Prepared for:
Tronox LLC
Henderson, Nevada

Data Validation Summary Report

ENSR Corporation
April 2008
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TRONOX

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April 10, 2008

Ms. Shannon Harbour, P.E.
Nevada Division of Environmental Protection
2030 East Flamingo Road, Suite 230
Las Vegas, Nevada 89119-0818

Subject: Data Validation Summary Report for data collected on behalf of Tronox to support the offsite residential and VOC investigation Henderson, Nevada

Dear Ms. Harbour:

Enclosed is the *Data Validation Summary Report* (DVSR) for the data collected on behalf of Tronox to support the offsite residential and VOC investigation near Henderson, Nevada. The specific samples covered by this report were taken on the Tronox site as part of an effort to quantify movement of VOCs in alluvial groundwater between the east end of the Montrose-Stauffer well line and the west end of the Tronox on-site interceptor well field. The DVSR was prepared in response to general comment 3 on the Nevada Division of Environmental Protection March 10, 2008 letter.

Please contact me at (702) 651-2234 if you have any comments or questions concerning this correspondence.

Sincerely,

Susan M. Crowley
Staff Environmental Specialist

Overnight Mail

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CC: See attached Distribution List

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Bradley	Lisa	ENSR	X	X	
Paris	Mark	BRC		X	
Spiller	Brian	Stauffer		X	
Kellogg	Rick	BRC		X	
Guerriero	Joe	AIG		X	
Giroux	Barry	GEI		X	
Stowers	Kirk	Broadbent			
Sahu	Rahnijit	BMI		X	
Crouse	George	Syngenta		X	
Erickson	Lee	Stauffer		X	
Kelly	Joe	Montrose		X	
Sundberg	Paul	Montrose		X	
Gibson	Jeff	AmPac			
Richards	Curt	Olin		X	
Bellotti	Michael	Olin		X	
Wilkinson	Craig	Timet		X	
Mack	Joel	Montrose Counsel			

Prepared for:
Tronox LLC
Henderson, Nevada

Data Validation Summary Report

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Contents

1.0 INTRODUCTION

The purpose of data validation performed on laboratory results for the Tronox portion of the Off-Site Sampling and Analysis Plan (SAP) for volatile organic compound (VOC) analysis of ground water was to determine the suitability of the data for future environmental assessments at the Tronox facility in Henderson, Nevada. TestAmerica's St. Louis facility was the laboratory contracted by Tronox for the chemical analyses discussed below. Samples were collected in December 2007. The specific VOC analyses performed by the laboratory and reviewed in this report were conducted in accordance with the Off-Site SAP (Broadbent & Associates, 2007) and the BRC Quality Assurance Project Plan (BRC, ERM, and MWH, 2007). The specific samples covered by this report were taken on the Tronox site as part of an effort to quantify movement of VOCs in alluvial groundwater between the east end of the Montrose-Stauffer well line and the west end of the Tronox on-site interceptor well field. Copies of the laboratory results are included on the CD enclosed with this report.

2.0 DATA VALIDATION PROCESS

All the specified results contained in the laboratory reports listed in the data validation memorandum were subjected to thorough data review known as limited validation. One of the two data packages was subjected to formal full data validation as recommended in the guidance on data validation provided by NDEP for the BMI Plant Sites (NDEP, 2006). The laboratory submitted sample and batch QC results with narratives in pdf format and EQuIS format electronic data deliverables (EDDs) for all reports. The required extra raw data needed for full data validation was submitted for both reports, but reviewed in only one. The EDDs were imported into an EQuIS database, specifically created for the ongoing monitoring at the Henderson site. ENSR performed all validation on the data using the hard copy data package and subsequently entered the validation qualifiers into the database.

Limited validation consisted of reviewing the following data elements based on review of summary data forms.

- Agreement of analyses conducted with chain-of-custody (COC) requests
- Holding times and sample preservation
- Laboratory blanks/equipment blanks/ field blanks
- Surrogate recoveries
- Laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) results
- Matrix spike/matrix spike duplicate (MS/MSD) results
- Laboratory duplicate results
- Field duplicate results
- Quantitation limits and sample results

Full validation consisted in reviewing the above data elements plus the following extra elements, based on raw data review.

- Initial and continuing calibrations
- Internal standard performance
- Calculations and transcription verifications

Analytical data were evaluated with reference to the National Functional Guidelines (EPA, 1999) and other method appropriate validation guidance documents, as well as the Region 9 Superfund Data Evaluation/Validation Guidance (EPA, 2001), the above mentioned NDEP Guidance on Data Validation (NDEP, 2006), and the quality control (QC) criteria provided by the laboratory. The Regional and National Functional Guidelines were modified to accommodate the non-contract laboratory program (CLP) methodologies.

The specific guideline used for the VOC method (SW846 method 8206B) was as follows:

- Organic analytical data were evaluated with reference to "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (EPA, 1999)

In general, the validation qualifiers and definitions employed were based on those used by EPA in the document mentioned above. Validation qualifiers and definitions are listed in attached **Table A-1** . A reason code was assigned to all the applications of validation qualifiers for this project. The reason codes and their explanations are listed in attached **Table A-2.** These codes were entered in the project database for each application of a validation qualifier that changed a lab qualifier or result value to indicate the primary reason(s) for data qualification. Conversions of the laboratory reported "ND" (not detected) to the U qualifier (see Table A-1) in the database are not further discussed in this report. In addition, the laboratory-applied "J" qualifier to indicate results less than the reporting limit but greater than the method detection limit were not changed and are not further discussed in this report.

Data validation was organized by TestAmerica St. Louis Laboratory Analytical Report which is also identified as the sample delivery group (SDG) in the tables. Two data validation memoranda, one for the limited validation, and one for the full validation, were written and reviewed at ENSR's Westford office. Each memorandum identifies the laboratory SDG reviewed and the specific samples addressed. Copies of the laboratory results are included on the CD enclosed with this report.

3.0 DATA VALIDATION RESULTS

The data validation qualifiers and reason codes were used to select all the data in the database where results were qualified as a result of validation. This information was sorted by the quality control (QC) review elements listed below:

- Agreement of analyses conducted with chain-of-custody (COC) requests
- Initial and continuing calibrations (full validation only)
- Holding times and sample preservation
- Laboratory blanks/equipment blanks/ field blanks
- Surrogates
- Laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) results
- Matrix spike/matrix spike duplicate (MS/MSD) results
- Laboratory duplicate results
- Field duplicate results
- Internal standard performance
- Quantitation limits and sample results
- Calculations and transcription verifications (full validation only)

Table A-3 lists all the results which were qualified based on quality control issues identified with regard to calibration issues, method and equipment blank contamination, surrogates, LCS/LCSD results, MS/MSD

results, and laboratory duplicate results. No QC issues were identified that resulted in qualification of results based on holding times or sample preservation, field duplicate results, internal standard performance, calculation/transcription errors, or quantitation limits. Reason codes, Data Quality Indicators (DQI), and the nonconforming DQI results are listed in the table as requested by NDEP. The table below lists all the SDGs, sample IDs, and the specific analysis reviewed. SDGs subjected to full validation are shown in bold. All other SDGs underwent limited validation.

SDG	Sample ID	EPA Method SW 846 8260B
F7L190135	AA-MW-16	X
F7L190135	EB-1	X
F7L190135	M-126	X
F7L190135	M-57A	X
F7L190135	M-7B	X
F7L200290	DUPE-1	X
F7L200290	M-5A	X
F7L200290	QCTB	X
Bold = SDG subjected to full validation		

3.1 Holding Times and Sample Preservation

Holding times were derived from the EPA methods utilized and were calculated beginning from the time of sample collection. All analyses were performed within the method-specified holding times.

3.2 Calibrations

The initial and continuing calibrations met all method and validation criteria with the following exceptions. The percent relative standard deviation (%RSD) requirement for the response factors of eight compounds in the initial calibration exceeded 15%, therefore the associated results for these analytes in all samples were qualified as estimated for detects (J) and nondetects (UJ). The average response factor (RF) for two compounds in the initial calibration was less than the minimum RF validation criterion, therefore the associated results for these analytes were qualified as estimated for detects (J) and nondetects (UJ). Two compounds in one continuing calibration verification (CCV) and four compounds in another CCV exceeded the maximum 20% difference method criterion, therefore all the associated results for these analytes were qualified as estimated for detects (J) and nondetects (UJ).

3.3 Blank Contamination

In general, laboratory and field blanks were free of contamination. The equipment blank (EB-1) contained detectable amounts of three analytes at concentration below the reporting limits. The associated sample results were qualified as undetected (U) at the reported concentration if detections were less than five times the blank concentrations for these analytes.

3.4 Surrogates

Surrogate recoveries met the laboratory statistical control limits in all samples with the following exceptions. Toluene-d8 recoveries were below the lower control limit (LCL) in three samples therefore results for these samples were qualified as estimated with a possible low bias (J-) when detected and estimated (UJ) for nondetects. The 1,2-dichloroethane-d4 recovery was above the upper control limit in one sample, therefore results for this sample were qualified as estimated with a possible high bias (J+) when detected and estimated (UJ) for nondetects. The bromofluorobenzene recovery was below the lower control limit in one

sample, therefore results for this samples were qualified as estimated with a possible low bias (J-) when detected and estimated (UJ) for nondetects.

3.5 Laboratory Control Samples

LCS and LCSD recoveries met the spike recovery acceptance criteria for all of the analyses reviewed except for one analyte in the LCS/LCSD associated with SDG F7L190135 and one analyte in the LCS associated with SDG F7L200290. The acceptance criteria were based on the laboratory's statistical LCL and upper control limits (UCL). In both cases, the recovery was above the UCL and the sample results were non-detect. Therefore, no qualifiers were applied to sample results.

3.6 Matrix Spike Samples

MS and MSD recoveries met the spike recovery acceptance criteria for all of the analyses reviewed except for ten analytes in the MS/MSD associated with sample M-7B, and one analyte in the MS/MSD associated with sample M-57A. The acceptance criteria were based on the laboratory's statistically derived LCLs and UCLs. Associated sample results for these analytes were qualified as estimated (biased low or high) for detects (J- or J+, dependent on whether the recovery was outside of the LCL or UCL, respectively) and nondetects (UJ). Note that when %R and relative percent difference (RPD) are outside acceptance criteria for MS/MSD results (see section 3.7), detects are qualified as estimated (J), without a bias assignment.

Note that two analytes in the MS/MSD analysis of one sample (M-7B) showed recovery of less than 10%. These results were rejected (see section 3.11) during validation.

3.7 Laboratory Duplicates

The evaluation of laboratory duplicate precision included an assessment of the agreement between the LCS/LCSD pairs, MS/MSD pairs, and matrix duplicates, as measured through relative percent difference (RPD). These results met the QC acceptance criteria for all of the analyses reviewed with the exception of the one analyte in the LCS/LCSD associated with SDG F7L190135, four analytes associated with the MS/MSD of sample M-7B, and two analytes associated with the MS/MSD of sample M-57A. Associated sample results for these analytes were qualified as estimated for detects (J) and nondetects (UJ) based on the precision exceedances.

3.8 Field Duplicates

The results of the one groundwater sample duplicate pair (M-5A and DUPE-1) collected during the Off-Site SAP VOC sampling round were evaluated during validation. RPDs were compared to the objectives of 50% maximum RPD for aqueous samples. No results were qualified during validation based on field duplicate precision nonconformances.

3.9 Internal Standard Performance

The internal standards met the QC acceptance criteria in all sample analyses reviewed.

3.10 Quantitation Limits and Sample Results

No results were qualified based on QC related to quantitation limits or sample results reported. All VOC analytes in the BRC QAPP and Off-Site SAP were reported by the laboratory except for dibromochloroethane. TestAmerica St. Louis indicated their instruments were not calibrated for this compound. QAPP defined RLs were achieved for all undiluted sample analyses.

3.11 Rejected Results

Results for two analytes (styrene and vinyl acetate) in one sample (M-7B) were rejected based on 0% MS/MSD recoveries. These results are not considered usable and the numeric value has been removed from the database as a result of validation.

4.0 EVALUATION OF DATA QUALITY INDICATORS

Data validation information was used to evaluate the data quality indicators (DQI) of precision, accuracy, representativeness, comparability, completeness, and sensitivity for results in the Off-Site SAP VOC dataset. Each of these DQI parameters is discussed in sections below.

4.1 Precision

Precision is the measure of agreement among repeated measurements of the same property under identical or substantially similar conditions. Field precision was assessed through the collection and measurement of field duplicates and expressed as the RPD of the sample and field duplicate pair results. In general, the field duplicate precision was acceptable for all analytes reported.

Laboratory precision was assessed through the RPD results for matrix duplicates, LSC/LCSD pairs, and MS/MSD pairs. In general, the laboratory duplicate precision was acceptable, except as noted above in Section 3.7.

4.2 Accuracy

Accuracy is the degree of agreement between an observed value and an accepted reference or true value. Laboratory accuracy was assessed during the validation using the recoveries of positive control samples (i.e., MS, MSD, LCS, LCSD and surrogates). Accuracy is also indirectly addressed via the negative control samples for field activities (i.e. trip, equipment, and field blanks), as well as laboratory negative control samples (i.e., method blanks and calibration blanks). All negative control sample results were acceptable with the exceptions discussed above in Section 3.3. Results for two analytes in one sample were rejected based on 0% matrix spike recovery in sample M-7B as discussed in Section 3.9 above.

Bias as a component of accuracy is also evaluated utilizing the recovery of surrogates, LCS/LCSDs, and MS/MSDs as discussed in Sections 3.4, 3.5, and 3.6 of this report.

4.3 Representativeness

Representativeness is the measure of the degree to which data suitably represent a characteristic of a population, parameter variations at a sampling point, a process condition, or an environmental condition. Aspects of representativeness addressed during validation include the review of sample collection information in the chain-of-custody (COC) documentation, conformity of laboratory analyses to work plan intentions, adherence of the documented laboratory procedures to method requirements, and completeness of the laboratory data packages. Most of the issues identified during this evaluation did not result in the qualification of laboratory data but did involve re-submittals of data from the laboratories to correct problems that were discovered during the validation process. All of these issues were resolved or were judged to have no impact on the data validation outcome.

4.4 Completeness

Completeness is a measure of the amount of valid data obtained from a measurement system, expressed as a percentage of the number of valid measurements that were or should have been collected. Valid data is defined as all the data points judged to be valid (i.e. not rejected), as a result of the validation process.

Field completeness is defined as the percentage of samples actually collected versus those intended to be collected in accordance with the plan for routine monitoring. All intended samples were collected in accordance with the sampling and analysis plan with the exception of groundwater sample M-98 which was dry at the time of sampling. All COC requests were faithfully executed by the laboratories with the minor exceptions discussed in the validation memorandum.

Laboratory completeness is defined as percentage of valid data points versus the total expected from the laboratory analyses. Actual laboratory completeness was 100% on the basis of sample analysis (i.e., all requested analyses were performed and reported by the laboratories), and 99.7% completeness based on valid data as a percentage of the total data points attempted.

4.5 Comparability

Comparability is a qualitative expression of the measure of confidence that two or more data sets may contribute to a common analysis. Comparability of data within the investigation was maximized by using standard methods for sampling and analysis, reporting, and data validation. The site specific special analyte list for VOCs is consistent with previous analyses performed by TestAmerica St. Louis for BRC.

4.6 Sensitivity

Sensitivity is the capability of a method or instrument to discriminate between measurement responses representing different levels of the variable of interest and particularly the capability of measuring a constituent at low levels. For the EPA methods employed in this project sensitivity is measured by the method detection limit (MDL) and reporting limit (RL). Reporting limits in general were sample quantitation limits based on the low point of calibration and adjusted for sample-specific factors such as exact aliquot size, dilutions, etc. Sensitivity of the methods employed was adequate for the QAPP defined analytical needs and consistent with the historical data for the site.

5.0 CONCLUSIONS

One hundred percent of the laboratory data for the Tronox wells collected for the Off-Site Sampling and were subjected to a limited validation using standardized guidelines and procedures recommended by EPA and NDEP. One of the two laboratory SDGs was subjected to full data validation. Forty six percent of the reviewed results for this project were accepted as reported by the laboratory without additional qualification based on validation actions and should be considered valid for all decision making purposes. A subset of the laboratory results were qualified based on issues discovered during the validation process and those results are summarized in Tables A-3. The qualified data are grouped in this table based on the reason for qualification (see Table A-2), the Data Quality Indicator (DQI) involved, and the qualifier flags applied (see Table A-1). Fifty four percent of the results for this project were qualified as estimated due to QC nonconformances discussed in this DVSR. These estimated results should be considered usable for decision making purposes provided the potential bias is considered when the data are used. Two results, representing less than two tenths of one percent of the total results, were rejected as unusable due to serious QC problems. Based on the results of data validation, the overall goals for data quality were achieved for the Off-Site SAP VOC dataset.

6.0 REFERENCES

Broadbent & Associates, 2007 "Off-Site Sampling and Analysis Plan", Black Mountain Industrial Complex and Common Area, Henderson Nevada

BRC, ERM, and MWH, 2007 "BRC Quality Assurance Project Plan", Revision 3, August 2007

EPA, 1999 USEPA "Contract Laboratory Program National Functional Guidelines for Organic Data Review"

EPA, 2001 USEPA "Draft Region 9 Superfund Data Evaluation/Validation Guidance"

NDEP, 2006 NDEP "Guidance on Data Validation, BMI Pant Sites and Common Areas Projects, Henderson, Nevada"

TABLES

Table A-1
Data Validation Qualifiers
Off-Site SAP VOC Analyses
Tronox, LLC - Henderson, Nevada

Validation Qualifier	Definition
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity and the result may be biased high.
J-	The result is an estimated quantity and the result may be biased low.
UJ	The analyte was not detected above the sample reporting limit and the reporting limit is approximate.
U	The analyte was analyzed for, but was not detected above the sample reporting limit
R	The result is rejected and unusable due to serious data deficiencies. The presence or absence of the analyte cannot be verified.

Table A-2
Data Validation Qualifier Reason Codes
Off-Site SAP VOC Analyses
Tronox, LLC - Henderson, Nevada

Code	Explanation
j-b	estimated due to blank contamination
j-be	estimated due to equipment blank contamination
j-bl	estimated due to lab blank contamination
j-c	estimated due to calibration problems
j-d	estimated due to lab duplicate imprecision (matrix duplicate, MSD, LCSD)
j-f	estimated due to field duplicate imprecision
j-h	estimated due to holding time exceedance
j-i	estimated due to internal standard areas
j-l	estimated due to LCS recoveries
j-m	estimated due to matrix spike recoveries
j-r	estimated due to quantitation problem
j-s	estimated due to surrogate recoveries
j-t	estimated due to preservation temperature exceedance
j-x	estimated due to low % solids
j-y	estimated due to serial dilution results
j-z	estimated due to ICS results
r-c	rejected due to calibration
r-h	rejected due to holding time exceedance
r-l	rejected due to LCS recoveries
r-m	rejected due to matrix spike recoveries
r-s	rejected due to surrogate recoveries
u-be	negated due to equipment blank contamination
u-bl	negated due to lab blank contamination
uj-a	estimated nondetect due to low abundance (radiochemical activity)
uj-b	estimated nondetect due to negative blank contamination (nondetect results only)
uj-be	estimated nondetect due to negative equipment blank contamination (nondetect results only)
uj-bl	estimated nondetect due to negative lab blank contamination (nondetect results only)
uj-c	estimated nondetect due to calibration issues
uj-cp	estimated nondetect due to insufficient ingrowth (radiochemical only)
uj-d	estimated nondetect due to lab duplicate imprecision (matrix duplicate, MSD, LCSD)
uj-f	estimated nondetect due to field duplicate imprecision
uj-h	estimated nondetect due to holding time exceedance
uj-i	estimated nondetect due to internal standard areas
uj-l	estimated nondetect due to LCS recoveries
uj-m	estimated nondetect due to matrix spike recoveries
uj-q	estimated nondetect level changed due to quantitation problem
uj-s	estimated nondetect due to surrogate recoveries
uj-t	estimated nondetect due to preservation temperature exceedance
uj-x	estimated nondetect due to low % solids
uj-z	estimated nondetect due to ICS results
u-q	nondetected level changed due to quantitation problem

Table A-3
Qualifications Based on DQI Exceedances
Off-Site SAP VOC Analysis
Tronox, LLC - Henderson, Nevada

Sample ID	SDG	Method	Analyte	Result	Units	Validation Qualifier	Reason Code	DQI	Result	QC Limits
AA-MW-16	F7L190135	EPA 8260	Ethylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Styrene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	cis-1,3-Dichloropropene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	trans-1,3-Dichloropropene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	N-Propylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	N-Butylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	4-Chlorotoluene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,2-Dichloroethane	2.9	ug/l	J-	j-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Vinylacetate	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	2,4-Dimethylpentane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	4-Methyl-2-pentanone	5.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,3,5-Trimethylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,3,5-Trichlorobenzene	5.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Bromobenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Toluene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,2,4-Trichlorobenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Nonanal	5.0	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Dibromochloromethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Tetrachloroethene	0.72	ug/l	J-	j-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Xylene (Total)	3.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	sec-Butylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,3-Dichloropropane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	n-Heptane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	cis-1,2-Dichloroethene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	trans-1,2-Dichloroethylene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Methyl tert butyl ether	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	2,2,3-Trimethylbutane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,2-Dichloroethene	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,3-Dichlorobenzene	2.4	ug/l	J-	j-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Carbon tetrachloride	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	3,3-dimethylpentane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,1-Dichloropropene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	2,3-Dimethylpentane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	3-Methylhexane	10	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	2,2-Dimethylpentane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	2-Methylhexane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	2-Hexanone	5.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	2,2-Dichloropropane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119

Table A-3
Qualifications Based on DQI Exceedances
Off-Site SAP VOC Analysis
Tronox, LLC - Henderson, Nevada

Sample ID	SDG	Method	Analyte	Result	Units	Validation Qualifier	Reason Code	DQI	Result	QC Limits
AA-MW-16	F7L190135	EPA 8260	3-ethylpentane	10	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Dimethyl disulfide	5.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,1,1,2-Tetrachloroethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Ethanol	250	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Acetone	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,1,1-Trichloroethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Bromomethane	2.0	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Chloromethane	2.0	ug/l	UJ	u-be, j-s, j-c	Equip.Blank	0.81	4.1
AA-MW-16	F7L190135	EPA 8260	Methyl iodide	2.0	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Dibromomethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Bromochloromethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Chloroethane	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Vinylchloride	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Acetonitrile	10	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Methylene chloride	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Carbon disulfide	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Bromoform	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Bromodichloromethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,1-Dichloroethane	4.9	ug/l	J-	j-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,1-Dichloroethene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Trichlorofluoromethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Dichlorodifluoromethane	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,1,2-Trichlorotrifluoroethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,2-Dichloropropane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	2-Butanone	5.0	ug/l	UJ	uj-d, uj-s, uj-c	MS/MSD RPD	30	20
AA-MW-16	F7L190135	EPA 8260	1,1,2-Trichloroethane	1.0	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Trichloroethene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,1,2,2-Tetrachloroethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	2-Nitropropane	10	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,2,3-Trichlorobenzene	1.0	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	o-Xylene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	2-Chlorotoluene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,2-Dichlorobenzene	37	ug/l	J-	j-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,2,4-Trimethylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,2-Dibromo-3-chloropropane	1.0	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	1,2,3-Trichloropropane	1.0	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	tert-Butylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Isopropylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119

Table A-3
Qualifications Based on DQI Exceedances
Off-Site SAP VOC Analysis
Tronox, LLC - Henderson, Nevada

Sample ID	SDG	Method	Analyte	Result	Units	Validation Qualifier	Reason Code	DQI	Result	QC Limits
AA-MW-16	F7L190135	EPA 8260	4-Isopropyltoluene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	m,p-Xylene	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
AA-MW-16	F7L190135	EPA 8260	Chloroform	4.4	ug/l	J-	j-s	Surr.%R	61	69-119
EB-1	F7L190135	EPA 8260	Nonanal	5.0	ug/l	UJ	uj-c	CCV %D	38.2	max 20
EB-1	F7L190135	EPA 8260	Ethanol	250	ug/l	UJ	uj-c	ICAL RF	0.0033	min 0.05
EB-1	F7L190135	EPA 8260	Bromomethane	0.38	ug/l	J	j-c	ICAL %RSD	19.4	max 15
EB-1	F7L190135	EPA 8260	Chloromethane	0.81	ug/l	J	j-c	ICAL %RSD	15.5	max 15
EB-1	F7L190135	EPA 8260	Methyl iodide	2.0	ug/l	UJ	uj-c	ICAL %RSD	17.9	max 15
EB-1	F7L190135	EPA 8260	2-Butanone	5.0	ug/l	UJ	uj-d, uj-c	LCS/LCSD RPD	21	20
EB-1	F7L190135	EPA 8260	1,1,2-Trichloroethane	1.	ug/l	UJ	uj-c	ICAL %RSD	17.3	max 15
EB-1	F7L190135	EPA 8260	1,2,3-Trichlorobenzene	1.0	ug/l	UJ	uj-c	ICAL %RSD	17.5	max 15
EB-1	F7L190135	EPA 8260	1,2-Dibromo-3-chloropropane	1.0	ug/l	UJ	uj-c	ICAL %RSD	17.9	max 15
EB-1	F7L190135	EPA 8260	1,2,3-Trichloropropane	1.0	ug/l	UJ	uj-c	ICAL %RSD	19.3	max 15
M-126	F7L190135	EPA 8260	Ethylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Styrene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	cis-1,3-Dichloropropene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	trans-1,3-Dichloropropene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	N-Propylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	N-Butylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	4-Chlorotoluene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,2-Dichloroethane	4.4	ug/l	J-	j-s	Surr. %R	35	71-115
M-126	F7L190135	EPA 8260	Vinylacetate	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	2,4-Dimethylpentane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	4-Methyl-2-pentanone	5.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,3,5-Trimethylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,3,5-Trichlorobenzene	5.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Bromobenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Toluene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,2,4-Trichlorobenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Nonanal	5.0	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Dibromochloromethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Tetrachloroethene	1.1	ug/l	J-	j-s	Surr. %R	35	71-115
M-126	F7L190135	EPA 8260	Xylene (Total)	3.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	sec-Butylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,3-Dichloropropane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	n-Heptane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	cis-1,2-Dichloroethene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	trans-1,2-Dichloroethylene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119

Table A-3
Qualifications Based on DQI Exceedances
Off-Site SAP VOC Analysis
Tronox, LLC - Henderson, Nevada

Sample ID	SDG	Method	Analyte	Result	Units	Validation Qualifier	Reason Code	DQI	Result	QC Limits
M-126	F7L190135	EPA 8260	Methyl tert butyl ether	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	2,2,3-Trimethylbutane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,2-Dichloroethene	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,3-Dichlorobenzene	19	ug/l	J-	j-s	Surr. %R	35	71-115
M-126	F7L190135	EPA 8260	Carbon tetrachloride	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	3,3-dimethylpentane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,1-Dichloropropene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	2,3-Dimethylpentane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	3-Methylhexane	10	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	2,2-Dimethylpentane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	2-Methylhexane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	2-Hexanone	5.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	2,2-Dichloropropane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	3-ethylpentane	10	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Dimethyl disulfide	5.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,1,1,2-Tetrachloroethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Ethanol	250	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Acetone	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,1,1-Trichloroethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Bromomethane	2.0	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Chloromethane	2.0	ug/l	U	u-be, j-s, j-c	Equip.Blank	0.81	4.1
M-126	F7L190135	EPA 8260	Methyl iodide	2.0	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Dibromomethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Bromochloromethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Chloroethane	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Vinylchloride	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Acetonitrile	10	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Methylene chloride	12	ug/l	J-	j-s	Surr. %R	35	71-115
M-126	F7L190135	EPA 8260	Carbon disulfide	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Bromoform	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Bromodichloromethane	3.5	ug/l	J-	j-s	Surr. %R	35	71-115
M-126	F7L190135	EPA 8260	1,1-Dichloroethane	3.9	ug/l	J-	j-s	Surr. %R	35	71-115
M-126	F7L190135	EPA 8260	1,1-Dichloroethene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Trichlorofluoromethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Dichlorodifluoromethane	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,1,2-Trichlorotrifluoroethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,2-Dichloropropane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	2-Butanone	5.0	ug/l	UJ	uj-d, uj-s, uj-c	Surr. %R	35	71-115

Table A-3
Qualifications Based on DQI Exceedances
Off-Site SAP VOC Analysis
Tronox, LLC - Henderson, Nevada

Sample ID	SDG	Method	Analyte	Result	Units	Validation Qualifier	Reason Code	DQI	Result	QC Limits
M-126	F7L190135	EPA 8260	1,1,2-Trichloroethane	1.0	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Trichloroethene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,1,2,2-Tetrachloroethane	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	2-Nitropropane	10	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,2,3-Trichlorobenzene	1.0	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	o-Xylene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	2-Chlorotoluene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,2,4-Trimethylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,2-Dibromo-3-chloropropane	1.0	ug/l	UJ	uj-s, uj-c	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	1,2,3-Trichloropropane	1.0	ug/l	UJ	uj-s,uj-c	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	tert-Butylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	Isopropylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	4-Isopropyltoluene	1.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-126	F7L190135	EPA 8260	m,p-Xylene	2.0	ug/l	UJ	uj-s	Surr.%R	61	69-119
M-57A	F7L190135	EPA 8260	4-Methyl-2-pentanone	5.0	ug/l	UJ	uj-d	MS/MSD RPD	30	20
M-57A	F7L190135	EPA 8260	Nonanal	5.0	ug/l	UJ	uj-c	CCV %D	38.2	max 20
M-57A	F7L190135	EPA 8260	Ethanol	250	ug/l	UJ	uj-c	ICAL RF	0.0033	min 0.05
M-57A	F7L190135	EPA 8260	Acetone	2.0	ug/l	UJ	uj-d	MS/MSD RPD	24	20
M-57A	F7L190135	EPA 8260	Bromomethane	2.0	ug/l	UJ	uj-c	ICAL %RSD	19.4	max 15
M-57A	F7L190135	EPA 8260	Chloromethane	2.0	ug/l	UJ	uj-c	ICAL %RSD	15.5	max 15
M-57A	F7L190135	EPA 8260	Methyl iodide	2.0	ug/l	UJ	uj-c	ICAL %RSD	17.9	max 15
M-57A	F7L190135	EPA 8260	Trichlorofluoromethane	1.0	ug/l	UJ	uj-m	MS/MSD %R	47/46	60-142
M-57A	F7L190135	EPA 8260	2-Butanone	5.0	ug/l	UJ	uj-d,uj-c	LCS/LCSD RPD	21	20
M-57A	F7L190135	EPA 8260	1,1,2-Trichloroethane	1.0	ug/l	UJ	uj-c	ICAL %RSD	17.3	max 15
M-57A	F7L190135	EPA 8260	1,2,3-Trichlorobenzene	1.0	ug/l	UJ	uj-c	ICAL %RSD	17.5	max 15
M-57A	F7L190135	EPA 8260	1,2-Dibromo-3-chloropropane	1.0	ug/l	UJ	uj-c	ICAL RF	0.043	min 0.05
M-57A	F7L190135	EPA 8260	1,2,3-Trichloropropane	1.0	ug/l	UJ	uj-c	ICAL %RSD	19.3	max 15
M-7B	F7L190135	EPA 8260	Styrene		ug/l	R	r-m	MS/MSD %R	0/0	57-143
M-7B	F7L190135	EPA 8260	1,4-Dichlorobenzene	1.0	ug/l	UJ	uj-d	MS/MSD RPD	24	20
M-7B	F7L190135	EPA 8260	Vinylacetate		ug/l	R	r-m	MS/MSD %R	0/0	20-150
M-7B	F7L190135	EPA 8260	Chloroform	2.2	ug/l	J	j-d	MS/MSD RPD	94	20
M-7B	F7L190135	EPA 8260	2-Butanone	5.0	ug/l	UJ	uj-d	LCS/LCSD RPD	21	20
M-7B	F7L190135	EPA 8260	1,2-Dichlorobenzene	1.0	ug/l	UJ	uj-d	MS/MSD RPD	24	20
QCTB	F7L200290	EPA 8260	Ethanol	250	ug/l	UJ	uj-c	ICAL %RSD	18.1	max 15
QCTB	F7L200290	EPA 8260	Bromomethane	2.0	ug/l	UJ	uj-c	ICAL %RSD	19.4	max 15
QCTB	F7L200290	EPA 8260	Chloromethane	2.0	ug/l	UJ	uj-c	ICAL %RSD	15.5	max 15
QCTB	F7L200290	EPA 8260	Methyl iodide	2.0	ug/l	UJ	uj-c	ICAL %RSD	17.9	max 15
QCTB	F7L200290	EPA 8260	1,1,2-Trichloroethane	1.0	ug/l	UJ	uj-c	ICAL %RSD	17.3	max 15

Table A-3
Qualifications Based on DQI Exceedances
Off-Site SAP VOC Analysis
Tronox, LLC - Henderson, Nevada

Sample ID	SDG	Method	Analyte	Result	Units	Validation Qualifier	Reason Code	DQI	Result	QC Limits
QCTB	F7L200290	EPA 8260	1,2,3-Trichlorobenzene	1.0	ug/l	UJ	uj-c	ICAL %RSD	17.5	max 15
QCTB	F7L200290	EPA 8260	1,2-Dibromo-3-chloropropane	1.0	ug/l	UJ	uj-c	ICAL %RSD	17.9	max 15
QCTB	F7L200290	EPA 8260	1,2,3-Trichloropropane	1.0	ug/l	UJ	uj-c	ICAL %RSD	19.3	max 15
DUPE-1	F7L200290	EPA 8260	Ethylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Styrene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	cis-1,3-Dichloropropene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	trans-1,3-Dichloropropene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	N-Propylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	N-Butylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	4-Chlorotoluene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,2-Dichloroethane	41	ug/l	J-	j-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Vinylacetate	2.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	2,4-Dimethylpentane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	4-Methyl-2-pentanone	5.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,3,5-Trimethylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,3,5-Trichlorobenzene	5.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Bromobenzene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Toluene	0.13	ug/l	J-	j-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,2,4-Trichlorobenzene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Nonanal	5.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Dibromochloromethane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Tetrachloroethene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Xylene (Total)	3.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	sec-Butylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,3-Dichloropropane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	n-Heptane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	cis-1,2-Dichloroethene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	trans-1,2-Dichloroethylene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Methyl tert butyl ether	2.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	2,2,3-Trimethylbutane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,2-Dichloroethene	2.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,3-Dichlorobenzene	0.84	ug/l	J-	j-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Carbon tetrachloride	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	3,3-dimethylpentane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,1-Dichloropropene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	2,3-Dimethylpentane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	3-Methylhexane	10	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	2,2-Dimethylpentane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119

Table A-3
Qualifications Based on DQI Exceedances
Off-Site SAP VOC Analysis
Tronox, LLC - Henderson, Nevada

Sample ID	SDG	Method	Analyte	Result	Units	Validation Qualifier	Reason Code	DQI	Result	QC Limits
DUPE-1	F7L200290	EPA 8260	2-Methylhexane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	2-Hexanone	5.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	2,2-Dichloropropane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	3-ethylpentane	10	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Dimethyl disulfide	5.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,1,1,2-Tetrachloroethane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Ethanol	250	ug/l	UJ	uj-s, uj-c	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Acetone	2.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Chloroform	1.0	ug/l	UJ	u-be, j-s	Equip.Blank	0.53	2.7
DUPE-1	F7L200290	EPA 8260	Benzene	39	ug/l	J-	j-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,1,1-Trichloroethane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Bromomethane	2.0	ug/l	UJ	uj-s, uj-c	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Chloromethane	2.0	ug/l	UJ	uj-s, uj-c	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Methyl iodide	2.0	ug/l	UJ	uj-s, uj-c	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Dibromomethane	1.0	ug/l	UJ	uj-s, uj-c	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Bromochloromethane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Chloroethane	0.77	ug/l	J-	j-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Vinylchloride	2.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Acetonitrile	10	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Methylene chloride	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Carbon disulfide	0.51	ug/l	J-	j-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Bromoform	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Bromodichloromethane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,1-Dichloroethene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Trichlorofluoromethane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Dichlorodifluoromethane	2.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,1,2-Trichlorotrifluoroethane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,2-Dichloropropane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	2-Butanone	5.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,1,2-Trichloroethane	1.0	ug/l	UJ	uj-s,uj-c	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Trichloroethene	4.6	ug/l	J-	j-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,1,2,2-Tetrachloroethane	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	2-Nitropropane	10	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,2,3-Trichlorobenzene	1.0	ug/l	UJ	uj-s, uj-c	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	o-Xylene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	2-Chlorotoluene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,2-Dichlorobenzene	40	ug/l	J-	j-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,2,4-Trimethylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119

Table A-3
Qualifications Based on DQI Exceedances
Off-Site SAP VOC Analysis
Tronox, LLC - Henderson, Nevada

Sample ID	SDG	Method	Analyte	Result	Units	Validation Qualifier	Reason Code	DQI	Result	QC Limits
DUPE-1	F7L200290	EPA 8260	1,2-Dibromo-3-chloropropane	1.0	ug/l	UJ	uj-s, uj-c	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	1,2,3-Trichloropropane	1.0	ug/l	UJ	uj-s, uj-c	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	tert-Butylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	Isopropylbenzene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	4-Isopropyltoluene	1.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
DUPE-1	F7L200290	EPA 8260	m,p-Xylene	2.0	ug/l	UJ	uj-s	Surr.%R	53	69-119
M-5A	F7L200290	EPA 8260	Ethylbenzene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Styrene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	cis-1,3-Dichloropropene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	trans-1,3-Dichloropropene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	N-Propylbenzene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	N-Butylbenzene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	4-Chlorotoluene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,2-Dichloroethane	41	ug/l	J-	j-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Vinylacetate	2.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	2,4-Dimethylpentane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	4-Methyl-2-pentanone	5.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,3,5-Trimethylbenzene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,3,5-Trichlorobenzene	5.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Bromobenzene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Toluene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,2,4-Trichlorobenzene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Nonanal	5.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Dibromochloromethane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Tetrachloroethene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Xylene (Total)	3.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	sec-Butylbenzene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,3-Dichloropropane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	n-Heptane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	cis-1,2-Dichloroethene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	trans-1,2-Dichloroethylene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Methyl tert butyl ether	2.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	2,2,3-Trimethylbutane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,2-Dichloroethene	2.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,3-Dichlorobenzene	0.79	ug/l	J-	j-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Carbon tetrachloride	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	3,3-dimethylpentane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,1-Dichloropropene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119

Table A-3
Qualifications Based on DQI Exceedances
Off-Site SAP VOC Analysis
Tronox, LLC - Henderson, Nevada

Sample ID	SDG	Method	Analyte	Result	Units	Validation Qualifier	Reason Code	DQI	Result	QC Limits
M-5A	F7L200290	EPA 8260	2,3-Dimethylpentane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	3-Methylhexane	10	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	2,2-Dimethylpentane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	2-Methylhexane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	2-Hexanone	5.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	2,2-Dichloropropane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	3-ethylpentane	10	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Dimethyl disulfide	5.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,1,1,2-Tetrachloroethane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Ethanol	250	ug/l	UJ	uj-s, uj-c	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Acetone	2.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Chloroform	1.0	ug/l	UJ	u-be, uj-s	Equip.Blank	0.53	2.7
M-5A	F7L200290	EPA 8260	Benzene	39	ug/l	J-	j-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,1,1-Trichloroethane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Bromomethane	2.0	ug/l	UJ	uj-s, uj-c	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Chloromethane	2.0	ug/l	UJ	uj-s, uj-c	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Methyl iodide	2.0	ug/l	UJ	uj-s, uj-c	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Dibromomethane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Bromochloromethane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Chloroethane	0.70	ug/l	J-	j-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Vinylchloride	2.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Acetonitrile	10	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Methylene chloride	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Carbon disulfide	0.57	ug/l	J-	j-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Bromoform	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Bromodichloromethane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,1-Dichloroethene	0.43	ug/l	J-	j-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Trichlorofluoromethane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Dichlorodifluoromethane	2.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,1,2-Trichlorotrifluoroethane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,2-Dichloropropane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	2-Butanone	5.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,1,2-Trichloroethane	1.0	ug/l	UJ	uj-s, uj-c	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Trichloroethene	4.6	ug/l	J-	j-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,1,2,2-Tetrachloroethane	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	2-Nitropropane	10	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,2,3-Trichlorobenzene	1.0	ug/l	UJ	uj-s, uj-c	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	o-Xylene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119

Table A-3
Qualifications Based on DQI Exceedances
Off-Site SAP VOC Analysis
Tronox, LLC - Henderson, Nevada

Sample ID	SDG	Method	Analyte	Result	Units	Validation Qualifier	Reason Code	DQI	Result	QC Limits
M-5A	F7L200290	EPA 8260	2-Chlorotoluene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,2-Dichlorobenzene	39	ug/l	J-	j-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,2,4-Trimethylbenzene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,2-Dibromo-3-chloropropane	1.0	ug/l	UJ	uj-s, uj-c	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	1,2,3-Trichloropropane	1.0	ug/l	UJ	uj-s, uj-c	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	tert-Butylbenzene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Isopropylbenzene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	4-Isopropyltoluene	1.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	m,p-Xylene	2.0	ug/l	UJ	uj-s	Surr. %R	50	69-119
M-5A	F7L200290	EPA 8260	Chlorobenzene	5700	ug/l	J+	j-s	Surr. %R	50	69-119

MEMORANDUMS

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Memorandum

Date: January 22, 2008

To: Dave Gerry/Camarillo

From: Paula DiMattei/Westford

Subject: Data Validation, VOC Analysis
Henderson Joint Groundwater Sampling per Off-Site SAP
Tronox LLC Henderson, Nevada
SDG F7L190135

Distribution: R. Kennedy/Westford

04020-023-161 File

TH388vocpld

SUMMARY

Full validation was performed on the data for four groundwater samples, one equipment blank, and one trip blank analyzed for a project-specific list of volatile organic compounds (VOCs) by SW-846 method 8260B. The samples were collected at the Tronox LLC site in Henderson, Nevada on December 17-18, 2007 and were submitted to TestAmerica in St. Louis, MO for analysis. TestAmerica-St. Louis processed the samples and reported the results under sample delivery group (SDG) F7L190135.

The analytical data were evaluated with reference to the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (10/99), the Region 9 Superfund Data Evaluation/Validation Guidance, and NDEP Guidance on Data Validation (5/06). The Regional and National Functional Guidelines were modified to accommodate the non-CLP methodology.

In general, the data are valid as reported and may be used for decision making purposes. The nondetect results for styrene and vinyl acetate in sample M-7B were qualified as rejected (R) due to the zero percent matrix spike and matrix spike duplicate recoveries. Several other data points were qualified during validation due to QC nonconformances (see discussion below).

SAMPLES

The samples included in this review are listed below:

Sample IDs
EB-1 (equipment blank)
M-126
AA-MW-16
M-7B
M-57A

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Sample IDs
QCTB (trip blank)

REVIEW ELEMENTS

Sample data were reviewed for the following parameters, where applicable:

- Agreement of analyses conducted with chain-of-custody (COC) requests
- Holding times and sample preservation
- Gas chromatography/mass spectrometry (GC/MS) tuning
- Initial and continuing calibrations
- Method blanks/equipment blanks/trip blanks
- Surrogate spike recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) results
- Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) results
- Internal standard performance
- Field duplicate results
- Quantitation limits and sample results

DISCUSSION

Agreement of Analyses Conducted with COC Requests

The sample reports were checked to verify that the results corresponded to analytical requests as designated on the COC. No discrepancies were noted.

Holding Times and Sample Preservation

The cooler temperatures upon receipt were within the acceptance criterion of 4± 2°C. All aqueous samples were preserved to pH <2.

The samples were analyzed within the method specified holding times.

GC/MS Tuning

The frequency and abundance of all bromofluorobenzene (BFB) tuning results were within the QC acceptance criteria. The samples were analyzed within the method specified tuning intervals.

Initial and Continuing Calibrations

The percent relative standard deviations (%RSDs), the correlation coefficients, and/or the RFs of all target compounds were within the QC acceptance criteria for the initial calibrations associated with the sample analyses with the following exceptions. Actions were applied as indicated below.

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Compound	%RSD	Action (Detects/Nondetects)
1,2-Dibromo-3-chloropropane	17.9	J/UJ
Chloromethane	15.5	J/UJ
Bromomethane	19.4	J/UJ
Iodomethane	17.9	J/UJ
1,1,2-Trichloroethane	17.3	J/UJ
1,2,3-Trichloropropane	19.3	J/UJ
1,2,3-Trichlorobenzene	17.5	J/UJ
Ethanol	18.1	J/UJ
Associated samples: All samples		

Compound	RF	Action (Detects/Nondetects)
1,2-Dibromo-3-chloropropane	0.043	J/UJ**
Ethanol	0.0033	J/UJ**
Associated Samples: All samples		
** Professional judgment was used to qualify as estimated (UJ) instead of rejected (R) as stipulated in the guidance since adequate area response was achieved and the chromatographic response was acceptable at the reported quantitation limit.		

The percent differences and percent drifts (%Ds) of all target compounds were within the QC acceptance criteria for the continuing calibrations associated with the sample analyses with the following exceptions. Actions were applied as indicated below.

Compound	%D	Action (Detects/Nondetects)
Bromomethane	58.1	J/UJ
Iodomethane	49.5	J/UJ
2-Butanone	22.2	J/UJ
Nonanal	38.2	J/UJ
Associated Samples: All samples		

Method Blanks/Equipment Blanks/Trip Blanks

Chloromethane and chloroform were detected in the equipment blank (EB-1) associated with the samples in this data set. The presence of blank contamination indicates that false positives may exist for these compounds in the associated samples. Action levels (AL) were established at 5x the concentration detected in the blank. The following table summarizes the level of blank contamination detected in the equipment blank for compounds also present in the associated samples; action levels; and the associated samples. Bromomethane was detected in EB-1 but not in any associated samples.

Compound	Concentration (µg/L)	AL (µg/L)	Associated Samples
Chloromethane	0.81	4.1	M-126, AA-MW-16, M-7B, M-57A
Chloroform	0.53	2.7	

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Sample results were qualified as follows:

- If the sample result was < the SQL and < the AL, the result was reported as not detected (U) at the SQL.
- If the sample result was > SQL but < AL, the result was reported as not detected (U) at the reported concentration.
- If the sample result was > AL, the result was not qualified.

Surrogate Spike Recoveries

Surrogate percent recoveries (%Rs) were within the QC acceptance criteria in all reported sample analyses with the following exceptions.

Sample ID	Toluene-d_8 %R	Bromofluorobenzene %R	Actions (Detects/Nondetects)
M-126	ok	35	J-/UJ
AA-MW-16	61	ok	J-/UJ
AA-MW-16 RE 1*	59	ok	J-/UJ
QC Limits	69-119	71-115	
*note: only chloroform was reported from this analysis			

MS/MSD Results

MS/MSD analyses were performed on samples M-7B and M-57A from this sample set. All target compounds with the exception of acetonitrile, dibromomethane, ethanol, n-heptane, 1,2,3-trichloropropane, 1,2,4-trimethylbenzene, 1,3,5-trichlorobenzene, dimethyl disulfide, 2,4-dimethylpentane, nonanal, 2-methylhexane, 3-methylhexane, 3-ethylpentane, 2,2-dimethylpentane, 2,3-dimethylpentane, 3,3-dimethylpentane, and 2,3,3-trimethylbutane were spiked into the MS and MSD samples. The %Rs and relative percent differences (RPDs) of all spiked compounds were within the QC acceptance criteria for the MS and MSD analyses with the following exceptions.

M-7B					
Compound	MS/MSD %R	RPD	QC Limits		Actions (Detects/Nondetects)
			%R	RPD	
Chloroform	632/213	94	65-150	20	J/UJ
Bromodichloromethane	152/153	ok	70-150	20	J+/Accept result
1,4-Dichlorobenzene	146/ok	24	55-129	20	J/UJ
1,2-Dichlorobenzene	147/ok	24	57-131	20	J/UJ
Styrene	0/0	ok	57-143	20	J-/R
Methyl tert-butyl ether	161/168	ok	60-150	20	J+/Accept result
Vinyl acetate	0/0	ok	20-150	20	J-/R

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M-7B					
Compound	**MS/MSD %R**	**RPD**	**QC Limits**		**Actions (Detects/Nondetects)**
			%R	**RPD**	
Methyl ethyl ketone	ok/ok	30	26-150	20	J/UJ
cis-1,3-Dichloropropene	ok/153	ok	63-150	20	J+/Accept result
1,2,3-Trichlorobenzene	ok/148	ok	45-143	20	J+/Accept result
iodomethane	ok/153	ok	20-150	20	J+/Accept result

M-57A					
Compound	**MS/MSD %R**	**RPD**	**QC Limits**		**Actions (Detects/Nondetects)**
			%R	**RPD**	
Trichlorofluoromethane	47/46	ok	60-142	20	J-/UJ
Acetone	ok/ok	24	26-150	20	J/UJ
4-Methyl-2-pentanone	ok/ok	21	44-150	20	J/UJ

LCS/LCSD Results

All target compounds with the exception of acetonitrile, dibromomethane, ethanol, n-heptane, 1,2,3-trichloropropane, 1,2,4-trimethylbenzene, 1,3,5-trichlorobenzene, dimethyl disulfide, 2,4-dimethylpentane, nonanal, 2-methylhexane, 3-methylhexane, 3-ethylpentane, 2,2-dimethylpentane, 2,3-dimethylpentane, 3,3-dimethylpentane, and 2,3,3-trimethylbutane were spiked into the LCS and LCSD samples. The %Rs and RPDs of all spiked compounds were within the QC acceptance criteria for the LCS and LCSD analyses with the following exceptions.

Compound	**LCS/LCSD %R**	**RPD**	**QC Limits**		**Actions (Detects/Nondetects)**
			%R	**RPD**	
Iodomethane	165/180	ok	33-140	20	J+/Accept result
Methyl ethyl ketone	ok/ok	21	33-140	20	J/UJ
Associated samples: QC-TB, EB-1, M-126, AA-MW-16, M-7B, M-57A					

Internal Standard Performance

The internal standards met the QC acceptance criteria in all sample analyses.

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Field Duplicate Results

A field duplicate pair was not submitted with the samples in this data set. No data validation actions were taken on this basis.

Quantitation Limits and Sample Results

Calculations were spot-checked. There were no discrepancies noted.

Dibromochloroethane was listed as a project specified compound in Table 5 of the workplan; however, the laboratory did not analyze for this compound. Also, 1,3-dichloropropene was listed as a project specific compound; however, the laboratory reported cis-1,3-dichloropropene and trans-1,3-dichloropropene as separate isomers only.

The laboratory did not report chloroform for the original analysis of sample AA-MW-16 due to suspected carry over from previous samples. The chloroform result for this sample was reported from the re-analysis (AA-MW-16 RE 1).

The following table indicates the VOC sample analyses that required dilution analysis, the dilution factor, and the reason for the required dilution.

Sample ID	Dilution Factor	Reason for Dilution
M-126	100	Benzene, chlorobenzene, chloroform, 1,2-dichlorobenzene, and 1,4-dichlorobenzene exceeded the calibration range in the undiluted analysis.
	500	Chloroform exceeded the calibration range in the 100-fold dilution.
AA-MW-16	20	Benzene, chlorobenzene, 1,4-dichlorobenzene exceeded the calibration range in the undiluted analysis.
M-57A	50	Chloroform exceeded the calibration range in the undiluted analysis.

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Memorandum

Date: January 22, 2008

To: Dave Gerry/Camarillo

From: Paula DiMattei/Westford

Subject: Data Validation, VOC Analysis
Henderson Joint Groundwater Sampling per Off-Site SAP
Tronox LLC Henderson, Nevada
SDG F7L200290

Distribution: R. Kennedy/Westford

04020-023-161 File

TH389vocpld

SUMMARY

Limited validation was performed on the data for two groundwater samples and one trip blank analyzed for a project-specific list of volatile organic compounds (VOCs) by SW-846 method 8260B. The samples were collected at the Tronox LLC site in Henderson, Nevada on December 19, 2007 and were submitted to TestAmerica in St. Louis, MO for analysis. TestAmerica-St. Louis processed the samples and reported the results under sample delivery group (SDG) F7L200290.

The analytical data were evaluated with reference to the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (10/99), the Region 9 Superfund Data Evaluation/Validation Guidance, and NDEP Guidance on Data Validation (5/06). The Regional and National Functional Guidelines were modified to accommodate the non-CLP methodology.

In general, the data are valid as reported and may be used for decision making purposes. No data were rejected. Several data points were qualified during validation due to nonconformances of the quality control (QC) acceptance criteria (see discussion below).

SAMPLES

The samples included in this review are listed below:

Sample IDs
M-5A
DUPE-1 (Field duplicate of M5-A)
QCTB (Trip blank)

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REVIEW ELEMENTS

Sample data were reviewed for the following parameters, where applicable:

- Agreement of analyses conducted with chain-of-custody (COC) requests
- Holding times and sample preservation
- Initial and continuing calibrations
- Method blanks/equipment blanks/trip blanks
- Surrogate spike recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) results
- Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) results
- Field duplicate results
- Quantitation limits and sample results

DISCUSSION

Agreement of Analyses Conducted with COC Requests

The sample reports were checked to verify that the results corresponded to analytical requests as designated on the COC. No discrepancies were noted.

Holding Times and Sample Preservation

The cooler temperatures upon receipt were within the acceptance criterion of 4± 2°C. All aqueous samples were preserved to pH <2.

The samples were analyzed within the method specified holding times.

Initial and Continuing Calibrations

The percent relative standard deviations (%RSDs), the correlation coefficients, and/or the RFs of all target compounds were within the QC acceptance criteria for the initial calibrations associated with the sample analyses with the following exceptions. Actions were applied as indicated below.

Compound	%RSD	Action (Detects/Nondetects)
1,2-Dibromo-3-chloropropane	17.9	J/UJ
Chloromethane	15.5	J/UJ
Bromomethane	19.4	J/UJ
Iodomethane	17.9	J/UJ
1,1,2-Trichloroethane	17.3	J/UJ
1,2,3-Trichloropropane	19.3	J/UJ
1,2,3-Trichlorobenzene	17.5	J/UJ
Ethanol	18.1	J/UJ
Associated samples: All samples		

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Compound	RF	Action (Detects/Nondetects)
1,2-Dibromo-3-chloropropane	0.043	J/UJ**
Ethanol	0.0033	J/UJ**
Associated Samples: All samples		
** Professional judgment was used to qualify as estimated (UJ) instead of rejected (R) as stipulated in the guidance since adequate area response was achieved and the chromatographic response was acceptable at the reported quantitation limit.		

The percent differences and percent drifts (%Ds) of all target compounds were within the QC acceptance criteria for the continuing calibrations associated with the sample analyses with the following exceptions. Actions were applied as indicated below.

Compound	%D	Action (Detects/Nondetects)
Bromomethane	26.9	J/UJ
1,2,3-Trichlorobenzene	31.9	J/UJ
Associated Samples: All samples		

Method Blanks/Equipment Blanks/Trip blanks

Chloroform was detected in the equipment blank (EB-1 reported in SDG F7L190135) associated with the samples in this data set. The presence of blank contamination indicates that false positives may exist for this compound in the associated samples. Action levels (AL) were established at 5x the concentration detected in the blank. The following table summarizes the level of blank contamination detected in the equipment blank for compounds also present in the associated samples; action levels; and the associated samples. Bromomethane and chloromethane were also detected in EB-1 but not in any of the associated samples

Compound	Concentration (µg/L)	AL (µg/L)	Associated Samples
Chloroform	0.53	2.7	M-5A , DUPE-1

Sample results were qualified as follows:

- If the sample result was < the sample quantitation limit (SQL) and < the AL, the result was reported as not detected (U) at the SQL.
- If the sample result was > SQL but < AL, the result was reported as not detected (U) at the reported concentration.
- If the sample result was > AL, the result was not qualified.

Surrogate Spike Recoveries

Surrogate percent recoveries (%Rs) were within the QC acceptance criteria in all reported sample analyses with the following exceptions.

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Sample ID	1,2-Dichloroethane-d_4 %R	Toluene-d_8 %R	Actions (Detects/Nondetects)
M-5A	ok	50	J-/UJ
M-5A RE-2	130	ok	J+/Accept result
DUPE-1	ok	53	J-/UJ
QC Limits	72-128	69-119	

MS/MSD Results

MS/MSD analyses were not performed for samples in this data set. No data validation actions were taken on this basis.

LCS/LCSD Results

All target compounds with the exception of acetonitrile, dibromomethane, ethanol, n-heptane, 1,2,3-trichloropropane, 1,2,4-trimethylbenzene, 1,3,5-trichlorobenzene, dimethyl disulfide, 2,4-dimethylpentane, nonanal, 2-methylhexane, 3-methylhexane, 3-ethylpentane, 2,2-dimethylpentane, 2,3-dimethylpentane, 3,3-dimethylpentane, and 2,3,3-trimethylbutane were spiked into the LCS and LCSD samples. The %Rs and relative percent differences (RPDs) of all spiked compounds were within the QC acceptance criteria for the LCS and LCSD analyses with the following exceptions.

Compound	LCS %R	LCSD %R	QC Limits %R	Actions (Detects/Nondetects)
1,2,3-Trichlorobenzene	134	137	71-130	J/Accept results
Associated samples: M-5A, DUPE-1, QCTB				

Field Duplicate Results

Samples M-5A and DUPE-1 were the field duplicate pair analyzed with this data set. The RPDs for the detected compounds are tabulated below. The RPDs for 1,1-dichloroethene and toluene were not calculable (NC) since these compounds were not detected in either sample M-5A or DUPE-1. Professional judgment was used to take no action since 1,1-dichloroethene in sample M-5A and toluene in sample DUPE-1 were detected at concentrations that were less than the sample quantitation limits (SQL). The RPDs were within the QC acceptance criteria for the remaining compounds.

Compound	M-5A (µg/L)	DUPE-1 (µg/L)	RPD
Benzene	39	39	0
Carbon disulfide	0.57 J	0.51 J	11

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Compound	M-5A (µg/L)	DUPE-1 (µg/L)	RPD
Chlorobenzene	5700	5800	1.7
Chloroethane	0.70 J	0.77	10
1,2-Dichlorobenzene	39	40	2.5
1,3-Dichlorobenzene	0.79 J	0.84 J	6.1
1,4-Dichlorobenzene	74 J	69 J	7.0
1,1-Dichloroethane	64 J	57 J	6.8
1,2-Dichloroethane	41	41	0
1,1-Dichloroethene	0.43	1.0 U	NC
Trichloroethene	4.6	4.6	0
Toluene	1.0 U	0.13 J	NC

Criteria: Aqueous RPD< 30, if both sample and duplicate results are > 5x SQL
The RPD criterion is doubled if both sample and duplicate results are <5x SQL

Quantitation Limits and Sample Results

Dibromochloroethane was listed as a project specified compound in Table 5 of the workplan; however, the laboratory did not analyze for this compound. Also, 1,3-dichloropropene was listed as a project specific compound; however, the laboratory reported cis-1,3-dichloropropene and trans-1,3-dichloropropene as separate isomers only.

The following table indicates the VOC sample analyses that required dilution analysis, the dilution factor, and the reason for the required dilution.

Sample ID	Dilution Factor	Reason for Dilution
M-5A	100	Chlorobenzene, 1,4-dichlorobenzene, and 1,1-dichloroethane exceeded the calibration range in the undiluted analysis.
	1000	Chlorobenzene exceeded the calibration range in the 100-fold dilution.
DUPE-1	100	Chlorobenzene, 1,4-dichlorobenzene, and 1,1-dichloroethane exceeded the calibration range in the undiluted analysis.
	1000	Chlorobenzene exceeded the calibration range in the 100-fold dilution.

LABORATORY REPORTS

TABLE OF CONTENTS - F7L190135

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. SPECIAL VOA

Henderson, NV Source Area Inv.

Lot #: F7L190135

Robert Kennedy

ENSR International Corporation
2 Technology Park Drive
Westford, MA 01886

TESTAMERICA LABORATORIES, INC.

Jerry Everett
Project Manager

January 7, 2008

13715 Rider Trail North Earth City, MO 63045 tel 314.298.8566 fax 314.298.8757 www.testamericainc.com

Case Narrative
LOT NUMBER: **F7L190135**

This report contains the analytical results for the six samples received under chain of custody by STL St. Louis on December 19, 2007. These samples are associated with your Henderson, NV Source Area Inv. project.

The analytical results included in this report meet all applicable quality control procedure requirements except as noted on the following page.

The test results in this report meet all NELAP requirements for parameters in which accreditations are held by STL St. Louis. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

All chemical analysis results are based upon sample as received, wet weight, unless noted otherwise. All radiochemistry results are based upon sample as dried and ground with the exception of tritium, unless requested wet weight by the client.

Observations/Nonconformances
Reference the chain of custody and condition upon receipt report for any variations on receipt conditions and temperature of samples on receipt.

Volatile Organics Method SW846 8260B

Batch 7360149:
The D% CCV was high outside the Method criteria for several compounds indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit or not reported in the associated samples. The D% CCV was low outside the Method criteria for some other compounds such as 2-Chloroethyl vinyl ether and Cyclohexanone. They are not the target analytes in the associated samples.

The LCS/LCSD recoveries for Ethyl acetate, 1-Butanol, 1,2,3-Trichlorobenzene, Methscrylonitrile are outside the upper QC limit, indicating a potential positive bias for that analytes. These analytes were not observed above the reporting limit in the associated samples. The RPD's for Acrlein, 1-Butanol and 1,2,3-Trichlorobenzene are outside of the QC limits, the recoveries are acceptable. Therefore the sample data was not adversely affected by this excursion. The original sample results are provided.

The D% for Methyl acetate in the ICV and Nonanal (24.2% low) in the CCV are outside of the QC limits in the initial analysis. Both results are reported for your review.

The MS and MSD recoveries for some compounds are outside the established QC limits. The RPDs are not within method acceptance criteria. A matrix interference is physically evident in the sample. Method performance is demonstrated by acceptable LCS/LCSD recoveries.
Affected Samples:
F7L190135 (2): M-126
F7L190135 (3): AA-MW-16
F7L190135 (4): M-7B

Affected Samples (cont.):
F7L190135 (5): M-57A
F7L190135 (6): QCTB

Batch 7358096:
Sample surrogate recovery for 4-Bromofluorobenzene is outside established QC limits. This excursion is attributed to high concentration compounds in the sample.
Affected Samples:
F7L190135 (2): M-126

Batch 7360149:
Sample surrogate recovery 4-Bromofluorobenzene is outside the QC limit. This excursion is attributed to a matrix interference which is physically evident in the sample.

The Internal Standard recovery for 1,4-Dichlorobenzene-d4 is high resulting in a negative bias result for the target analytes associated with the Internal Standard. This excursion is attributed to high concentration of Dichlorobenzene in the sample.
Affected Samples:
F7L190135 (2): M-126

Batch 7358096:
Sample surrogate recovery for Toluene-d8 is outside established QC limits. This excursion is attributed to high concentration compounds in the sample.
Affected Samples:
F7L190135 (3): AA-MW-16

Batch 7360149:
Sample surrogate recovery for Tooluene-d8 is outside the QC limit. This excursion is attributed to a matrix interference which is physically evident in the sample.
Affected Samples:
F7L190135 (3): AA-MW-16

Batch 7358096:
The D% CCV was high outside the Method criteria for several compounds indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit or not reported in the associated samples. The D% CCV was low outside the Method criteria for some other compounds such as Freon-114, 1,4-Dioxane and Nonanal, they are not the target analytes, the data will be reported with both results.

The LCS/LCSD recoveries for Iodomethane and Ethyl acetate are outside the upper QC limits, indicating a potential positive bias for that analytes. The analytes were not observed above the reporting limits in the associated samples. The RPDs for Acrolein, 2-Butanone, Tetrahydrofuran and

1,4-Dioxane are outside of the QC limits, their recoveries are within the QC limits. Therefore the sample data was not adversely affected by this excursion. The original sample results are provided.

Affected Samples:

F7L190135 (1): EB-1
F7L190135 (2): M-126
F7L190135 (3): AA-MW-16
F7L190135 (4): M-7B
F7L190135 (5): M-57A
F7L190135 (6): QCTB

Batch 7362155:

The D% CCV was high outside the Method criteria for several compounds indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit or not reported in the associated samples. The D% CCV was low outside the Method criteria for some other compounds such as 1,4-Dioxane, 2-Chloroethyl vinyl ether and Cyclohexanone. They are not the target analytes.

The LCS/LCSD recoveries for several compounds are outside the upper QC limits, indicating a potential positive bias for that analytes. The analytes were not observed above the reporting limit in the associated samples. Therefore the sample data was not adversely affected by this excursion. The original sample results are provided.

The LCS/LCSD RPDs for Chloroethane, 1-Butanol, 1,4-Dioxane and Cyclohexanone are not within method acceptance criteria. Their recoveries in LCS/LCSD are within QC limits demonstrating good extraction performance in the sample matrix.

The MS and MSD recoveries for some compounds are outside the established QC limits. The recoveries for Acetone are outside of the QC limits due to high concentrations in the samples. 2-Chloroethyl vinyl ether is not detected in the MS/MSD due to the sample was preserved by Hydrochloric Acid. The RPDs are not within method acceptance criteria. A matrix interference is physically evident in the sample. Method performance is demonstrated by acceptable LCS/LCSD recovery.

The samples were analyzed at dilution due to high concentrations of target analytes. The reporting limits have been adjusted only for those targets reported from the dilution run.

Affected Samples:

F7L190135 (2): M-126
F7L190135 (3): AA-MW-16
F7L190135 (5): M-57A

F7L190135 CLIENT ANALYSIS SUMMARY

Storage Loc: V89

Project Manager: JAE Quote #: 77939 SDG:

Project: SPECIAL VOA Henderson, NV Source Area Inv.

PO#: Report to: Robert Kennedy

Client: 456833 ENSR International #SMPS in LOT: 6

Date Received: 2007-12-19

Analytical Due Date: 2008-01-04

Report Due Date: 2008-01-10

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Sample control please add SO or W code to USFA line. Sample Receipt Notification Required - Robert Kennedy Organics: Report top 25 TIC's for VOA.

Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have

client specified QC pick a sample for QC, if insufficient sample volume run LCS/LCSD. RAW DATA PACKATGES REQUIRED

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	!
1	EB-1			2007-12-17 / 1140	KEE9Q	WATER

SAMPLE COMMENTS:

XX	ZZ	NONE	NONE	Archive	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: Z	WRK LOC	06	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	!
2	M-126			2007-12-18 / 805	KEE9T	WATER

SAMPLE COMMENTS:

XX	QK	SW846 8260B	Volatile Organics, GC/MS (8260B)	25	PURGE AND TRAP - 25 mL purge (Waters)	2X	SPECIAL PROJECTS	PROT: A	WRK LOC	06	TIC: Y	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	!
3	AA-MW-16			2007-12-18 / 1005	KEE9W	WATER

SAMPLE COMMENTS:

XX	QK	SW846 8260B	Volatile Organics, GC/MS (8260B)	25	PURGE AND TRAP - 25 mL purge (Waters)	2X	SPECIAL PROJECTS	PROT: A	WRK LOC	06	TIC: Y	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	!
4	M-7B			2007-12-18 / 1346	KEE91	WATER

SAMPLE COMMENTS:

XX	QK	SW846 8260B	Volatile Organics, GC/MS (8260B)	25	PURGE AND TRAP - 25 mL purge (Waters)	2X	SPECIAL PROJECTS	PROT: A	WRK LOC	06	TIC: Y	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	!
5	M-57A			2007-12-18 / 1505	KEE92	WATER

SAMPLE COMMENTS:

XX	QK	SW846 8260B	Volatile Organics, GC/MS (8260B)	25	PURGE AND TRAP - 25 mL purge (Waters)	2X	SPECIAL PROJECTS	PROT: A	WRK LOC	06	TIC: Y	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	!
6	QCTB			2007-12-18 / 600	KEE95	WATER

SAMPLE COMMENTS:

XX	QK	SW846 8260B	Volatile Organics, GC/MS (8260B)	25	PURGE AND TRAP - 25 mL purge (Waters)	2X	SPECIAL PROJECTS	PROT: A	WRK LOC	06	TIC: Y	

F7L190135

CLIENT COMMENTS SUMMARY

Storage Loc: V89
Date Received: 2007-12-19
Analytical Due Date: 2008-01-04
Report Due Date: 2008-01-10
Report Type: D Expanded Deliverable
EDD Code: EQUISTICS

Project Manager: JAE
Quote #: 77939 SDG:
Project: SPECIAL VOA
Henderson, NV Source Area Inv.
PO#:
Report to: Robert Kennedy
Client: 456833 ENSR International
#SMPS in LOT: 6

Sample control please add SO or W code to USFA line.
Sample Receipt Notification Required - Robert Kennedy
Organics: Report top 25 TIC's for VOA.

Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient sample volume run LCS/LCSD.
RAW DATA PACKATGES REQUIRED

LOT# F7L190135

CVR 1504

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB: STL

SITE Tronox DATE 12/18/07 PAGE 1 OF 1

CLIENT ENSR

PROJECT NAME: Tronox-Henderson, NV

PROJECT MANAGER: Brian Ho

JOB #: 04020-023-161

COELT LOG CODE: YES (NO)

SAMPLER SIGNATURE

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B 5035 Volatile Organics	8260B BTEX MTBE Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	EB-1	12/17/07	1140	X	X			4 vials	W	G	4	Hold Sample
2.	M-12b	12/18/07	0805	X	X				W	G	4	
3.	AA-MW-16	12/18/07	1005	X	X				W	G	4	
4.	M-7B	12/18/07	1345	X	X				W	G	4	
5.	M-57A	12/18/07	1505	X	X				W	G	4	
6.	QCTB	12/18/07	0600	X	X			2 vials	W	G	2	
7.												
8.												
9.												
10.												

ANALYTICAL METHODS

TURN-AROUND TIME: Standard

MATRIX TYPE: S - Soil, W - Water, O - Other

CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES:
All samples are preserved on ice.
Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: [X] YES [ ] NO

	SIGNATURE		DATE	TIME	
RELINQUISHED BY: ENSR		ENSR International	12/18/07	1700	TOTAL NUMBER OF CONTAINERS: 22
RECEIVED BY: M. Hilger	SIGNATURE M. Hilger	COMPANY FedEx	DATE 12-19-07	TIME 0945	METHOD OF SHIPMENT
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5405

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7L190135

- 1504 -

Condition Upon Receipt Form

Client: ENSR COC/RFA No: N/A Date: 12-19-07
Quote No: 77939 Initiated By: MM Time: 0945

Shipping Information

Shipper Name: FE
Multiple Packages Y (N)

Shipping # (s):*

1.	8640 5142 3083	6.		1.	2	6.	
2.		7.		2.		7.	
3.		8.		3.		8.	
4.		9.		4.		9.	
5.		10.		5.		10.	

Sample Temperature (s):**

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	(Y) N	Are there custody seals present on the cooler?	8.	Y (N)	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y N (N/A)	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	Y N (N/A)	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	Y N	If N/A- Was pH taken by original TestAmerica lab?
5.	(Y) (N) N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	(Y) N	Sample received in proper containers?
6.	Y (N)	Was sample received broken?	13.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y N	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes: Client did not label QCTB on Container, Log per COC per jerry

Corrective Action:

- ☐ Client Contact Name: Informed by:
- ☐ Sample(s) processed "as is"
- ☐ Sample(s) on hold until: If released, notify:

Project Management Review: Jerry Everett Date: 12-21-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

METHODS SUMMARY

F7L190135

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

F7L190135

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KEE9Q	001	EB-1	12/17/07	11:40
KEE9T	002	M-126	12/18/07	08:05
KEE9W	003	AA-MW-16	12/18/07	10:05
KEE91	004	M-7B	12/18/07	13:45
KEE92	005	M-57A	12/18/07	15:05
KEE95	006	QCTB	12/18/07	06:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

ENSR International

Client Sample ID: EB-1

GC/MS Volatiles

Lot-Sample #...: F7L190135-001 **Work Order #...:** KEE9Q1AC **Matrix.....:** W
Date Sampled...: 12/17/07 11:40 **Date Received..:** 12/19/07
Prep Date.....: 12/21/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7358096 **Analysis Time..:** 20:00
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L
2-Methylhexane	ND	1.0	ug/L
3-Methylhexane	ND	10	ug/L
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	**0.38 J**	**2.0**	**ug/L**
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L

(Continued on next page)

ENSR International

Client Sample ID: EB-1

GC/MS Volatiles

Lot-Sample #...: F7L190135-001 **Work Order #...:** KEE9Q1AC **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	1.0	ug/L
Chlorodibromomethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	**0.53 J**	**1.0**	**ug/L**
Chloromethane	**0.81 J**	**2.0**	**ug/L**
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L

(Continued on next page)

ENSR International

Client Sample ID: EB-1

GC/MS Volatiles

Lot-Sample #...: F7L190135-001 **Work Order #...:** KEE9Q1AC **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Vinyl chloride	ND	2.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	112	(69 - 119)
Dibromofluoromethane	114	(74 - 134)
1,2-Dichloroethane-d4	108	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: EB-1

GC/MS Volatiles

Lot-Sample #...: F7L190135-001 **Work Order #...:** KEE9Q2AC **Matrix.....:** W
Date Sampled...: 12/17/07 11:40 **Date Received..:** 12/19/07
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360149 **Analysis Time..:** 17:38
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L
2-Methylhexane	ND	1.0	ug/L
3-Methylhexane	ND	10	ug/L
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	**0.67 J**	**2.0**	**ug/L**
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L

(Continued on next page)

ENSR International

Client Sample ID: EB-1

GC/MS Volatiles

Lot-Sample #...: F7L190135-001 **Work Order #...:** KEE9Q2AC **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	1.0	ug/L
Chlorodibromomethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	**0.58 J**	**1.0**	**ug/L**
Chloromethane	**0.92 J**	**2.0**	**ug/L**
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L

(Continued on next page)

ENSR International

Client Sample ID: EB-1

GC/MS Volatiles

Lot-Sample #...: F7L190135-001 **Work Order #...:** KEE9Q2AC **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Vinyl chloride	ND	2.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(69 - 119)
Dibromofluoromethane	118	(74 - 134)
1,2-Dichloroethane-d4	116	(72 - 128)
4-Bromofluorobenzene	95	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: M-126

GC/MS Volatiles

Lot-Sample #...: F7L190135-002 **Work Order #...:** KEE9T1AA **Matrix.....:** W
Date Sampled...: 12/18/07 08:05 **Date Received..:** 12/19/07
Prep Date.....: 12/21/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7358096 **Analysis Time..:** 20:24
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	**250 E**	**1.0**	**ug/L**
1,3-Dichlorobenzene	**19**	**1.0**	**ug/L**
1,4-Dichlorobenzene	**220 E**	**1.0**	**ug/L**
1,1-Dichloroethane	**3.9**	**1.0**	**ug/L**
1,2-Dichloroethane	**4.4**	**1.0**	**ug/L**
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L

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ENSR International

Client Sample ID: M-126

GC/MS Volatiles

Lot-Sample #...: F7L190135-002 **Work Order #...:** KEE9T1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	**130 E**	**1.0**	**ug/L**
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	**3.5**	**1.0**	**ug/L**
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	**190 E**	**1.0**	**ug/L**
Chlorodibromomethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	**1400 E**	**1.0**	**ug/L**
Chloromethane	**0.43 J**	**2.0**	**ug/L**
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	**12**	**1.0**	**ug/L**
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Tetrachloroethene	**1.1**	**1.0**	**ug/L**
2-Methylhexane	ND	1.0	ug/L

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ENSR International

Client Sample ID: M-126

GC/MS Volatiles

Lot-Sample #...: F7L190135-002 **Work Order #...:** KEE9T1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Methylhexane	ND	10	ug/L
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	73	(69 - 119)
Dibromofluoromethane	116	(74 - 134)
1,2-Dichloroethane-d4	110	(72 - 128)
4-Bromofluorobenzene	35 *	(71 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

E Estimated result. Result concentration exceeds the calibration range.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: M-126

GC/MS Volatiles

Lot-Sample #...: F7L190135-002 **Work Order #...:** KEE9T2AA **Matrix.....:** W
Date Sampled...: 12/18/07 08:05 **Date Received..:** 12/19/07
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360149 **Analysis Time..:** 21:05
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	**230 E**	**1.0**	**ug/L**
1,3-Dichlorobenzene	**18**	**1.0**	**ug/L**
1,4-Dichlorobenzene	**200 E**	**1.0**	**ug/L**
1,1-Dichloroethane	**3.7**	**1.0**	**ug/L**
1,2-Dichloroethane	**4.8**	**1.0**	**ug/L**
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L

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ENSR International

Client Sample ID: M-126

GC/MS Volatiles

Lot-Sample #...: F7L190135-002 **Work Order #...:** KEE9T2AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	**130 E**	**1.0**	**ug/L**
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	**6.2**	**1.0**	**ug/L**
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	**1.4**	**1.0**	**ug/L**
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	**170 E**	**1.0**	**ug/L**
Chlorodibromomethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	**1500 E**	**1.0**	**ug/L**
Chloromethane	**0.60 J**	**2.0**	**ug/L**
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	**13**	**1.0**	**ug/L**
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Tetrachloroethene	**0.90 J**	**1.0**	**ug/L**
2-Methylhexane	ND	1.0	ug/L

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ENSR International

Client Sample ID: M-126

GC/MS Volatiles

Lot-Sample #...: F7L190135-002 **Work Order #...:** KEE9T2AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Methylhexane	ND	10	ug/L
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	69	(69 - 119)
Dibromofluoromethane	116	(74 - 134)
1,2-Dichloroethane-d4	116	(72 - 128)
4-Bromofluorobenzene	35 *	(71 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

E Estimated result. Result concentration exceeds the calibration range.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: M-126

GC/MS Volatiles

Lot-Sample #...: F7L190135-002 **Work Order #...:** KEE9T3AA **Matrix.....:** W
Date Sampled...: 12/18/07 08:05 **Date Received..:** 12/19/07
Prep Date.....: 12/27/07 **Analysis Date..:** 12/27/07
Prep Batch #...: 7362155 **Analysis Time..:** 16:06
Dilution Factor: 100
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2-Dichlorobenzene	**630 D**	**100**	**ug/L**
1,4-Dichlorobenzene	**850 D**	**100**	**ug/L**
Benzene	**88 J,D**	**100**	**ug/L**
Chlorobenzene	**190 D**	**100**	**ug/L**
Chloroform	**1400 D,E**	**100**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(69 - 119)
Dibromofluoromethane	119	(74 - 134)
1,2-Dichloroethane-d4	111	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: M-126

GC/MS Volatiles

Lot-Sample #...: F7L190135-002 **Work Order #...:** KEE9T4AA **Matrix.....:** W
Date Sampled...: 12/18/07 08:05 **Date Received..:** 12/19/07
Prep Date.....: 12/27/07 **Analysis Date..:** 12/27/07
Prep Batch #...: 7362155 **Analysis Time..:** 16:30
Dilution Factor: 500
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloroform	**6900 D**	**500**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(69 - 119)
Dibromofluoromethane	116	(74 - 134)
1,2-Dichloroethane-d4	117	(72 - 128)
4-Bromofluorobenzene	100	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

ENSR International

Client Sample ID: AA-MW-16

GC/MS Volatiles

Lot-Sample #...: F7L190135-003 **Work Order #...:** KEE9W1AA **Matrix.....:** W
Date Sampled...: 12/18/07 10:05 **Date Received..:** 12/19/07
Prep Date.....: 12/21/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7358096 **Analysis Time..:** 20:48
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	**37**	**1.0**	**ug/L**
1,3-Dichlorobenzene	**2.4**	**1.0**	**ug/L**
1,4-Dichlorobenzene	**51 E**	**1.0**	**ug/L**
1,1-Dichloroethane	**4.9**	**1.0**	**ug/L**
1,2-Dichloroethane	**2.9**	**1.0**	**ug/L**
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L

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ENSR International

Client Sample ID: AA-MW-16

GC/MS Volatiles

Lot-Sample #...: F7L190135-003 **Work Order #...:** KEE9W1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	**120 E**	**1.0**	**ug/L**
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	**180 E**	**1.0**	**ug/L**
Chlorodibromomethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloromethane	**0.44 J**	**2.0**	**ug/L**
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Tetrachloroethene	**0.72 J**	**1.0**	**ug/L**
2-Methylhexane	ND	1.0	ug/L
3-Methylhexane	ND	10	ug/L

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ENSR International

Client Sample ID: AA-MW-16

GC/MS Volatiles

Lot-Sample #...: F7L190135-003 **Work Order #...:** KEE9W1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	61 *	(69 - 119)
Dibromofluoromethane	110	(74 - 134)
1,2-Dichloroethane-d4	115	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

E Estimated result. Result concentration exceeds the calibration range.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: AA-MW-16

GC/MS Volatiles

Lot-Sample #...: F7L190135-003 **Work Order #...:** KEE9W2AA **Matrix.....:** W
Date Sampled...: 12/18/07 10:05 **Date Received..:** 12/19/07
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360149 **Analysis Time..:** 20:15
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	**32**	**1.0**	**ug/L**
1,3-Dichlorobenzene	**1.9**	**1.0**	**ug/L**
1,4-Dichlorobenzene	**43**	**1.0**	**ug/L**
1,1-Dichloroethane	**4.8**	**1.0**	**ug/L**
1,2-Dichloroethane	**3.1**	**1.0**	**ug/L**
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L

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ENSR International

Client Sample ID: AA-MW-16

GC/MS Volatiles

Lot-Sample #...: F7L190135-003 **Work Order #...:** KEE9W2AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	**110 E**	**1.0**	**ug/L**
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	**170 E**	**1.0**	**ug/L**
Chlorodibromomethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	**4.4**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Tetrachloroethene	**0.58 J**	**1.0**	**ug/L**
2-Methylhexane	ND	1.0	ug/L

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ENSR International

Client Sample ID: AA-MW-16

GC/MS Volatiles

Lot-Sample #...: F7L190135-003 **Work Order #...:** KEE9W2AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Methylhexane	ND	10	ug/L
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	59 *	(69 - 119)
Dibromofluoromethane	114	(74 - 134)
1,2-Dichloroethane-d4	122	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

E Estimated result. Result concentration exceeds the calibration range.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: AA-MW-16

GC/MS Volatiles

Lot-Sample #...: F7L190135-003 **Work Order #...:** KEE9W3AA **Matrix.....:** W
Date Sampled...: 12/18/07 10:05 **Date Received..:** 12/19/07
Prep Date.....: 12/27/07 **Analysis Date..:** 12/27/07
Prep Batch #...: 7362155 **Analysis Time..:** 16:55
Dilution Factor: 20
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	**42 D**	**20**	**ug/L**
Benzene	**93 D**	**20**	**ug/L**
Chlorobenzene	**270 D**	**20**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(69 - 119)
Dibromofluoromethane	117	(74 - 134)
1,2-Dichloroethane-d4	125	(72 - 128)
4-Bromofluorobenzene	97	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

ENSR International

Client Sample ID: M-7B

GC/MS Volatiles

Lot-Sample #...: F7L190135-004 **Work Order #...:** KEE912AA **Matrix.....:** W
Date Sampled...: 12/18/07 13:45 **Date Received..:** 12/19/07
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360149 **Analysis Time..:** 17:13
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	**2.4**	**1.0**	**ug/L**
1,2-Dichloroethane	**2.1**	**1.0**	**ug/L**
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L

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ENSR International

Client Sample ID: M-7B

GC/MS Volatiles

Lot-Sample #...: F7L190135-004 **Work Order #...:** KEE912AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chlorodibromomethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	**2.2**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Methylhexane	ND	1.0	ug/L

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ENSR International

Client Sample ID: M-7B

GC/MS Volatiles

Lot-Sample #...: F7L190135-004 **Work Order #...:** KEE912AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Methylhexane	ND	10	ug/L
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(69 - 119)
Dibromofluoromethane	111	(74 - 134)
1,2-Dichloroethane-d4	121	(72 - 128)
4-Bromofluorobenzene	98	(71 - 115)

ENSR International

Client Sample ID: M-57A

GC/MS Volatiles

Lot-Sample #...: F7L190135-005 **Work Order #...:** KEE921AA **Matrix.....:** W
Date Sampled...: 12/18/07 15:05 **Date Received..:** 12/19/07
Prep Date.....: 12/21/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7358096 **Analysis Time..:** 21:37
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloroethane	ND	2.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	**3.4**	**1.0**	**ug/L**
1,3-Dichlorobenzene	**0.36 J**	**1.0**	**ug/L**
1,4-Dichlorobenzene	**8.1**	**1.0**	**ug/L**
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	**1.1**	**1.0**	**ug/L**
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L

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ENSR International

Client Sample ID: M-57A

GC/MS Volatiles

Lot-Sample #...: F7L190135-005 **Work Order #...:** KEE921AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	**2.4**	**1.0**	**ug/L**
Chlorobenzene	**0.76 J**	**1.0**	**ug/L**
Chlorodibromomethane	ND	1.0	ug/L
Chloroform	**550 E**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Tetrachloroethene	**0.79 J**	**1.0**	**ug/L**
2-Methylhexane	ND	1.0	ug/L
3-Methylhexane	ND	10	ug/L

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ENSR International

Client Sample ID: M-57A

GC/MS Volatiles

Lot-Sample #...: F7L190135-005 **Work Order #...:** KEE921AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(69 - 119)
Dibromofluoromethane	113	(74 - 134)
1,2-Dichloroethane-d4	106	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: M-57A

GC/MS Volatiles

Lot-Sample #...: F7L190135-005 **Work Order #...:** KEE922AA **Matrix.....:** W
Date Sampled...: 12/18/07 15:05 **Date Received..:** 12/19/07
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360149 **Analysis Time..:** 20:40
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloroethane	ND	2.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	**3.4**	**1.0**	**ug/L**
1,3-Dichlorobenzene	**0.38 J**	**1.0**	**ug/L**
1,4-Dichlorobenzene	**7.9**	**1.0**	**ug/L**
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	**0.43 J**	**1.0**	**ug/L**
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	**1.0**	**1.0**	**ug/L**
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L

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ENSR International

Client Sample ID: M-57A

GC/MS Volatiles

Lot-Sample #...: F7L190135-005 **Work Order #...:** KEE922AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	**0.23 J**	**1.0**	**ug/L**
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	**2.4**	**1.0**	**ug/L**
Chlorobenzene	**3.0**	**1.0**	**ug/L**
Chlorodibromomethane	ND	1.0	ug/L
Chloroform	**520 E**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Tetrachloroethene	**0.75 J**	**1.0**	**ug/L**
2-Methylhexane	ND	1.0	ug/L
3-Methylhexane	ND	10	ug/L

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ENSR International

Client Sample ID: M-57A

GC/MS Volatiles

Lot-Sample #...: F7L190135-005 **Work Order #...:** KEE922AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(69 - 119)
Dibromofluoromethane	116	(74 - 134)
1,2-Dichloroethane-d4	119	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: M-57A

GC/MS Volatiles

Lot-Sample #...: F7L190135-005 **Work Order #...:** KEE923AA **Matrix.....:** W
Date Sampled...: 12/18/07 15:05 **Date Received..:** 12/19/07
Prep Date.....: 12/27/07 **Analysis Date..:** 12/27/07
Prep Batch #...: 7362155 **Analysis Time..:** 17:20
Dilution Factor: 50
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloroform	**420 D**	**50**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(69 - 119)
Dibromofluoromethane	119	(74 - 134)
1,2-Dichloroethane-d4	117	(72 - 128)
4-Bromofluorobenzene	105	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

ENSR International

Client Sample ID: QCTB

GC/MS Volatiles

Lot-Sample #...: F7L190135-006 **Work Order #...:** KEE951AA **Matrix.....:** W
Date Sampled...: 12/18/07 06:00 **Date Received..:** 12/19/07
Prep Date.....: 12/21/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7358096 **Analysis Time..:** 19:36
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L

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ENSR International

Client Sample ID: QCTB

GC/MS Volatiles

Lot-Sample #...: F7L190135-006 **Work Order #...:** KEE951AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chlorodibromomethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	**0.22 J**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Methylhexane	ND	1.0	ug/L

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ENSR International

Client Sample ID: QCTB

GC/MS Volatiles

Lot-Sample #...: F7L190135-006 **Work Order #...:** KEE951AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Methylhexane	ND	10	ug/L
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	109	(69 - 119)
Dibromofluoromethane	105	(74 - 134)
1,2-Dichloroethane-d4	108	(72 - 128)
4-Bromofluorobenzene	103	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: QCTB

GC/MS Volatiles

Lot-Sample #...: F7L190135-006 **Work Order #...:** KEE952AA **Matrix.....:** W
Date Sampled...: 12/18/07 06:00 **Date Received..:** 12/19/07
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360149 **Analysis Time..:** 16:49
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chlorodibromomethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	**0.24 J**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Methylhexane	ND	1.0	ug/L

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ENSR International

Client Sample ID: QCTB

GC/MS Volatiles

Lot-Sample #...: F7L190135-006 **Work Order #...:** KEE952AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Methylhexane	ND	10	ug/L
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L

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ENSR International

Client Sample ID: QCTB

GC/MS Volatiles

Lot-Sample #...: F7L190135-006 **Work Order #...:** KEE952AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(69 - 119)
Dibromofluoromethane	114	(74 - 134)
1,2-Dichloroethane-d4	119	(72 - 128)
4-Bromofluorobenzene	99	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KET0C1AA **Matrix.....:** WATER
MB Lot-Sample #: F7L240000-096
Prep Date.....: 12/21/07 **Analysis Time..:** 15:08
Analysis Date..: 12/21/07 **Prep Batch #...:** 7358096
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	2.0	ug/L	SW846 8260B
Acetonitrile	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Chlorobromomethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Methyl ethyl ketone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chlorodibromomethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethanol	ND	250	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KET0C1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
n-Heptane	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Dichloromethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
2-Nitropropane	ND	10	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	2.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
1,3,5-Trichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L	SW846 8260B
Dimethyl disulfide	ND	5.0	ug/L	SW846 8260B
2,4-Dimethylpentane	ND	1.0	ug/L	SW846 8260B
Nonanal	ND	5.0	ug/L	SW846 8260B
2-Methylhexane	ND	1.0	ug/L	SW846 8260B
3-Methylhexane	ND	10	ug/L	SW846 8260B
3-ethylpentane	ND	10	ug/L	SW846 8260B
2,2-Dimethylpentane	ND	1.0	ug/L	SW846 8260B
2,3-Dimethylpentane	ND	1.0	ug/L	SW846 8260B
3,3-dimethylpentane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KET0C1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2,3-Trimethylbutane	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(69 - 119)
Dibromofluoromethane	106	(74 - 134)
1,2-Dichloroethane-d4	104	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KERR91AA **Matrix.....:** WATER
MB Lot-Sample #: F7L260000-149
Prep Date.....: 12/24/07 **Analysis Time..:** 13:31
Analysis Date..: 12/24/07 **Prep Batch #...:** 7360149
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	2.0	ug/L	SW846 8260B
Acetonitrile	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Chlorobromomethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Methyl ethyl ketone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chlorodibromomethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethanol	ND	250	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KERR91AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
n-Heptane	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Dichloromethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
2-Nitropropane	ND	10	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	2.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
1,3,5-Trichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L	SW846 8260B
Dimethyl disulfide	ND	5.0	ug/L	SW846 8260B
2,4-Dimethylpentane	ND	1.0	ug/L	SW846 8260B
Nonanal	ND	5.0	ug/L	SW846 8260B
2-Methylhexane	ND	1.0	ug/L	SW846 8260B
3-Methylhexane	ND	10	ug/L	SW846 8260B
3-ethylpentane	ND	10	ug/L	SW846 8260B
2,2-Dimethylpentane	ND	1.0	ug/L	SW846 8260B
2,3-Dimethylpentane	ND	1.0	ug/L	SW846 8260B
3,3-dimethylpentane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KERR91AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2,3-Trimethylbutane	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	103	(69 - 119)
Dibromofluoromethane	114	(74 - 134)
1,2-Dichloroethane-d4	113	(72 - 128)
4-Bromofluorobenzene	107	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KEWA41AA **Matrix.....:** WATER
MB Lot-Sample #: F7L280000-155
Prep Date.....: 12/27/07 **Analysis Time..:** 13:37
Analysis Date..: 12/27/07 **Prep Batch #...:** 7362155
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(69 - 119)
Dibromofluoromethane	115	(74 - 134)
1,2-Dichloroethane-d4	113	(72 - 128)
4-Bromofluorobenzene	102	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KET0C1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L240000-096 KET0C1AD-LCSD
Prep Date.....: 12/21/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7358096 **Analysis Time..:** 13:49
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Bromodichloromethane	101	(84 - 123)			SW846 8260B
	102	(84 - 123)	1.2	(0-20)	SW846 8260B
1,1,2-Trichloroethane	94	(75 - 122)			SW846 8260B
	94	(75 - 122)	0.26	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	103	(85 - 126)			SW846 8260B
	105	(85 - 126)	2.3	(0-20)	SW846 8260B
Toluene	101	(82 - 123)			SW846 8260B
	100	(82 - 123)	1.1	(0-20)	SW846 8260B
m-Xylene & p-Xylene	100	(85 - 121)			SW846 8260B
	98	(85 - 121)	1.5	(0-20)	SW846 8260B
o-Xylene	100	(85 - 125)			SW846 8260B
	100	(85 - 125)	0.20	(0-20)	SW846 8260B
1,3-Dichlorobenzene	94	(85 - 115)			SW846 8260B
	94	(85 - 115)	0.27	(0-20)	SW846 8260B
1,4-Dichlorobenzene	92	(85 - 115)			SW846 8260B
	91	(85 - 115)	0.53	(0-20)	SW846 8260B
2-Hexanone	72	(59 - 135)			SW846 8260B
	82	(59 - 135)	13	(0-20)	SW846 8260B
4-Methyl-2-pentanone	95	(59 - 140)			SW846 8260B
	101	(59 - 140)	6.4	(0-20)	SW846 8260B
Chlorobenzene	98	(84 - 116)			SW846 8260B
	98	(84 - 116)	0.070	(0-20)	SW846 8260B
Bromoform	104	(78 - 127)			SW846 8260B
	106	(78 - 127)	2.4	(0-20)	SW846 8260B
Ethylbenzene	99	(85 - 126)			SW846 8260B
	100	(85 - 126)	1.6	(0-20)	SW846 8260B
Styrene	92	(85 - 125)			SW846 8260B
	94	(85 - 125)	2.7	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	88	(70 - 125)			SW846 8260B
	90	(70 - 125)	3.0	(0-20)	SW846 8260B
Tetrachloroethene	106	(64 - 127)			SW846 8260B
	102	(64 - 127)	3.0	(0-20)	SW846 8260B
1,2-Dichlorobenzene	92	(85 - 115)			SW846 8260B
	96	(85 - 115)	3.7	(0-20)	SW846 8260B
Bromobenzene	97	(85 - 115)			SW846 8260B
	96	(85 - 115)	0.75	(0-20)	SW846 8260B
Chlorobromomethane	96	(66 - 153)			SW846 8260B
	103	(66 - 153)	7.1	(0-20)	SW846 8260B
n-Butylbenzene	101	(68 - 136)			SW846 8260B
	98	(68 - 136)	3.3	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KET0C1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L240000-096 KET0C1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
sec-Butylbenzene	99	(78 - 131)			SW846 8260B
	96	(78 - 131)	3.4	(0-20)	SW846 8260B
tert-Butylbenzene	100	(74 - 129)			SW846 8260B
	98	(74 - 129)	2.7	(0-20)	SW846 8260B
2-Chlorotoluene	94	(79 - 125)			SW846 8260B
	95	(79 - 125)	1.2	(0-20)	SW846 8260B
4-Chlorotoluene	94	(82 - 126)			SW846 8260B
	96	(82 - 126)	1.3	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	84	(58 - 132)			SW846 8260B
	89	(58 - 132)	6.3	(0-20)	SW846 8260B
Dichlorodifluoromethane (Freon 12)	80	(36 - 140)			SW846 8260B
	81	(36 - 140)	1.6	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	104	(85 - 121)			SW846 8260B
	98	(85 - 121)	5.7	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	100	(81 - 118)			SW846 8260B
	98	(81 - 118)	2.8	(0-20)	SW846 8260B
1,3-Dichloropropane	95	(79 - 123)			SW846 8260B
	102	(79 - 123)	6.8	(0-20)	SW846 8260B
2,2-Dichloropropane	100	(76 - 124)			SW846 8260B
	98	(76 - 124)	1.9	(0-20)	SW846 8260B
1,1-Dichloropropene	103	(85 - 122)			SW846 8260B
	102	(85 - 122)	0.78	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	108	(57 - 134)			SW846 8260B
	104	(57 - 134)	3.8	(0-20)	SW846 8260B
Isopropylbenzene	97	(75 - 135)			SW846 8260B
	95	(75 - 135)	2.1	(0-20)	SW846 8260B
p-Isopropyltoluene	102	(74 - 128)			SW846 8260B
	98	(74 - 128)	3.3	(0-20)	SW846 8260B
Methyl tert-butyl ether (MTBE)	95	(68 - 133)			SW846 8260B
	103	(68 - 133)	8.0	(0-20)	SW846 8260B
2-Nitropropane	81	(65 - 133)			SW846 8260B
	92	(65 - 133)	13	(0-20)	SW846 8260B
n-Propylbenzene	97	(72 - 136)			SW846 8260B
	97	(72 - 136)	0.58	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	102	(80 - 122)			SW846 8260B
	98	(80 - 122)	4.1	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KET0C1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L240000-096 KET0C1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,3-Trichlorobenzene	99	(71 - 130)			SW846 8260B
	97	(71 - 130)	2.0	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	103	(74 - 123)			SW846 8260B
	100	(74 - 123)	2.1	(0-20)	SW846 8260B
Trichlorofluoromethane	92	(71 - 133)			SW846 8260B
	93	(71 - 133)	1.0	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	98	(73 - 128)			SW846 8260B
	97	(73 - 128)	1.4	(0-20)	SW846 8260B
Acetonitrile	99	(44 - 135)			SW846 8260B
	83	(44 - 135)	18	(0-20)	SW846 8260B
Iodomethane	165 a	(33 - 140)			SW846 8260B
	180 a	(33 - 140)	8.6	(0-20)	SW846 8260B
Vinyl acetate	112	(23 - 140)			SW846 8260B
	114	(23 - 140)	0.88	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	97	(84 - 127)			SW846 8260B
	104	(84 - 127)	6.2	(0-20)	SW846 8260B
Chlorodibromomethane	104	(69 - 136)			SW846 8260B
	106	(69 - 136)	1.7	(0-20)	SW846 8260B
Chloromethane	69	(65 - 135)			SW846 8260B
	69	(65 - 135)	0.55	(0-20)	SW846 8260B
Vinyl chloride	86	(67 - 138)			SW846 8260B
	91	(67 - 138)	5.3	(0-20)	SW846 8260B
Bromomethane	136	(38 - 140)			SW846 8260B
	135	(38 - 140)	0.88	(0-20)	SW846 8260B
Chloroethane	104	(64 - 139)			SW846 8260B
	108	(64 - 139)	3.2	(0-20)	SW846 8260B
Acetone	77	(46 - 133)			SW846 8260B
	75	(46 - 133)	2.8	(0-20)	SW846 8260B
1,1-Dichloroethene	100	(61 - 130)			SW846 8260B
	102	(61 - 130)	1.6	(0-20)	SW846 8260B
Dichloromethane	93	(74 - 139)			SW846 8260B
	107	(74 - 139)	13	(0-20)	SW846 8260B
Carbon disulfide	105	(40 - 140)			SW846 8260B
	103	(40 - 140)	1.6	(0-20)	SW846 8260B
1,1-Dichloroethane	100	(83 - 115)			SW846 8260B
	101	(83 - 115)	0.59	(0-20)	SW846 8260B
Methyl ethyl ketone	80	(30 - 140)			SW846 8260B
	98 p	(30 - 140)	21	(0-20)	SW846 8260B
1,2-Dichloroethene (total)	102	(85 - 118)			SW846 8260B
	98	(85 - 118)	4.3	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KET0C1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L240000-096 KET0C1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Chloroform	97	(84 - 117)			SW846 8260B
	97	(84 - 117)	0.020	(0-20)	SW846 8260B
1,1,1-Trichloroethane	100	(81 - 120)			SW846 8260B
	101	(81 - 120)	0.99	(0-20)	SW846 8260B
Carbon tetrachloride	108	(73 - 132)			SW846 8260B
	106	(73 - 132)	1.7	(0-20)	SW846 8260B
1,2-Dichloroethane	96	(78 - 121)			SW846 8260B
	96	(78 - 121)	0.77	(0-20)	SW846 8260B
Benzene	98	(84 - 117)			SW846 8260B
	96	(84 - 117)	1.7	(0-20)	SW846 8260B
Trichloroethene	102	(78 - 120)			SW846 8260B
	101	(78 - 120)	1.2	(0-20)	SW846 8260B
1,2-Dichloropropane	95	(81 - 120)			SW846 8260B
	98	(81 - 120)	2.9	(0-20)	SW846 8260B
Allyl chloride	107	(57 - 136)			SW846 8260B
	110	(57 - 136)	2.6	(0-20)	SW846 8260B
Cyclohexanone	81	(24 - 140)			SW846 8260B
	72	(24 - 140)	13	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	93	(71 - 130)			SW846 8260B
	104	(71 - 130)	12	(0-20)	SW846 8260B
trans-1,4-Dichloro-2-butene	89	(51 - 133)			SW846 8260B
	94	(51 - 133)	6.2	(0-20)	SW846 8260B
Ethyl methacrylate	83	(64 - 121)			SW846 8260B
	90	(64 - 121)	8.2	(0-20)	SW846 8260B
Hexachlorobutadiene	109	(66 - 137)			SW846 8260B
	101	(66 - 137)	7.5	(0-20)	SW846 8260B
n-Hexane	114	(53 - 140)			SW846 8260B
	112	(53 - 140)	2.2	(0-20)	SW846 8260B
Methyl methacrylate	102	(56 - 131)			SW846 8260B
	96	(56 - 131)	6.4	(0-20)	SW846 8260B
Naphthalene	90	(58 - 132)			SW846 8260B
	93	(58 - 132)	2.9	(0-20)	SW846 8260B
Tetrahydrofuran	81	(60 - 140)			SW846 8260B
	101 p	(60 - 140)	22	(0-20)	SW846 8260B
Ethyl ether	98	(62 - 137)			SW846 8260B
	100	(62 - 137)	2.2	(0-20)	SW846 8260B
1-Butanol	123	(20 - 140)			SW846 8260B
	112	(20 - 140)	9.6	(0-20)	SW846 8260B
Ethyl acetate	209 a	(40 - 140)			SW846 8260B
	223 a	(40 - 140)	6.6	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KET0C1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L240000-096 KET0C1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2-Chloroethyl vinyl ether	**91**	**(18 - 140)**			**SW846 8260B**
	85	**(18 - 140)**	**7.4**	**(0-20)**	**SW846 8260B**
Acrolein	**71**	**(20 - 140)**			**SW846 8260B**
	95 p	**(20 - 140)**	**29**	**(0-20)**	**SW846 8260B**
Acrylonitrile	**106**	**(73 - 136)**			**SW846 8260B**
	100	**(73 - 136)**	**5.8**	**(0-20)**	**SW846 8260B**
Cyclohexane	**108**	**(24 - 140)**			**SW846 8260B**
	105	**(24 - 140)**	**2.1**	**(0-20)**	**SW846 8260B**
Isobutanol	**87**	**(50 - 140)**			**SW846 8260B**
	93	**(50 - 140)**	**6.5**	**(0-20)**	**SW846 8260B**
Methacrylonitrile	**120**	**(65 - 140)**			**SW846 8260B**
	126	**(65 - 140)**	**4.9**	**(0-20)**	**SW846 8260B**
Methylcyclohexane	**106**	**(68 - 140)**			**SW846 8260B**
	104	**(68 - 140)**	**1.7**	**(0-20)**	**SW846 8260B**
Propionitrile	**95**	**(64 - 139)**			**SW846 8260B**
	97	**(64 - 139)**	**2.2**	**(0-20)**	**SW846 8260B**
1,4-Dioxane	**57**	**(48 - 140)**			**SW846 8260B**
	73 p	**(48 - 140)**	**24**	**(0-20)**	**SW846 8260B**
Pentachloroethane	**103**	**(49 - 140)**			**SW846 8260B**
	103	**(49 - 140)**	**0.0**	**(0-20)**	**SW846 8260B**
Methyl acetate	**67**	**(38 - 140)**			**SW846 8260B**
	55	**(38 - 140)**	**19**	**(0-20)**	**SW846 8260B**
2-Chloro-1,3-butadiene	**105**	**(71 - 140)**			**SW846 8260B**
	102	**(71 - 140)**	**2.6**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	110	(85 - 121)
	107	(85 - 121)
Dibromofluoromethane	104	(84 - 117)
	105	(84 - 117)
1,2-Dichloroethane-d4	99	(72 - 124)
	99	(72 - 124)
4-Bromofluorobenzene	95	(80 - 121)
	94	(80 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KERR91AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L260000-149 KERR91AD-LCSD
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360149 **Analysis Time..:** 12:08
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Isopropylbenzene	85	(75 - 135)			SW846 8260B
	87	(75 - 135)	2.6	(0-20)	SW846 8260B
p-Isopropyltoluene	89	(74 - 128)			SW846 8260B
	92	(74 - 128)	3.0	(0-20)	SW846 8260B
Methyl tert-butyl ether (MTBE)	118	(68 - 133)			SW846 8260B
	120	(68 - 133)	1.8	(0-20)	SW846 8260B
2-Nitropropane	104	(65 - 133)			SW846 8260B
	106	(65 - 133)	2.3	(0-20)	SW846 8260B
n-Propylbenzene	86	(72 - 136)			SW846 8260B
	89	(72 - 136)	3.0	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	102	(80 - 122)			SW846 8260B
	104	(80 - 122)	1.6	(0-20)	SW846 8260B
1,2,3-Trichlorobenzene	134 a	(71 - 130)			SW846 8260B
	137 a	(71 - 130)	2.1	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	118	(74 - 123)			SW846 8260B
	122	(74 - 123)	3.6	(0-20)	SW846 8260B
Trichlorofluoromethane	84	(71 - 133)			SW846 8260B
	92	(71 - 133)	8.8	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	90	(73 - 128)			SW846 8260B
	91	(73 - 128)	1.2	(0-20)	SW846 8260B
Acetonitrile	106	(44 - 135)			SW846 8260B
	94	(44 - 135)	12	(0-20)	SW846 8260B
Iodomethane	84	(33 - 140)			SW846 8260B
	92	(33 - 140)	8.5	(0-20)	SW846 8260B
Vinyl acetate	128	(23 - 140)			SW846 8260B
	136	(23 - 140)	6.0	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	112	(84 - 127)			SW846 8260B
	112	(84 - 127)	0.17	(0-20)	SW846 8260B
Chlorodibromomethane	114	(69 - 136)			SW846 8260B
	114	(69 - 136)	0.43	(0-20)	SW846 8260B
Chloromethane	80	(65 - 135)			SW846 8260B
	89	(65 - 135)	11	(0-20)	SW846 8260B
Vinyl chloride	87	(67 - 138)			SW846 8260B
	97	(67 - 138)	11	(0-20)	SW846 8260B
Bromomethane	112	(38 - 140)			SW846 8260B
	118	(38 - 140)	4.9	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KERR91AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L260000-149 KERR91AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Chloroethane	81	(64 - 139)			SW846 8260B
	82	(64 - 139)	0.94	(0-20)	SW846 8260B
Acetone	95	(46 - 133)			SW846 8260B
	88	(46 - 133)	7.2	(0-20)	SW846 8260B
1,1-Dichloroethene	96	(61 - 130)			SW846 8260B
	98	(61 - 130)	2.2	(0-20)	SW846 8260B
Dichloromethane	104	(74 - 139)			SW846 8260B
	109	(74 - 139)	3.9	(0-20)	SW846 8260B
Carbon disulfide	102	(40 - 140)			SW846 8260B
	104	(40 - 140)	2.0	(0-20)	SW846 8260B
1,1-Dichloroethane	98	(83 - 115)			SW846 8260B
	97	(83 - 115)	1.2	(0-20)	SW846 8260B
Methyl ethyl ketone	97	(30 - 140)			SW846 8260B
	94	(30 - 140)	3.9	(0-20)	SW846 8260B
1,2-Dichloroethene (total)	99	(85 - 118)			SW846 8260B
	99	(85 - 118)	0.55	(0-20)	SW846 8260B
Chloroform	98	(84 - 117)			SW846 8260B
	103	(84 - 117)	4.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	97	(81 - 120)			SW846 8260B
	99	(81 - 120)	1.6	(0-20)	SW846 8260B
Carbon tetrachloride	104	(73 - 132)			SW846 8260B
	106	(73 - 132)	2.7	(0-20)	SW846 8260B
1,2-Dichloroethane	104	(78 - 121)			SW846 8260B
	104	(78 - 121)	0.090	(0-20)	SW846 8260B
Benzene	98	(84 - 117)			SW846 8260B
	99	(84 - 117)	0.54	(0-20)	SW846 8260B
Trichloroethene	102	(78 - 120)			SW846 8260B
	100	(78 - 120)	1.8	(0-20)	SW846 8260B
1,2-Dichloropropane	102	(81 - 120)			SW846 8260B
	106	(81 - 120)	4.0	(0-20)	SW846 8260B
Bromodichloromethane	110	(84 - 123)			SW846 8260B
	110	(84 - 123)	0.090	(0-20)	SW846 8260B
1,1,2-Trichloroethane	103	(75 - 122)			SW846 8260B
	103	(75 - 122)	0.58	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	110	(85 - 126)			SW846 8260B
	105	(85 - 126)	4.6	(0-20)	SW846 8260B
Toluene	95	(82 - 123)			SW846 8260B
	95	(82 - 123)	0.97	(0-20)	SW846 8260B
m-Xylene & p-Xylene	94	(85 - 121)			SW846 8260B
	95	(85 - 121)	0.73	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KERR91AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L260000-149 KERR91AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
o-Xylene	102	(85 - 125)			SW846 8260B
	99	(85 - 125)	2.6	(0-20)	SW846 8260B
1,3-Dichlorobenzene	94	(85 - 115)			SW846 8260B
	96	(85 - 115)	1.2	(0-20)	SW846 8260B
1,4-Dichlorobenzene	93	(85 - 115)			SW846 8260B
	96	(85 - 115)	3.1	(0-20)	SW846 8260B
2-Hexanone	106	(59 - 135)			SW846 8260B
	93	(59 - 135)	13	(0-20)	SW846 8260B
4-Methyl-2-pentanone	126	(59 - 140)			SW846 8260B
	114	(59 - 140)	10	(0-20)	SW846 8260B
Chlorobenzene	100	(84 - 116)			SW846 8260B
	100	(84 - 116)	0.23	(0-20)	SW846 8260B
Bromoform	114	(78 - 127)			SW846 8260B
	117	(78 - 127)	2.2	(0-20)	SW846 8260B
Ethylbenzene	94	(85 - 126)			SW846 8260B
	95	(85 - 126)	0.88	(0-20)	SW846 8260B
Styrene	94	(85 - 125)			SW846 8260B
	94	(85 - 125)	0.020	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	100	(70 - 125)			SW846 8260B
	102	(70 - 125)	2.0	(0-20)	SW846 8260B
Tetrachloroethene	97	(64 - 127)			SW846 8260B
	96	(64 - 127)	0.96	(0-20)	SW846 8260B
1,2-Dichlorobenzene	95	(85 - 115)			SW846 8260B
	99	(85 - 115)	3.6	(0-20)	SW846 8260B
Bromobenzene	96	(85 - 115)			SW846 8260B
	98	(85 - 115)	2.5	(0-20)	SW846 8260B
Chlorobromomethane	106	(66 - 153)			SW846 8260B
	107	(66 - 153)	1.1	(0-20)	SW846 8260B
n-Butylbenzene	88	(68 - 136)			SW846 8260B
	91	(68 - 136)	2.9	(0-20)	SW846 8260B
sec-Butylbenzene	87	(78 - 131)			SW846 8260B
	89	(78 - 131)	2.2	(0-20)	SW846 8260B
tert-Butylbenzene	87	(74 - 129)			SW846 8260B
	89	(74 - 129)	2.4	(0-20)	SW846 8260B
2-Chlorotoluene	89	(79 - 125)			SW846 8260B
	90	(79 - 125)	0.93	(0-20)	SW846 8260B
4-Chlorotoluene	91	(82 - 126)			SW846 8260B
	93	(82 - 126)	2.8	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	96	(58 - 132)			SW846 8260B
	108	(58 - 132)	11	(0-20)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KERR91AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L260000-149 KERR91AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane (Freon 12)	87	(36 - 140)			SW846 8260B
	96	(36 - 140)	10	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	100	(85 - 121)			SW846 8260B
	103	(85 - 121)	2.8	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	98	(81 - 118)			SW846 8260B
	96	(81 - 118)	1.8	(0-20)	SW846 8260B
1,3-Dichloropropane	106	(79 - 123)			SW846 8260B
	108	(79 - 123)	2.0	(0-20)	SW846 8260B
2,2-Dichloropropane	95	(76 - 124)			SW846 8260B
	96	(76 - 124)	1.1	(0-20)	SW846 8260B
1,1-Dichloropropene	97	(85 - 122)			SW846 8260B
	98	(85 - 122)	0.63	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	102	(57 - 134)			SW846 8260B
	104	(57 - 134)	2.3	(0-20)	SW846 8260B
Allyl chloride	97	(57 - 136)			SW846 8260B
	102	(57 - 136)	4.7	(0-20)	SW846 8260B
Cyclohexanone	67	(24 - 140)			SW846 8260B
	74	(24 - 140)	10	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	102	(71 - 130)			SW846 8260B
	106	(71 - 130)	3.6	(0-20)	SW846 8260B
trans-1,4-Dichloro-2-butene	105	(51 - 133)			SW846 8260B
	113	(51 - 133)	7.1	(0-20)	SW846 8260B
Ethyl methacrylate	96	(64 - 121)			SW846 8260B
	99	(64 - 121)	3.0	(0-20)	SW846 8260B
Hexachlorobutadiene	91	(66 - 137)			SW846 8260B
	97	(66 - 137)	6.4	(0-20)	SW846 8260B
n-Hexane	99	(53 - 140)			SW846 8260B
	113	(53 - 140)	13	(0-20)	SW846 8260B
Methyl methacrylate	117	(56 - 131)			SW846 8260B
	122	(56 - 131)	3.7	(0-20)	SW846 8260B
Naphthalene	121	(58 - 132)			SW846 8260B
	124	(58 - 132)	3.2	(0-20)	SW846 8260B
Tetrahydrofuran	120	(60 - 140)			SW846 8260B
	116	(60 - 140)	3.2	(0-20)	SW846 8260B
Ethyl ether	116	(62 - 137)			SW846 8260B
	120	(62 - 137)	3.4	(0-20)	SW846 8260B
1-Butanol	143 a	(20 - 140)			SW846 8260B
	90 p	(20 - 140)	46	(0-20)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KERR91AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L260000-149 KERR91AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Ethyl acetate	**281 a**	**(40 - 140)**			**SW846 8260B**
	292 a	**(40 - 140)**	**3.8**	**(0-20)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**90**	**(18 - 140)**			**SW846 8260B**
	90	**(18 - 140)**	**0.020**	**(0-20)**	**SW846 8260B**
Acrolein	**110**	**(20 - 140)**			**SW846 8260B**
	83 p	**(20 - 140)**	**28**	**(0-20)**	**SW846 8260B**
Acrylonitrile	**118**	**(73 - 136)**			**SW846 8260B**
	120	**(73 - 136)**	**1.0**	**(0-20)**	**SW846 8260B**
Cyclohexane	**102**	**(24 - 140)**			**SW846 8260B**
	106	**(24 - 140)**	**4.5**	**(0-20)**	**SW846 8260B**
Isobutanol	**101**	**(50 - 140)**			**SW846 8260B**
	111	**(50 - 140)**	**9.1**	**(0-20)**	**SW846 8260B**
Methacrylonitrile	**120**	**(65 - 140)**			**SW846 8260B**
	150 a,p	**(65 - 140)**	**22**	**(0-20)**	**SW846 8260B**
Methylcyclohexane	**97**	**(68 - 140)**			**SW846 8260B**
	102	**(68 - 140)**	**4.1**	**(0-20)**	**SW846 8260B**
Propionitrile	**111**	**(64 - 139)**			**SW846 8260B**
	111	**(64 - 139)**	**0.030**	**(0-20)**	**SW846 8260B**
1,4-Dioxane	**80**	**(48 - 140)**			**SW846 8260B**
	72	**(48 - 140)**	**11**	**(0-20)**	**SW846 8260B**
Pentachloroethane	**111**	**(49 - 140)**			**SW846 8260B**
	111	**(49 - 140)**	**0.45**	**(0-20)**	**SW846 8260B**
Methyl acetate	**85**	**(38 - 140)**			**SW846 8260B**
	82	**(38 - 140)**	**3.5**	**(0-20)**	**SW846 8260B**
2-Chloro-1,3-butadiene	**100**	**(71 - 140)**			**SW846 8260B**
	100	**(71 - 140)**	**0.33**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(85 - 121)
	99	(85 - 121)
Dibromofluoromethane	108	(84 - 117)
	110	(84 - 117)
1,2-Dichloroethane-d4	105	(72 - 124)
	105	(72 - 124)
4-Bromofluorobenzene	93	(80 - 121)
	96	(80 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KEWA41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L280000-155 KEWA41AD-LCSD
Prep Date.....: 12/27/07 **Analysis Date..:** 12/27/07
Prep Batch #...: 7362155 **Analysis Time..:** 12:20
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Chloroform	103	(84 - 117)			SW846 8260B
	99	(84 - 117)	3.8	(0-20)	SW846 8260B
Benzene	100	(84 - 117)			SW846 8260B
	98	(84 - 117)	2.1	(0-20)	SW846 8260B
1,4-Dichlorobenzene	94	(85 - 115)			SW846 8260B
	93	(85 - 115)	0.66	(0-20)	SW846 8260B
Chlorobenzene	100	(84 - 116)			SW846 8260B
	96	(84 - 116)	4.4	(0-20)	SW846 8260B
1,2-Dichlorobenzene	97	(85 - 115)			SW846 8260B
	97	(85 - 115)	0.28	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	116	(84 - 127)			SW846 8260B
	110	(84 - 127)	5.9	(0-20)	SW846 8260B
Dibromochloromethane	119	(69 - 136)			SW846 8260B
	110	(69 - 136)	7.6	(0-20)	SW846 8260B
Chloromethane	85	(65 - 135)			SW846 8260B
	86	(65 - 135)	0.11	(0-20)	SW846 8260B
Vinyl chloride	95	(67 - 138)			SW846 8260B
	92	(67 - 138)	2.6	(0-20)	SW846 8260B
Bromomethane	119	(38 - 140)			SW846 8260B
	112	(38 - 140)	6.1	(0-20)	SW846 8260B
Chloroethane	114	(64 - 139)			SW846 8260B
	75 p	(64 - 139)	41	(0-20)	SW846 8260B
Acetone	92	(46 - 133)			SW846 8260B
	94	(46 - 133)	1.3	(0-20)	SW846 8260B
1,1-Dichloroethene	95	(61 - 130)			SW846 8260B
	97	(61 - 130)	2.2	(0-20)	SW846 8260B
Methylene chloride	116	(74 - 139)			SW846 8260B
	117	(74 - 139)	0.94	(0-20)	SW846 8260B
Carbon disulfide	108	(40 - 140)			SW846 8260B
	100	(40 - 140)	6.8	(0-20)	SW846 8260B
1,1-Dichloroethane	101	(83 - 115)			SW846 8260B
	99	(83 - 115)	2.1	(0-20)	SW846 8260B
2-Butanone	92	(30 - 140)			SW846 8260B
	87	(30 - 140)	5.5	(0-20)	SW846 8260B
1,2-Dichloroethene (total)	101	(85 - 118)			SW846 8260B
	100	(85 - 118)	0.54	(0-20)	SW846 8260B
1,1,1-Trichloroethane	99	(81 - 120)			SW846 8260B
	96	(81 - 120)	2.9	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KEWA41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L280000-155 KEWA41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Carbon tetrachloride	105	(73 - 132)			SW846 8260B
	102	(73 - 132)	3.5	(0-20)	SW846 8260B
1,2-Dichloroethane	105	(78 - 121)			SW846 8260B
	105	(78 - 121)	0.28	(0-20)	SW846 8260B
Trichloroethene	101	(78 - 120)			SW846 8260B
	98	(78 - 120)	3.0	(0-20)	SW846 8260B
1,2-Dichloropropane	107	(81 - 120)			SW846 8260B
	107	(81 - 120)	0.18	(0-20)	SW846 8260B
Bromodichloromethane	112	(84 - 123)			SW846 8260B
	111	(84 - 123)	1.4	(0-20)	SW846 8260B
1,1,2-Trichloroethane	105	(75 - 122)			SW846 8260B
	100	(75 - 122)	4.4	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	117	(85 - 126)			SW846 8260B
	108	(85 - 126)	7.4	(0-20)	SW846 8260B
Toluene	95	(82 - 123)			SW846 8260B
	91	(82 - 123)	4.4	(0-20)	SW846 8260B
m-Xylene & p-Xylene	94	(85 - 121)			SW846 8260B
	90	(85 - 121)	4.3	(0-20)	SW846 8260B
o-Xylene	100	(85 - 125)			SW846 8260B
	96	(85 - 125)	4.5	(0-20)	SW846 8260B
1,3-Dichlorobenzene	97	(85 - 115)			SW846 8260B
	94	(85 - 115)	3.0	(0-20)	SW846 8260B
2-Hexanone	105	(59 - 135)			SW846 8260B
	101	(59 - 135)	3.4	(0-20)	SW846 8260B
4-Methyl-2-pentanone	117	(59 - 140)			SW846 8260B
	121	(59 - 140)	3.5	(0-20)	SW846 8260B
Bromoform	113	(78 - 127)			SW846 8260B
	116	(78 - 127)	2.8	(0-20)	SW846 8260B
Ethylbenzene	95	(85 - 126)			SW846 8260B
	90	(85 - 126)	5.0	(0-20)	SW846 8260B
Styrene	96	(85 - 125)			SW846 8260B
	92	(85 - 125)	3.9	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	103	(70 - 125)			SW846 8260B
	105	(70 - 125)	1.6	(0-20)	SW846 8260B
Tetrachloroethene	98	(64 - 127)			SW846 8260B
	93	(64 - 127)	5.3	(0-20)	SW846 8260B
Bromobenzene	99	(85 - 115)			SW846 8260B
	97	(85 - 115)	1.8	(0-20)	SW846 8260B
Bromochloromethane	115	(66 - 153)			SW846 8260B
	106	(66 - 153)	7.3	(0-20)	SW846 8260B
n-Butylbenzene	91	(68 - 136)			SW846 8260B
	87	(68 - 136)	3.6	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KEWA41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L280000-155 KEWA41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
sec-Butylbenzene	88	(78 - 131)			SW846 8260B
	85	(78 - 131)	3.8	(0-20)	SW846 8260B
tert-Butylbenzene	89	(74 - 129)			SW846 8260B
	86	(74 - 129)	3.1	(0-20)	SW846 8260B
Allyl chloride	98	(57 - 136)			SW846 8260B
	95	(57 - 136)	2.5	(0-20)	SW846 8260B
2-Chlorotoluene	92	(79 - 125)			SW846 8260B
	90	(79 - 125)	2.1	(0-20)	SW846 8260B
4-Chlorotoluene	93	(82 - 126)			SW846 8260B
	90	(82 - 126)	3.3	(0-20)	SW846 8260B
Cyclohexanone	101	(24 - 140)			SW846 8260B
	71 p	(24 - 140)	34	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	110	(58 - 132)			SW846 8260B
	108	(58 - 132)	2.6	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	109	(71 - 130)			SW846 8260B
	101	(71 - 130)	7.7	(0-20)	SW846 8260B
trans-1,4-Dichloro-2-butene	108	(51 - 133)			SW846 8260B
	108	(51 - 133)	0.37	(0-20)	SW846 8260B
Dichlorodifluoromethane (Freon 12)	93	(36 - 140)			SW846 8260B
	90	(36 - 140)	3.4	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	104	(85 - 121)			SW846 8260B
	106	(85 - 121)	2.5	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	98	(81 - 118)			SW846 8260B
	94	(81 - 118)	3.9	(0-20)	SW846 8260B
1,3-Dichloropropane	106	(79 - 123)			SW846 8260B
	106	(79 - 123)	0.0	(0-20)	SW846 8260B
2,2-Dichloropropane	101	(76 - 124)			SW846 8260B
	96	(76 - 124)	5.5	(0-20)	SW846 8260B
1,1-Dichloropropene	101	(85 - 122)			SW846 8260B
	100	(85 - 122)	1.4	(0-20)	SW846 8260B
Ethyl methacrylate	104	(64 - 121)			SW846 8260B
	103	(64 - 121)	0.67	(0-20)	SW846 8260B
Freon 113	108	(57 - 134)			SW846 8260B
	103	(57 - 134)	4.4	(0-20)	SW846 8260B
Hexachlorobutadiene	99	(66 - 137)			SW846 8260B
	94	(66 - 137)	5.3	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KEWA41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L280000-155 KEWA41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
n-Hexane	116	(53 - 140)			SW846 8260B
	112	(53 - 140)	3.2	(0-20)	SW846 8260B
Isopropylbenzene	86	(75 - 135)			SW846 8260B
	84	(75 - 135)	2.5	(0-20)	SW846 8260B
4-Isopropyltoluene	90	(74 - 128)			SW846 8260B
	87	(74 - 128)	2.8	(0-20)	SW846 8260B
Methyl methacrylate	122	(56 - 131)			SW846 8260B
	116	(56 - 131)	4.8	(0-20)	SW846 8260B
Methyl tert-butyl ether (MTBE)	117	(68 - 133)			SW846 8260B
	123	(68 - 133)	5.0	(0-20)	SW846 8260B
Naphthalene	136 a	(58 - 132)			SW846 8260B
	125	(58 - 132)	8.5	(0-20)	SW846 8260B
2-Nitropropane	107	(65 - 133)			SW846 8260B
	102	(65 - 133)	5.6	(0-20)	SW846 8260B
n-Propylbenzene	88	(72 - 136)			SW846 8260B
	86	(72 - 136)	2.4	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	104	(80 - 122)			SW846 8260B
	101	(80 - 122)	2.4	(0-20)	SW846 8260B
Tetrahydrofuran	119	(60 - 140)			SW846 8260B
	120	(60 - 140)	0.99	(0-20)	SW846 8260B
1,2,3-Trichlorobenzene	143 a	(71 - 130)			SW846 8260B
	140 a	(71 - 130)	2.6	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	127 a	(74 - 123)			SW846 8260B
	123	(74 - 123)	3.0	(0-20)	SW846 8260B
Trichlorofluoromethane	92	(71 - 133)			SW846 8260B
	89	(71 - 133)	2.9	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	89	(73 - 128)			SW846 8260B
	88	(73 - 128)	1.7	(0-20)	SW846 8260B
Ethyl ether	118	(62 - 137)			SW846 8260B
	117	(62 - 137)	0.72	(0-20)	SW846 8260B
1-Butanol	141 a	(20 - 140)			SW846 8260B
	97 p	(20 - 140)	37	(0-20)	SW846 8260B
Acetonitrile	111	(44 - 135)			SW846 8260B
	103	(44 - 135)	7.4	(0-20)	SW846 8260B
Ethyl acetate	264 a	(40 - 140)			SW846 8260B
	272 a	(40 - 140)	3.0	(0-20)	SW846 8260B
2-Chloroethyl vinyl ether	70	(18 - 140)			SW846 8260B
	75	(18 - 140)	6.9	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KEWA41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L280000-155 KEWA41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Iodomethane	**83**	**(33 - 140)**			**SW846 8260B**
	84	**(33 - 140)**	**1.4**	**(0-20)**	**SW846 8260B**
Vinyl acetate	**127**	**(23 - 140)**			**SW846 8260B**
	134	**(23 - 140)**	**5.5**	**(0-20)**	**SW846 8260B**
Acrolein	**91**	**(20 - 140)**			**SW846 8260B**
	100	**(20 - 140)**	**10**	**(0-20)**	**SW846 8260B**
Acrylonitrile	**117**	**(73 - 136)**			**SW846 8260B**
	120	**(73 - 136)**	**2.1**	**(0-20)**	**SW846 8260B**
Cyclohexane	**104**	**(24 - 140)**			**SW846 8260B**
	102	**(24 - 140)**	**2.6**	**(0-20)**	**SW846 8260B**
Isobutanol	**111**	**(50 - 140)**			**SW846 8260B**
	109	**(50 - 140)**	**1.8**	**(0-20)**	**SW846 8260B**
Methacrylonitrile	**152 a**	**(65 - 140)**			**SW846 8260B**
	132	**(65 - 140)**	**14**	**(0-20)**	**SW846 8260B**
Methylcyclohexane	**100**	**(68 - 140)**			**SW846 8260B**
	96	**(68 - 140)**	**3.6**	**(0-20)**	**SW846 8260B**
Propionitrile	**127**	**(64 - 139)**			**SW846 8260B**
	119	**(64 - 139)**	**5.9**	**(0-20)**	**SW846 8260B**
1,4-Dioxane	**90**	**(48 - 140)**			**SW846 8260B**
	59 p	**(48 - 140)**	**41**	**(0-20)**	**SW846 8260B**
Pentachloroethane	**112**	**(49 - 140)**			**SW846 8260B**
	110	**(49 - 140)**	**2.0**	**(0-20)**	**SW846 8260B**
Methyl acetate	**74**	**(38 - 140)**			**SW846 8260B**
	84	**(38 - 140)**	**14**	**(0-20)**	**SW846 8260B**
2-Chloro-1,3-butadiene	**97**	**(71 - 140)**			**SW846 8260B**
	96	**(71 - 140)**	**1.8**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(85 - 121)
	95	(85 - 121)
Dibromofluoromethane	110	(84 - 117)
	106	(84 - 117)
1,2-Dichloroethane-d4	104	(72 - 124)
	104	(72 - 124)
4-Bromofluorobenzene	95	(80 - 121)
	93	(80 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KEE911AC-MS **Matrix.....:** W
MS Lot-Sample #: F7L190135-004 KEE911AD-MSD
Date Sampled...: 12/18/07 13:45 **Date Received..:** 12/19/07
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360149 **Analysis Time..:** 21:30
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
m-Xylene & p-Xylene	107	(66 - 133)			SW846 8260B
	111	(66 - 133)	3.9	(0-20)	SW846 8260B
o-Xylene	114	(69 - 136)			SW846 8260B
	118	(69 - 136)	3.4	(0-20)	SW846 8260B
1,3-Dichlorobenzene	104	(59 - 129)			SW846 8260B
	104	(59 - 129)	0.28	(0-20)	SW846 8260B
1,4-Dichlorobenzene	146 a	(55 - 129)			SW846 8260B
	114 p	(55 - 129)	24	(0-20)	SW846 8260B
1,2-Dichlorobenzene	147 a	(57 - 131)			SW846 8260B
	115 p	(57 - 131)	24	(0-20)	SW846 8260B
2-Hexanone	118	(44 - 144)			SW846 8260B
	126	(44 - 144)	7.1	(0-20)	SW846 8260B
4-Methyl-2-pentanone	150	(44 - 150)			SW846 8260B
	146	(44 - 150)	2.6	(0-20)	SW846 8260B
Chlorobenzene	130	(58 - 137)			SW846 8260B
	126	(58 - 137)	3.1	(0-20)	SW846 8260B
Bromoform	116	(51 - 145)			SW846 8260B
	123	(51 - 145)	5.8	(0-20)	SW846 8260B
Ethylbenzene	106	(66 - 134)			SW846 8260B
	110	(66 - 134)	3.8	(0-20)	SW846 8260B
Styrene	0.0 a	(57 - 143)			SW846 8260B
	0.0 a	(57 - 143)	0.0	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	115	(46 - 142)			SW846 8260B
	116	(46 - 142)	0.17	(0-20)	SW846 8260B
Tetrachloroethene	112	(47 - 131)			SW846 8260B
	113	(47 - 131)	0.97	(0-20)	SW846 8260B
Methyl ethyl ketone	93	(26 - 150)			SW846 8260B
	126 p	(26 - 150)	30	(0-20)	SW846 8260B
Chlorodibromomethane	133	(50 - 150)			SW846 8260B
	139	(50 - 150)	4.6	(0-20)	SW846 8260B
Bromobenzene	103	(58 - 130)			SW846 8260B
	107	(58 - 130)	3.5	(0-20)	SW846 8260B
Chlorobromomethane	141	(53 - 150)			SW846 8260B
	133	(53 - 150)	5.6	(0-20)	SW846 8260B
n-Butylbenzene	84	(45 - 136)			SW846 8260B
	88	(45 - 136)	4.4	(0-20)	SW846 8260B
sec-Butylbenzene	86	(54 - 133)			SW846 8260B
	89	(54 - 133)	2.8	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	140	(63 - 150)			SW846 8260B
	153 a	(63 - 150)	9.2	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KEE911AC-MS **Matrix.....:** W
MS Lot-Sample #: F7L190135-004 KEE911AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Chloromethane	123	(36 - 150)			SW846 8260B
	124	(36 - 150)	1.4	(0-20)	SW846 8260B
Vinyl chloride	137	(54 - 150)			SW846 8260B
	135	(54 - 150)	1.3	(0-20)	SW846 8260B
Bromomethane	105	(25 - 150)			SW846 8260B
	116	(25 - 150)	9.7	(0-20)	SW846 8260B
Chloroethane	106	(58 - 150)			SW846 8260B
	127	(58 - 150)	18	(0-20)	SW846 8260B
Acetone	115	(26 - 150)			SW846 8260B
	97	(26 - 150)	17	(0-20)	SW846 8260B
1,1-Dichloroethene	128	(36 - 150)			SW846 8260B
	128	(36 - 150)	0.23	(0-20)	SW846 8260B
Dichloromethane	146	(54 - 150)			SW846 8260B
	145	(54 - 150)	0.34	(0-20)	SW846 8260B
Carbon disulfide	144	(23 - 150)			SW846 8260B
	142	(23 - 150)	1.3	(0-20)	SW846 8260B
1,1-Dichloroethane	132	(65 - 150)			SW846 8260B
	134	(65 - 150)	1.2	(0-20)	SW846 8260B
1,2-Dichloroethene (total)	130	(68 - 150)			SW846 8260B
	131	(68 - 150)	0.61	(0-20)	SW846 8260B
Chloroform	632 a	(65 - 150)			SW846 8260B
	213 a,p	(65 - 150)	94	(0-20)	SW846 8260B
1,1,1-Trichloroethane	128	(62 - 150)			SW846 8260B
	132	(62 - 150)	2.7	(0-20)	SW846 8260B
Carbon tetrachloride	141	(50 - 150)			SW846 8260B
	144	(50 - 150)	2.2	(0-20)	SW846 8260B
1,2-Dichloroethane	138	(68 - 150)			SW846 8260B
	137	(68 - 150)	0.50	(0-20)	SW846 8260B
Benzene	132	(66 - 150)			SW846 8260B
	136	(66 - 150)	2.8	(0-20)	SW846 8260B
Trichloroethene	130	(56 - 150)			SW846 8260B
	132	(56 - 150)	1.8	(0-20)	SW846 8260B
1,2-Dichloropropane	137	(64 - 150)			SW846 8260B
	142	(64 - 150)	3.4	(0-20)	SW846 8260B
Bromodichloromethane	152 a	(70 - 150)			SW846 8260B
	153 a	(70 - 150)	0.72	(0-20)	SW846 8260B
1,1,2-Trichloroethane	122	(53 - 143)			SW846 8260B
	126	(53 - 143)	3.2	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	123	(59 - 144)			SW846 8260B
	131	(59 - 144)	6.4	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KEE911AC-MS **Matrix.....:** W
MS Lot-Sample #: F7L190135-004 KEE911AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	109	(60 - 132)			SW846 8260B
	111	(60 - 132)	2.3	(0-20)	SW846 8260B
tert-Butylbenzene	90	(48 - 137)			SW846 8260B
	94	(48 - 137)	3.7	(0-20)	SW846 8260B
2-Chlorotoluene	93	(56 - 130)			SW846 8260B
	98	(56 - 130)	5.7	(0-20)	SW846 8260B
4-Chlorotoluene	96	(59 - 130)			SW846 8260B
	99	(59 - 130)	3.3	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	130	(38 - 147)			SW846 8260B
	120	(38 - 147)	7.8	(0-20)	SW846 8260B
Dichlorodifluoromethane (Freon 12)	120	(28 - 150)			SW846 8260B
	123	(28 - 150)	2.9	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	137	(72 - 150)			SW846 8260B
	137	(72 - 150)	0.14	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	124	(61 - 150)			SW846 8260B
	126	(61 - 150)	1.4	(0-20)	SW846 8260B
1,3-Dichloropropane	123	(56 - 144)			SW846 8260B
	131	(56 - 144)	6.2	(0-20)	SW846 8260B
2,2-Dichloropropane	112	(44 - 145)			SW846 8260B
	111	(44 - 145)	0.71	(0-20)	SW846 8260B
1,1-Dichloropropene	124	(69 - 149)			SW846 8260B
	129	(69 - 149)	3.6	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-tri	139	(41 - 149)			SW846 8260B
	132	(41 - 149)	4.6	(0-20)	SW846 8260B
Isopropylbenzene	89	(53 - 135)			SW846 8260B
	92	(53 - 135)	3.6	(0-20)	SW846 8260B
p-Isopropyltoluene	89	(46 - 137)			SW846 8260B
	91	(46 - 137)	2.7	(0-20)	SW846 8260B
Methyl tert-butyl ether (MTBE)	161 a	(60 - 150)			SW846 8260B
	168 a	(60 - 150)	4.2	(0-20)	SW846 8260B
2-Nitropropane	115	(48 - 142)			SW846 8260B
	119	(48 - 142)	3.6	(0-20)	SW846 8260B
n-Propylbenzene	89	(49 - 138)			SW846 8260B
	91	(49 - 138)	2.2	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	116	(55 - 142)			SW846 8260B
	121	(55 - 142)	4.2	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KEE911AC-MS **Matrix.....:** W
MS Lot-Sample #: F7L190135-004 KEE911AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,3-Trichlorobenzene	143	(45 - 143)			SW846 8260B
	148 a	(45 - 143)	3.2	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	123	(46 - 138)			SW846 8260B
	130	(46 - 138)	5.5	(0-20)	SW846 8260B
Trichlorofluoromethane	124	(60 - 142)			SW846 8260B
	125	(60 - 142)	0.88	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	93	(48 - 136)			SW846 8260B
	95	(48 - 136)	1.8	(0-20)	SW846 8260B
Acetonitrile	137	(27 - 150)			SW846 8260B
	147	(27 - 150)	7.2	(0-20)	SW846 8260B
Iodomethane	147	(20 - 150)			SW846 8260B
	153 a	(20 - 150)	3.7	(0-20)	SW846 8260B
Vinyl acetate	0.0 a	(20 - 150)			SW846 8260B
	0.0 a	(20 - 150)	0.0	(0-20)	SW846 8260B
Allyl chloride	132	(46 - 150)			SW846 8260B
	129	(46 - 150)	2.3	(0-20)	SW846 8260B
Cyclohexanone	62	(20 - 137)			SW846 8260B
	82 p	(20 - 137)	28	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	118	(50 - 150)			SW846 8260B
	132	(50 - 150)	11	(0-20)	SW846 8260B
trans-1,4-Dichloro-2-butene	109	(27 - 139)			SW846 8260B
	121	(27 - 139)	11	(0-20)	SW846 8260B
Ethyl ether	161 a	(41 - 150)			SW846 8260B
	162 a	(41 - 150)	0.24	(0-20)	SW846 8260B
Ethyl methacrylate	118	(55 - 126)			SW846 8260B
	118	(55 - 126)	0.25	(0-20)	SW846 8260B
Hexachlorobutadiene	70	(33 - 143)			SW846 8260B
	70	(33 - 143)	0.49	(0-20)	SW846 8260B
n-Hexane	136	(33 - 150)			SW846 8260B
	132	(33 - 150)	2.9	(0-20)	SW846 8260B
Methyl methacrylate	160 a	(54 - 150)			SW846 8260B
	165 a	(54 - 150)	3.2	(0-20)	SW846 8260B
Naphthalene	138	(30 - 149)			SW846 8260B
	148	(30 - 149)	6.7	(0-20)	SW846 8260B
Tetrahydrofuran	150	(40 - 150)			SW846 8260B
	155 a	(40 - 150)	3.0	(0-20)	SW846 8260B
1-Butanol	270 a	(15 - 150)			SW846 8260B
	114 p	(15 - 150)	81	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L190135 **Work Order #...:** KEE911AC-MS **Matrix.....:** W
MS Lot-Sample #: F7L190135-004 KEE911AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Ethyl acetate	**374 a**	**(26 - 150)**			**SW846 8260B**
	367 a	**(26 - 150)**	**1.7**	**(0-20)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**0.0 a**	**(10 - 150)**			**SW846 8260B**
	0.0 a	**(10 - 150)**	**0.0**	**(0-20)**	**SW846 8260B**
Acrolein	**69**	**(20 - 150)**			**SW846 8260B**
	53 p	**(20 - 150)**	**27**	**(0-20)**	**SW846 8260B**
Acrylonitrile	**151 a**	**(62 - 150)**			**SW846 8260B**
	154 a	**(62 - 150)**	**1.7**	**(0-20)**	**SW846 8260B**
Cyclohexane	**154 a**	**(20 - 137)**			**SW846 8260B**
	139 a	**(20 - 137)**	**10**	**(0-20)**	**SW846 8260B**
Isobutanol	**144**	**(21 - 150)**			**SW846 8260B**
	141	**(21 - 150)**	**2.3**	**(0-20)**	**SW846 8260B**
Methacrylonitrile	**165 a**	**(57 - 150)**			**SW846 8260B**
	166 a	**(57 - 150)**	**0.41**	**(0-20)**	**SW846 8260B**
Methylcyclohexane	**75**	**(51 - 150)**			**SW846 8260B**
	123 p	**(51 - 150)**	**49**	**(0-20)**	**SW846 8260B**
Propionitrile	**165 a**	**(49 - 150)**			**SW846 8260B**
	158 a	**(49 - 150)**	**4.3**	**(0-20)**	**SW846 8260B**
1,4-Dioxane	**110**	**(25 - 150)**			**SW846 8260B**
	111	**(25 - 150)**	**0.36**	**(0-20)**	**SW846 8260B**
Pentachloroethane	**117**	**(29 - 150)**			**SW846 8260B**
	124	**(29 - 150)**	**5.2**	**(0-20)**	**SW846 8260B**
Methyl acetate	**100**	**(32 - 150)**			**SW846 8260B**
	100	**(32 - 150)**	**0.07**	**(0-20)**	**SW846 8260B**
2-Chloro-1,3-butadiene	**129**	**(59 - 150)**			**SW846 8260B**
	134	**(59 - 150)**	**3.6**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(69 - 119)
	99	(69 - 119)
Dibromofluoromethane	120	(74 - 134)
	120	(74 - 134)
1,2-Dichloroethane-d4	116	(72 - 128)
	116	(72 - 128)
4-Bromofluorobenzene	92	(71 - 115)
	94	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

LOT# F7L190135

CVR 1504

ENSR INTERNATIONAL

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB: STL

SITE Tronox DATE 12/18/07 PAGE 1 OF 1

CLIENT ENSR
PROJECT NAME: Tronox-Henderson, NV
PROJECT MANAGER: Brian Ho
JOB #: 04020-023-161
COELT LOG CODE: YES (NO)
SAMPLER SIGNATURE

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B 5035 Volatile Organics	8260B BTEX MTBE Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals			MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	EB-1	12/17/07	1140	X	X				4	vials	W	G	4	Hold Sample
2.	M-12G	12/18/07	0805	X	X						W	G	4	
3.	AA-MW-16	12/18/07	1005	X	X						W	G	4	
4.	M-7B	12/18/07	1345	X	X						W	G	4	
5.	M-57A	12/18/07	1505	X	X						W	G	4	
6.	QCTB	12/18/07	0600	X	X				2	vials	W	G	2	
7.														
8.														
9.														
10.														

ANALYTICAL METHODS

MS/MSD 12-19-07

TURN-AROUND TIME: Standard

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES:
All samples are preserved on ice.
Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: YES ☒ NO ☐

RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	TOTAL NUMBER OF CONTAINERS: 22
ENSR		ENSR International	12/18/07	1700	
RECEIVED BY:	SIGNATURE	COMPANY	DATE	TIME	METHOD OF SHIPMENT
	M. Hilo	FedEx	12-19-07	0945	
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5405

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7L190135

- 1504 -

Condition Upon Receipt Form

Client: ENSR
Quote No: 77939
COC/RFA No: N/A
Initiated By: [illegible]
Date: 12-19-07
Time: 0945

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 8640 5142 3083
2.
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages Y (N)
Sample Temperature (s):**
1. 2
2.
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	(Y) N	Are there custody seals present on the cooler?	8.	Y (N)	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y N (N/A)	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	Y N (N/A)	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	Y N	If N/A- Was pH taken by original TestAmerica lab?
5.	(Y) (N) N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	(Y) N	Sample received in proper containers?
6.	Y (N)	Was sample received broken?	13.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y N	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes: Client did not label QCTB on Container. Log per COC per jerry

Corrective Action:
- ☐ Client Contact Name: _____ Informed by: _____
- ☐ Sample(s) processed "as is"
- ☐ Sample(s) on hold until: _____ If released, notify: _____

Project Management Review: [signature] Date: 12-21-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

GC/MS SAMPLE AND QC DATA SUMMARY-FORM 1

VOLATILES

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9Q1AC Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: EB-1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	**Bromomethane**	**0.38**	**J**
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**0.53**	**J**
74-87-3	**Chloromethane**	**0.81**	**J**
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9Q1AC Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: EB-1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9Q1AC Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: EB-1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	112	(69 - 119)
Dibromofluoromethane	114	(74 - 134)
1,2-Dichloroethane-d4	108	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9Q2AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: EB-1 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	**Bromomethane**	**0.67**	**J**
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**0.58**	**J**
74-87-3	**Chloromethane**	**0.92**	**J**
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9Q2AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: EB-1 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9Q2AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: EB-1 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	102	(69 - 119)
Dibromofluoromethane	118	(74 - 134)
1,2-Dichloroethane-d4	116	(72 - 128)
4-Bromofluorobenzene	95	(71 - 115)

FORM I

ENSR International
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9Q2AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: EB-1 -RE 1

		(ug/L or ug/kg) ug/L		
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	None			

FORM I - TIC

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9T1AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: M-126

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	**Benzene**	**130**	**E**
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	**Bromodichloromethane**	**3.5**	
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	**Chlorobenzene**	**190**	**E**
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**1400**	**E**
74-87-3	**Chloromethane**	**0.43**	**J**
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	**1,2-Dichlorobenzene**	**250**	**E**
541-73-1	**1,3-Dichlorobenzene**	**19**	
106-46-7	**1,4-Dichlorobenzene**	**220**	**E**
75-34-3	**1,1-Dichloroethane**	**3.9**	
107-06-2	**1,2-Dichloroethane**	**4.4**	
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9T1AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: M-126

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	**Dichloromethane**	**12**	
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	**Tetrachloroethene**	**1.1**	
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9T1AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: M-126

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	73	(69 - 119)
Dibromofluoromethane	116	(74 - 134)
1,2-Dichloroethane-d4	110	(72 - 128)
4-Bromofluorobenzene	35	(71 - 115)

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9T2AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-126 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	**Benzene**	**130**	**E**
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	**Bromodichloromethane**	**6.2**	
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	**Carbon disulfide**	**1.4**	
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	**Chlorobenzene**	**170**	**E**
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**1500**	**E**
74-87-3	**Chloromethane**	**0.60**	**J**
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	**1,2-Dichlorobenzene**	**230**	**E**
541-73-1	**1,3-Dichlorobenzene**	**18**	
106-46-7	**1,4-Dichlorobenzene**	**200**	**E**
75-34-3	**1,1-Dichloroethane**	**3.7**	
107-06-2	**1,2-Dichloroethane**	**4.8**	
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9T2AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-126 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	**Dichloromethane**	**13**	
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	**Tetrachloroethene**	**0.90**	**J**
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9T2AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-126 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	69	(69 - 119)
Dibromofluoromethane	116	(74 - 134)
1,2-Dichloroethane-d4	116	(72 - 128)
4-Bromofluorobenzene	35	(71 - 115)

FORM I

ENSR International
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9T2AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-126 -RE 1

CAS NUMBER	COMPOUND NAME (ug/L or ug/kg) ug/L	RT	EST. CONC.	Q
	Unkonwn	4.808	1.6	

FORM I - TIC

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 0.25 / mL Date Received: 12/19/07
Work Order: KEE9T3AA Date Extracted:12/27/07
Dilution factor: 100 Date Analyzed: 12/27/07
Moisture %:

QC Batch: 7362155

Client Sample Id: M-126 -RE 2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-43-2	**Benzene**	**88**	**J D**
108-90-7	**Chlorobenzene**	**190**	**D**
67-66-3	**Chloroform**	**1400**	**D E**
95-50-1	**1,2-Dichlorobenzene**	**630**	**D**
106-46-7	**1,4-Dichlorobenzene**	**850**	**D**

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	94	(69 - 119)
Dibromofluoromethane	119	(74 - 134)
1,2-Dichloroethane-d4	111	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 0.05 / mL Date Received: 12/19/07
Work Order: KEE9T4AA Date Extracted:12/27/07
Dilution factor: 500 Date Analyzed: 12/27/07
Moisture %:

QC Batch: 7362155

Client Sample Id: M-126 -RE 3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-66-3	**Chloroform**	**6900**	**D**

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	98	(69 - 119)
Dibromofluoromethane	116	(74 - 134)
1,2-Dichloroethane-d4	117	(72 - 128)
4-Bromofluorobenzene	100	(71 - 115)

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9W1AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: AA-MW-16

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	**Benzene**	**120**	**E**
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	**Chlorobenzene**	**180**	**E**
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
74-87-3	**Chloromethane**	**0.44**	**J**
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	**1,2-Dichlorobenzene**	**37**	
541-73-1	**1,3-Dichlorobenzene**	**2.4**	
106-46-7	**1,4-Dichlorobenzene**	**51**	**E**
75-34-3	**1,1-Dichloroethane**	**4.9**	
107-06-2	**1,2-Dichloroethane**	**2.9**	
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9W1AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: AA-MW-16

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	**Tetrachloroethene**	**0.72**	**J**
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9W1AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: AA-MW-16

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	61	(69 - 119)
Dibromofluoromethane	110	(74 - 134)
1,2-Dichloroethane-d4	115	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9W2AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: AA-MW-16 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	**Benzene**	**110**	**E**
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	**Chlorobenzene**	**170**	**E**
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**4.4**	
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	**1,2-Dichlorobenzene**	**32**	
541-73-1	**1,3-Dichlorobenzene**	**1.9**	
106-46-7	**1,4-Dichlorobenzene**	**43**	
75-34-3	**1,1-Dichloroethane**	**4.8**	
107-06-2	**1,2-Dichloroethane**	**3.1**	
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9W2AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: AA-MW-16 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	**Tetrachloroethene**	**0.58**	**J**
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9W2AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: AA-MW-16 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	59	(69 - 119)
Dibromofluoromethane	114	(74 - 134)
1,2-Dichloroethane-d4	122	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

FORM I

ENSR International
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE9W2AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:
QC Batch: 7360149

Client Sample Id: AA-MW-16 -RE 1

CAS NUMBER	COMPOUND NAME (ug/L or ug/kg) ug/L	RT	EST. CONC.	Q
	Unknown	4.808	1.3	

FORM I - TIC

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 1.25 / mL Date Received: 12/19/07
Work Order: KEE9W3AA Date Extracted:12/27/07
Dilution factor: 20 Date Analyzed: 12/27/07
Moisture %:

QC Batch: 7362155

Client Sample Id: AA-MW-16 -RE 2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-43-2	**Benzene**	**93**	**D**
108-90-7	**Chlorobenzene**	**270**	**D**
106-46-7	**1,4-Dichlorobenzene**	**42**	**D**

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	96	(69 - 119)
Dibromofluoromethane	117	(74 - 134)
1,2-Dichloroethane-d4	125	(72 - 128)
4-Bromofluorobenzene	97	(71 - 115)

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE912AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-7B -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**2.2**	
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-34-3	**1,1-Dichloroethane**	**2.4**	
107-06-2	**1,2-Dichloroethane**	**2.1**	
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE912AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-7B -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE912AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-7B -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U
107-05-1	Allyl chloride	2.0	U
108-94-1	Cyclohexanone	20	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE912AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-7B -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	2.0	U
60-29-7	Ethyl ether	1.0	U
97-63-2	Ethyl methacrylate	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
110-54-3	n-Hexane	4.0	U
80-62-6	Methyl methacrylate	1.0	U
91-20-3	Naphthalene	1.0	U
109-99-9	Tetrahydrofuran	10	U
71-36-3	1-Butanol	40	U
141-78-6	Ethyl acetate	2.0	U
110-75-8	2-Chloroethyl vinyl ether	2.0	U
107-02-8	Acrolein	10	U
107-13-1	Acrylonitrile	10	U
110-82-7	Cyclohexane	1.0	U
78-83-1	Isobutanol	80	U
126-98-7	Methacrylonitrile	5.0	U
108-87-2	Methylcyclohexane	1.0	U
107-12-0	Propionitrile	5.0	U
123-91-1	1,4-Dioxane	80	U
76-01-7	Pentachloroethane	1.0	U
79-20-9	Methyl acetate	5.0	U
126-99-8	2-Chloro-1,3-butadiene	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	102	(69 - 119)
Dibromofluoromethane	111	(74 - 134)
1,2-Dichloroethane-d4	121	(72 - 128)
4-Bromofluorobenzene	98	(71 - 115)

FORM I

ENSR International
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE912AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-7B -RE 1

CAS NUMBER	COMPOUND NAME (ug/L or ug/kg) ug/L	RT	EST. CONC.	Q
	None			

FORM I - TIC

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE921AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: M-57A

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	**Carbon tetrachloride**	**2.4**	
108-90-7	**Chlorobenzene**	**0.76**	**J**
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**550**	**E**
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	**1,2-Dichlorobenzene**	**3.4**	
541-73-1	**1,3-Dichlorobenzene**	**0.36**	**J**
106-46-7	**1,4-Dichlorobenzene**	**8.1**	
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE921AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: M-57A

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	**Tetrachloroethene**	**0.79**	**J**
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE921AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: M-57A

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	**Trichloroethene**	**1.1**	
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U
107-05-1	Allyl chloride	2.0	U
108-94-1	Cyclohexanone	20	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE921AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: M-57A

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	2.0	U
60-29-7	Ethyl ether	1.0	U
97-63-2	Ethyl methacrylate	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
110-54-3	n-Hexane	4.0	U
80-62-6	Methyl methacrylate	1.0	U
91-20-3	Naphthalene	1.0	U
109-99-9	Tetrahydrofuran	10	U
71-36-3	1-Butanol	40	U
141-78-6	Ethyl acetate	2.0	U
110-75-8	2-Chloroethyl vinyl ether	2.0	U
107-02-8	Acrolein	10	U
107-13-1	Acrylonitrile	10	U
110-82-7	Cyclohexane	1.0	U
78-83-1	Isobutanol	80	U
126-98-7	Methacrylonitrile	5.0	U
108-87-2	Methylcyclohexane	1.0	U
107-12-0	Propionitrile	5.0	U
123-91-1	1,4-Dioxane	80	U
76-01-7	Pentachloroethane	1.0	U
79-20-9	Methyl acetate	5.0	U
126-99-8	2-Chloro-1,3-butadiene	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	108	(69 - 119)
Dibromofluoromethane	113	(74 - 134)
1,2-Dichloroethane-d4	106	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE922AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-57A -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	**Benzene**	**0.23**	**J**
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	**Carbon tetrachloride**	**2.4**	
108-90-7	**Chlorobenzene**	**3.0**	
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**520**	**E**
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	**1,2-Dichlorobenzene**	**3.4**	
541-73-1	**1,3-Dichlorobenzene**	**0.38**	**J**
106-46-7	**1,4-Dichlorobenzene**	**7.9**	
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	**1,2-Dichloroethane**	**0.43**	**J**
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE922AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-57A -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	**Tetrachloroethene**	**0.75**	**J**
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE922AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-57A -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	**Trichloroethene**	**1.0**	
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	100	(69 - 119)
Dibromofluoromethane	116	(74 - 134)
1,2-Dichloroethane-d4	119	(72 - 128)
4-Bromofluorobenzene	93	(71 - 115)

FORM I

ENSR International
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE922AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-57A -RE 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L or ug/kg) ug/L	Q
	Unknown	4.797	1.2	

FORM I - TIC

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 005
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 0.5 / mL Date Received: 12/19/07
Work Order: KEE923AA Date Extracted:12/27/07
Dilution factor: 50 Date Analyzed: 12/27/07
Moisture %:

QC Batch: 7362155

Client Sample Id: M-57A -RE 2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-66-3	**Chloroform**	**420**	**D**

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	96	(69 - 119)
Dibromofluoromethane	119	(74 - 134)
1,2-Dichloroethane-d4	117	(72 - 128)
4-Bromofluorobenzene	105	(71 - 115)

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE951AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: QCTB

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**0.22**	**J**
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE951AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: QCTB

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE951AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: QCTB

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	109	(69 - 119)
Dibromofluoromethane	105	(74 - 134)
1,2-Dichloroethane-d4	108	(72 - 128)
4-Bromofluorobenzene	103	(71 - 115)

FORM I

ENSR International
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE951AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:

QC Batch: 7358096

Client Sample Id: QCTB

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	None			

FORM I - TIC

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE952AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: QCTB -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**0.24**	**J**
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE952AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: QCTB -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE952AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: QCTB -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	101	(69 - 119)
Dibromofluoromethane	114	(74 - 134)
1,2-Dichloroethane-d4	119	(72 - 128)
4-Bromofluorobenzene	99	(71 - 115)

FORM I

ENSR International
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 006
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE952AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: QCTB -RE 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L or ug/kg) ug/L	Q
	Unknown	4.801	1.1	

FORM I - TIC

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L210243 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 2.5 / mL Date Received: 12/21/07
Work Order: KEM811AD Date Extracted:12/27/07
Dilution factor: 10 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362159

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1634-04-4	Methyl tert-butyl ether (MTB	20	U
75-71-8	Dichlorodifluoromethane	20	U
74-87-3	**Chloromethane**	**2.4**	**J D**
75-01-4	Vinyl chloride	20	U
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	20	U
75-69-4	Trichlorofluoromethane	20	U
76-13-1	Trichlorotrifluoroethane	10	U
67-64-1	**Acetone**	**3400**	**D E**
75-35-4	1,1-Dichloroethene	10	U
74-88-4	Iodomethane	10	U
75-09-2	**Methylene chloride**	**7.8**	**J D**
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	50	U
594-20-7	2,2-Dichloropropane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	**Chloroform**	**9.1**	**J D**
74-97-5	Bromochloromethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
136777-61-2	m-Xylene & p-Xylene	20	U
563-58-6	1,1-Dichloropropene	10	U
95-47-6	o-Xylene	10	U
56-23-5	Carbon tetrachloride	10	U
107-06-2	1,2-Dichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L210243 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 2.5 / mL Date Received: 12/21/07
Work Order: KEM811AD Date Extracted:12/27/07
Dilution factor: 10 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362159

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-27-4	Bromodichloromethane	10	U
108-10-1	4-Methyl-2-pentanone	50	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-88-3	Toluene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
591-78-6	2-Hexanone	50	U
142-28-9	1,3-Dichloropropane	10	U
127-18-4	Tetrachloroethene	10	U
124-48-1	Chlorodibromomethane	10	U
106-93-4	1,2-Dibromoethane	10	U
124-48-1	Dibromochloromethane	10	U
108-90-7	Chlorobenzene	10	U
630-20-6	1,1,1,2-Tetrachloroethane	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
107-05-1	Allyl chloride	20	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-94-1	Cyclohexanone	200	U
103-65-1	n-Propylbenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
108-86-1	Bromobenzene	10	U
95-49-8	2-Chlorotoluene	10	U
106-93-4	1,2-Dibromoethane (EDB)	10	U
108-67-8	1,3,5-Trimethylbenzene	10	U
110-57-6	trans-1,4-Dichloro-2-butene	20	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L210243 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 2.5 / mL Date Received: 12/21/07
Work Order: KEM811AD Date Extracted:12/27/07
Dilution factor: 10 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362159

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
106-43-4	4-Chlorotoluene	10	U
98-06-6	tert-Butylbenzene	500	U
75-71-8	Dichlorodifluoromethane (Fre	20	U
156-59-2	cis-1,2-Dichloroethene	10	U
135-98-8	sec-Butylbenzene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
99-87-6	p-Isopropyltoluene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
104-51-8	n-Butylbenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
60-29-7	Ethyl ether	10	U
97-63-2	Ethyl methacrylate	10	U
76-13-1	Freon 113	10	U
87-68-3	Hexachlorobutadiene	10	U
110-54-3	n-Hexane	40	U
99-87-6	4-Isopropyltoluene	10	U
80-62-6	Methyl methacrylate	10	U
91-20-3	Naphthalene	10	U
79-46-9	2-Nitropropane	10	U
109-99-9	Tetrahydrofuran	100	U
87-61-6	1,2,3-Trichlorobenzene	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
71-36-3	1-Butanol	400	U
75-05-8	Acetonitrile	100	U
141-78-6	Ethyl acetate	20	U
110-75-8	2-Chloroethyl vinyl ether	20	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L210243 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 2.5 / mL Date Received: 12/21/07
Work Order: KEM811AD Date Extracted:12/27/07
Dilution factor: 10 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362159

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-05-4	Vinyl acetate	20	U
107-02-8	Acrolein	100	U
107-13-1	Acrylonitrile	100	U
110-82-7	Cyclohexane	10	U
78-83-1	Isobutanol	800	U
126-98-7	Methacrylonitrile	50	U
108-87-2	Methylcyclohexane	40	U
107-12-0	Propionitrile	50	U
123-91-1	1,4-Dioxane	800	U
76-01-7	Pentachloroethane	20	U
79-20-9	Methyl acetate	50	U
126-99-8	2-Chloro-1,3-butadiene	10	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	98	(69 - 119)
Dibromofluoromethane	117	(74 - 134)
1,2-Dichloroethane-d4	123	(72 - 128)
4-Bromofluorobenzene	90	(71 - 115)

FORM I

ENSR International
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	103	(69 - 119)
Dibromofluoromethane	114	(74 - 134)
1,2-Dichloroethane-d4	113	(72 - 128)
4-Bromofluorobenzene	107	(71 - 115)

FORM I

ENSR International
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: INTRA-LAB BLANK

CAS NUMBER	COMPOUND NAME (ug/L or ug/kg) ug/L	RT	EST. CONC.	Q
	None			

FORM I - TIC

ENSR International
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L240000 096
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KET0C1AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:NA

QC Batch: 7358096

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L240000 096
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KET0C1AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:NA

QC Batch: 7358096

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L240000 096
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KET0C1AA Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:NA

QC Batch: 7358096

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	108	(69 - 119)
Dibromofluoromethane	106	(74 - 134)
1,2-Dichloroethane-d4	104	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

FORM I

ENSR International
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AA Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-43-2	Benzene	1.0	U
108-90-7	Chlorobenzene	1.0	U
67-66-3	Chloroform	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	101	(69 - 119)
Dibromofluoromethane	115	(74 - 134)
1,2-Dichloroethane-d4	113	(72 - 128)
4-Bromofluorobenzene	102	(71 - 115)

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	9.46	
75-05-8	Acetonitrile	52.8	
71-43-2	Benzene	9.84	
108-86-1	Bromobenzene	9.59	
74-97-5	Chlorobromomethane	10.6	
75-27-4	Bromodichloromethane	11.0	
75-25-2	Bromoform	11.4	
74-83-9	Bromomethane	11.2	
78-93-3	Methyl ethyl ketone	9.74	
104-51-8	n-Butylbenzene	8.80	
135-98-8	sec-Butylbenzene	8.69	
98-06-6	tert-Butylbenzene	8.73	
75-15-0	Carbon disulfide	10.2	
56-23-5	Carbon tetrachloride	10.4	
108-90-7	Chlorobenzene	9.98	
124-48-1	Chlorodibromomethane	11.4	
75-00-3	Chloroethane	8.12	
67-66-3	Chloroform	9.81	
74-87-3	Chloromethane	7.97	
95-49-8	2-Chlorotoluene	8.93	
106-43-4	4-Chlorotoluene	9.07	
95-50-1	1,2-Dichlorobenzene	9.52	
541-73-1	1,3-Dichlorobenzene	9.44	
106-46-7	1,4-Dichlorobenzene	9.27	
75-34-3	1,1-Dichloroethane	9.83	
107-06-2	1,2-Dichloroethane	10.4	
75-35-4	1,1-Dichloroethene	9.62	
156-59-2	cis-1,2-Dichloroethene	10.0	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-60-5	trans-1,2-Dichloroethene	9.76	
540-59-0	1,2-Dichloroethene (total)	19.8	
78-87-5	1,2-Dichloropropane	10.2	
142-28-9	1,3-Dichloropropane	10.6	
594-20-7	2,2-Dichloropropane	9.46	
563-58-6	1,1-Dichloropropene	9.74	
10061-01-5	cis-1,3-Dichloropropene	11.2	
10061-02-6	trans-1,3-Dichloropropene	11.0	
100-41-4	Ethylbenzene	9.38	
75-69-4	Trichlorofluoromethane	8.42	
591-78-6	2-Hexanone	10.6	
74-88-4	Iodomethane	8.41	
98-82-8	Isopropylbenzene	8.49	
99-87-6	p-Isopropyltoluene	8.88	
75-09-2	Dichloromethane	10.4	
108-10-1	4-Methyl-2-pentanone	12.6	
79-46-9	2-Nitropropane	10.4	
103-65-1	n-Propylbenzene	8.60	
100-42-5	Styrene	9.42	
630-20-6	1,1,1,2-Tetrachloroethane	10.2	
79-34-5	1,1,2,2-Tetrachloroethane	10.0	
127-18-4	Tetrachloroethene	9.73	
108-88-3	Toluene	9.55	
87-61-6	1,2,3-Trichlorobenzene	13.4	a
120-82-1	1,2,4-Trichlorobenzene	11.8	
71-55-6	1,1,1-Trichloroethane	9.70	
79-00-5	1,1,2-Trichloroethane	10.3	
79-01-6	Trichloroethene	10.2	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-67-8	1,3,5-Trimethylbenzene	8.95	
108-05-4	Vinyl acetate	12.8	
75-01-4	Vinyl chloride	8.70	
95-47-6	o-Xylene	10.2	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	10.2	
136777-61-2	m-Xylene & p-Xylene	18.9	
96-12-8	1,2-Dibromo-3-chloropropane	9.59	
75-71-8	Dichlorodifluoromethane (Fre	8.67	
1634-04-4	Methyl tert-butyl ether	11.8	
107-05-1	Allyl chloride	9.75	
108-94-1	Cyclohexanone	66.8	
106-93-4	1,2-Dibromoethane (EDB)	10.2	
110-57-6	trans-1,4-Dichloro-2-butene	10.5	
97-63-2	Ethyl methacrylate	9.58	
87-68-3	Hexachlorobutadiene	9.12	
110-54-3	n-Hexane	9.91	
80-62-6	Methyl methacrylate	11.7	
91-20-3	Naphthalene	12.1	
109-99-9	Tetrahydrofuran	60.1	
60-29-7	Ethyl ether	23.2	
71-36-3	1-Butanol	143	a
141-78-6	Ethyl acetate	56.3	a
110-75-8	2-Chloroethyl vinyl ether	9.03	
107-02-8	Acrolein	55.0	
107-13-1	Acrylonitrile	59.2	
110-82-7	Cyclohexane	10.2	
78-83-1	Isobutanol	203	
126-98-7	Methacrylonitrile	60.0	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	9.74	
107-12-0	Propionitrile	55.4	
123-91-1	1,4-Dioxane	159	
76-01-7	Pentachloroethane	11.1	
79-20-9	Methyl acetate	8.49	
126-99-8	2-Chloro-1,3-butadiene	9.95	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	101	(85 - 121)
Dibromofluoromethane	108	(84 - 117)
1,2-Dichloroethane-d4	105	(72 - 124)
4-Bromofluorobenzene	93	(80 - 121)

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L240000 096
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KET0C1AC Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:NA

QC Batch: 7358096

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	7.70	
75-05-8	Acetonitrile	49.7	
71-43-2	Benzene	9.77	
108-86-1	Bromobenzene	9.67	
74-97-5	Chlorobromomethane	9.57	
75-27-4	Bromodichloromethane	10.1	
75-25-2	Bromoform	10.4	
74-83-9	Bromomethane	13.6	
78-93-3	Methyl ethyl ketone	7.97	
104-51-8	n-Butylbenzene	10.1	
135-98-8	sec-Butylbenzene	9.92	
98-06-6	tert-Butylbenzene	10.0	
75-15-0	Carbon disulfide	10.5	
56-23-5	Carbon tetrachloride	10.8	
108-90-7	Chlorobenzene	9.78	
124-48-1	Chlorodibromomethane	10.4	
75-00-3	Chloroethane	10.4	
67-66-3	Chloroform	9.67	
74-87-3	Chloromethane	6.88	
95-49-8	2-Chlorotoluene	9.42	
106-43-4	4-Chlorotoluene	9.44	
95-50-1	1,2-Dichlorobenzene	9.22	
541-73-1	1,3-Dichlorobenzene	9.42	
106-46-7	1,4-Dichlorobenzene	9.18	
75-34-3	1,1-Dichloroethane	10.0	
107-06-2	1,2-Dichloroethane	9.56	
75-35-4	1,1-Dichloroethene	9.99	
156-59-2	cis-1,2-Dichloroethene	10.4	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L240000 096
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KET0C1AC Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:NA

QC Batch: 7358096

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-60-5	trans-1,2-Dichloroethene	10.0	
540-59-0	1,2-Dichloroethene (total)	20.4	
78-87-5	1,2-Dichloropropane	9.53	
142-28-9	1,3-Dichloropropane	9.50	
594-20-7	2,2-Dichloropropane	10.0	
563-58-6	1,1-Dichloropropene	10.3	
10061-01-5	cis-1,3-Dichloropropene	9.74	
10061-02-6	trans-1,3-Dichloropropene	10.3	
100-41-4	Ethylbenzene	9.88	
75-69-4	Trichlorofluoromethane	9.17	
591-78-6	2-Hexanone	7.20	
74-88-4	Iodomethane	16.5	a
98-82-8	Isopropylbenzene	9.66	
99-87-6	p-Isopropyltoluene	10.2	
75-09-2	Dichloromethane	9.34	
108-10-1	4-Methyl-2-pentanone	9.49	
79-46-9	2-Nitropropane	8.12	
103-65-1	n-Propylbenzene	9.72	
100-42-5	Styrene	9.16	
630-20-6	1,1,1,2-Tetrachloroethane	10.2	
79-34-5	1,1,2,2-Tetrachloroethane	8.76	
127-18-4	Tetrachloroethene	10.6	
108-88-3	Toluene	10.1	
87-61-6	1,2,3-Trichlorobenzene	9.94	
120-82-1	1,2,4-Trichlorobenzene	10.3	
71-55-6	1,1,1-Trichloroethane	10.0	
79-00-5	1,1,2-Trichloroethane	9.35	
79-01-6	Trichloroethene	10.2	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L240000 096
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KET0C1AC Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:NA

QC Batch: 7358096

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-67-8	1,3,5-Trimethylbenzene	9.80	
108-05-4	Vinyl acetate	11.2	
75-01-4	Vinyl chloride	8.62	
95-47-6	o-Xylene	10.0	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	10.8	
136777-61-2	m-Xylene & p-Xylene	19.9	
96-12-8	1,2-Dibromo-3-chloropropane	8.40	
75-71-8	Dichlorodifluoromethane (Fre	8.01	
1634-04-4	Methyl tert-butyl ether	9.47	
107-05-1	Allyl chloride	10.7	
108-94-1	Cyclohexanone	81.5	
106-93-4	1,2-Dibromoethane (EDB)	9.28	
110-57-6	trans-1,4-Dichloro-2-butene	8.87	
97-63-2	Ethyl methacrylate	8.29	
87-68-3	Hexachlorobutadiene	10.9	
110-54-3	n-Hexane	11.4	
80-62-6	Methyl methacrylate	10.2	
91-20-3	Naphthalene	9.01	
109-99-9	Tetrahydrofuran	40.4	
60-29-7	Ethyl ether	19.6	
71-36-3	1-Butanol	123	
141-78-6	Ethyl acetate	41.7	a
110-75-8	2-Chloroethyl vinyl ether	9.12	
107-02-8	Acrolein	35.4	
107-13-1	Acrylonitrile	52.9	
110-82-7	Cyclohexane	10.8	
78-83-1	Isobutanol	174	
126-98-7	Methacrylonitrile	60.1	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L240000 096
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KET0C1AC Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:NA

QC Batch: 7358096

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	10.6	
107-12-0	Propionitrile	47.6	
123-91-1	1,4-Dioxane	115	
76-01-7	Pentachloroethane	10.3	
79-20-9	Methyl acetate	6.67	
126-99-8	2-Chloro-1,3-butadiene	10.5	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	110	(85 - 121)
Dibromofluoromethane	104	(84 - 117)
1,2-Dichloroethane-d4	99	(72 - 124)
4-Bromofluorobenzene	95	(80 - 121)

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AC Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-43-2	Benzene	9.97	
108-90-7	Chlorobenzene	10.0	
67-66-3	Chloroform	10.3	
95-50-1	1,2-Dichlorobenzene	9.73	
106-46-7	1,4-Dichlorobenzene	9.37	
10061-01-5	cis-1,3-Dichloropropene	11.6	
124-48-1	Dibromochloromethane	11.9	
74-87-3	Chloromethane	8.54	
75-01-4	Vinyl chloride	9.46	
74-83-9	Bromomethane	11.9	
75-00-3	Chloroethane	11.4	
67-64-1	Acetone	9.24	
75-35-4	1,1-Dichloroethene	9.53	
75-09-2	Methylene chloride	11.6	
75-15-0	Carbon disulfide	10.8	
75-34-3	1,1-Dichloroethane	10.1	
78-93-3	2-Butanone	9.21	
540-59-0	1,2-Dichloroethene (total)	20.2	
71-55-6	1,1,1-Trichloroethane	9.93	
56-23-5	Carbon tetrachloride	10.5	
107-06-2	1,2-Dichloroethane	10.5	
79-01-6	Trichloroethene	10.1	
78-87-5	1,2-Dichloropropane	10.7	
75-27-4	Bromodichloromethane	11.2	
79-00-5	1,1,2-Trichloroethane	10.5	
10061-02-6	trans-1,3-Dichloropropene	11.7	
108-88-3	Toluene	9.52	
136777-61-2	m-Xylene & p-Xylene	18.9	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AC Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
95-47-6	o-Xylene	10.0	
541-73-1	1,3-Dichlorobenzene	9.68	
591-78-6	2-Hexanone	10.5	
108-10-1	4-Methyl-2-pentanone	11.7	
75-25-2	Bromoform	11.3	
100-41-4	Ethylbenzene	9.48	
100-42-5	Styrene	9.59	
79-34-5	1,1,2,2-Tetrachloroethane	10.3	
127-18-4	Tetrachloroethene	9.76	
108-86-1	Bromobenzene	9.86	
74-97-5	Bromochloromethane	11.5	
104-51-8	n-Butylbenzene	9.05	
135-98-8	sec-Butylbenzene	8.78	
98-06-6	tert-Butylbenzene	8.88	
107-05-1	Allyl chloride	9.75	
95-49-8	2-Chlorotoluene	9.16	
106-43-4	4-Chlorotoluene	9.34	
108-94-1	Cyclohexanone	101	
96-12-8	1,2-Dibromo-3-chloropropane	11.0	
106-93-4	1,2-Dibromoethane (EDB)	10.9	
110-57-6	trans-1,4-Dichloro-2-butene	10.8	
75-71-8	Dichlorodifluoromethane (Fre	9.28	
156-59-2	cis-1,2-Dichloroethene	10.4	
156-60-5	trans-1,2-Dichloroethene	9.77	
142-28-9	1,3-Dichloropropane	10.6	
594-20-7	2,2-Dichloropropane	10.1	
563-58-6	1,1-Dichloropropene	10.1	
97-63-2	Ethyl methacrylate	10.4	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AC Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
76-13-1	Freon 113	10.8	
87-68-3	Hexachlorobutadiene	9.89	
110-54-3	n-Hexane	11.6	
98-82-8	Isopropylbenzene	8.58	
99-87-6	4-Isopropyltoluene	8.98	
80-62-6	Methyl methacrylate	12.2	
1634-04-4	Methyl tert-butyl ether (MTB	11.7	
91-20-3	Naphthalene	13.6	a
79-46-9	2-Nitropropane	10.7	
103-65-1	n-Propylbenzene	8.77	
630-20-6	1,1,1,2-Tetrachloroethane	10.4	
109-99-9	Tetrahydrofuran	59.3	
87-61-6	1,2,3-Trichlorobenzene	14.3	a
120-82-1	1,2,4-Trichlorobenzene	12.7	a
75-69-4	Trichlorofluoromethane	9.21	
108-67-8	1,3,5-Trimethylbenzene	8.94	
60-29-7	Ethyl ether	23.6	
71-36-3	1-Butanol	141	a
75-05-8	Acetonitrile	55.5	
141-78-6	Ethyl acetate	52.7	a
110-75-8	2-Chloroethyl vinyl ether	6.97	
74-88-4	Iodomethane	8.27	
108-05-4	Vinyl acetate	12.7	
107-02-8	Acrolein	45.4	
107-13-1	Acrylonitrile	58.6	
110-82-7	Cyclohexane	10.4	
78-83-1	Isobutanol	221	
126-98-7	Methacrylonitrile	76.1	a

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AC Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	10.0	
107-12-0	Propionitrile	63.3	
123-91-1	1,4-Dioxane	180	
76-01-7	Pentachloroethane	11.2	
79-20-9	Methyl acetate	7.36	
126-99-8	2-Chloro-1,3-butadiene	9.72	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	99	(85 - 121)
Dibromofluoromethane	110	(84 - 117)
1,2-Dichloroethane-d4	104	(72 - 124)
4-Bromofluorobenzene	95	(80 - 121)

FORM I

ENSR International
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-7B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	9.71	
75-05-8	Acetonitrile	73.6	
71-43-2	Benzene	13.6	
108-86-1	Bromobenzene	10.7	
74-97-5	Chlorobromomethane	13.3	
75-27-4	Bromodichloromethane	15.3	a
75-25-2	Bromoform	12.3	
74-83-9	Bromomethane	11.6	
78-93-3	Methyl ethyl ketone	12.6	p
104-51-8	n-Butylbenzene	8.76	
135-98-8	sec-Butylbenzene	8.89	
98-06-6	tert-Butylbenzene	9.36	
75-15-0	Carbon disulfide	14.2	
56-23-5	Carbon tetrachloride	14.4	
108-90-7	Chlorobenzene	12.6	
124-48-1	Chlorodibromomethane	13.9	
75-00-3	Chloroethane	12.7	
67-66-3	Chloroform	23.5	a p
74-87-3	Chloromethane	12.4	
95-49-8	2-Chlorotoluene	9.84	
106-43-4	4-Chlorotoluene	9.90	
95-50-1	1,2-Dichlorobenzene	11.5	p
541-73-1	1,3-Dichlorobenzene	10.4	
106-46-7	1,4-Dichlorobenzene	11.4	p
75-34-3	1,1-Dichloroethane	15.7	
107-06-2	1,2-Dichloroethane	15.9	
75-35-4	1,1-Dichloroethene	12.8	
156-59-2	cis-1,2-Dichloroethene	13.7	

FORM I

ENSR International
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-7B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-60-5	trans-1,2-Dichloroethene	12.6	
540-59-0	1,2-Dichloroethene (total)	26.2	
78-87-5	1,2-Dichloropropane	14.2	
142-28-9	1,3-Dichloropropane	13.1	
594-20-7	2,2-Dichloropropane	11.1	
563-58-6	1,1-Dichloropropene	12.9	
10061-01-5	cis-1,3-Dichloropropene	15.3	a
10061-02-6	trans-1,3-Dichloropropene	13.1	
100-41-4	Ethylbenzene	11.0	
75-69-4	Trichlorofluoromethane	12.5	
591-78-6	2-Hexanone	12.6	
74-88-4	Iodomethane	15.3	a
98-82-8	Isopropylbenzene	9.20	
99-87-6	p-Isopropyltoluene	9.11	
75-09-2	Dichloromethane	14.5	
108-10-1	4-Methyl-2-pentanone	14.6	
79-46-9	2-Nitropropane	11.9	
103-65-1	n-Propylbenzene	9.10	
100-42-5	Styrene	0.0	a
630-20-6	1,1,1,2-Tetrachloroethane	12.1	
79-34-5	1,1,2,2-Tetrachloroethane	11.6	
127-18-4	Tetrachloroethene	11.3	
108-88-3	Toluene	11.1	
87-61-6	1,2,3-Trichlorobenzene	14.8	a
120-82-1	1,2,4-Trichlorobenzene	13.0	
71-55-6	1,1,1-Trichloroethane	13.2	
79-00-5	1,1,2-Trichloroethane	12.6	
79-01-6	Trichloroethene	13.2	

FORM I

ENSR International
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-7B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-67-8	1,3,5-Trimethylbenzene	9.45	
108-05-4	Vinyl acetate	0.0	a
75-01-4	Vinyl chloride	13.5	
95-47-6	o-Xylene	11.8	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	13.2	
136777-61-2	m-Xylene & p-Xylene	22.2	
96-12-8	1,2-Dibromo-3-chloropropane	12.0	
75-71-8	Dichlorodifluoromethane (Fre	12.3	
1634-04-4	Methyl tert-butyl ether	16.8	a
107-05-1	Allyl chloride	12.9	
108-94-1	Cyclohexanone	82.1	p
106-93-4	1,2-Dibromoethane (EDB)	13.2	
110-57-6	trans-1,4-Dichloro-2-butene	12.1	
60-29-7	Ethyl ether	32.3	a
97-63-2	Ethyl methacrylate	11.8	
87-68-3	Hexachlorobutadiene	7.05	
110-54-3	n-Hexane	13.2	
80-62-6	Methyl methacrylate	16.5	a
91-20-3	Naphthalene	14.8	
109-99-9	Tetrahydrofuran	77.6	a
71-36-3	1-Butanol	114	p
141-78-6	Ethyl acetate	73.5	a
110-75-8	2-Chloroethyl vinyl ether	0.0	a
107-02-8	Acrolein	26.4	p
107-13-1	Acrylonitrile	76.9	a
110-82-7	Cyclohexane	13.9	a
78-83-1	Isobutanol	282	
126-98-7	Methacrylonitrile	82.8	a

FORM I

ENSR International
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-7B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	12.3	p
107-12-0	Propionitrile	78.9	a
123-91-1	1,4-Dioxane	222	
76-01-7	Pentachloroethane	12.4	
79-20-9	Methyl acetate	9.97	
126-99-8	2-Chloro-1,3-butadiene	13.4	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	99	(69 - 119)
Dibromofluoromethane	120	(74 - 134)
1,2-Dichloroethane-d4	116	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	8.80	
75-05-8	Acetonitrile	46.8	
71-43-2	Benzene	9.89	
108-86-1	Bromobenzene	9.83	
74-97-5	Chlorobromomethane	10.7	
75-27-4	Bromodichloromethane	11.0	
75-25-2	Bromoform	11.7	
74-83-9	Bromomethane	11.8	
78-93-3	Methyl ethyl ketone	9.36	
104-51-8	n-Butylbenzene	9.06	
135-98-8	sec-Butylbenzene	8.89	
98-06-6	tert-Butylbenzene	8.94	
75-15-0	Carbon disulfide	10.4	
56-23-5	Carbon tetrachloride	10.6	
108-90-7	Chlorobenzene	10.0	
124-48-1	Chlorodibromomethane	11.4	
75-00-3	Chloroethane	8.20	
67-66-3	Chloroform	10.3	
74-87-3	Chloromethane	8.87	
95-49-8	2-Chlorotoluene	9.01	
106-43-4	4-Chlorotoluene	9.33	
95-50-1	1,2-Dichlorobenzene	9.87	
541-73-1	1,3-Dichlorobenzene	9.56	
106-46-7	1,4-Dichlorobenzene	9.56	
75-34-3	1,1-Dichloroethane	9.71	
107-06-2	1,2-Dichloroethane	10.4	
75-35-4	1,1-Dichloroethene	9.83	
156-59-2	cis-1,2-Dichloroethene	10.3	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-60-5	trans-1,2-Dichloroethene	9.59	
540-59-0	1,2-Dichloroethene (total)	19.9	
78-87-5	1,2-Dichloropropane	10.6	
142-28-9	1,3-Dichloropropane	10.8	
594-20-7	2,2-Dichloropropane	9.57	
563-58-6	1,1-Dichloropropene	9.80	
10061-01-5	cis-1,3-Dichloropropene	11.2	
10061-02-6	trans-1,3-Dichloropropene	10.5	
100-41-4	Ethylbenzene	9.46	
75-69-4	Trichlorofluoromethane	9.20	
591-78-6	2-Hexanone	9.27	
74-88-4	Iodomethane	9.16	
98-82-8	Isopropylbenzene	8.72	
99-87-6	p-Isopropyltoluene	9.16	
75-09-2	Dichloromethane	10.9	
108-10-1	4-Methyl-2-pentanone	11.4	
79-46-9	2-Nitropropane	10.6	
103-65-1	n-Propylbenzene	8.86	
100-42-5	Styrene	9.42	
630-20-6	1,1,1,2-Tetrachloroethane	10.4	
79-34-5	1,1,2,2-Tetrachloroethane	10.2	
127-18-4	Tetrachloroethene	9.64	
108-88-3	Toluene	9.46	
87-61-6	1,2,3-Trichlorobenzene	13.7	a
120-82-1	1,2,4-Trichlorobenzene	12.2	
71-55-6	1,1,1-Trichloroethane	9.86	
79-00-5	1,1,2-Trichloroethane	10.3	
79-01-6	Trichloroethene	10.0	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-67-8	1,3,5-Trimethylbenzene	9.06	
108-05-4	Vinyl acetate	13.6	
75-01-4	Vinyl chloride	9.71	
95-47-6	o-Xylene	9.92	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	10.4	
136777-61-2	m-Xylene & p-Xylene	19.0	
96-12-8	1,2-Dibromo-3-chloropropane	10.8	
75-71-8	Dichlorodifluoromethane (Fre	9.59	
1634-04-4	Methyl tert-butyl ether	12.0	
107-05-1	Allyl chloride	10.2	
108-94-1	Cyclohexanone	74.0	
106-93-4	1,2-Dibromoethane (EDB)	10.6	
110-57-6	trans-1,4-Dichloro-2-butene	11.3	
97-63-2	Ethyl methacrylate	9.87	
87-68-3	Hexachlorobutadiene	9.73	
110-54-3	n-Hexane	11.3	
80-62-6	Methyl methacrylate	12.2	
91-20-3	Naphthalene	12.4	
109-99-9	Tetrahydrofuran	58.2	
60-29-7	Ethyl ether	24.0	
71-36-3	1-Butanol	89.8	p
141-78-6	Ethyl acetate	58.4	a
110-75-8	2-Chloroethyl vinyl ether	9.03	
107-02-8	Acrolein	41.6	p
107-13-1	Acrylonitrile	59.8	
110-82-7	Cyclohexane	10.6	
78-83-1	Isobutanol	222	
126-98-7	Methacrylonitrile	75.1	a p

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	10.2	
107-12-0	Propionitrile	55.4	
123-91-1	1,4-Dioxane	143	
76-01-7	Pentachloroethane	11.1	
79-20-9	Methyl acetate	8.20	
126-99-8	2-Chloro-1,3-butadiene	9.98	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	99	(85 - 121)
Dibromofluoromethane	110	(84 - 117)
1,2-Dichloroethane-d4	105	(72 - 124)
4-Bromofluorobenzene	96	(80 - 121)

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L240000 096
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KET0C1AD Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:NA

QC Batch: 7358096

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	7.48	
75-05-8	Acetonitrile	41.4	
71-43-2	Benzene	9.60	
108-86-1	Bromobenzene	9.60	
74-97-5	Chlorobromomethane	10.3	
75-27-4	Bromodichloromethane	10.2	
75-25-2	Bromoform	10.6	
74-83-9	Bromomethane	13.5	
78-93-3	Methyl ethyl ketone	9.80	p
104-51-8	n-Butylbenzene	9.78	
135-98-8	sec-Butylbenzene	9.60	
98-06-6	tert-Butylbenzene	9.76	
75-15-0	Carbon disulfide	10.3	
56-23-5	Carbon tetrachloride	10.6	
108-90-7	Chlorobenzene	9.79	
124-48-1	Chlorodibromomethane	10.6	
75-00-3	Chloroethane	10.8	
67-66-3	Chloroform	9.67	
74-87-3	Chloromethane	6.91	
95-49-8	2-Chlorotoluene	9.53	
106-43-4	4-Chlorotoluene	9.56	
95-50-1	1,2-Dichlorobenzene	9.57	
541-73-1	1,3-Dichlorobenzene	9.45	
106-46-7	1,4-Dichlorobenzene	9.13	
75-34-3	1,1-Dichloroethane	10.1	
107-06-2	1,2-Dichloroethane	9.64	
75-35-4	1,1-Dichloroethene	10.2	
156-59-2	cis-1,2-Dichloroethene	9.82	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L240000 096
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KET0C1AD Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:NA

QC Batch: 7358096

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-60-5	trans-1,2-Dichloroethene	9.77	
540-59-0	1,2-Dichloroethene (total)	19.6	
78-87-5	1,2-Dichloropropane	9.81	
142-28-9	1,3-Dichloropropane	10.2	
594-20-7	2,2-Dichloropropane	9.85	
563-58-6	1,1-Dichloropropene	10.2	
10061-01-5	cis-1,3-Dichloropropene	10.4	
10061-02-6	trans-1,3-Dichloropropene	10.5	
100-41-4	Ethylbenzene	10.0	
75-69-4	Trichlorofluoromethane	9.27	
591-78-6	2-Hexanone	8.23	
74-88-4	Iodomethane	18.0	a
98-82-8	Isopropylbenzene	9.46	
99-87-6	p-Isopropyltoluene	9.83	
75-09-2	Dichloromethane	10.7	
108-10-1	4-Methyl-2-pentanone	10.1	
79-46-9	2-Nitropropane	9.21	
103-65-1	n-Propylbenzene	9.66	
100-42-5	Styrene	9.41	
630-20-6	1,1,1,2-Tetrachloroethane	9.77	
79-34-5	1,1,2,2-Tetrachloroethane	9.03	
127-18-4	Tetrachloroethene	10.2	
108-88-3	Toluene	9.96	
87-61-6	1,2,3-Trichlorobenzene	9.74	
120-82-1	1,2,4-Trichlorobenzene	10.0	
71-55-6	1,1,1-Trichloroethane	10.1	
79-00-5	1,1,2-Trichloroethane	9.38	
79-01-6	Trichloroethene	10.1	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L240000 096
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KET0C1AD Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:NA

QC Batch: 7358096

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-67-8	1,3,5-Trimethylbenzene	9.67	
108-05-4	Vinyl acetate	11.4	
75-01-4	Vinyl chloride	9.09	
95-47-6	o-Xylene	10.0	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	10.4	
136777-61-2	m-Xylene & p-Xylene	19.6	
96-12-8	1,2-Dibromo-3-chloropropane	8.94	
75-71-8	Dichlorodifluoromethane (Fre	8.14	
1634-04-4	Methyl tert-butyl ether	10.3	
107-05-1	Allyl chloride	11.0	
108-94-1	Cyclohexanone	71.8	
106-93-4	1,2-Dibromoethane (EDB)	10.4	
110-57-6	trans-1,4-Dichloro-2-butene	9.44	
97-63-2	Ethyl methacrylate	9.00	
87-68-3	Hexachlorobutadiene	10.1	
110-54-3	n-Hexane	11.2	
80-62-6	Methyl methacrylate	9.61	
91-20-3	Naphthalene	9.27	
109-99-9	Tetrahydrofuran	50.4	p
60-29-7	Ethyl ether	20.0	
71-36-3	1-Butanol	112	
141-78-6	Ethyl acetate	44.6	a
110-75-8	2-Chloroethyl vinyl ether	8.47	
107-02-8	Acrolein	47.4	p
107-13-1	Acrylonitrile	49.9	
110-82-7	Cyclohexane	10.5	
78-83-1	Isobutanol	186	
126-98-7	Methacrylonitrile	63.1	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L240000 096
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KET0C1AD Date Extracted:12/21/07
Dilution factor: 1 Date Analyzed: 12/21/07
Moisture %:NA

QC Batch: 7358096

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	10.4	
107-12-0	Propionitrile	48.7	
123-91-1	1,4-Dioxane	145	p
76-01-7	Pentachloroethane	10.3	
79-20-9	Methyl acetate	5.52	
126-99-8	2-Chloro-1,3-butadiene	10.2	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	107	(85 - 121)
Dibromofluoromethane	105	(84 - 117)
1,2-Dichloroethane-d4	99	(72 - 124)
4-Bromofluorobenzene	94	(80 - 121)

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AD Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-43-2	Benzene	9.76	
108-90-7	Chlorobenzene	9.57	
67-66-3	Chloroform	9.92	
95-50-1	1,2-Dichlorobenzene	9.70	
106-46-7	1,4-Dichlorobenzene	9.31	
10061-01-5	cis-1,3-Dichloropropene	11.0	
124-48-1	Dibromochloromethane	11.0	
74-87-3	Chloromethane	8.55	
75-01-4	Vinyl chloride	9.22	
74-83-9	Bromomethane	11.2	
75-00-3	Chloroethane	7.50	p
67-64-1	Acetone	9.36	
75-35-4	1,1-Dichloroethene	9.74	
75-09-2	Methylene chloride	11.7	
75-15-0	Carbon disulfide	10.0	
75-34-3	1,1-Dichloroethane	9.86	
78-93-3	2-Butanone	8.71	
540-59-0	1,2-Dichloroethene (total)	20.0	
71-55-6	1,1,1-Trichloroethane	9.65	
56-23-5	Carbon tetrachloride	10.2	
107-06-2	1,2-Dichloroethane	10.5	
79-01-6	Trichloroethene	9.78	
78-87-5	1,2-Dichloropropane	10.7	
75-27-4	Bromodichloromethane	11.1	
79-00-5	1,1,2-Trichloroethane	10.0	
10061-02-6	trans-1,3-Dichloropropene	10.8	
108-88-3	Toluene	9.12	
136777-61-2	m-Xylene & p-Xylene	18.1	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AD Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
95-47-6	o-Xylene	9.58	
541-73-1	1,3-Dichlorobenzene	9.40	
591-78-6	2-Hexanone	10.1	
108-10-1	4-Methyl-2-pentanone	12.1	
75-25-2	Bromoform	11.6	
100-41-4	Ethylbenzene	9.02	
100-42-5	Styrene	9.22	
79-34-5	1,1,2,2-Tetrachloroethane	10.5	
127-18-4	Tetrachloroethene	9.26	
108-86-1	Bromobenzene	9.68	
74-97-5	Bromochloromethane	10.6	
104-51-8	n-Butylbenzene	8.73	
135-98-8	sec-Butylbenzene	8.45	
98-06-6	tert-Butylbenzene	8.62	
107-05-1	Allyl chloride	9.51	
95-49-8	2-Chlorotoluene	8.98	
106-43-4	4-Chlorotoluene	9.04	
108-94-1	Cyclohexanone	71.1	p
96-12-8	1,2-Dibromo-3-chloropropane	10.8	
106-93-4	1,2-Dibromoethane (EDB)	10.1	
110-57-6	trans-1,4-Dichloro-2-butene	10.8	
75-71-8	Dichlorodifluoromethane (Fre	8.97	
156-59-2	cis-1,2-Dichloroethene	10.6	
156-60-5	trans-1,2-Dichloroethene	9.40	
142-28-9	1,3-Dichloropropane	10.6	
594-20-7	2,2-Dichloropropane	9.55	
563-58-6	1,1-Dichloropropene	9.97	
97-63-2	Ethyl methacrylate	10.3	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AD Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
76-13-1	Freon 113	10.3	
87-68-3	Hexachlorobutadiene	9.38	
110-54-3	n-Hexane	11.2	
98-82-8	Isopropylbenzene	8.37	
99-87-6	4-Isopropyltoluene	8.73	
80-62-6	Methyl methacrylate	11.6	
1634-04-4	Methyl tert-butyl ether (MTB	12.3	
91-20-3	Naphthalene	12.5	
79-46-9	2-Nitropropane	10.2	
103-65-1	n-Propylbenzene	8.56	
630-20-6	1,1,1,2-Tetrachloroethane	10.1	
109-99-9	Tetrahydrofuran	59.9	
87-61-6	1,2,3-Trichlorobenzene	14.0	a
120-82-1	1,2,4-Trichlorobenzene	12.3	
75-69-4	Trichlorofluoromethane	8.94	
108-67-8	1,3,5-Trimethylbenzene	8.78	
60-29-7	Ethyl ether	23.5	
71-36-3	1-Butanol	97.4	p
75-05-8	Acetonitrile	51.5	
141-78-6	Ethyl acetate	54.3	a
110-75-8	2-Chloroethyl vinyl ether	7.46	
74-88-4	Iodomethane	8.38	
108-05-4	Vinyl acetate	13.4	
107-02-8	Acrolein	50.2	
107-13-1	Acrylonitrile	59.9	
110-82-7	Cyclohexane	10.2	
78-83-1	Isobutanol	217	
126-98-7	Methacrylonitrile	65.9	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AD Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	9.64	
107-12-0	Propionitrile	59.7	
123-91-1	1,4-Dioxane	119	p
76-01-7	Pentachloroethane	11.0	
79-20-9	Methyl acetate	8.43	
126-99-8	2-Chloro-1,3-butadiene	9.55	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	95	(85 - 121)
Dibromofluoromethane	106	(84 - 117)
1,2-Dichloroethane-d4	104	(72 - 124)
4-Bromofluorobenzene	93	(80 - 121)

FORM I

ENSR International
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-7B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	11.5	
75-05-8	Acetonitrile	68.5	
71-43-2	Benzene	13.2	
108-86-1	Bromobenzene	10.3	
74-97-5	Chlorobromomethane	14.1	
75-27-4	Bromodichloromethane	15.2	a
75-25-2	Bromoform	11.6	
74-83-9	Bromomethane	10.5	
78-93-3	Methyl ethyl ketone	9.28	
104-51-8	n-Butylbenzene	8.38	
135-98-8	sec-Butylbenzene	8.64	
98-06-6	tert-Butylbenzene	9.02	
75-15-0	Carbon disulfide	14.4	
56-23-5	Carbon tetrachloride	14.1	
108-90-7	Chlorobenzene	13.0	
124-48-1	Chlorodibromomethane	13.3	
75-00-3	Chloroethane	10.6	
67-66-3	Chloroform	65.4	a
74-87-3	Chloromethane	12.3	
95-49-8	2-Chlorotoluene	9.29	
106-43-4	4-Chlorotoluene	9.57	
95-50-1	1,2-Dichlorobenzene	14.7	a
541-73-1	1,3-Dichlorobenzene	10.4	
106-46-7	1,4-Dichlorobenzene	14.6	a
75-34-3	1,1-Dichloroethane	15.5	
107-06-2	1,2-Dichloroethane	15.9	
75-35-4	1,1-Dichloroethene	12.8	
156-59-2	cis-1,2-Dichloroethene	13.7	

FORM I

ENSR International
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-7B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-60-5	trans-1,2-Dichloroethene	12.4	
540-59-0	1,2-Dichloroethene (total)	26.1	
78-87-5	1,2-Dichloropropane	13.7	
142-28-9	1,3-Dichloropropane	12.3	
594-20-7	2,2-Dichloropropane	11.2	
563-58-6	1,1-Dichloropropene	12.4	
10061-01-5	cis-1,3-Dichloropropene	14.0	
10061-02-6	trans-1,3-Dichloropropene	12.3	
100-41-4	Ethylbenzene	10.6	
75-69-4	Trichlorofluoromethane	12.4	
591-78-6	2-Hexanone	11.8	
74-88-4	Iodomethane	14.7	
98-82-8	Isopropylbenzene	8.88	
99-87-6	p-Isopropyltoluene	8.87	
75-09-2	Dichloromethane	14.6	
108-10-1	4-Methyl-2-pentanone	15.0	
79-46-9	2-Nitropropane	11.5	
103-65-1	n-Propylbenzene	8.90	
100-42-5	Styrene	0.0	a
630-20-6	1,1,1,2-Tetrachloroethane	11.6	
79-34-5	1,1,2,2-Tetrachloroethane	11.5	
127-18-4	Tetrachloroethene	11.2	
108-88-3	Toluene	10.9	
87-61-6	1,2,3-Trichlorobenzene	14.3	
120-82-1	1,2,4-Trichlorobenzene	12.3	
71-55-6	1,1,1-Trichloroethane	12.8	
79-00-5	1,1,2-Trichloroethane	12.2	
79-01-6	Trichloroethene	13.0	

FORM I

ENSR International
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-7B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-67-8	1,3,5-Trimethylbenzene	9.28	
108-05-4	Vinyl acetate	0.0	a
75-01-4	Vinyl chloride	13.7	
95-47-6	o-Xylene	11.4	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	13.9	
136777-61-2	m-Xylene & p-Xylene	21.4	
96-12-8	1,2-Dibromo-3-chloropropane	13.0	
75-71-8	Dichlorodifluoromethane (Fre	12.0	
1634-04-4	Methyl tert-butyl ether	16.1	a
107-05-1	Allyl chloride	13.2	
108-94-1	Cyclohexanone	62.0	
106-93-4	1,2-Dibromoethane (EDB)	11.8	
110-57-6	trans-1,4-Dichloro-2-butene	10.9	
60-29-7	Ethyl ether	32.2	a
97-63-2	Ethyl methacrylate	11.8	
87-68-3	Hexachlorobutadiene	7.02	
110-54-3	n-Hexane	13.6	
80-62-6	Methyl methacrylate	16.0	a
91-20-3	Naphthalene	13.8	
109-99-9	Tetrahydrofuran	75.2	
71-36-3	1-Butanol	270	a
141-78-6	Ethyl acetate	74.7	a
110-75-8	2-Chloroethyl vinyl ether	0.0	a
107-02-8	Acrolein	34.6	
107-13-1	Acrylonitrile	75.6	a
110-82-7	Cyclohexane	15.4	a
78-83-1	Isobutanol	289	
126-98-7	Methacrylonitrile	82.4	a

FORM I

ENSR International
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-7B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	7.45	
107-12-0	Propionitrile	82.4	a
123-91-1	1,4-Dioxane	221	
76-01-7	Pentachloroethane	11.7	
79-20-9	Methyl acetate	9.98	
126-99-8	2-Chloro-1,3-butadiene	12.9	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	98	(69 - 119)
Dibromofluoromethane	120	(74 - 134)
1,2-Dichloroethane-d4	116	(72 - 128)
4-Bromofluorobenzene	92	(71 - 115)

GC/MS ADDITIONAL QC SUMMARY DATA
FORMS 2 THROUGH 4

SW846 8260B SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L190135

Extraction: XXI25QK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	INTRA-LAB QC	98	117	123	90	00

SURROGATES		QC LIMITS
SRG01	= Toluene-d8	(69-119)
SRG02	= Dibromofluoromethane	(74-134)
SRG03	= 1,2-Dichloroethane-d4	(72-128)
SRG04	= 4-Bromofluorobenzene	(71-115)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L190135

Extraction: XXI25QK2X

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	EB-1	112	114	108	101	00
02	EB-1 RE-1	102	118	116	95	00
03	M-126	73	116	110	35 *	01
04	M-126 RE-1	69	116	116	35 *	01
05	M-126 RE-2	94	119	111	94	00
06	M-126 RE-3	98	116	117	100	00
07	AA-MW-16	61 *	110	115	86	01
08	AA-MW-16 RE-1	59 *	114	122	86	01
09	AA-MW-16 RE-2	96	117	125	97	00
10	M-7B RE-1	102	111	121	98	00
11	M-57A	108	113	106	94	00
12	M-57A RE-1	100	116	119	93	00
13	M-57A RE-2	96	119	117	105	00
14	QCTB	109	105	108	103	00
15	QCTB RE-1	101	114	119	99	00
16	METHOD BLK. KERR91AA	103	114	113	107	00
17	METHOD BLK. KET0C1AA	108	106	104	101	00
18	METHOD BLK. KEWA41AA	101	115	113	102	00
19	LCS KERR91AC	101	108	105	93	00
20	LCS KET0C1AC	110	104	99	95	00
21	LCS KEWA41AC	99	110	104	95	00
22	M-7B D	99	120	116	94	00
23	LCSD KERR91AD	99	110	105	96	00
24	LCSD KET0C1AD	107	105	99	94	00
25	LCSD KEWA41AD	95	106	104	93	00
26	M-7B S	98	120	116	92	00

SURROGATES		QC LIMITS
SRG01	= Toluene-d8	(69-119)
SRG02	= Dibromofluoromethane	(74-134)
SRG03	= 1,2-Dichloroethane-d4	(72-128)
SRG04	= 4-Bromofluorobenzene	(71-115)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: M-7B

Lot #: F7L190135 WO #: KEE911AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
cis-1,3-Dichloropropene	10.0	ND	14.0	140	63- 150	
Chloromethane	10.0	ND	12.3	123	36- 150	
Vinyl chloride	10.0	ND	13.7	137	54- 150	
Bromomethane	10.0	ND	10.5	105	25- 150	
Chloroethane	10.0	ND	10.6	106	58- 150	
Acetone	10.0	ND	11.5	115	26- 150	
1,1-Dichloroethene	10.0	ND	12.8	128	36- 150	
Dichloromethane	10.0	ND	14.6	146	54- 150	
Carbon disulfide	10.0	ND	14.4	144	23- 150	
1,1-Dichloroethane	10.0	2.4	15.5	132	65- 150	
1,2-Dichloroethene (total	20.0	ND	26.1	130	68- 150	
Chloroform	10.0	2.2	65.4	632*	65- 150	a
1,1,1-Trichloroethane	10.0	ND	12.8	128	62- 150	
Carbon tetrachloride	10.0	ND	14.1	141	50- 150	
1,2-Dichloroethane	10.0	2.1	15.9	138	68- 150	
Benzene	10.0	ND	13.2	132	66- 150	
Trichloroethene	10.0	ND	13.0	130	56- 150	
1,2-Dichloropropane	10.0	ND	13.7	137	64- 150	
Bromodichloromethane	10.0	ND	15.2	152*	70- 150	a
1,1,2-Trichloroethane	10.0	ND	12.2	122	53- 143	
trans-1,3-Dichloropropene	10.0	ND	12.3	123	59- 144	
Toluene	10.0	ND	10.9	109	60- 132	
m-Xylene & p-Xylene	20.0	ND	21.4	107	66- 133	
o-Xylene	10.0	ND	11.4	114	69- 136	
1,3-Dichlorobenzene	10.0	ND	10.4	104	59- 129	
1,4-Dichlorobenzene	10.0	ND	14.6	146*	55- 129	a
1,2-Dichlorobenzene	10.0	ND	14.7	147*	57- 131	a
2-Hexanone	10.0	ND	11.8	118	44- 144	

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: M-7B

Lot #: F7L190135 WO #: KEE911AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
4-Methyl-2-pentanone	10.0	ND	15.0	150	44- 150	
Chlorobenzene	10.0	ND	13.0	130	58- 137	
Bromoform	10.0	ND	11.6	116	51- 145	
Ethylbenzene	10.0	ND	10.6	106	66- 134	
Styrene	10.0	ND	0.0	0*	57- 143	a
1,1,2,2-Tetrachloroethane	10.0	ND	11.5	115	46- 142	
Tetrachloroethene	10.0	ND	11.2	112	47- 131	
Methyl ethyl ketone	10.0	ND	9.28	93	26- 150	
Chlorodibromomethane	10.0	ND	13.3	133	50- 150	
Bromobenzene	10.0	ND	10.3	103	58- 130	
Chlorobromomethane	10.0	ND	14.1	141	53- 150	
n-Butylbenzene	10.0	ND	8.38	84	45- 136	
sec-Butylbenzene	10.0	ND	8.64	86	54- 133	
tert-Butylbenzene	10.0	ND	9.02	90	48- 137	
Allyl chloride	10.0	ND	13.2	132	46- 150	
2-Chlorotoluene	10.0	ND	9.29	93	56- 130	
4-Chlorotoluene	10.0	ND	9.57	96	59- 130	
Cyclohexanone	100	ND	62.0	62	20- 137	
1,2-Dibromo-3-chloropropa	10.0	ND	13.0	130	38- 147	
1,2-Dibromoethane (EDB)	10.0	ND	11.8	118	50- 150	
trans-1,4-Dichloro-2-bute	10.0	ND	10.9	109	27- 139	
Dichlorodifluoromethane (	10.0	ND	12.0	120	28- 150	
cis-1,2-Dichloroethene	10.0	ND	13.7	137	72- 150	
trans-1,2-Dichloroethene	10.0	ND	12.4	124	61- 150	
1,3-Dichloropropane	10.0	ND	12.3	123	56- 144	
2,2-Dichloropropane	10.0	ND	11.2	112	44- 145	
1,1-Dichloropropene	10.0	ND	12.4	124	69- 149	
Ethyl ether	20.0	ND	32.2	161*	41- 150	a

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: M-7B

Lot #: F7L190135 WO #: KEE911AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Ethyl methacrylate	10.0	ND	11.8	118	55- 126	
1,1,2-Trichloro-1,2,2-tri	10.0	ND	13.9	139	41- 149	
Hexachlorobutadiene	10.0	ND	7.02	70	33- 143	
n-Hexane	10.0	ND	13.6	136	33- 150	
Isopropylbenzene	10.0	ND	8.88	89	53- 135	
p-Isopropyltoluene	10.0	ND	8.87	89	46- 137	
Methyl methacrylate	10.0	ND	16.0	160*	54- 150	a
Methyl tert-butyl ether	10.0	ND	16.1	161*	60- 150	a
Naphthalene	10.0	ND	13.8	138	30- 149	
2-Nitropropane	10.0	ND	11.5	115	48- 142	
n-Propylbenzene	10.0	ND	8.90	89	49- 138	
1,1,1,2-Tetrachloroethane	10.0	ND	11.6	116	55- 142	
Tetrahydrofuran	50.0	ND	75.2	150	40- 150	
1,2,3-Trichlorobenzene	10.0	ND	14.3	143	45- 143	
1,2,4-Trichlorobenzene	10.0	ND	12.3	123	46- 138	
Trichlorofluoromethane	10.0	ND	12.4	124	60- 142	
1,3,5-Trimethylbenzene	10.0	ND	9.28	93	48- 136	
1-Butanol	100	ND	270	270*	15- 150	a
Acetonitrile	50.0	ND	68.5	137	27- 150	
Ethyl acetate	20.0	ND	74.7	374*	26- 150	a
2-Chloroethyl vinyl ether	10.0	ND	0.0	0*	10- 150	a
Iodomethane	10.0	ND	14.7	147	20- 150	
Vinyl acetate	10.0	ND	0.0	0*	20- 150	a
Acrolein	50.0	ND	34.6	69	20- 150	
Acrylonitrile	50.0	ND	75.6	151*	62- 150	a
Cyclohexane	10.0	ND	15.4	154*	20- 137	a
Isobutanol	200	ND	289	144	21- 150	
Methacrylonitrile	50.0	ND	82.4	165*	57- 150	a

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: M-7B

Lot #: F7L190135 WO #: KEE911AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Methylcyclohexane	10.0	ND	7.45	75	51- 150	
Propionitrile	50.0	ND	82.4	165*	49- 150	a
1,4-Dioxane	200	ND	221	110	25- 150	
Pentachloroethane	10.0	ND	11.7	117	29- 150	
Methyl acetate	10.0	ND	9.98	100	32- 150	
2-Chloro-1,3-butadiene	10.0	ND	12.9	129	59- 150	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 16 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: M-7B

Lot #: F7L190135 WO #: KEE911AD
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/L)	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
m-Xylene & p-Xylene	20.0	22.2	111	3.9		20	66- 133	
o-Xylene	10.0	11.8	118	3.4		20	69- 136	
1,3-Dichlorobenzene	10.0	10.4	104	0.28		20	59- 129	
1,4-Dichlorobenzene	10.0	11.4	114	24	*	20	55- 129	p
1,2-Dichlorobenzene	10.0	11.5	115	24	*	20	57- 131	p
2-Hexanone	10.0	12.6	126	7.1		20	44- 144	
4-Methyl-2-pentanone	10.0	14.6	146	2.6		20	44- 150	
Chlorobenzene	10.0	12.6	126	3.1		20	58- 137	
Bromoform	10.0	12.3	123	5.8		20	51- 145	
Ethylbenzene	10.0	11.0	110	3.8		20	66- 134	
Styrene	10.0	0.0	0*	0.0		20	57- 143	a
1,1,2,2-Tetrachloroethane	10.0	11.6	116	0.17		20	46- 142	
Tetrachloroethene	10.0	11.3	113	0.97		20	47- 131	
Methyl ethyl ketone	10.0	12.6	126	30	*	20	26- 150	p
Chlorodibromomethane	10.0	13.9	139	4.6		20	50- 150	
Bromobenzene	10.0	10.7	107	3.5		20	58- 130	
Chlorobromomethane	10.0	13.3	133	5.6		20	53- 150	
n-Butylbenzene	10.0	8.76	88	4.4		20	45- 136	
sec-Butylbenzene	10.0	8.89	89	2.8		20	54- 133	
cis-1,3-Dichloropropene	10.0	15.3	153*	9.2		20	63- 150	a
Chloromethane	10.0	12.4	124	1.4		20	36- 150	
Vinyl chloride	10.0	13.5	135	1.3		20	54- 150	
Bromomethane	10.0	11.6	116	9.7		20	25- 150	
Chloroethane	10.0	12.7	127	18		20	58- 150	
Acetone	10.0	9.71	97	17		20	26- 150	
1,1-Dichloroethene	10.0	12.8	128	0.23		20	36- 150	
Dichloromethane	10.0	14.5	145	0.34		20	54- 150	
Carbon disulfide	10.0	14.2	142	1.3		20	23- 150	

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: M-7B

Lot #: F7L190135 WO #: KEE911AD
BATCH: 7360149

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethane	10.0	15.7	134	1.2		20	65- 150	
1,2-Dichloroethene (total	20.0	26.2	131	0.61		20	68- 150	
Chloroform	10.0	23.5	213*	94	*	20	65- 150	a p
1,1,1-Trichloroethane	10.0	13.2	132	2.7		20	62- 150	
Carbon tetrachloride	10.0	14.4	144	2.2		20	50- 150	
1,2-Dichloroethane	10.0	15.9	137	0.50		20	68- 150	
Benzene	10.0	13.6	136	2.8		20	66- 150	
Trichloroethene	10.0	13.2	132	1.8		20	56- 150	
1,2-Dichloropropane	10.0	14.2	142	3.4		20	64- 150	
Bromodichloromethane	10.0	15.3	153*	0.72		20	70- 150	a
1,1,2-Trichloroethane	10.0	12.6	126	3.2		20	53- 143	
trans-1,3-Dichloropropene	10.0	13.1	131	6.4		20	59- 144	
Toluene	10.0	11.1	111	2.3		20	60- 132	
tert-Butylbenzene	10.0	9.36	94	3.7		20	48- 137	
Allyl chloride	10.0	12.9	129	2.3		20	46- 150	
2-Chlorotoluene	10.0	9.84	98	5.7		20	56- 130	
4-Chlorotoluene	10.0	9.90	99	3.3		20	59- 130	
Cyclohexanone	100	82.1	82	28	*	20	20- 137	p
1,2-Dibromo-3-chloropropa	10.0	12.0	120	7.8		20	38- 147	
1,2-Dibromoethane (EDB)	10.0	13.2	132	11		20	50- 150	
trans-1,4-Dichloro-2-bute	10.0	12.1	121	11		20	27- 139	
Dichlorodifluoromethane (	10.0	12.3	123	2.9		20	28- 150	
cis-1,2-Dichloroethene	10.0	13.7	137	0.14		20	72- 150	
trans-1,2-Dichloroethene	10.0	12.6	126	1.4		20	61- 150	
1,3-Dichloropropane	10.0	13.1	131	6.2		20	56- 144	
2,2-Dichloropropane	10.0	11.1	111	0.71		20	44- 145	
1,1-Dichloropropene	10.0	12.9	129	3.6		20	69- 149	
Ethyl ether	20.0	32.3	162*	0.24		20	41- 150	a

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: M-7B

Lot #: F7L190135 WO #: KEE911AD
BATCH: 7360149

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
Ethyl methacrylate	10.0	11.8	118	0.25		20	55- 126	
1,1,2-Trichloro-1,2,2-tri	10.0	13.2	132	4.6		20	41- 149	
Hexachlorobutadiene	10.0	7.05	70	0.49		20	33- 143	
n-Hexane	10.0	13.2	132	2.9		20	33- 150	
Isopropylbenzene	10.0	9.20	92	3.6		20	53- 135	
p-Isopropyltoluene	10.0	9.11	91	2.7		20	46- 137	
Methyl methacrylate	10.0	16.5	165*	3.2		20	54- 150	a
Methyl tert-butyl ether	10.0	16.8	168*	4.2		20	60- 150	a
Naphthalene	10.0	14.8	148	6.7		20	30- 149	
2-Nitropropane	10.0	11.9	119	3.6		20	48- 142	
n-Propylbenzene	10.0	9.10	91	2.2		20	49- 138	
1,1,1,2-Tetrachloroethane	10.0	12.1	121	4.2		20	55- 142	
Tetrahydrofuran	50.0	77.6	155*	3.0		20	40- 150	a
1,2,3-Trichlorobenzene	10.0	14.8	148*	3.2		20	45- 143	a
1,2,4-Trichlorobenzene	10.0	13.0	130	5.5		20	46- 138	
Trichlorofluoromethane	10.0	12.5	125	0.88		20	60- 142	
1,3,5-Trimethylbenzene	10.0	9.45	95	1.8		20	48- 136	
1-Butanol	100	114	114	81	*	20	15- 150	p
Acetonitrile	50.0	73.6	147	7.2		20	27- 150	
Ethyl acetate	20.0	73.5	367*	1.7		20	26- 150	a
2-Chloroethyl vinyl ether	10.0	0.0	0*	0.0		20	10- 150	a
Iodomethane	10.0	15.3	153*	3.7		20	20- 150	a
Vinyl acetate	10.0	0.0	0*	0.0		20	20- 150	a
Acrolein	50.0	26.4	53	27	*	20	20- 150	p
Acrylonitrile	50.0	76.9	154*	1.7		20	62- 150	a
Cyclohexane	10.0	13.9	139*	10		20	20- 137	a
Isobutanol	200	282	141	2.3		20	21- 150	
Methacrylonitrile	50.0	82.8	166*	0.41		20	57- 150	a

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: M-7B

Lot #: F7L190135 WO #: KEE911AD
BATCH: 7360149

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
Methylcyclohexane	10.0	12.3	123	49	*	20	51- 150	p
Propionitrile	50.0	78.9	158*	4.3		20	49- 150	a
1,4-Dioxane	200	222	111	0.36		20	25- 150	
Pentachloroethane	10.0	12.4	124	5.2		20	29- 150	
Methyl acetate	10.0	9.97	100	0.070		20	32- 150	
2-Chloro-1,3-butadiene	10.0	13.4	134	3.6		20	59- 150	

NOTES(S):

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 8 out of 90 outside limits
Spike Recovery: 17 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L260000 WO #: KERR91AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
cis-1,3-Dichloropropene	10.0	11.2	112	84- 127	
Chlorodibromomethane	10.0	11.4	114	69- 136	
Chloromethane	10.0	7.97	80	65- 135	
Vinyl chloride	10.0	8.70	87	67- 138	
Bromomethane	10.0	11.2	112	38- 140	
Chloroethane	10.0	8.12	81	64- 139	
Acetone	10.0	9.46	95	46- 133	
1,1-Dichloroethene	10.0	9.62	96	61- 130	
Dichloromethane	10.0	10.4	104	74- 139	
Carbon disulfide	10.0	10.2	102	40- 140	
1,1-Dichloroethane	10.0	9.83	98	83- 115	
Methyl ethyl ketone	10.0	9.74	97	30- 140	
1,2-Dichloroethene (total	20.0	19.8	99	85- 118	
Chloroform	10.0	9.81	98	84- 117	
1,1,1-Trichloroethane	10.0	9.70	97	81- 120	
Carbon tetrachloride	10.0	10.4	104	73- 132	
1,2-Dichloroethane	10.0	10.4	104	78- 121	
Benzene	10.0	9.84	98	84- 117	
Trichloroethene	10.0	10.2	102	78- 120	
1,2-Dichloropropane	10.0	10.2	102	81- 120	
Bromodichloromethane	10.0	11.0	110	84- 123	
1,1,2-Trichloroethane	10.0	10.3	103	75- 122	
trans-1,3-Dichloropropene	10.0	11.0	110	85- 126	
Toluene	10.0	9.55	95	82- 123	
m-Xylene & p-Xylene	20.0	18.9	94	85- 121	
o-Xylene	10.0	10.2	102	85- 125	
1,3-Dichlorobenzene	10.0	9.44	94	85- 115	
1,4-Dichlorobenzene	10.0	9.27	93	85- 115	
2-Hexanone	10.0	10.6	106	59- 135	
4-Methyl-2-pentanone	10.0	12.6	126	59- 140	
Chlorobenzene	10.0	9.98	100	84- 116	

(Continued on next page)

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L260000 WO #: KERR91AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Bromoform	10.0	11.4	114	78- 127	
Ethylbenzene	10.0	9.38	94	85- 126	
Styrene	10.0	9.42	94	85- 125	
1,1,2,2-Tetrachloroethane	10.0	10.0	100	70- 125	
Tetrachloroethene	10.0	9.73	97	64- 127	
1,2-Dichlorobenzene	10.0	9.52	95	85- 115	
Bromobenzene	10.0	9.59	96	85- 115	
Chlorobromomethane	10.0	10.6	106	66- 153	
n-Butylbenzene	10.0	8.80	88	68- 136	
sec-Butylbenzene	10.0	8.69	87	78- 131	
tert-Butylbenzene	10.0	8.73	87	74- 129	
Allyl chloride	10.0	9.75	97	57- 136	
2-Chlorotoluene	10.0	8.93	89	79- 125	
4-Chlorotoluene	10.0	9.07	91	82- 126	
Cyclohexanone	100	66.8	67	24- 140	
1,2-Dibromo-3-chloropropa	10.0	9.59	96	58- 132	
1,2-Dibromoethane (EDB)	10.0	10.2	102	71- 130	
trans-1,4-Dichloro-2-bute	10.0	10.5	105	51- 133	
Dichlorodifluoromethane (	10.0	8.67	87	36- 140	
cis-1,2-Dichloroethene	10.0	10.0	100	85- 121	
trans-1,2-Dichloroethene	10.0	9.76	98	81- 118	
1,3-Dichloropropane	10.0	10.6	106	79- 123	
2,2-Dichloropropane	10.0	9.46	95	76- 124	
1,1-Dichloropropene	10.0	9.74	97	85- 122	
Ethyl methacrylate	10.0	9.58	96	64- 121	
1,1,2-Trichloro-1,2,2-tri	10.0	10.2	102	57- 134	
Hexachlorobutadiene	10.0	9.12	91	66- 137	
n-Hexane	10.0	9.91	99	53- 140	
Isopropylbenzene	10.0	8.49	85	75- 135	
p-Isopropyltoluene	10.0	8.88	89	74- 128	
Methyl methacrylate	10.0	11.7	117	56- 131	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L260000 WO #: KERR91AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Methyl tert-butyl ether	10.0	11.8	118	68- 133	
Naphthalene	10.0	12.1	121	58- 132	
2-Nitropropane	10.0	10.4	104	65- 133	
n-Propylbenzene	10.0	8.60	86	72- 136	
1,1,1,2-Tetrachloroethane	10.0	10.2	102	80- 122	
Tetrahydrofuran	50.0	60.1	120	60- 140	
1,2,3-Trichlorobenzene	10.0	13.4	134*	71- 130	a
1,2,4-Trichlorobenzene	10.0	11.8	118	74- 123	
Trichlorofluoromethane	10.0	8.42	84	71- 133	
1,3,5-Trimethylbenzene	10.0	8.95	90	73- 128	
Ethyl ether	20.0	23.2	116	62- 137	
1-Butanol	100	143	143*	20- 140	a
Acetonitrile	50.0	52.8	106	44- 135	
Ethyl acetate	20.0	56.3	281*	40- 140	a
2-Chloroethyl vinyl ether	10.0	9.03	90	18- 140	
Iodomethane	10.0	8.41	84	33- 140	
Vinyl acetate	10.0	12.8	128	23- 140	
Acrolein	50.0	55.0	110	20- 140	
Acrylonitrile	50.0	59.2	118	73- 136	
Cyclohexane	10.0	10.2	102	24- 140	
Isobutanol	200	203	101	50- 140	
Methacrylonitrile	50.0	60.0	120	65- 140	
Methylcyclohexane	10.0	9.74	97	68- 140	
Propionitrile	50.0	55.4	111	64- 139	
1,4-Dioxane	200	159	80	48- 140	
Pentachloroethane	10.0	11.1	111	49- 140	
Methyl acetate	10.0	8.49	85	38- 140	
2-Chloro-1,3-butadiene	10.0	9.95	100	71- 140	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 3 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L240000 WO #: KET0C1AC
BATCH: 7358096

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
cis-1,3-Dichloropropene	10.0	9.74	97	84- 127	
Chlorodibromomethane	10.0	10.4	104	69- 136	
Chloromethane	10.0	6.88	69	65- 135	
Vinyl chloride	10.0	8.62	86	67- 138	
Bromomethane	10.0	13.6	136	38- 140	
Chloroethane	10.0	10.4	104	64- 139	
Acetone	10.0	7.70	77	46- 133	
1,1-Dichloroethene	10.0	9.99	100	61- 130	
Dichloromethane	10.0	9.34	93	74- 139	
Carbon disulfide	10.0	10.5	105	40- 140	
1,1-Dichloroethane	10.0	10.0	100	83- 115	
Methyl ethyl ketone	10.0	7.97	80	30- 140	
1,2-Dichloroethene (total	20.0	20.4	102	85- 118	
Chloroform	10.0	9.67	97	84- 117	
1,1,1-Trichloroethane	10.0	10.0	100	81- 120	
Carbon tetrachloride	10.0	10.8	108	73- 132	
1,2-Dichloroethane	10.0	9.56	96	78- 121	
Benzene	10.0	9.77	98	84- 117	
Trichloroethene	10.0	10.2	102	78- 120	
1,2-Dichloropropane	10.0	9.53	95	81- 120	
Bromodichloromethane	10.0	10.1	101	84- 123	
1,1,2-Trichloroethane	10.0	9.35	94	75- 122	
trans-1,3-Dichloropropene	10.0	10.3	103	85- 126	
Toluene	10.0	10.1	101	82- 123	
m-Xylene & p-Xylene	20.0	19.9	100	85- 121	
o-Xylene	10.0	10.0	100	85- 125	
1,3-Dichlorobenzene	10.0	9.42	94	85- 115	
1,4-Dichlorobenzene	10.0	9.18	92	85- 115	
2-Hexanone	10.0	7.20	72	59- 135	
4-Methyl-2-pentanone	10.0	9.49	95	59- 140	
Chlorobenzene	10.0	9.78	98	84- 116	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L240000 WO #: KET0C1AC
BATCH: 7358096

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Bromoform	10.0	10.4	104	78- 127	
Ethylbenzene	10.0	9.88	99	85- 126	
Styrene	10.0	9.16	92	85- 125	
1,1,2,2-Tetrachloroethane	10.0	8.76	88	70- 125	
Tetrachloroethene	10.0	10.6	106	64- 127	
1,2-Dichlorobenzene	10.0	9.22	92	85- 115	
Bromobenzene	10.0	9.67	97	85- 115	
Chlorobromomethane	10.0	9.57	96	66- 153	
n-Butylbenzene	10.0	10.1	101	68- 136	
sec-Butylbenzene	10.0	9.92	99	78- 131	
tert-Butylbenzene	10.0	10.0	100	74- 129	
Allyl chloride	10.0	10.7	107	57- 136	
2-Chlorotoluene	10.0	9.42	94	79- 125	
4-Chlorotoluene	10.0	9.44	94	82- 126	
Cyclohexanone	100	81.5	81	24- 140	
1,2-Dibromo-3-chloropropa	10.0	8.40	84	58- 132	
1,2-Dibromoethane (EDB)	10.0	9.28	93	71- 130	
trans-1,4-Dichloro-2-bute	10.0	8.87	89	51- 133	
Dichlorodifluoromethane (	10.0	8.01	80	36- 140	
cis-1,2-Dichloroethene	10.0	10.4	104	85- 121	
trans-1,2-Dichloroethene	10.0	10.0	100	81- 118	
1,3-Dichloropropane	10.0	9.50	95	79- 123	
2,2-Dichloropropane	10.0	10.0	100	76- 124	
1,1-Dichloropropene	10.0	10.3	103	85- 122	
Ethyl methacrylate	10.0	8.29	83	64- 121	
1,1,2-Trichloro-1,2,2-tri	10.0	10.8	108	57- 134	
Hexachlorobutadiene	10.0	10.9	109	66- 137	
n-Hexane	10.0	11.4	114	53- 140	
Isopropylbenzene	10.0	9.66	97	75- 135	
p-Isopropyltoluene	10.0	10.2	102	74- 128	
Methyl methacrylate	10.0	10.2	102	56- 131	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L240000 WO #: KET0C1AC
BATCH: 7358096

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Methyl tert-butyl ether	10.0	9.47	95	68- 133	
Naphthalene	10.0	9.01	90	58- 132	
2-Nitropropane	10.0	8.12	81	65- 133	
n-Propylbenzene	10.0	9.72	97	72- 136	
1,1,1,2-Tetrachloroethane	10.0	10.2	102	80- 122	
Tetrahydrofuran	50.0	40.4	81	60- 140	
1,2,3-Trichlorobenzene	10.0	9.94	99	71- 130	
1,2,4-Trichlorobenzene	10.0	10.3	103	74- 123	
Trichlorofluoromethane	10.0	9.17	92	71- 133	
1,3,5-Trimethylbenzene	10.0	9.80	98	73- 128	
Ethyl ether	20.0	19.6	98	62- 137	
1-Butanol	100	123	123	20- 140	
Acetonitrile	50.0	49.7	99	44- 135	
Ethyl acetate	20.0	41.7	209*	40- 140	a
2-Chloroethyl vinyl ether	10.0	9.12	91	18- 140	
Iodomethane	10.0	16.5	165*	33- 140	a
Vinyl acetate	10.0	11.2	112	23- 140	
Acrolein	50.0	35.4	71	20- 140	
Acrylonitrile	50.0	52.9	106	73- 136	
Cyclohexane	10.0	10.8	108	24- 140	
Isobutanol	200	174	87	50- 140	
Methacrylonitrile	50.0	60.1	120	65- 140	
Methylcyclohexane	10.0	10.6	106	68- 140	
Propionitrile	50.0	47.6	95	64- 139	
1,4-Dioxane	200	115	57	48- 140	
Pentachloroethane	10.0	10.3	103	49- 140	
Methyl acetate	10.0	6.67	67	38- 140	
2-Chloro-1,3-butadiene	10.0	10.5	105	71- 140	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 2 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L280000 WO #: KEWA41AC
BATCH: 7362155

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
cis-1,3-Dichloropropene	10.0	11.6	116	84- 127	
Dibromochloromethane	10.0	11.9	119	69- 136	
Chloromethane	10.0	8.54	85	65- 135	
Vinyl chloride	10.0	9.46	95	67- 138	
Bromomethane	10.0	11.9	119	38- 140	
Chloroethane	10.0	11.4	114	64- 139	
Acetone	10.0	9.24	92	46- 133	
1,1-Dichloroethene	10.0	9.53	95	61- 130	
Methylene chloride	10.0	11.6	116	74- 139	
Carbon disulfide	10.0	10.8	108	40- 140	
1,1-Dichloroethane	10.0	10.1	101	83- 115	
2-Butanone	10.0	9.21	92	30- 140	
1,2-Dichloroethene (total	20.0	20.2	101	85- 118	
Chloroform	10.0	10.3	103	84- 117	
1,1,1-Trichloroethane	10.0	9.93	99	81- 120	
Carbon tetrachloride	10.0	10.5	105	73- 132	
1,2-Dichloroethane	10.0	10.5	105	78- 121	
Benzene	10.0	9.97	100	84- 117	
Trichloroethene	10.0	10.1	101	78- 120	
1,2-Dichloropropane	10.0	10.7	107	81- 120	
Bromodichloromethane	10.0	11.2	112	84- 123	
1,1,2-Trichloroethane	10.0	10.5	105	75- 122	
trans-1,3-Dichloropropene	10.0	11.7	117	85- 126	
Toluene	10.0	9.52	95	82- 123	
m-Xylene & p-Xylene	20.0	18.9	94	85- 121	
o-Xylene	10.0	10.0	100	85- 125	
1,3-Dichlorobenzene	10.0	9.68	97	85- 115	
1,4-Dichlorobenzene	10.0	9.37	94	85- 115	
2-Hexanone	10.0	10.5	105	59- 135	
4-Methyl-2-pentanone	10.0	11.7	117	59- 140	
Chlorobenzene	10.0	10.0	100	84- 116	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L280000 WO #: KEWA41AC
BATCH: 7362155

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Bromoform	10.0	11.3	113	78- 127	
Ethylbenzene	10.0	9.48	95	85- 126	
Styrene	10.0	9.59	96	85- 125	
1,1,2,2-Tetrachloroethane	10.0	10.3	103	70- 125	
Tetrachloroethene	10.0	9.76	98	64- 127	
1,2-Dichlorobenzene	10.0	9.73	97	85- 115	
Bromobenzene	10.0	9.86	99	85- 115	
Bromochloromethane	10.0	11.5	115	66- 153	
n-Butylbenzene	10.0	9.05	91	68- 136	
sec-Butylbenzene	10.0	8.78	88	78- 131	
tert-Butylbenzene	10.0	8.88	89	74- 129	
Allyl chloride	10.0	9.75	98	57- 136	
2-Chlorotoluene	10.0	9.16	92	79- 125	
4-Chlorotoluene	10.0	9.34	93	82- 126	
Cyclohexanone	100	101	101	24- 140	
1,2-Dibromo-3-chloropropa	10.0	11.0	110	58- 132	
1,2-Dibromoethane (EDB)	10.0	10.9	109	71- 130	
trans-1,4-Dichloro-2-bute	10.0	10.8	108	51- 133	
Dichlorodifluoromethane (	10.0	9.28	93	36- 140	
cis-1,2-Dichloroethene	10.0	10.4	104	85- 121	
trans-1,2-Dichloroethene	10.0	9.77	98	81- 118	
1,3-Dichloropropane	10.0	10.6	106	79- 123	
2,2-Dichloropropane	10.0	10.1	101	76- 124	
1,1-Dichloropropene	10.0	10.1	101	85- 122	
Ethyl methacrylate	10.0	10.4	104	64- 121	
Freon 113	10.0	10.8	108	57- 134	
Hexachlorobutadiene	10.0	9.89	99	66- 137	
n-Hexane	10.0	11.6	116	53- 140	
Isopropylbenzene	10.0	8.58	86	75- 135	
4-Isopropyltoluene	10.0	8.98	90	74- 128	
Methyl methacrylate	10.0	12.2	122	56- 131	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L280000 WO #: KEWA41AC
BATCH: 7362155

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Methyl tert-butyl ether (	10.0	11.7	117	68- 133	
Naphthalene	10.0	13.6	136*	58- 132	a
2-Nitropropane	10.0	10.7	107	65- 133	
n-Propylbenzene	10.0	8.77	88	72- 136	
1,1,1,2-Tetrachloroethane	10.0	10.4	104	80- 122	
Tetrahydrofuran	50.0	59.3	119	60- 140	
1,2,3-Trichlorobenzene	10.0	14.3	143*	71- 130	a
1,2,4-Trichlorobenzene	10.0	12.7	127*	74- 123	a
Trichlorofluoromethane	10.0	9.21	92	71- 133	
1,3,5-Trimethylbenzene	10.0	8.94	89	73- 128	
Ethyl ether	20.0	23.6	118	62- 137	
1-Butanol	100	141	141*	20- 140	a
Acetonitrile	50.0	55.5	111	44- 135	
Ethyl acetate	20.0	52.7	264*	40- 140	a
2-Chloroethyl vinyl ether	10.0	6.97	70	18- 140	
Iodomethane	10.0	8.27	83	33- 140	
Vinyl acetate	10.0	12.7	127	23- 140	
Acrolein	50.0	45.4	91	20- 140	
Acrylonitrile	50.0	58.6	117	73- 136	
Cyclohexane	10.0	10.4	104	24- 140	
Isobutanol	200	221	111	50- 140	
Methacrylonitrile	50.0	76.1	152*	65- 140	a
Methylcyclohexane	10.0	10.0	100	68- 140	
Propionitrile	50.0	63.3	127	64- 139	
1,4-Dioxane	200	180	90	48- 140	
Pentachloroethane	10.0	11.2	112	49- 140	
Methyl acetate	10.0	7.36	74	38- 140	
2-Chloro-1,3-butadiene	10.0	9.72	97	71- 140	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 6 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L260000 WO #: KERR91AD
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Hexachlorobutadiene	10.0	9.73	97	66- 137	
n-Hexane	10.0	11.3	113	53- 140	
Isopropylbenzene	10.0	8.72	87	75- 135	
p-Isopropyltoluene	10.0	9.16	92	74- 128	
Methyl methacrylate	10.0	12.2	122	56- 131	
Methyl tert-butyl ether	10.0	12.0	120	68- 133	
Naphthalene	10.0	12.4	124	58- 132	
2-Nitropropane	10.0	10.6	106	65- 133	
n-Propylbenzene	10.0	8.86	89	72- 136	
1,1,1,2-Tetrachloroethane	10.0	10.4	104	80- 122	
Tetrahydrofuran	50.0	58.2	116	60- 140	
1,2,3-Trichlorobenzene	10.0	13.7	137*	71- 130	a
1,2,4-Trichlorobenzene	10.0	12.2	122	74- 123	
Trichlorofluoromethane	10.0	9.20	92	71- 133	
1,3,5-Trimethylbenzene	10.0	9.06	91	73- 128	
Ethyl ether	20.0	24.0	120	62- 137	
1-Butanol	100	89.8	90	20- 140	p
Acetonitrile	50.0	46.8	94	44- 135	
Ethyl acetate	20.0	58.4	292*	40- 140	a
2-Chloroethyl vinyl ether	10.0	9.03	90	18- 140	
Iodomethane	10.0	9.16	92	33- 140	
Vinyl acetate	10.0	13.6	136	23- 140	
Acrolein	50.0	41.6	83	20- 140	p
Acrylonitrile	50.0	59.8	120	73- 136	
Cyclohexane	10.0	10.6	106	24- 140	
Isobutanol	200	222	111	50- 140	
Methacrylonitrile	50.0	75.1	150*	65- 140	a p
Methylcyclohexane	10.0	10.2	102	68- 140	
Propionitrile	50.0	55.4	111	64- 139	
1,4-Dioxane	200	143	72	48- 140	
Pentachloroethane	10.0	11.1	111	49- 140	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L260000 WO #: KERR91AD
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Methyl acetate	10.0	8.20	82	38- 140	
2-Chloro-1,3-butadiene	10.0	9.98	100	71- 140	
cis-1,3-Dichloropropene	10.0	11.2	112	84- 127	
Chlorodibromomethane	10.0	11.4	114	69- 136	
Chloromethane	10.0	8.87	89	65- 135	
Vinyl chloride	10.0	9.71	97	67- 138	
Bromomethane	10.0	11.8	118	38- 140	
Chloroethane	10.0	8.20	82	64- 139	
Acetone	10.0	8.80	88	46- 133	
1,1-Dichloroethene	10.0	9.83	98	61- 130	
Dichloromethane	10.0	10.9	109	74- 139	
Carbon disulfide	10.0	10.4	104	40- 140	
1,1-Dichloroethane	10.0	9.71	97	83- 115	
Methyl ethyl ketone	10.0	9.36	94	30- 140	
1,2-Dichloroethene (total	20.0	19.9	99	85- 118	
Chloroform	10.0	10.3	103	84- 117	
1,1,1-Trichloroethane	10.0	9.86	99	81- 120	
Carbon tetrachloride	10.0	10.6	106	73- 132	
1,2-Dichloroethane	10.0	10.4	104	78- 121	
Benzene	10.0	9.89	99	84- 117	
Trichloroethene	10.0	10.0	100	78- 120	
1,2-Dichloropropane	10.0	10.6	106	81- 120	
Bromodichloromethane	10.0	11.0	110	84- 123	
1,1,2-Trichloroethane	10.0	10.3	103	75- 122	
trans-1,3-Dichloropropene	10.0	10.5	105	85- 126	
Toluene	10.0	9.46	95	82- 123	
m-Xylene & p-Xylene	20.0	19.0	95	85- 121	
o-Xylene	10.0	9.92	99	85- 125	
1,3-Dichlorobenzene	10.0	9.56	96	85- 115	
1,4-Dichlorobenzene	10.0	9.56	96	85- 115	
2-Hexanone	10.0	9.27	93	59- 135	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L260000 WO #: KERR91AD
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
4-Methyl-2-pentanone	10.0	11.4	114	59- 140	
Chlorobenzene	10.0	10.0	100	84- 116	
Bromoform	10.0	11.7	117	78- 127	
Ethylbenzene	10.0	9.46	95	85- 126	
Styrene	10.0	9.42	94	85- 125	
1,1,2,2-Tetrachloroethane	10.0	10.2	102	70- 125	
Tetrachloroethene	10.0	9.64	96	64- 127	
1,2-Dichlorobenzene	10.0	9.87	99	85- 115	
Bromobenzene	10.0	9.83	98	85- 115	
Chlorobromomethane	10.0	10.7	107	66- 153	
n-Butylbenzene	10.0	9.06	91	68- 136	
sec-Butylbenzene	10.0	8.89	89	78- 131	
tert-Butylbenzene	10.0	8.94	89	74- 129	
Allyl chloride	10.0	10.2	102	57- 136	
2-Chlorotoluene	10.0	9.01	90	79- 125	
4-Chlorotoluene	10.0	9.33	93	82- 126	
Cyclohexanone	100	74.0	74	24- 140	
1,2-Dibromo-3-chloropropa	10.0	10.8	108	58- 132	
1,2-Dibromoethane (EDB)	10.0	10.6	106	71- 130	
trans-1,4-Dichloro-2-bute	10.0	11.3	113	51- 133	
Dichlorodifluoromethane (	10.0	9.59	96	36- 140	
cis-1,2-Dichloroethene	10.0	10.3	103	85- 121	
trans-1,2-Dichloroethene	10.0	9.59	96	81- 118	
1,3-Dichloropropane	10.0	10.8	108	79- 123	
2,2-Dichloropropane	10.0	9.57	96	76- 124	
1,1-Dichloropropene	10.0	9.80	98	85- 122	
Ethyl methacrylate	10.0	9.87	99	64- 121	
1,1,2-Trichloro-1,2,2-tri	10.0	10.4	104	57- 134	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 3 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L240000 WO #: KET0C1AD
BATCH: 7358096

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Bromodichloromethane	10.0	10.2	102	84- 123	
1,1,2-Trichloroethane	10.0	9.38	94	75- 122	
trans-1,3-Dichloropropene	10.0	10.5	105	85- 126	
Toluene	10.0	9.96	100	82- 123	
m-Xylene & p-Xylene	20.0	19.6	98	85- 121	
o-Xylene	10.0	10.0	100	85- 125	
1,3-Dichlorobenzene	10.0	9.45	94	85- 115	
1,4-Dichlorobenzene	10.0	9.13	91	85- 115	
2-Hexanone	10.0	8.23	82	59- 135	
4-Methyl-2-pentanone	10.0	10.1	101	59- 140	
Chlorobenzene	10.0	9.79	98	84- 116	
Bromoform	10.0	10.6	106	78- 127	
Ethylbenzene	10.0	10.0	100	85- 126	
Styrene	10.0	9.41	94	85- 125	
1,1,2,2-Tetrachloroethane	10.0	9.03	90	70- 125	
Tetrachloroethene	10.0	10.2	102	64- 127	
1,2-Dichlorobenzene	10.0	9.57	96	85- 115	
Bromobenzene	10.0	9.60	96	85- 115	
Chlorobromomethane	10.0	10.3	103	66- 153	
n-Butylbenzene	10.0	9.78	98	68- 136	
sec-Butylbenzene	10.0	9.60	96	78- 131	
tert-Butylbenzene	10.0	9.76	98	74- 129	
Allyl chloride	10.0	11.0	110	57- 136	
2-Chlorotoluene	10.0	9.53	95	79- 125	
4-Chlorotoluene	10.0	9.56	96	82- 126	
Cyclohexanone	100	71.8	72	24- 140	
1,2-Dibromo-3-chloropropa	10.0	8.94	89	58- 132	
1,2-Dibromoethane (EDB)	10.0	10.4	104	71- 130	
trans-1,4-Dichloro-2-bute	10.0	9.44	94	51- 133	
Dichlorodifluoromethane (	10.0	8.14	81	36- 140	
cis-1,2-Dichloroethene	10.0	9.82	98	85- 121	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L240000 WO #: KET0C1AD
BATCH: 7358096

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
trans-1,2-Dichloroethene	10.0	9.77	98	81- 118	
1,3-Dichloropropane	10.0	10.2	102	79- 123	
2,2-Dichloropropane	10.0	9.85	98	76- 124	
1,1-Dichloropropene	10.0	10.2	102	85- 122	
Ethyl methacrylate	10.0	9.00	90	64- 121	
1,1,2-Trichloro-1,2,2-tri	10.0	10.4	104	57- 134	
Hexachlorobutadiene	10.0	10.1	101	66- 137	
n-Hexane	10.0	11.2	112	53- 140	
Isopropylbenzene	10.0	9.46	95	75- 135	
p-Isopropyltoluene	10.0	9.83	98	74- 128	
Methyl methacrylate	10.0	9.61	96	56- 131	
Methyl tert-butyl ether	10.0	10.3	103	68- 133	
Naphthalene	10.0	9.27	93	58- 132	
2-Nitropropane	10.0	9.21	92	65- 133	
n-Propylbenzene	10.0	9.66	97	72- 136	
1,1,1,2-Tetrachloroethane	10.0	9.77	98	80- 122	
Tetrahydrofuran	50.0	50.4	101	60- 140	p
1,2,3-Trichlorobenzene	10.0	9.74	97	71- 130	
1,2,4-Trichlorobenzene	10.0	10.0	100	74- 123	
Trichlorofluoromethane	10.0	9.27	93	71- 133	
1,3,5-Trimethylbenzene	10.0	9.67	97	73- 128	
Ethyl ether	20.0	20.0	100	62- 137	
1-Butanol	100	112	112	20- 140	
Acetonitrile	50.0	41.4	83	44- 135	
Ethyl acetate	20.0	44.6	223*	40- 140	a
2-Chloroethyl vinyl ether	10.0	8.47	85	18- 140	
Iodomethane	10.0	18.0	180*	33- 140	a
Vinyl acetate	10.0	11.4	114	23- 140	
Acrolein	50.0	47.4	95	20- 140	p
Acrylonitrile	50.0	49.9	100	73- 136	
Cyclohexane	10.0	10.5	105	24- 140	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L240000 WO #: KET0C1AD
BATCH: 7358096

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Isobutanol	200	186	93	50- 140	
Methacrylonitrile	50.0	63.1	126	65- 140	
Methylcyclohexane	10.0	10.4	104	68- 140	
Propionitrile	50.0	48.7	97	64- 139	
1,4-Dioxane	200	145	73	48- 140	p
Pentachloroethane	10.0	10.3	103	49- 140	
Methyl acetate	10.0	5.52	55	38- 140	
2-Chloro-1,3-butadiene	10.0	10.2	102	71- 140	
cis-1,3-Dichloropropene	10.0	10.4	104	84- 127	
Chlorodibromomethane	10.0	10.6	106	69- 136	
Chloromethane	10.0	6.91	69	65- 135	
Vinyl chloride	10.0	9.09	91	67- 138	
Bromomethane	10.0	13.5	135	38- 140	
Chloroethane	10.0	10.8	108	64- 139	
Acetone	10.0	7.48	75	46- 133	
1,1-Dichloroethene	10.0	10.2	102	61- 130	
Dichloromethane	10.0	10.7	107	74- 139	
Carbon disulfide	10.0	10.3	103	40- 140	
1,1-Dichloroethane	10.0	10.1	101	83- 115	
Methyl ethyl ketone	10.0	9.80	98	30- 140	p
1,2-Dichloroethene (total	20.0	19.6	98	85- 118	
Chloroform	10.0	9.67	97	84- 117	
1,1,1-Trichloroethane	10.0	10.1	101	81- 120	
Carbon tetrachloride	10.0	10.6	106	73- 132	
1,2-Dichloroethane	10.0	9.64	96	78- 121	
Benzene	10.0	9.60	96	84- 117	
Trichloroethene	10.0	10.1	101	78- 120	
1,2-Dichloropropane	10.0	9.81	98	81- 120	

NOTES(S):

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 2 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L280000 WO #: KEWA41AD
BATCH: 7362155

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
cis-1,3-Dichloropropene	10.0	11.0	110	84- 127	
Dibromochloromethane	10.0	11.0	110	69- 136	
Chloromethane	10.0	8.55	86	65- 135	
Vinyl chloride	10.0	9.22	92	67- 138	
Bromomethane	10.0	11.2	112	38- 140	
Chloroethane	10.0	7.50	75	64- 139	p
Acetone	10.0	9.36	94	46- 133	
1,1-Dichloroethene	10.0	9.74	97	61- 130	
Methylene chloride	10.0	11.7	117	74- 139	
Carbon disulfide	10.0	10.0	100	40- 140	
1,1-Dichloroethane	10.0	9.86	99	83- 115	
2-Butanone	10.0	8.71	87	30- 140	
1,2-Dichloroethene (total	20.0	20.0	100	85- 118	
Chloroform	10.0	9.92	99	84- 117	
1,1,1-Trichloroethane	10.0	9.65	96	81- 120	
Carbon tetrachloride	10.0	10.2	102	73- 132	
1,2-Dichloroethane	10.0	10.5	105	78- 121	
Benzene	10.0	9.76	98	84- 117	
Trichloroethene	10.0	9.78	98	78- 120	
1,2-Dichloropropane	10.0	10.7	107	81- 120	
Bromodichloromethane	10.0	11.1	111	84- 123	
1,1,2-Trichloroethane	10.0	10.0	100	75- 122	
trans-1,3-Dichloropropene	10.0	10.8	108	85- 126	
Toluene	10.0	9.12	91	82- 123	
m-Xylene & p-Xylene	20.0	18.1	90	85- 121	
o-Xylene	10.0	9.58	96	85- 125	
1,3-Dichlorobenzene	10.0	9.40	94	85- 115	
1,4-Dichlorobenzene	10.0	9.31	93	85- 115	
2-Hexanone	10.0	10.1	101	59- 135	
4-Methyl-2-pentanone	10.0	12.1	121	59- 140	
Chlorobenzene	10.0	9.57	96	84- 116	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L280000 WO #: KEWA41AD
BATCH: 7362155

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Bromoform	10.0	11.6	116	78- 127	
Ethylbenzene	10.0	9.02	90	85- 126	
Styrene	10.0	9.22	92	85- 125	
1,1,2,2-Tetrachloroethane	10.0	10.5	105	70- 125	
Tetrachloroethene	10.0	9.26	93	64- 127	
1,2-Dichlorobenzene	10.0	9.70	97	85- 115	
Bromobenzene	10.0	9.68	97	85- 115	
Bromochloromethane	10.0	10.6	106	66- 153	
n-Butylbenzene	10.0	8.73	87	68- 136	
sec-Butylbenzene	10.0	8.45	85	78- 131	
tert-Butylbenzene	10.0	8.62	86	74- 129	
Allyl chloride	10.0	9.51	95	57- 136	
2-Chlorotoluene	10.0	8.98	90	79- 125	
4-Chlorotoluene	10.0	9.04	90	82- 126	
Cyclohexanone	100	71.1	71	24- 140	p
1,2-Dibromo-3-chloropropa	10.0	10.8	108	58- 132	
1,2-Dibromoethane (EDB)	10.0	10.1	101	71- 130	
trans-1,4-Dichloro-2-bute	10.0	10.8	108	51- 133	
Dichlorodifluoromethane (	10.0	8.97	90	36- 140	
cis-1,2-Dichloroethene	10.0	10.6	106	85- 121	
trans-1,2-Dichloroethene	10.0	9.40	94	81- 118	
1,3-Dichloropropane	10.0	10.6	106	79- 123	
2,2-Dichloropropane	10.0	9.55	96	76- 124	
1,1-Dichloropropene	10.0	9.97	100	85- 122	
Ethyl methacrylate	10.0	10.3	103	64- 121	
Freon 113	10.0	10.3	103	57- 134	
Hexachlorobutadiene	10.0	9.38	94	66- 137	
n-Hexane	10.0	11.2	112	53- 140	
Isopropylbenzene	10.0	8.37	84	75- 135	
4-Isopropyltoluene	10.0	8.73	87	74- 128	
Methyl methacrylate	10.0	11.6	116	56- 131	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L280000 WO #: KEWA41AD
BATCH: 7362155

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Methyl tert-butyl ether (	10.0	12.3	123	68- 133	
Naphthalene	10.0	12.5	125	58- 132	
2-Nitropropane	10.0	10.2	102	65- 133	
n-Propylbenzene	10.0	8.56	86	72- 136	
1,1,1,2-Tetrachloroethane	10.0	10.1	101	80- 122	
Tetrahydrofuran	50.0	59.9	120	60- 140	
1,2,3-Trichlorobenzene	10.0	14.0	140*	71- 130	a
1,2,4-Trichlorobenzene	10.0	12.3	123	74- 123	
Trichlorofluoromethane	10.0	8.94	89	71- 133	
1,3,5-Trimethylbenzene	10.0	8.78	88	73- 128	
Ethyl ether	20.0	23.5	117	62- 137	
1-Butanol	100	97.4	97	20- 140	p
Acetonitrile	50.0	51.5	103	44- 135	
Ethyl acetate	20.0	54.3	272*	40- 140	a
2-Chloroethyl vinyl ether	10.0	7.46	75	18- 140	
Iodomethane	10.0	8.38	84	33- 140	
Vinyl acetate	10.0	13.4	134	23- 140	
Acrolein	50.0	50.2	100	20- 140	
Acrylonitrile	50.0	59.9	120	73- 136	
Cyclohexane	10.0	10.2	102	24- 140	
Isobutanol	200	217	109	50- 140	
Methacrylonitrile	50.0	65.9	132	65- 140	
Methylcyclohexane	10.0	9.64	96	68- 140	
Propionitrile	50.0	59.7	119	64- 139	
1,4-Dioxane	200	119	59	48- 140	p
Pentachloroethane	10.0	11.0	110	49- 140	
Methyl acetate	10.0	8.43	84	38- 140	
2-Chloro-1,3-butadiene	10.0	9.55	96	71- 140	

NOTES(S):

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 2 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KET0C1AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALSTL SDG Number:

Lab File ID: LBLK7426B Lot Number: F7L190135

Date Analyzed: 12/21/07 Time Analyzed: 15:08

Matrix: WATER Date Extracted:12/21/07

GC Column: RTX-VMS ID: .18 Extraction Method: 5030B/8260B

Instrument ID: MSL Level:(low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	EB-1	KEE9Q1AC	LSMP7438	12/21/07	20:00
02	M-126	KEE9T1AA	LSMP7439	12/21/07	20:24
03	AA-MW-16	KEE9W1AA	LSMP7440	12/21/07	20:48
04	M-57A	KEE921AA	LSMP7442	12/21/07	21:37
05	QCTB	KEE951AA	LSMP7437	12/21/07	19:36
06	CHECK SAMPLE	KET0C1AC C	LLCS7423B	12/21/07	13:49
07	DUPLICATE CHECK	KET0C1AD L	LLCS7424B	12/21/07	14:15
08					
09					
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COMMENTS:

FORM IV

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KERR91AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALSTL

SDG Number:

Lab File ID: LBLK7457A

Lot Number: F7L190135

Date Analyzed: 12/24/07

Time Analyzed: 13:31

Matrix: WATER

Date Extracted:12/24/07

GC Column: RTX-VMS ID: .18

Extraction Method: 5030B/8260B

Instrument ID: MSL

Level:(low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	EB-1	KEE9Q2AC	LSMP7467	12/24/07	17:38
02	M-126	KEE9T2AA	LSMP7475	12/24/07	21:05
03	AA-MW-16	KEE9W2AA	LSMP7473	12/24/07	20:15
04	M-7B	KEE911AC S	LSMP7476	12/24/07	21:30
05	M-7B	KEE911AD D	LSMP7477	12/24/07	21:54
06	M-7B	KEE912AA	LSMP7466	12/24/07	17:13
07	M-57A	KEE922AA	LSMP7474	12/24/07	20:40
08	QCTB	KEE952AA	LSMP7465	12/24/07	16:49
09	CHECK SAMPLE	KERR91AC C	LLCS7454A	12/24/07	12:08
10	DUPLICATE CHECK	KERR91AD L	LLCS7455A	12/24/07	12:34
11					
12					
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COMMENTS:

FORM IV

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KEWA41AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALSTL SDG Number:

Lab File ID: LBLK7502 Lot Number: F7L190135

Date Analyzed: 12/27/07 Time Analyzed: 13:37

Matrix: WATER Date Extracted:12/27/07

GC Column: RTX-VMS ID: .18 Extraction Method: 5030B/8260B

Instrument ID: MSL Level:(low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	M-126	KEE9T3AA	LSMP7508	12/27/07	16:06
02	M-126	KEE9T4AA	LSMP7509	12/27/07	16:30
03	AA-MW-16	KEE9W3AA	LSMP7510	12/27/07	16:55
04	M-57A	KEE923AA	LSMP7511	12/27/07	17:20
05	CHECK SAMPLE	KEWA41AC C	LLCS7499	12/27/07	12:20
06	DUPLICATE CHECK	KEWA41AD L	LLCS7500	12/27/07	12:46
07					
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COMMENTS:

FORM IV

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

Lab File ID: LBFB7325 BFB Injection Date: 12/17/07

Instrument ID: MSL BFB Injection Time: 1432

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	26.1
75	30.0 - 60.0% of mass 95	54.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.4
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	73.2
175	5.0 - 9.0% of mass 174	5.1 (7.0)1
176	95.0 - 101.0% of mass 174	71.7 (97.9)1
177	5.0 - 9.0% of mass 176	5.1 (7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD10	VSTD10	LCAL7326	12/17/07	1458
02	VSTD4.0	VSTD4.0	LCAL7327	12/17/07	1524
03	VSTD2.0	VSTD2.0	LCAL7328	12/17/07	1550
04	VSTD1.0	VSTD1.0	LCAL7329	12/17/07	1616
05	VSTD0.5	VSTD0.5	LCAL7330	12/17/07	1642
06	VSTD20	VSTD20	LCAL7331	12/17/07	1707
07	VSTD40	VSTD40	LCAL7332	12/17/07	1733
08	ICV	ICV	LICV7333	12/17/07	1801
09					
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

Lab File ID: LBFB7419 BFB Injection Date: 12/21/07

Instrument ID: MSL BFB Injection Time: 1029

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.8
75	30.0 - 60.0% of mass 95	53.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	87.8
175	5.0 - 9.0% of mass 174	6.3 (7.2)1
176	95.0 - 101.0% of mass 174	85.9 (97.9)1
177	5.0 - 9.0% of mass 176	5.2 (6.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD10	VSTD10	LCAL7422	12/21/07	1305
02	VLCSL355A	KET0C1AC	LLCS7423B	12/21/07	1349
03	VLCSL355B	KET0C1AD	LLCS7424B	12/21/07	1415
04	VBLKL355A	KET0C1AA	LBLK7426B	12/21/07	1508
05	QCTB	KEE951AA	LSMP7437	12/21/07	1936
06	EB-1	KEE9Q1AC	LSMP7438	12/21/07	2000
07	M-126	KEE9T1AA	LSMP7439	12/21/07	2024
08	AA-MW-16	KEE9W1AA	LSMP7440	12/21/07	2048
09	M-7B	KEE911AA	LSMP7441	12/21/07	2113
10	M-57A	KEE921AA	LSMP7442	12/21/07	2137
11	M-57AS	KEE921AC	LSMP7443	12/21/07	2201
12	M-57AD	KEE921AD	LSMP7444	12/21/07	2225
13					
14					
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19					
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22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

Lab File ID: LBFB7451 BFB Injection Date: 12/24/07

Instrument ID: MSL BFB Injection Time: 1023

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.0 (0.9)1
174	Greater than 50.0% of mass 95	106.9
175	5.0 - 9.0% of mass 174	7.7 (7.2)1
176	95.0 - 101.0% of mass 174	105.0 (98.2)1
177	5.0 - 9.0% of mass 176	6.5 (6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD10	VSTD10	LCAL7452	12/24/07	1049
02	VLCSL358A	KERR91AC	LLCS7454A	12/24/07	1208
03	VLCSL358B	KERR91AD	LLCS7455A	12/24/07	1234
04	VBLKL358A	KERR91AA	LBLK7457A	12/24/07	1331
05	QCTB	KEE952AA	LSMP7465	12/24/07	1649
06	M-7B	KEE912AA	LSMP7466	12/24/07	1713
07	EB-1	KEE9Q2AC	LSMP7467	12/24/07	1738
08	AA-MW-16	KEE9W2AA	LSMP7473	12/24/07	2015
09	M-57A	KEE922AA	LSMP7474	12/24/07	2040
10	M-126	KEE9T2AA	LSMP7475	12/24/07	2105
11	M-7BS	KEE911AC	LSMP7476	12/24/07	2130
12	M-7BD	KEE911AD	LSMP7477	12/24/07	2154
13					
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

Lab File ID: LBFB7496 BFB Injection Date: 12/27/07

Instrument ID: MSL BFB Injection Time: 1039

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.6
75	30.0 - 60.0% of mass 95	55.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.6 (0.8)1
174	Greater than 50.0% of mass 95	77.8
175	5.0 - 9.0% of mass 174	5.4 (7.0)1
176	95.0 - 101.0% of mass 174	74.8 (96.1)1
177	5.0 - 9.0% of mass 176	4.7 (6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD10	VSTD10	LCAL7498	12/27/07	1133
02	VBLKL361A	KEWA41AC	LLCS7499	12/27/07	1220
03	VLCSL361B	KEWA41AD	LLCS7500	12/27/07	1246
04	VBLKL361A	KEWA41AA	LBLK7502	12/27/07	1337
05	M-126	KEE9T3AA	LSMP7508	12/27/07	1606
06	M-126	KEE9T4AA	LSMP7509	12/27/07	1630
07	AA-MW-16	KEE9W3AA	LSMP7510	12/27/07	1655
08	M-57A	KEE923AA	LSMP7511	12/27/07	1720
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FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

Lab File ID (Standard): LCAL7422 Date Analyzed: 12/21/07

Instrument ID: MSL Time Analyzed: 1305

GC Column: RTX-502.2 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	1399217	9.67	802936	12.53	308619	14.73
UPPER LIMIT	2798434	10.17	1605872	13.03	617238	15.23
LOWER LIMIT	699609	9.17	401468	12.03	154310	14.23
CLIENT SAMPLE NO.						
VLCSL355A	1477477	9.67	844980	12.53	324590	14.73
VLCSL355B	1506099	9.67	861689	12.53	331180	14.73
VBLKL355A	1084733	9.67	648932	12.53	227578	14.73
QCTB	844319	9.67	512904	12.53	174911	14.73
EB-1	802947	9.67	490781	12.53	175947	14.73
M-126	893144	9.68	780242	12.53	612239	14.73
AA-MW-16	923358	9.67	981198	12.54	252914	14.73
M-7B	880903	9.67	538927	12.54	193592	14.73
M-57A	837756	9.68	511291	12.53	192359	14.73
M-57AS	871220	9.67	569258	12.53	226061	14.73
M-57AD	959918	9.67	608481	12.53	242156	14.73

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 = 1,4 Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

Lab File ID (Standard): LCAL7452 Date Analyzed: 12/24/07

Instrument ID: MSL Time Analyzed: 1049

GC Column: RTX-502.2 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1		IS2(CBZ)		IS3	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1203114	9.67	752404	12.53	317211	14.73
UPPER LIMIT	2406228	10.17	1504808	13.03	634422	15.23
LOWER LIMIT	601557	9.17	376202	12.03	158606	14.23
CLIENT SAMPLE NO.						
VLCSL358A	1325622	9.67	798973	12.53	319212	14.72
VLCSL358B	1372860	9.67	833616	12.53	326363	14.72
VBLKL358A	1001537	9.67	636869	12.53	223634	14.73
QCTB	856793	9.67	545003	12.53	192306	14.73
M-7B	830862	9.67	542794	12.53	201771	14.73
EB-1	811570	9.67	520843	12.53	194050	14.73
AA-MW-16	986952	9.67	1112222	12.54	295479	14.72
M-57A	945976	9.67	621838	12.53	249226	14.73
M-126	941074	9.67	901967	12.53	701619*	14.73
M-7BS	992479	9.67	687037	12.53	290689	14.72
M-7BD	997443	9.67	688522	12.53	292263	14.72

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 = 1,4 Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

Lab File ID (Standard): LCAL7498 Date Analyzed: 12/27/07

Instrument ID: MSL Time Analyzed: 1133

GC Column: RTX-502.2 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1		IS2(CBZ)		IS3	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1414972	9.67	860970	12.53	346015	14.72
UPPER LIMIT	2829944	10.17	1721940	13.03	692030	15.22
LOWER LIMIT	707486	9.17	430485	12.03	173008	14.22
CLIENT SAMPLE NO.						
VBLKL361A	1438158	9.67	874777	12.53	349464	14.72
VLCSL361B	1491966	9.67	916374	12.53	355902	14.72
VBLKL361A	1082088	9.67	682366	12.53	250781	14.73
M-126	891784	9.67	593390	12.53	223294	14.72
M-126	851319	9.67	560125	12.53	205142	14.73
AA-MW-16	843943	9.67	575124	12.53	207819	14.73
M-57A	816520	9.67	545902	12.53	190259	14.73

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 = 1,4 Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

GC Column: RTX-502.2 ID: 0.25 (mm) Init. Calib. Date(s): 11/16/07 12/17/07

Instrument ID: MSL

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 15.15 S2 : 8.91

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
VSTD10	VSTD10	12/17/07	1458	15.15	8.91
VSTD4.0	VSTD4.0	12/17/07	1524	15.15	8.91
VSTD2.0	VSTD2.0	12/17/07	1550	15.16	8.91
VSTD1.0	VSTD1.0	12/17/07	1616	15.16	8.91
VSTD0.5	VSTD0.5	12/17/07	1642	15.16	8.91
VSTD20	VSTD20	12/17/07	1707	15.15	8.91
VSTD40	VSTD40	12/17/07	1733	15.15	8.91
ICV	ICV	12/17/07	1801		8.91
VSTD10	VSTD10	12/21/07	1305		8.91
VLCSL355A	KET0C1AC	12/21/07	1349		8.91
VLCSL355B	KET0C1AD	12/21/07	1415		8.91
VBLKL355A	KET0C1AA	12/21/07	1508		8.91
QCTB	KEE951AA	12/21/07	1936		8.91
EB-1	KEE9Q1AC	12/21/07	2000		8.91
M-126	KEE9T1AA	12/21/07	2024		8.91
AA-MW-16	KEE9W1AA	12/21/07	2048		8.91
M-7B	KEE911AA	12/21/07	2113		8.91
M-57A	KEE921AA	12/21/07	2137		8.91
M-57AS	KEE921AC	12/21/07	2201		8.91
M-57AD	KEE921AD	12/21/07	2225		8.91
VSTD10	VSTD10	12/24/07	1049		8.91
VLCSL358A	KERR91AC	12/24/07	1208		8.91
VLCSL358B	KERR91AD	12/24/07	1234		8.90
VBLKL358A	KERR91AA	12/24/07	1331		8.91
QCTB	KEE952AA	12/24/07	1649		8.91
M-7B	KEE912AA	12/24/07	1713		8.91
EB-1	KEE9Q2AC	12/24/07	1738		8.91
AA-MW-16	KEE9W2AA	12/24/07	2015		8.91
M-57A	KEE922AA	12/24/07	2040		8.91
M-126	KEE9T2AA	12/24/07	2105		8.91
M-7BS	KEE911AC	12/24/07	2130		8.91
M-7BD	KEE911AD	12/24/07	2154		8.91

QC LIMITS
S1 = 1,2-Dichlorobenzene-d4 (+/- 0.50 MINUTES)
S2 = Dibromofluoromethane (+/- 0.50 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

GC Column: RTX-502.2 ID: 0.25 (mm) Init. Calib. Date(s): 11/16/07 12/17/07

Instrument ID: MSL

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 15.15 S2 : 8.91

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
VSTD10	VSTD10	12/27/07	1133		8.91
VBLKL361A	KEWA41AC	12/27/07	1220		8.91
VLCSL361B	KEWA41AD	12/27/07	1246		8.91
VBLKL361A	KEWA41AA	12/27/07	1337		8.91
M-126	KEE9T3AA	12/27/07	1606		8.91
M-126	KEE9T4AA	12/27/07	1630		8.91
AA-MW-16	KEE9W3AA	12/27/07	1655		8.91
M-57A	KEE923AA	12/27/07	1720		8.91

QC LIMITS
S1 = 1,2-Dichlorobenzene-d4 (+/- 0.50 MINUTES)
S2 = Dibromofluoromethane (+/- 0.50 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

GC Column: RTX-502.2 ID: 0.25 (mm) Init. Calib. Date(s): 11/16/07 12/17/07

Instrument ID: MSL

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S3 : 9.44 S4 : 11.08

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S3 RT #	S4 RT #
VSTD10	VSTD10	12/17/07	1458	9.44	11.08
VSTD4.0	VSTD4.0	12/17/07	1524	9.44	11.09
VSTD2.0	VSTD2.0	12/17/07	1550	9.44	11.09
VSTD1.0	VSTD1.0	12/17/07	1616	9.44	11.09
VSTD0.5	VSTD0.5	12/17/07	1642	9.45	11.10
VSTD20	VSTD20	12/17/07	1707	9.44	11.08
VSTD40	VSTD40	12/17/07	1733	9.44	11.08
ICV	ICV	12/17/07	1801	9.44	11.08
VSTD10	VSTD10	12/21/07	1305	9.44	11.08
VLCSL355A	KET0C1AC	12/21/07	1349	9.44	11.09
VLCSL355B	KET0C1AD	12/21/07	1415	9.44	11.08
VBLKL355A	KET0C1AA	12/21/07	1508	9.44	11.08
QCTB	KEE951AA	12/21/07	1936	9.44	11.09
EB-1	KEE9Q1AC	12/21/07	2000	9.44	11.09
M-126	KEE9T1AA	12/21/07	2024	9.44	11.09
AA-MW-16	KEE9W1AA	12/21/07	2048	9.44	11.09
M-7B	KEE911AA	12/21/07	2113	9.44	11.09
M-57A	KEE921AA	12/21/07	2137	9.44	11.09
M-57AS	KEE921AC	12/21/07	2201	9.44	11.09
M-57AD	KEE921AD	12/21/07	2225	9.44	11.09
VSTD10	VSTD10	12/24/07	1049	9.44	11.08
VLCSL358A	KERR91AC	12/24/07	1208	9.44	11.08
VLCSL358B	KERR91AD	12/24/07	1234	9.44	11.08
VBLKL358A	KERR91AA	12/24/07	1331	9.44	11.09
QCTB	KEE952AA	12/24/07	1649	9.44	11.08
M-7B	KEE912AA	12/24/07	1713	9.44	11.08
EB-1	KEE9Q2AC	12/24/07	1738	9.44	11.08
AA-MW-16	KEE9W2AA	12/24/07	2015	9.44	11.08
M-57A	KEE922AA	12/24/07	2040	9.44	11.09
M-126	KEE9T2AA	12/24/07	2105	9.44	11.09
M-7BS	KEE911AC	12/24/07	2130	9.44	11.08
M-7BD	KEE911AD	12/24/07	2154	9.44	11.08

QC LIMITS
S3 = 1,2-Dichloroethane-d4 (+/- 0.50 MINUTES)
S4 = Toluene-d8 (+/- 0.50 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

GC Column: RTX-502.2 ID: 0.25 (mm) Init. Calib. Date(s): 11/16/07 12/17/07

Instrument ID: MSL

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S3 : 9.44 S4 : 11.08

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S3 RT #	S4 RT #
VSTD10	VSTD10	12/27/07	1133	9.44	11.08
VBLKL361A	KEWA41AC	12/27/07	1220	9.44	11.08
VLCSL361B	KEWA41AD	12/27/07	1246	9.44	11.08
VBLKL361A	KEWA41AA	12/27/07	1337	9.44	11.08
M-126	KEE9T3AA	12/27/07	1606	9.44	11.08
M-126	KEE9T4AA	12/27/07	1630	9.44	11.09
AA-MW-16	KEE9W3AA	12/27/07	1655	9.44	11.08
M-57A	KEE923AA	12/27/07	1720	9.44	11.09

QC LIMITS
S3 = 1,2-Dichloroethane-d4 (+/- 0.50 MINUTES)
S4 = Toluene-d8 (+/- 0.50 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

GC Column: RTX-502.2 ID: 0.25 (mm) Init. Calib. Date(s): 11/16/07 12/17/07

Instrument ID: MSL

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S5 : 13.65

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S5 RT #	RT #
VSTD10	VSTD10	12/17/07	1458	13.65	
VSTD4.0	VSTD4.0	12/17/07	1524	13.65	
VSTD2.0	VSTD2.0	12/17/07	1550	13.65	
VSTD1.0	VSTD1.0	12/17/07	1616	13.65	
VSTD0.5	VSTD0.5	12/17/07	1642	13.65	
VSTD20	VSTD20	12/17/07	1707	13.64	
VSTD40	VSTD40	12/17/07	1733	13.64	
ICV	ICV	12/17/07	1801	13.65	
VSTD10	VSTD10	12/21/07	1305	13.65	
VLCSL355A	KET0C1AC	12/21/07	1349	13.65	
VLCSL355B	KET0C1AD	12/21/07	1415	13.65	
VBLKL355A	KET0C1AA	12/21/07	1508	13.65	
QCTB	KEE951AA	12/21/07	1936	13.65	
EB-1	KEE9Q1AC	12/21/07	2000	13.65	
M-126	KEE9T1AA	12/21/07	2024	13.65	
AA-MW-16	KEE9W1AA	12/21/07	2048	13.65	
M-7B	KEE911AA	12/21/07	2113	13.65	
M-57A	KEE921AA	12/21/07	2137	13.65	
M-57AS	KEE921AC	12/21/07	2201	13.64	
M-57AD	KEE921AD	12/21/07	2225	13.64	
VSTD10	VSTD10	12/24/07	1049	13.65	
VLCSL358A	KERR91AC	12/24/07	1208	13.64	
VLCSL358B	KERR91AD	12/24/07	1234	13.65	
VBLKL358A	KERR91AA	12/24/07	1331	13.65	
QCTB	KEE952AA	12/24/07	1649	13.64	
M-7B	KEE912AA	12/24/07	1713	13.64	
EB-1	KEE9Q2AC	12/24/07	1738	13.64	
AA-MW-16	KEE9W2AA	12/24/07	2015	13.65	
M-57A	KEE922AA	12/24/07	2040	13.65	
M-126	KEE9T2AA	12/24/07	2105	13.65	
M-7BS	KEE911AC	12/24/07	2130	13.64	
M-7BD	KEE911AD	12/24/07	2154	13.64	

QC LIMITS
S5 = 4-Bromofluorobenzene (+/- 0.50 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

GC Column: RTX-502.2 ID: 0.25 (mm) Init. Calib. Date(s): 11/16/07 12/17/07

Instrument ID: MSL

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S5 : 13.65

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S5 RT #	RT #
VSTD10	VSTD10	12/27/07	1133	13.65	
VBLKL361A	KEWA41AC	12/27/07	1220	13.64	
VLCSL361B	KEWA41AD	12/27/07	1246	13.64	
VBLKL361A	KEWA41AA	12/27/07	1337	13.65	
M-126	KEE9T3AA	12/27/07	1606	13.65	
M-126	KEE9T4AA	12/27/07	1630	13.65	
AA-MW-16	KEE9W3AA	12/27/07	1655	13.65	
M-57A	KEE923AA	12/27/07	1720	13.65	

QC LIMITS
S5 = 4-Bromofluorobenzene (+/- 0.50 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L190135

GC Column: RTX-502.2 ID: 0.53 (mm) Init. Calib. Date(s):

Instrument ID: MSL

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	RT #	RT #
VBFB	50NG BFB	12/17/07	1432		
VBFB	50NG BFB	12/21/07	1029		
VBFB	50NG BFB	12/24/07	1023		
VBFB	50NG BFB	12/27/07	1039		

QC LIMITS

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LBFB7325.D

Date : 17-DEC-2007 14:32

Client ID: VBFB

Instrument: MSL.i

Sample Info: 25ng BFB;L071217A.B

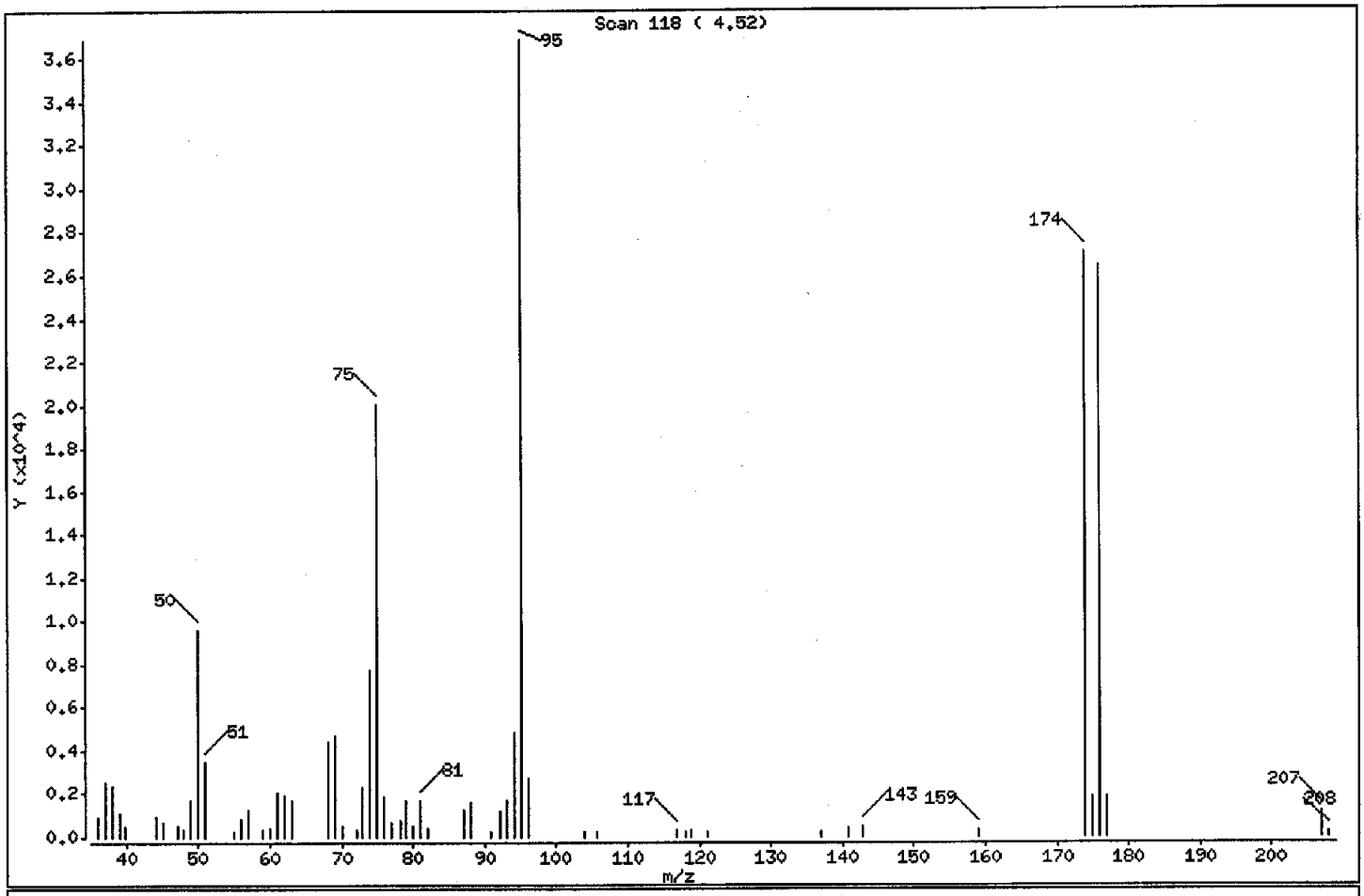
Volume Injected (uL): 1.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	26.09
75	30.00 - 60.00% of mass 95	54.33
96	5.00 - 9.00% of mass 95	7.36
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	73.20
175	5.00 - 9.00% of mass 174	5.14 (7.02)
176	95.00 - 101.00% of mass 174	71.69 (97.93)
177	5.00 - 9.00% of mass 176	5.05 (7.05)

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LBFB7325.D

Date : 17-DEC-2007 14:32

Client ID: VBFB

Instrument: MSL.i

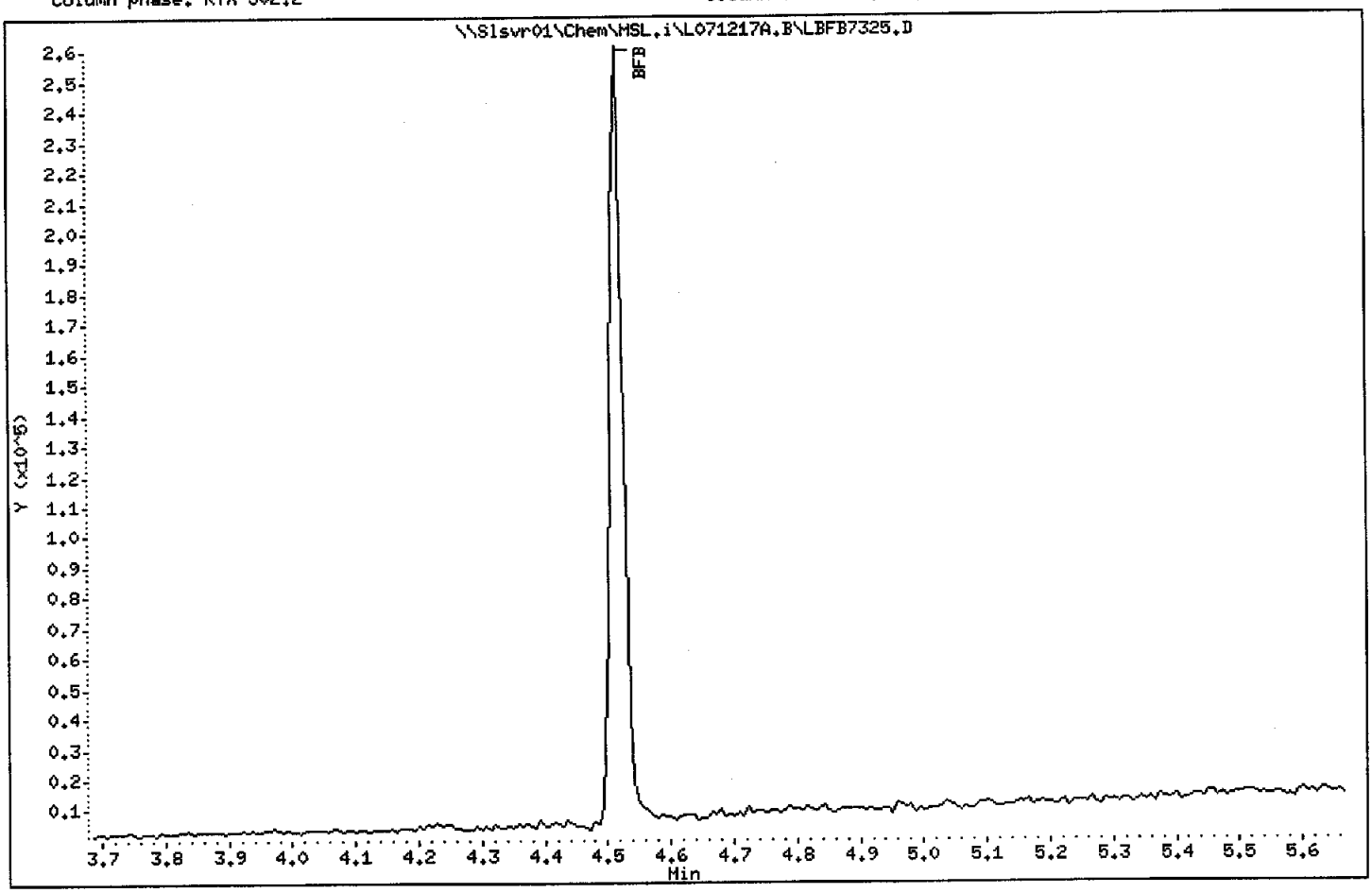
Sample Info: 25ng BFB;L071217A.B

Volume Injected (uL): 1.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53



Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LBFB7325.D

Date : 17-DEC-2007 14:32

Client ID: VBFB

Instrument: MSL.i

Sample Info: 25ng BFB;L071217A.B

Volume Injected (uL): 1.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

Data File: LBFB7325.D
Spectrum: Scan 118 (4.52)
Location of Maximum: 95.00
Number of points: 58

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	941	59.10	338	78.90	1732	118.00	277
37.00	2575	59.90	385	80.00	514	118.90	337
38.00	2414	61.00	2071	80.90	1738	121.00	278
39.10	1087	62.00	1961	81.90	441	137.00	260
39.90	549	63.00	1658	87.00	1292	140.90	466
44.00	898	68.00	4421	88.00	1622	142.90	475
45.10	706	69.00	4677	90.90	287	159.00	345
47.00	541	70.10	472	92.00	1219	173.90	26992
47.90	329	72.00	319	93.00	1698	174.90	1894
49.00	1701	73.00	2280	94.00	4883	175.90	26432
50.00	9619	74.00	7733	95.00	36872	176.90	1863
51.00	3470	75.00	20032	96.00	2714	207.10	1209
55.00	277	76.00	1851	104.00	252	208.00	293
56.00	811	77.00	644	105.80	261		
57.00	1302	78.10	765	116.80	350		

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Calibration File Names:
Level 1: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Level 2: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Level 3: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Level 4: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Level 5: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Level 6: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Level 7: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D

12/18/07

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
1 Dichlorodifluoromethane	0.31631	0.37653	0.32759	0.32403	0.32030	0.28222					
	0.29417						AVRG		0.32016		9.35112
2 Freon-114	0.08140	0.09237	0.07707	0.07240	0.07437	0.06318					
	0.06653						AVRG		0.07533		12.87946
3 Chloromethane	0.73547	0.68153	0.56656	0.54930	0.52920	0.51491					
	0.49790						AVRG		0.58212		15.54470
4 Vinyl Chloride	0.48153	0.61443	0.48754	0.49812	0.46085	0.43021					
	0.47703						AVRG		0.49282		11.76367

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1 / 40.0000 Level 7	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
5 Bromomethane	0.36476	0.20319	0.32961	0.37582	0.33663	0.27394					
	0.28463						AVRG		0.30980		19.44744
6 Chloroethane	0.27077	0.28784	0.26429	0.28382	0.32106	0.29729					
	0.35943						AVRG		0.29779		11.04277
7 Trichlorofluoromethane	0.39013	0.49449	0.43826	0.43574	0.42312	0.40617					
	0.45936						AVRG		0.43532		7.91782
8 Diethyl ether	0.09144	0.09179	0.07749	0.07753	0.07826	0.08348					
	0.08919						AVRG		0.08417		7.82595
9 1,1-Dichloroethene	0.27503	0.25010	0.22013	0.22363	0.22562	0.22243					
	0.25329						AVRG		0.23860		8.84124
10 1,1,2-Trichlorofluoroethane	0.26169	0.28724	0.22873	0.23389	0.22553	0.21208					
	0.23855						AVRG		0.24110		10.50512
11 Carbon Disulfide	0.86913	0.88146	0.73710	0.75464	0.74912	0.71094					
	0.78602						AVRG		0.78406		8.45446

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	40.0000 Level 7											
12 Iodomethane	+++++	+++++	0.06925	0.09015	0.09179	0.06576						
	0.09960						AVRG		0.08331		17.90536	
13 Acrolein	0.00536	0.00533	0.00408	0.00321	0.00395	0.00341						
	0.00413						AVRG		0.00421		20.15595	<-
14 Allyl chloride	0.31868	0.28888	0.24961	0.25583	0.25401	0.24939						
	0.27105						AVRG		0.26964		9.60361	
15 Methylene Chloride	0.29090	0.23260	0.20691	0.20141	0.20593	0.20805						
	0.21203						AVRG		0.22255		14.28234	
16 Acetone	+++++	5172	8241	12355	16710	36533						
	86228						LINR	-0.18709	0.01742		0.99335	
17 trans-1,2-Dichloroethene	0.32196	0.30336	0.26766	0.26491	0.27020	0.27003						
	0.31020						AVRG		0.28690		8.37066	
18 n-Hexane	0.51824	0.57092	0.41357	0.48034	0.51021	0.48859						
	0.56350						AVRG		0.50648		10.56850	

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

	Compound	0.5000000 Level 1 / 40.0000 Level 7	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	19 Methyl Acetate	0.02689	0.02215	0.02216	0.01758	0.02021	0.01911					
		0.02157						AVRG		0.02138		13.82943
	20 MTBE	0.28612	0.29175	0.24870	0.23834	0.23337	0.25272					
		0.26484						AVRG		0.25941		8.72079
M	21 1,2-Dichloroethene (total)	0.29357	0.28559	0.24933	0.25072	0.25413	0.25566					
		0.27915						AVRG		0.26688		6.96130
	22 Acetonitrile	2916	4976	7826	12180	27580	56460					
		143067						LINR	-0.07599	0.00600		0.99759
	23 Acrylonitrile	0.02158	0.02048	0.01859	0.02116	0.02217	0.02400					
		0.02645						AVRG		0.02206		11.50448
	24 1,1-Dichloroethane	0.54370	0.55465	0.47766	0.48004	0.47970	0.48186					
		0.52039						AVRG		0.50543		6.63329
	25 2-Chloro-1,3-butadiene	0.41646	0.45393	0.37364	0.39071	0.38850	0.38498					
		0.44111						AVRG		0.40705		7.54643

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
26 Vinyl acetate	0.13476	0.11368	0.10494	0.12880	0.13130	0.13745					
	0.14457						AVRG		0.12793		10.85850
27 cis-1,2-Dichloroethene	0.26518	0.26781	0.23099	0.23652	0.23806	0.24129					
	0.24811						AVRG		0.24685		5.83129
28 2,2-Dichloropropane	0.48029	0.46747	0.39263	0.40973	0.39790	0.37821					
	0.42369						AVRG		0.42142		9.17860
29 Bromochloromethane	0.06466	0.06788	0.05496	0.05268	0.05243	0.05266					
	0.05582						AVRG		0.05730		11.04147
30 Cyclohexane	0.44426	0.51305	0.41025	0.42262	0.43021	0.41952					
	0.46403						AVRG		0.44342		8.00105
31 Chloroform	0.45045	0.48153	0.37169	0.37630	0.38125	0.38801					
	0.44818						AVRG		0.41391		10.81233
32 Ethyl acetate	1312	3550	5098	6169	22000	47538					
	112900						LINR	0.05578	0.01214		0.99797

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
33 Carbon Tetrachloride	0.36848	0.35939	0.32218	0.32396	0.31900	0.30652					
	0.36811						AVRG		0.33824		7.72114
34 Isobutanol	0.00496	0.00388	0.00313	0.00340	0.00361	0.00378					
	0.00421						AVRG		0.00385		15.53130
35 Tetrahydrofuran	0.00516	0.00596	0.00529	0.00588	0.00546	0.00604					
	0.00649						AVRG		0.00575		8.24087
37 1,1,1-Trichloroethane	0.43021	0.45230	0.38240	0.38713	0.38362	0.37848					
	0.43428						AVRG		0.40692		7.57150
38 2-Butanone	2212	3807	3429	6732	18655	36597					
	97129						LINR	0.02196	0.02047		0.99517
39 1,1-Dichloropropene	0.39892	0.44384	0.36843	0.37536	0.37896	0.37010					
	0.42526						AVRG		0.39441		7.52310
40 Benzene	1.23269	1.27529	1.11184	1.10298	1.08853	1.08897					
	1.19831						AVRG		1.15695		6.66744

Report Date : 18-Dec-2007 12:01

STL St. Louis

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Target Version : 4.10
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Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
41 Propionitrile	0.00836	0.00679	0.00649	0.00654	0.00664	0.00720					
	0.00730						AVRG		0.00705		9.34012
42 Methacrylonitrile	0.02443	0.02821	0.03256	0.03053	0.03383	0.03647					
	0.03935						AVRG		0.03220		15.58606
44 1,2-Dichloroethane	0.15888	0.17713	0.14830	0.14595	0.14672	0.15170					
	0.15874						AVRG		0.15535		7.07223
46 n-Butanol	+++++	+++++	0.00077	0.00094	0.00070	0.00066					
	0.00099						AVRG		0.00081		17.90912
47 Methylcyclohexane	0.44251	0.45920	0.39144	0.39132	0.40518	0.39042					
	0.45885						AVRG		0.41985		7.70901
48 Trichloroethene	0.31529	0.31157	0.26319	0.26393	0.25587	0.25971					
	0.29192						AVRG		0.28021		9.11981
49 Dibromomethane	0.05884	0.05611	0.04877	0.04683	0.04523	0.04615					
	0.04842						AVRG		0.05005		10.54413

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

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Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

	Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
		40.0000 Level 7										
	50 1,2-Dichloropropane	0.22153	0.25266	0.21439	0.20577	0.20264	0.21307					
		0.22473						AVRG		0.21925		7.61151
	51 Bromodichloromethane	0.22678	0.22572	0.19084	0.19975	0.20791	0.20522					
		0.21659						AVRG		0.21040		6.34776
M	52 Xylenes (total)	0.88148	0.89769	0.77263	0.82894	0.85377	0.86264					
		1.08062						AVRG		0.88254		10.91180
	53 Methyl methacrylate	0.03802	0.03833	0.03655	0.04261	0.03745	0.04422					
		0.05133						AVRG		0.04122		12.82766
	54 1,4-Dioxane	4150	5680	7552	11489	20213	+++++					
		+++++						LINR	-4.83682	0.00084		0.99429
	55 2-chloroethyl vinyl ether	+++++	0.02641	0.02575	0.02509	0.02619	0.02959					
		0.02969						AVRG		0.02712		7.38839
	56 cis-1,3-Dichloropropene	0.25834	0.24847	0.20006	0.21067	0.19974	0.19795					
		0.20560						AVRG		0.21726		11.60965

Report Date : 18-Dec-2007 12:01

STL St. Louis

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Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
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Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	40.0000 Level 7										
58 Toluene	2.23843	2.35360	1.91058	2.01219	2.02365	1.93919					
	2.19331						AVRG		2.09585		7.96835
59 2-Nitro-Propane	2246	4347	6535	12483	26675	64050					
	168101						LINR	0.04664	0.05913		0.99478
60 4-Methyl-2-pentanone	0.07678	0.09370	0.09036	0.08937	0.08813	0.08787					
	0.09639						AVRG		0.08894		6.96043
61 trans-1,3-Dichloropropene	0.25441	0.25506	0.24399	0.26125	0.24851	0.23381					
	0.24947						AVRG		0.24950		3.54984
62 Tetrachloroethene	14423	25788	47812	83285	191781	374137					
	1011282						LINR	0.00768	0.35188		0.99503
63 Ethyl methacrylate	4346	7012	11137	29569	86256	202828					
	572695						LINR	0.13054	0.20460		0.99229
64 1,1,2-Trichloroethane	0.19893	0.18785	0.13977	0.14462	0.13468	0.13853					
	0.13873						AVRG		0.15473		17.29551

Report Date : 18-Dec-2007 12:01

STL St. Louis

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Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
65 Chlorodibromomethane	0.15406	0.16233	0.14010	0.14095	0.14703	0.14610					
	0.15056						AVRG		0.14873		5.21851
66 1,3-Dichloropropane	0.30819	0.33354	0.26384	0.27314	0.27333	0.26871					
	0.27373						AVRG		0.28493		9.07427
67 1,2-Dibromoethane	0.14193	0.13075	0.08744	0.11269	0.10600	0.09946					
	0.09178						AVRG		0.11001		18.27486
68 2-Hexanone	2178	2217	6511	10007	26418	61535					
	155815						LINR	0.05120	0.05525		0.99745
69 Ethylbenzene	0.79253	0.81823	0.67909	0.73406	0.74095	0.70236					
	0.80061						AVRG		0.75255		6.99227
71 Chlorobenzene	1.23841	1.24181	0.97958	1.02569	1.00677	0.96924					
	1.04613						AVRG		1.07252		10.94620
72 1,1,1,2-Tetrachloroethane	0.32941	0.31036	0.26098	0.27273	0.27276	0.26909					
	0.29510						AVRG		0.28721		8.77855

Report Date : 18-Dec-2007 12:01

STL St. Louis

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Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
73 m,p-Xylenes	0.93952	0.95451	0.82227	0.87708	0.90699	0.93130					
	1.21703						AVRG		0.94981		13.26641
74 o-Xylene	0.76540	0.78405	0.67335	0.73265	0.74734	0.72532					
	0.80780						AVRG		0.74799		5.85344
75 Styrene	46642	81173	129200	245855	590681	1235291					
	3146172						LINR	0.00894	1.10328		0.99806
76 Bromoform	0.15217	0.17456	0.14599	0.15915	0.15953	0.16496					
	0.16966						AVRG		0.16086		6.12920
77 Isopropylbenzene	5.94636	6.36919	5.36305	5.34008	5.43627	5.14433					
	5.93295						AVRG		5.64746		7.80199
79 n-Propylbenzene	7.94886	8.66422	7.50670	7.44333	7.65836	7.32659					
	8.50686						AVRG		7.86499		6.76097
80 Bromobenzene	0.90794	0.92462	0.75400	0.74929	0.74938	0.74315					
	0.76859						AVRG		0.79957		10.03806

Report Date : 18-Dec-2007 12:01

STL St. Louis

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Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
81 1,1,2,2-Tetrachloroethane	0.46785	0.46836	0.39173	0.39284	0.37404	0.37376					
	0.37398						AVRG		0.40608		10.62918
82 1,3,5-Trimethylbenzene	4.62132	5.18810	4.43784	4.56264	4.63744	4.54656					
	5.48895						AVRG		4.78326		8.24580
83 2-Chlorotoluene	3.93792	4.07833	3.59955	3.59250	3.57604	3.48311					
	4.00835						AVRG		3.75369		6.51382
84 1,2,3-Trichloropropane	0.07736	0.14508	0.10321	0.10433	0.09748	0.10284					
	0.10443						AVRG		0.10496		19.19760
85 trans-1,4-dichloro-2-butene	1446	2705	3738	7659	18448	40479					
	106091						LINR	0.02599	0.09811		0.99651
86 4-Chlorotoluene	3.51140	3.78958	3.37115	3.36829	3.37701	3.35283					
	3.77654						AVRG		3.50668		5.59403
87 Cyclohexanone	2090	3796	5638	11409	21799	31967					
	+++++						QUAD	0.83743	-5.03469	977	0.99543

Report Date : 18-Dec-2007 12:01

STL St. Louis

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End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	40.0000 Level 7										
88 t-Butylbenzene	4.27247	4.88735	4.05646	4.02458	4.11100	3.92221					
	4.64782						AVRG		4.27455		8.41218
89 Pentachloroethane	2042	5610	10430	30187	86596	176205					
	436168						LINR	0.04192	0.41105		0.99943
90 1,2,4-Trimethylbenzene	4.79087	4.97039	4.24419	4.39783	4.47420	4.39247					
	5.19312						AVRG		4.63758		7.58232
91 sec-Butylbenzene	7.16119	7.79377	6.57368	6.70920	6.85637	6.41880					
	7.59648						AVRG		7.01564		7.44040
92 4-Isopropyltoluene	5.27314	5.66618	4.98308	5.12561	5.24179	5.03054					
	5.95994						AVRG		5.32575		6.73756
93 1,3-Dichlorobenzene	1.97209	2.09958	1.79117	1.74907	1.73652	1.71263					
	1.82846						AVRG		1.84136		7.76095
95 1,4-Dichlorobenzene	2.09967	2.13003	1.78951	1.67272	1.67782	1.60803					
	1.73281						AVRG		1.81580		11.67340

Report Date : 18-Dec-2007 12:01

STL St. Louis

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Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
96 n-Butylbenzene	5.15816	6.14421	5.36713	5.40814	5.71816	5.42305					
	6.47510						AVRG		5.67056		8.39172
98 1,2-Dichlorobenzene	1.48664	1.50914	1.26698	1.30197	1.30535	1.27735					
	1.38850						AVRG		1.36228		7.39517
99 1,2-Dibromo-3-chloropropane	0.05987	0.04478	0.03674	0.04267	0.03963	0.03815					
	0.04137						AVRG		0.04332		17.98284
100 Hexachlorobutadiene	0.62098	0.61144	0.55347	0.49592	0.54068	0.45940					
	0.46769						AVRG		0.53565		12.14174
101 1,2,4-Trichlorobenzene	0.49403	0.50717	0.59708	0.68230	0.70037	0.65656					
	0.66448						AVRG		0.61457		13.70621
102 Naphthalene	5135	8490	26508	64564	179298	372824					
	893399						LINR	0.02873	0.84353		0.99984
103 1,2,3-Trichlorobenzene	0.25009	0.27242	0.35059	0.40410	0.40060	0.37387					
	0.35639						AVRG		0.34401		17.54124

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

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Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	40.0000 Level 7											
143 Nonanal	1566	2405	7663	23655	68648	152175						
	451667						LINR	0.16190	0.09761		0.99012	
157 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+000		0.000e+000	<-
144 2,2-Dimethylpentane	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+000		0.000e+000	<-
145 2,4-Dimethylpentane	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+000		0.000e+000	<-
146 2,2,3-Trimethylbutane	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+000		0.000e+000	<-
147 3,3-Dimethylpentane	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+000		0.000e+000	<-
148 2-Methylhexane	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+000		0.000e+000	<-

Report Date : 18-Dec-2007 12:01

STL St. Louis

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Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	40.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2	
149 2,3-Dimethylpentane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
150 3-Methylhexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
156 3-Ethylpentane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
151 Heptane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
152 Dimethyl Disulfide	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
153 1,3,5-Trichlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
$ 36 Dibromofluoromethane	0.15142	0.14341	0.12958	0.14163	0.14619	0.15157	0.17397	AVRG		0.14825		9.14528	

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

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Quant Method : ISTD
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Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1 / 40.0000 Level 7	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
$ 43 1,2-Dichloroethane-d4	0.12458	0.12096	0.11290	0.11270	0.11136	0.11405					
	0.11955						AVRG		0.11659		4.34927
$ 57 Toluene-d8	1.49127	1.54925	1.36786	1.46475	1.50117	1.43821					
	1.65367						AVRG		1.49517		6.01173
$ 78 4-Bromofluorobenzene	1.02239	1.01027	0.93803	0.94012	0.97393	0.93888					
	1.05501						AVRG		0.98266		4.80385
$ 158 1,2-Dichlorobenzene-d4	1.07919	1.37877	1.27338	1.29186	1.31290	1.26591					
	1.40451						AVRG		1.28665		8.19693

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
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Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Lab Smp Id: VSTD10 Client Smp ID: VSTD10
Inj Date : 17-DEC-2007 14:58
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD10;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 11:25 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 14:58 Cal File: LCAL7326.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1	Dichlorodifluoromethane	85	3.460	3.460	(0.358)	315159	10.0000	10.00
2	Freon-114	135	3.745	3.745	(0.387)	73176	10.0000	9.872
3	Chloromethane	50	3.902	3.902	(0.403)	520703	10.0000	9.091
4	Vinyl Chloride	62	4.100	4.100	(0.424)	453448	10.0000	9.351
5	Bromomethane	94	4.800	4.800	(0.496)	331227	10.0000	11.47
6	Chloroethane	64	5.028	5.028	(0.520)	315910	10.0000	10.78
7	Trichlorofluoromethane	101	5.279	5.279	(0.546)	416324	10.0000	9.682
8	Diethyl ether	59	5.788	5.788	(0.598)	153998	20.0000	18.60
9	1,1-Dichloroethene	96	6.151	6.151	(0.636)	221994	10.0000	9.456
10	1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	221912	10.0000	9.354
11	Carbon Disulfide	76	6.308	6.308	(0.652)	737099	10.0000	9.554
12	Iodomethane	142	6.439	6.439	(0.666)	90319	10.0000	11.02(M)
13	Acrolein	56	6.623	6.623	(0.685)	19444	50.0000	50.92
14	Allyl chloride	39	6.814	6.814	(0.704)	249934	10.0000	9.420
15	Methylene Chloride	84	6.967	6.967	(0.720)	202627	10.0000	9.253
16	Acetone	43	6.974	6.974	(0.721)	16710	10.0000	7.876(M)
17	trans-1,2-Dichloroethene	96	7.177	7.177	(0.742)	265863	10.0000	9.418
18	n-Hexane	57	7.177	7.177	(0.742)	502018	10.0000	10.07
19	Methyl Acetate	74	7.124	7.124	(0.737)	19888	10.0000	9.453(M)
20	MTBE	73	7.214	7.214	(0.746)	229621	10.0000	9.162
M 21	1,2-Dichloroethene (total)	96				500105	20.0000	19.06
22	Acetonitrile	41	7.562	7.562	(0.782)	27580	50.0000	45.93

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	23 Acrylonitrile	53	7.906	7.906	(0.817)	109060	50.0000	50.24
	24 1,1-Dichloroethane	63	7.876	7.876	(0.814)	472003	10.0000	9.491
	25 2-Chloro-1,3-butadiene	53	7.839	7.839	(0.810)	382263	10.0000	9.544
	26 Vinyl acetate	43	8.082	8.082	(0.836)	129193	10.0000	10.26
	27 cis-1,2-Dichloroethene	96	8.456	8.456	(0.874)	234242	10.0000	9.644
	28 2,2-Dichloropropane	77	8.539	8.539	(0.883)	391514	10.0000	9.442
	29 Bromochloromethane	128	8.700	8.700	(0.899)	51591	10.0000	9.151
	30 Cyclohexane	84	8.666	8.666	(0.896)	423304	10.0000	9.702
	31 Chloroform	83	8.707	8.707	(0.900)	375128	10.0000	9.211
	32 Ethyl acetate	43	8.756	8.756	(0.905)	22000	20.0000	18.98(MH)
	33 Carbon Tetrachloride	117	8.898	8.898	(0.920)	313884	10.0000	9.431
	34 Isobutanol	42	8.894	8.894	(0.920)	71050	200.000	185.0
	35 Tetrahydrofuran	71	8.894	8.894	(0.920)	26856	50.0000	47.44
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	143846	10.0000	9.861
	37 1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	377462	10.0000	9.427
	38 2-Butanone	43	8.965	8.965	(0.927)	18655	10.0000	9.480(M)
	39 1,1-Dichloropropene	75	9.051	9.051	(0.936)	372876	10.0000	9.608
	40 Benzene	78	9.313	9.313	(0.963)	1071056	10.0000	9.409
	41 Propionitrile	54	9.276	9.276	(0.959)	32677	50.0000	47.13
	42 Methacrylonitrile	41	9.291	9.291	(0.961)	166414	50.0000	46.29
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	109572	10.0000	9.552
	44 1,2-Dichloroethane	62	9.512	9.512	(0.983)	144365	10.0000	9.445
*	45 Fluorobenzene	96	9.673	9.673	(1.000)	983948	10.0000	
	46 n-Butanol	56	10.039	10.039	(1.038)	6883	100.000	86.18
	47 Methylcyclohexane	55	9.811	9.811	(1.014)	398679	10.0000	9.651
	48 Trichloroethene	130	9.852	9.852	(1.019)	251765	10.0000	9.131
	49 Dibromomethane	93	10.313	10.313	(1.066)	44505	10.0000	9.037
	50 1,2-Dichloropropane	63	10.324	10.324	(1.067)	199384	10.0000	9.242
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	204568	10.0000	9.881
M	52 Xylenes (total)	106				1443898	30.0000	29.09
	53 Methyl methacrylate	69	10.406	10.406	(1.076)	36851	10.0000	9.086
	54 1,4-Dioxane	88	10.556	10.556	(1.091)	20213	200.000	195.9(M)
	55 2-chloroethyl vinyl ether	63	10.803	10.803	(1.117)	25772	10.0000	9.658(H)
	56 cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	196535	10.0000	9.194
$	57 Toluene-d8	98	11.083	11.083	(0.885)	846256	10.0000	10.04
	58 Toluene	91	11.136	11.136	(0.889)	1140795	10.0000	9.656
	59 2-Nitro-Propane	43	11.300	11.300	(0.902)	26675	10.0000	8.468
	60 4-Methyl-2-pentanone	43	11.360	11.360	(0.907)	49679	10.0000	9.908
	61 trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	140093	10.0000	9.960
	62 Tetrachloroethene	164	11.525	11.525	(0.920)	191781	10.0000	9.745
	63 Ethyl methacrylate	69	11.503	11.503	(0.918)	86256	10.0000	8.784
	64 1,1,2-Trichloroethane	97	11.660	11.660	(0.931)	75922	10.0000	9.638
	65 Chlorodibromomethane	129	11.892	11.892	(0.949)	82887	10.0000	9.886
	66 1,3-Dichloropropane	76	11.910	11.910	(0.951)	154083	10.0000	9.593
	67 1,2-Dibromoethane	107	12.150	12.150	(0.970)	59753	10.0000	9.635
	68 2-Hexanone	43	12.113	12.113	(0.967)	26418	10.0000	8.994(M)
	69 Ethylbenzene	106	12.498	12.498	(0.998)	417694	10.0000	9.846
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	563731	10.0000	
	71 Chlorobenzene	112	12.550	12.550	(1.002)	567548	10.0000	9.387
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	153764	10.0000	9.497
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1022597	20.0000	19.10
	74 o-Xylene	106	13.033	13.033	(1.040)	421301	10.0000	9.991
	75 Styrene	104	13.089	13.089	(1.045)	590681	10.0000	9.587
	76 Bromoform	173	13.254	13.254	(0.900)	33675	10.0000	9.918

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	77 Isopropylbenzene	105	13.291	13.291	(0.903)	1147509	10.0000	9.626
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	205581	10.0000	9.911
	79 n-Propylbenzene	91	13.681	13.681	(0.929)	1616557	10.0000	9.737
	80 Bromobenzene	156	13.789	13.789	(0.936)	158183	10.0000	9.372
	81 1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	78954	10.0000	9.211
	82 1,3,5-Trimethylbenzene	105	13.834	13.834	(0.940)	978889	10.0000	9.695
	83 2-Chlorotoluene	91	13.909	13.909	(0.945)	754845	10.0000	9.527
	84 1,2,3-Trichloropropane	110	13.935	13.935	(0.946)	20576	10.0000	9.287
	85 trans-1,4-dichloro-2-butene	53	13.935	13.935	(0.946)	18448	10.0000	9.168
	86 4-Chlorotoluene	91	14.051	14.051	(0.954)	712832	10.0000	9.630
	87 Cyclohexanone	55	14.010	14.010	(0.951)	21799	100.000	119.9
	88 t-Butylbenzene	119	14.160	14.160	(0.962)	867766	10.0000	9.617
	89 Pentachloroethane	167	14.279	14.279	(0.970)	86596	10.0000	10.40
	90 1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	944432	10.0000	9.648
	91 sec-Butylbenzene	105	14.332	14.332	(0.973)	1447270	10.0000	9.773
	92 4-Isopropyltoluene	119	14.436	14.436	(0.980)	1106459	10.0000	9.842
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	366551	10.0000	9.431
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	211084	10.0000	
	95 1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	354162	10.0000	9.240
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	1207012	10.0000	10.08
	98 1,2-Dichlorobenzene	146	15.162	15.162	(1.030)	275538	10.0000	9.582
	99 1,2-Dibromo-3-chloropropane	157	15.975	15.975	(1.085)	8366	10.0000	9.820
	100 Hexachlorobutadiene	225	16.558	16.558	(1.125)	114129	10.0000	10.09
	101 1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	147836	10.0000	11.40
	102 Naphthalene	128	17.075	17.075	(1.160)	179298	10.0000	10.36
	103 1,2,3-Trichlorobenzene	180	17.292	17.292	(1.174)	84561	10.0000	11.64
	143 Nonanal	57	15.743	15.743	(1.628)	68648	10.0000	8.766
$	158 1,2-Dichlorobenzene-d4	150	15.151	15.151	(1.029)	277133	10.0000	10.20

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

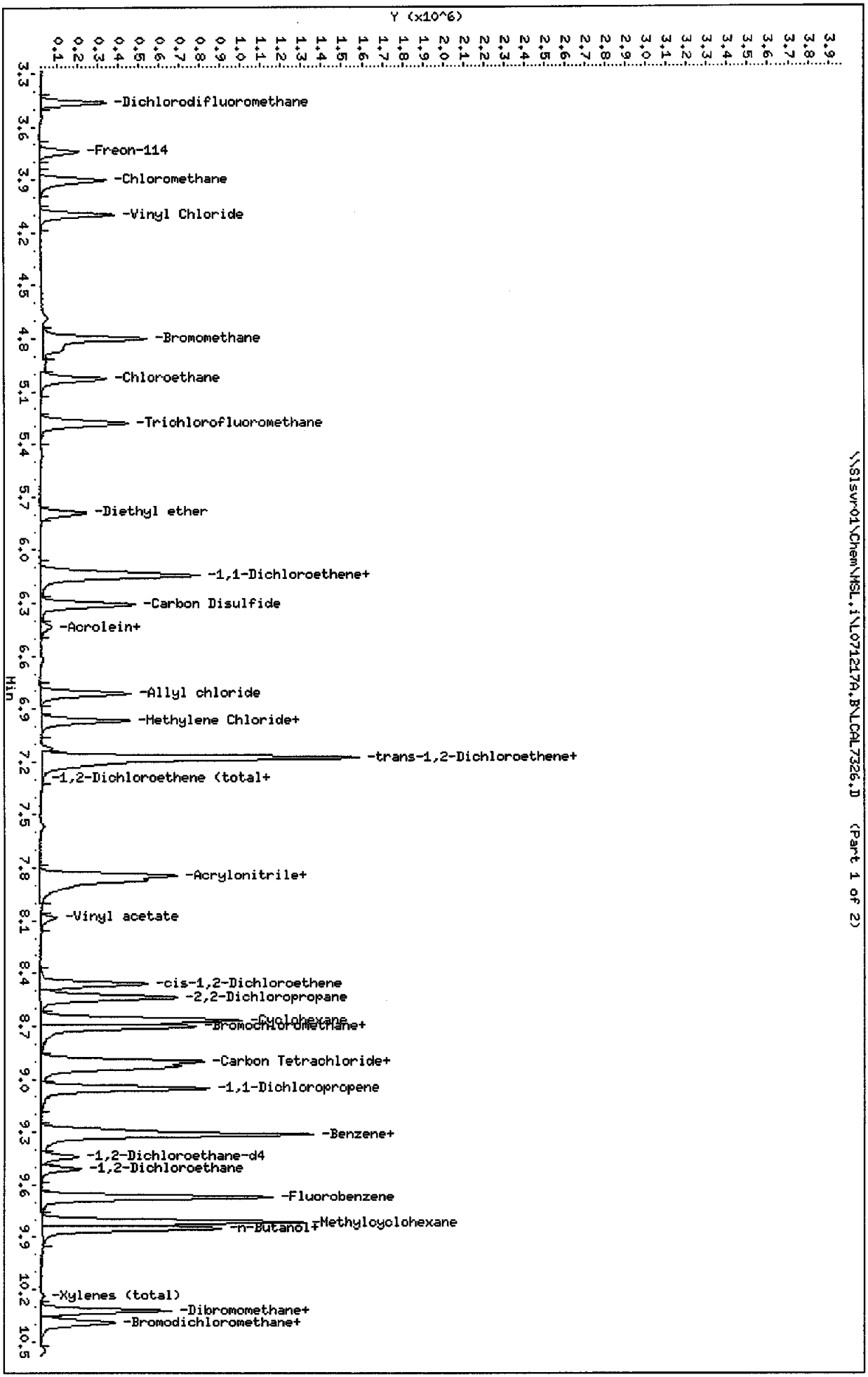
Instrument ID: MSL.i
Lab File ID: LCAL7326.D
Lab Smp Id: VSTD10
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD10
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	983948	0.00
70 Chlorobenzene-d5	563731	281866	1127462	563731	0.00
94 1,4 Dichlorobenze	211084	105542	422168	211084	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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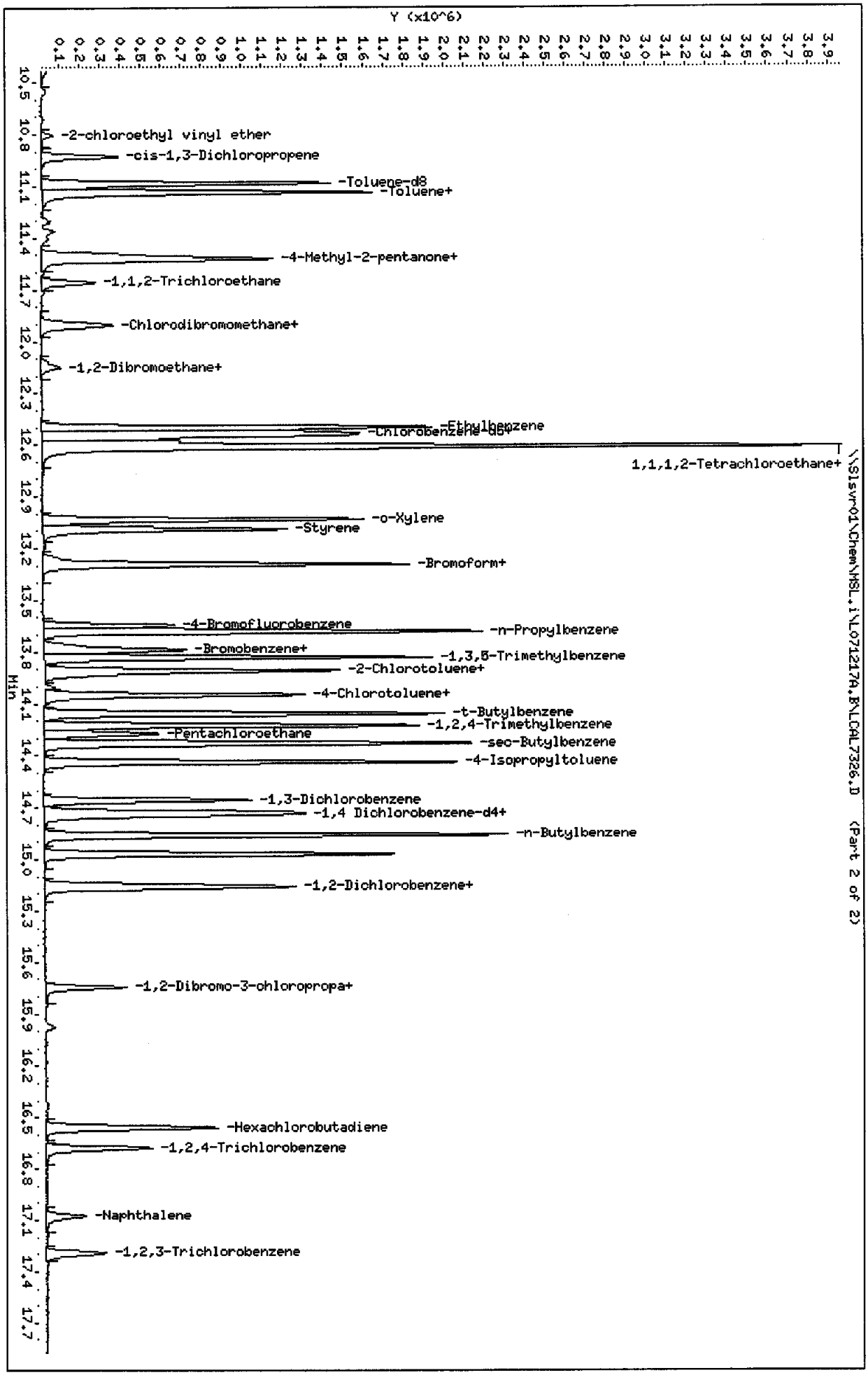
Date : 17-DEC-2007 14:58
Client ID: VSTD10
Sample Info: VSTD10;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Acrolein+
-Allyl chloride
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-n-Butanol+
-Methylcyclohexane
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+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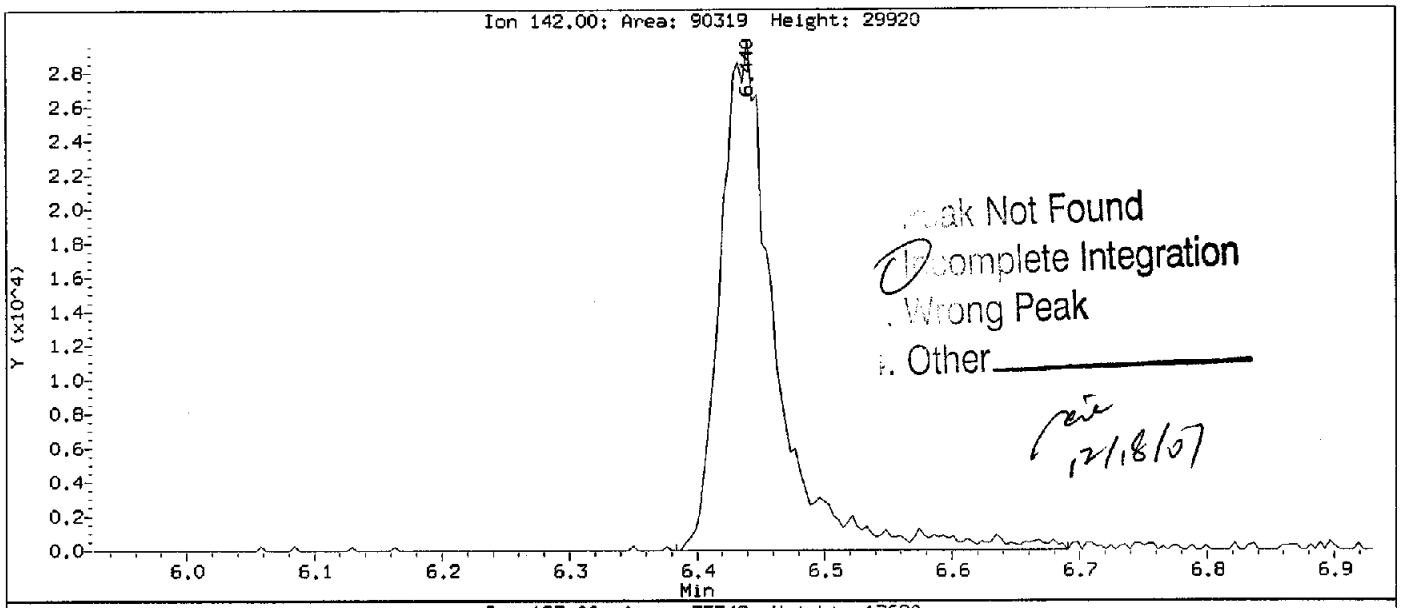
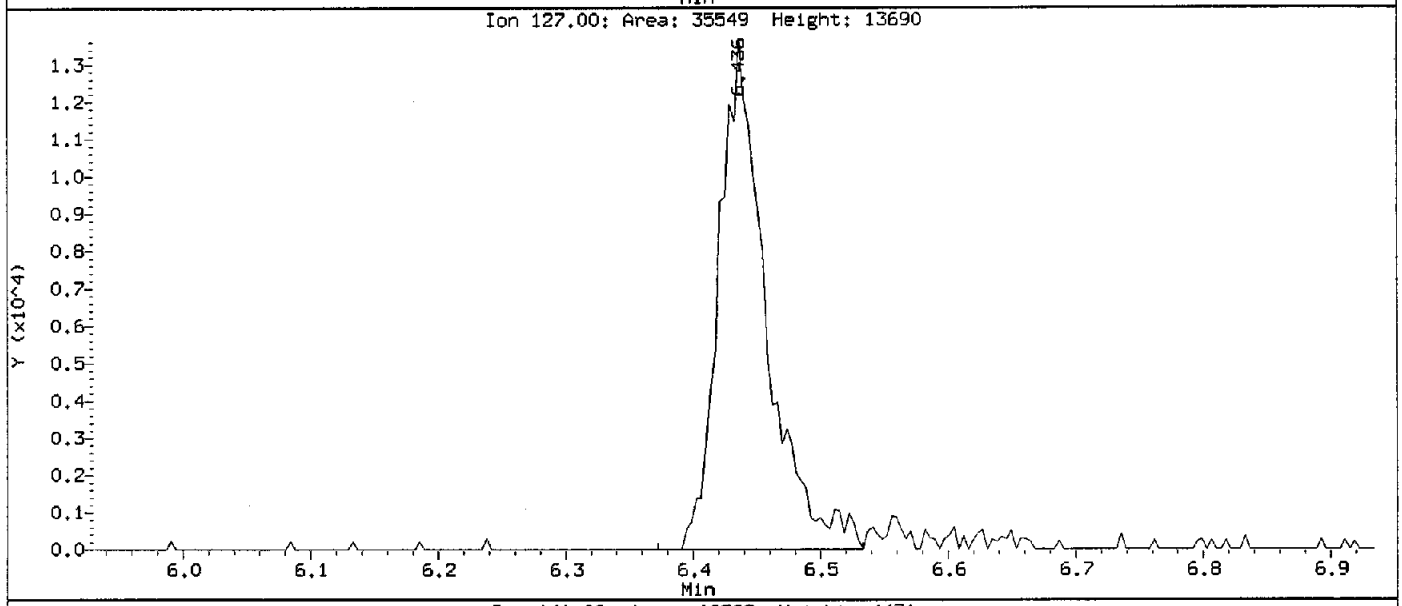
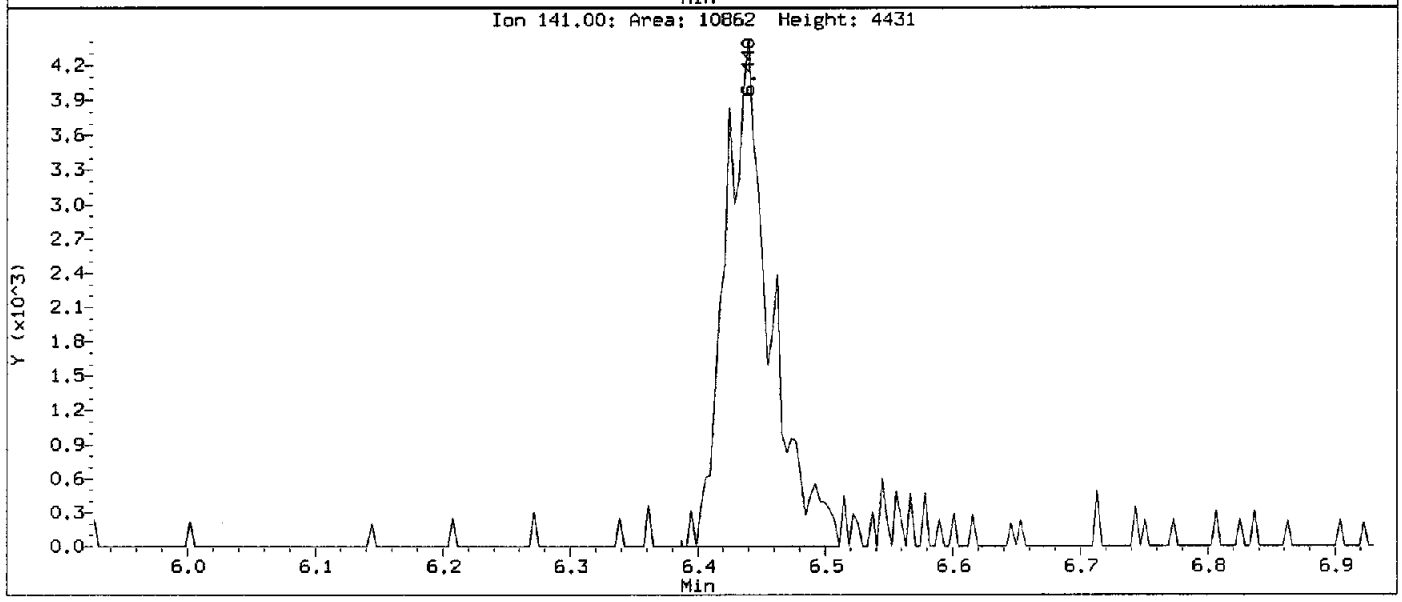
Date : 17-DEC-2007 14:58
Client ID: VSTD10
Sample Info: VSTD10;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D (Part 2 of 2)
-2-chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-Toluene-d8
-Toluene+
-4-Methyl-2-pentanone+
-1,1,2-Trichloroethane
-Chlorodibromomethane+
-1,2-Dibromoethane+
-Ethylbenzene
-Chlorobenzene-d5
1,1,1,2-Tetrachloroethane+
-o-Xylene
-Styrene
-Bromoform+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-4-Chlorotoluene+
-t-Butylbenzene
-1,2,4-Trimethylbenzene
-Pentachloroethane
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene+
-1,2-Dibromo-3-chloropropa+
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Iodomethane
CAS Number: 74-88-4







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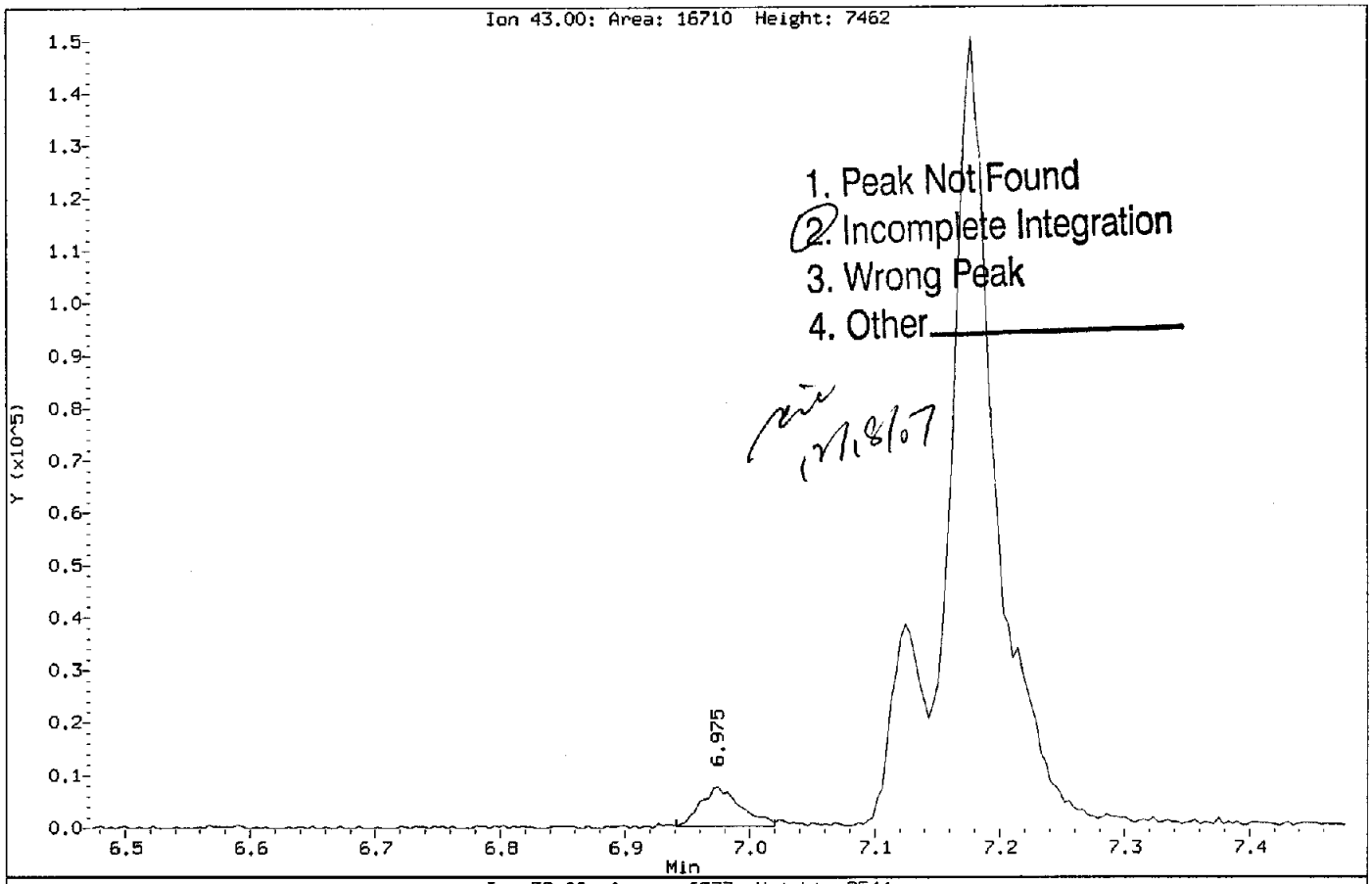
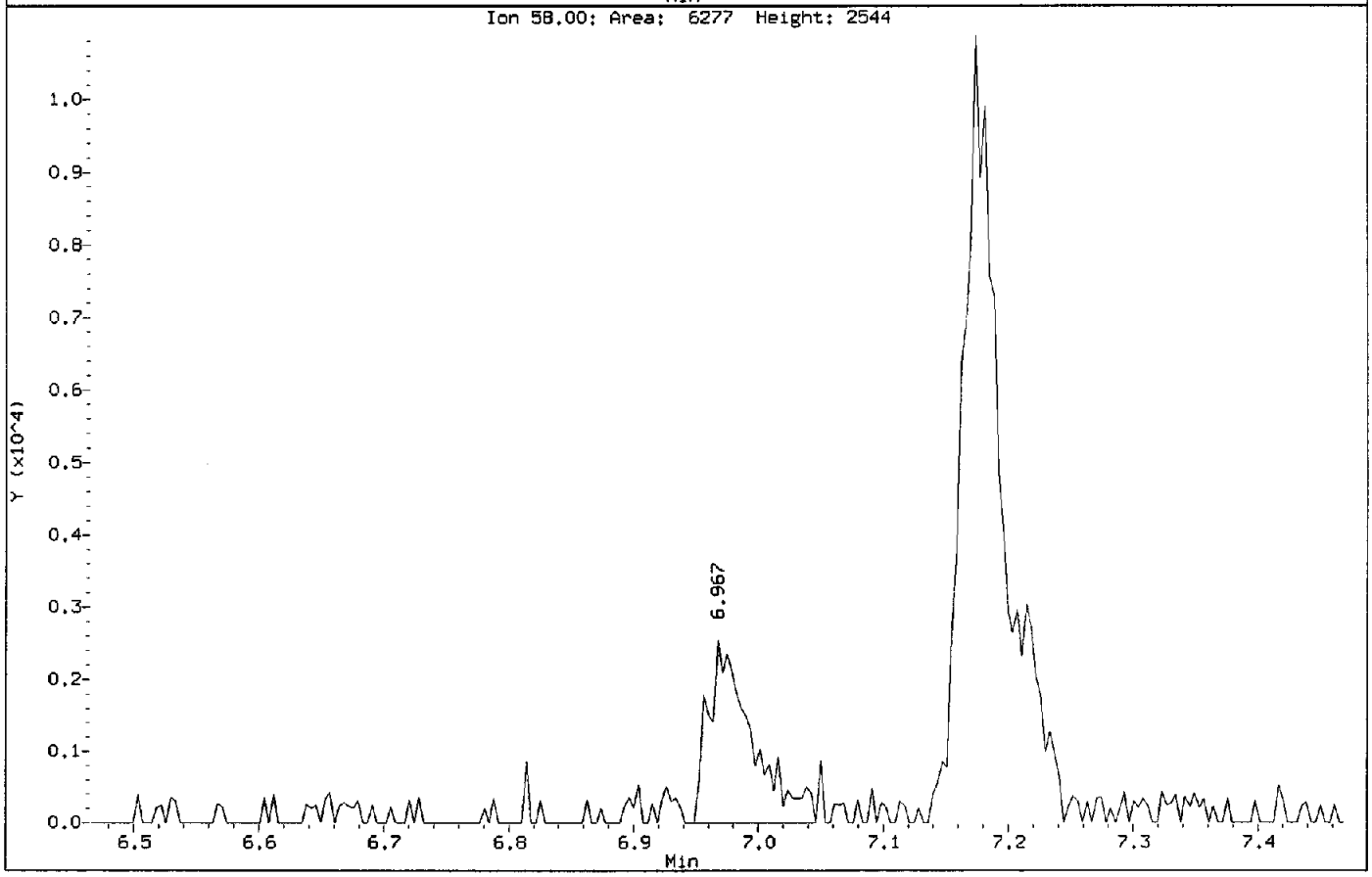
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Acetone
CAS Number: 67-64-1





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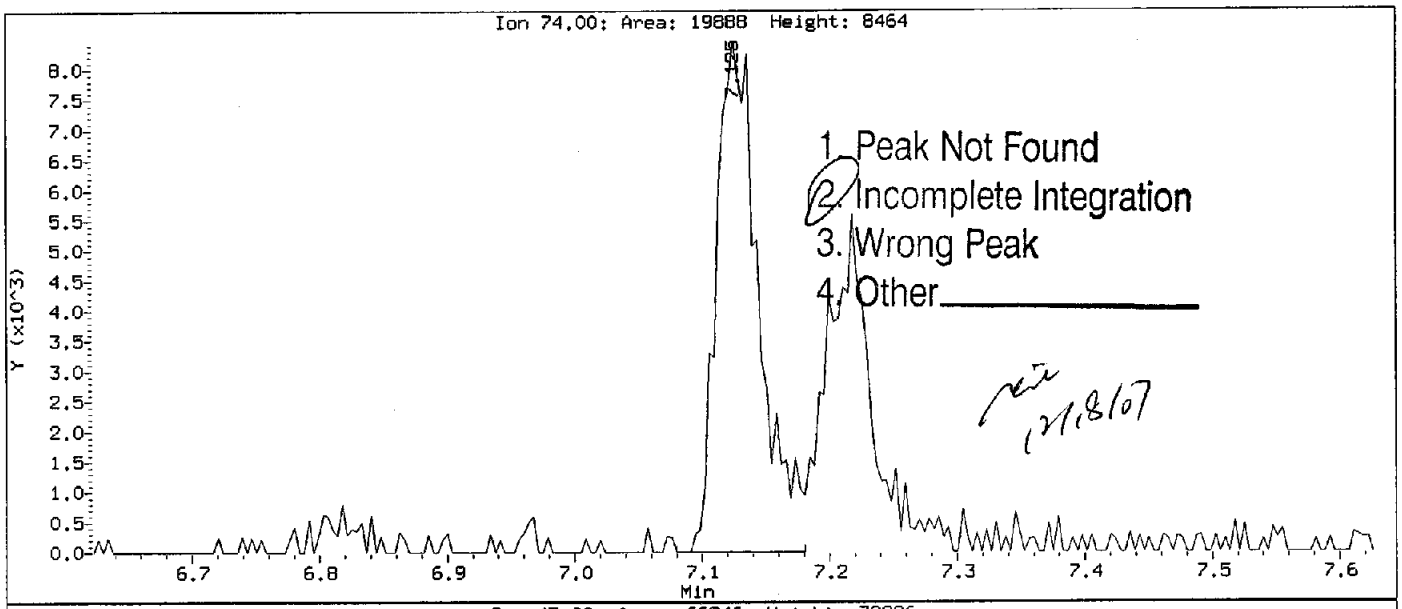
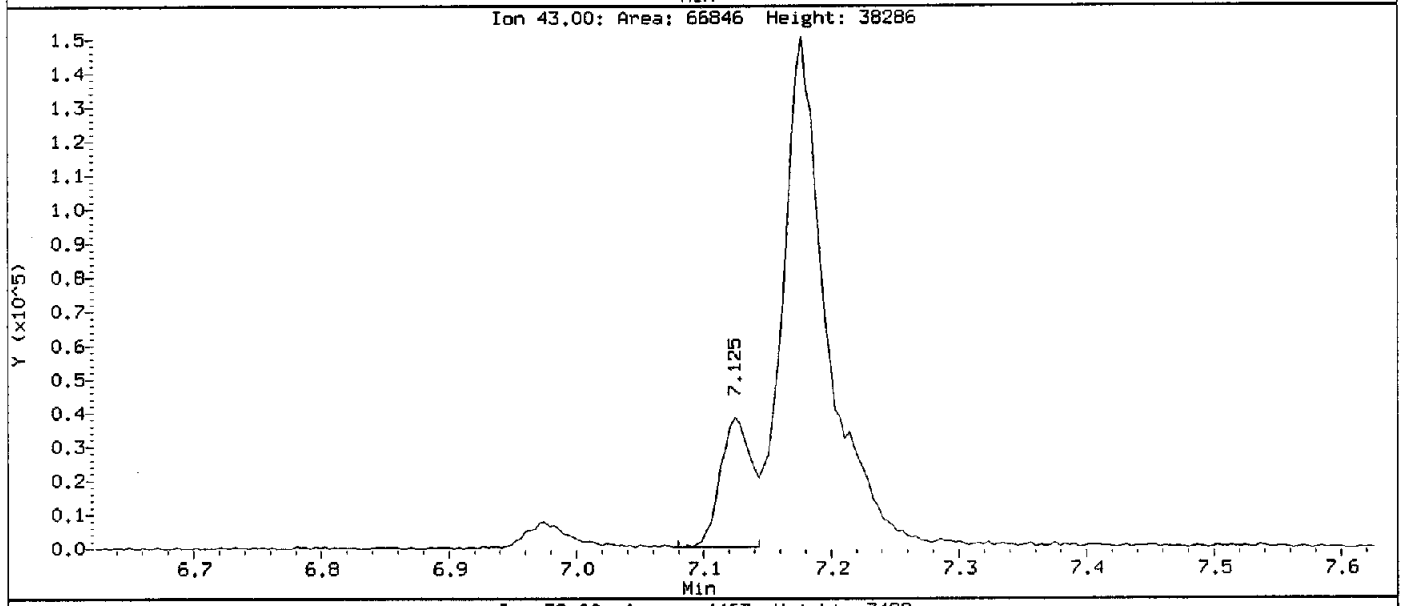
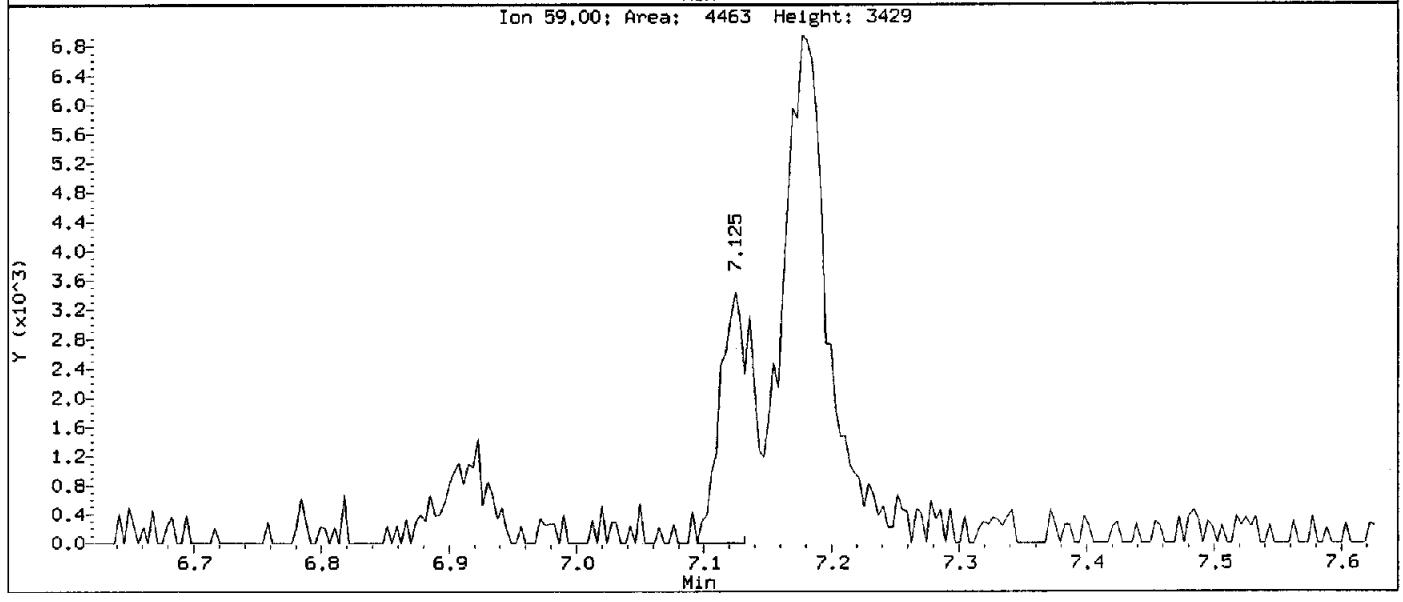
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Methyl Acetate
CAS Number:







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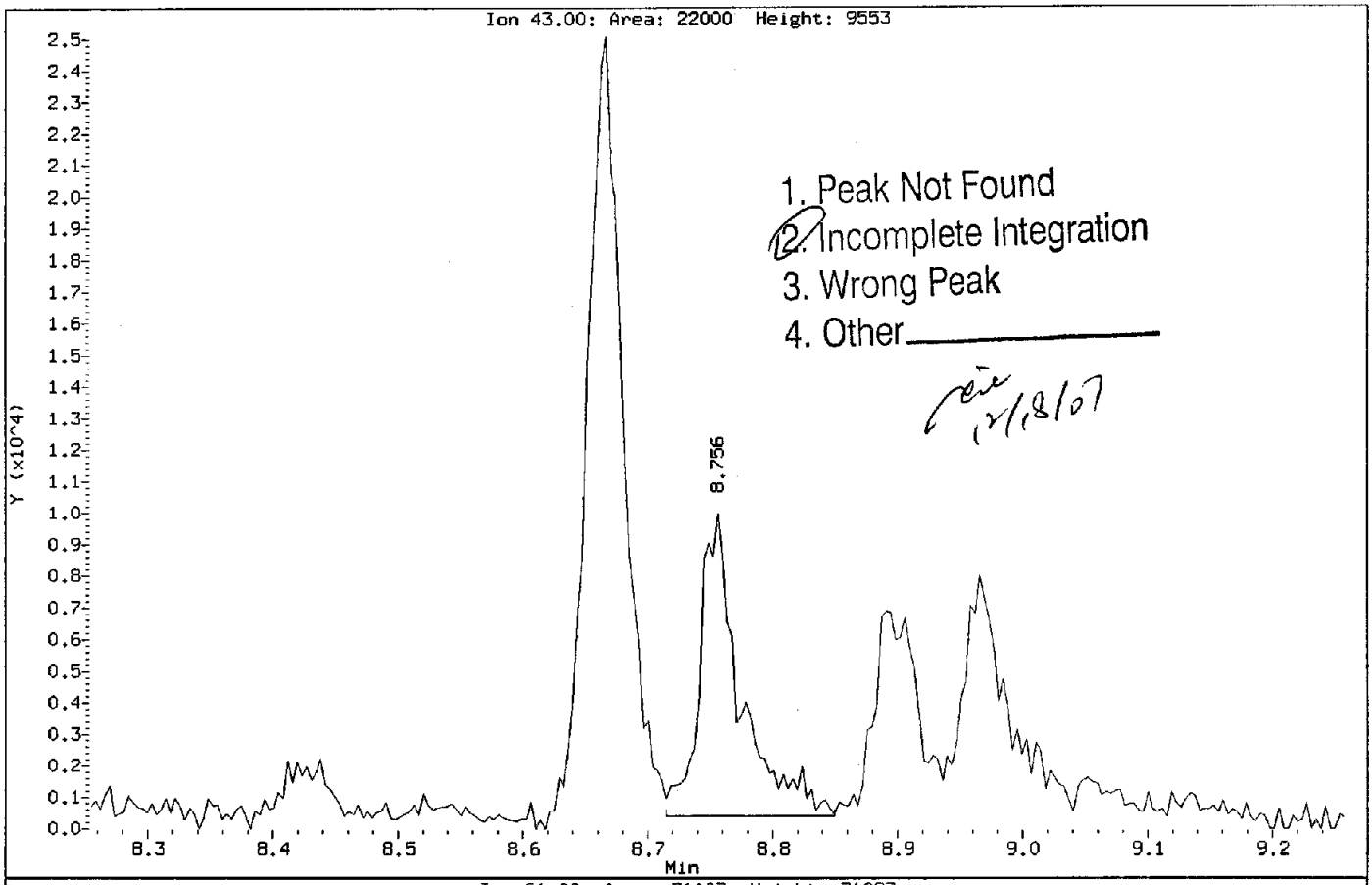
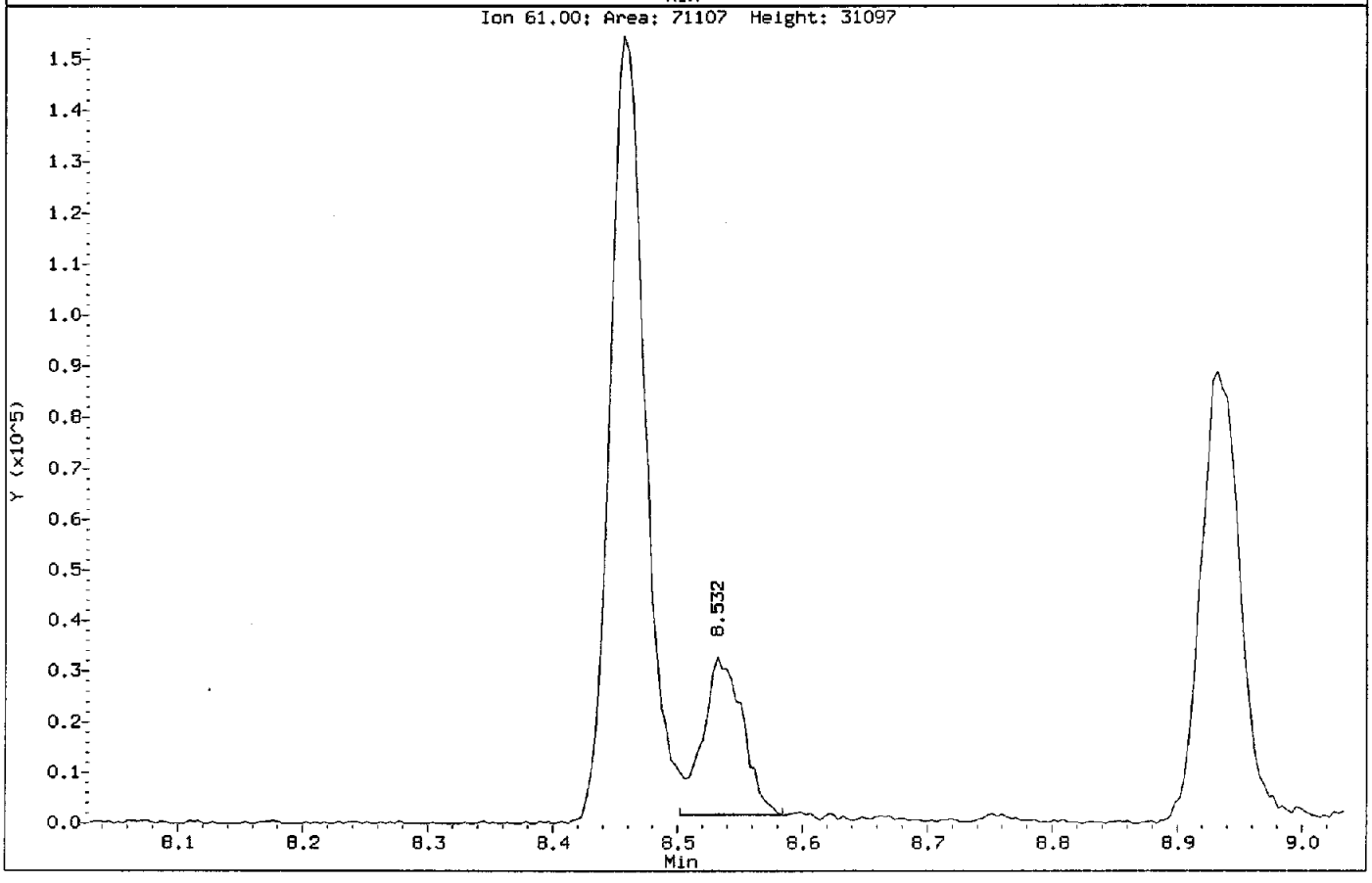
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Ethyl acetate
CAS Number: 141-78-6





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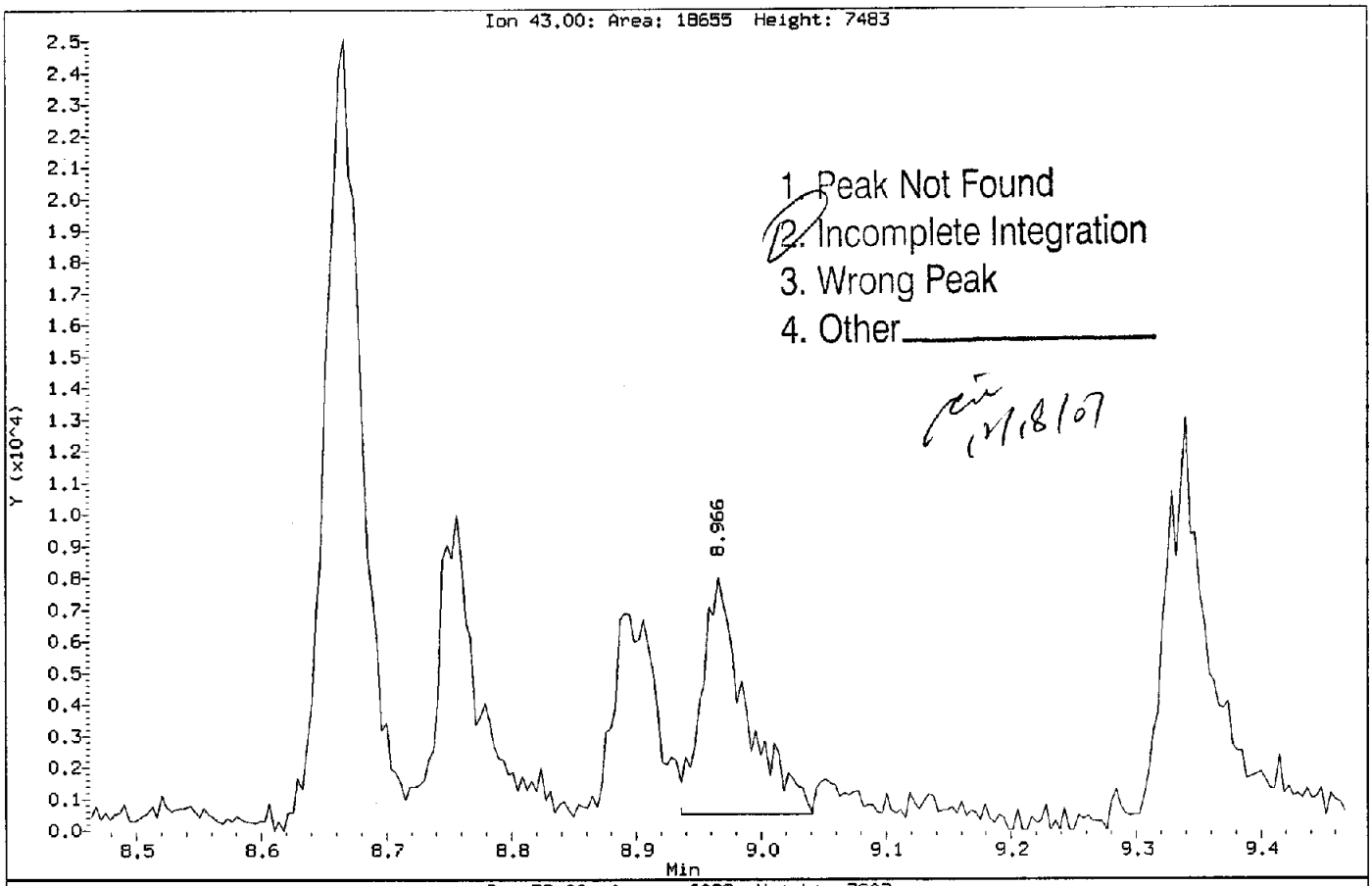
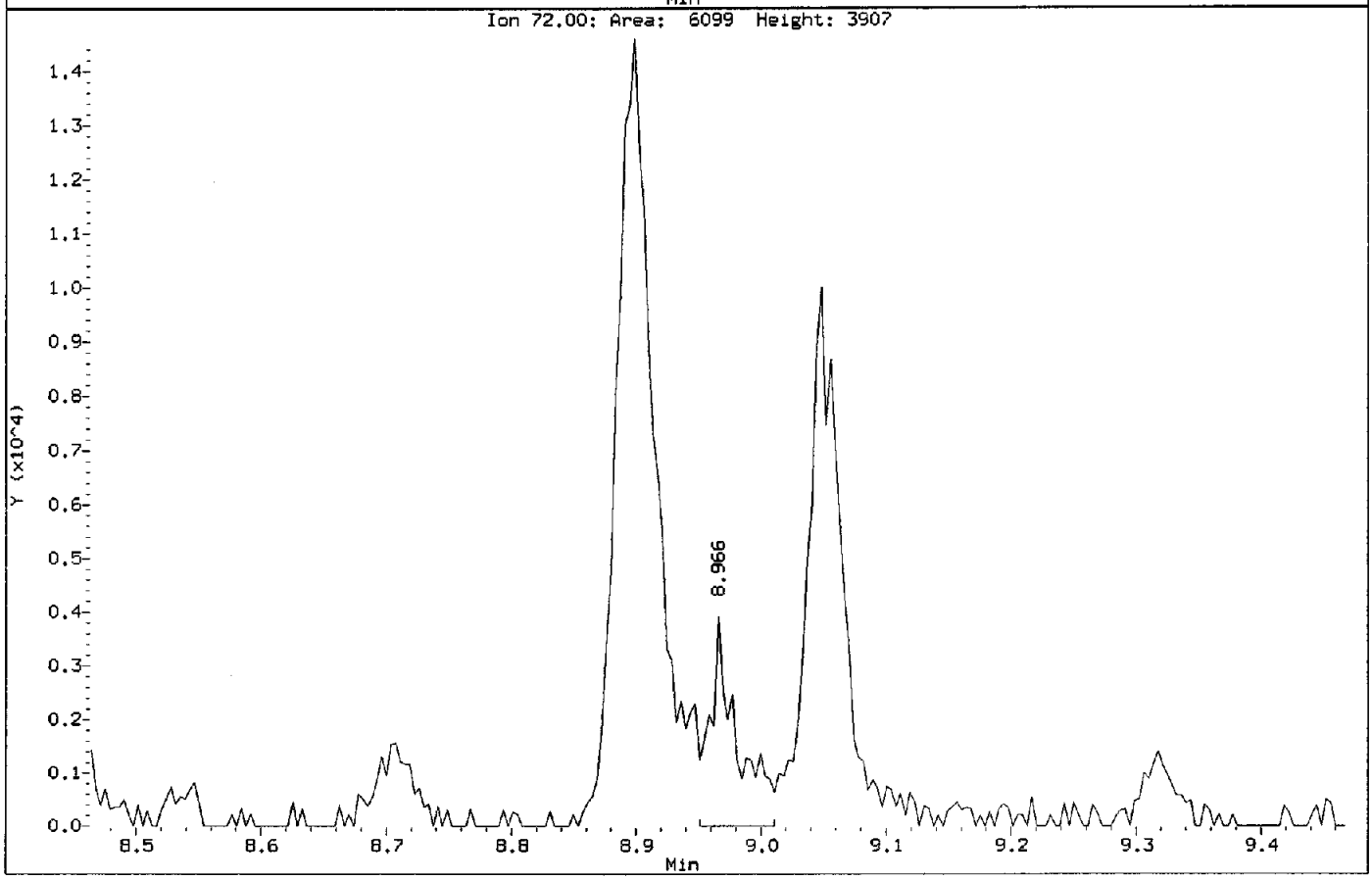
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: 2-Butanone
CAS Number: 78-93-3





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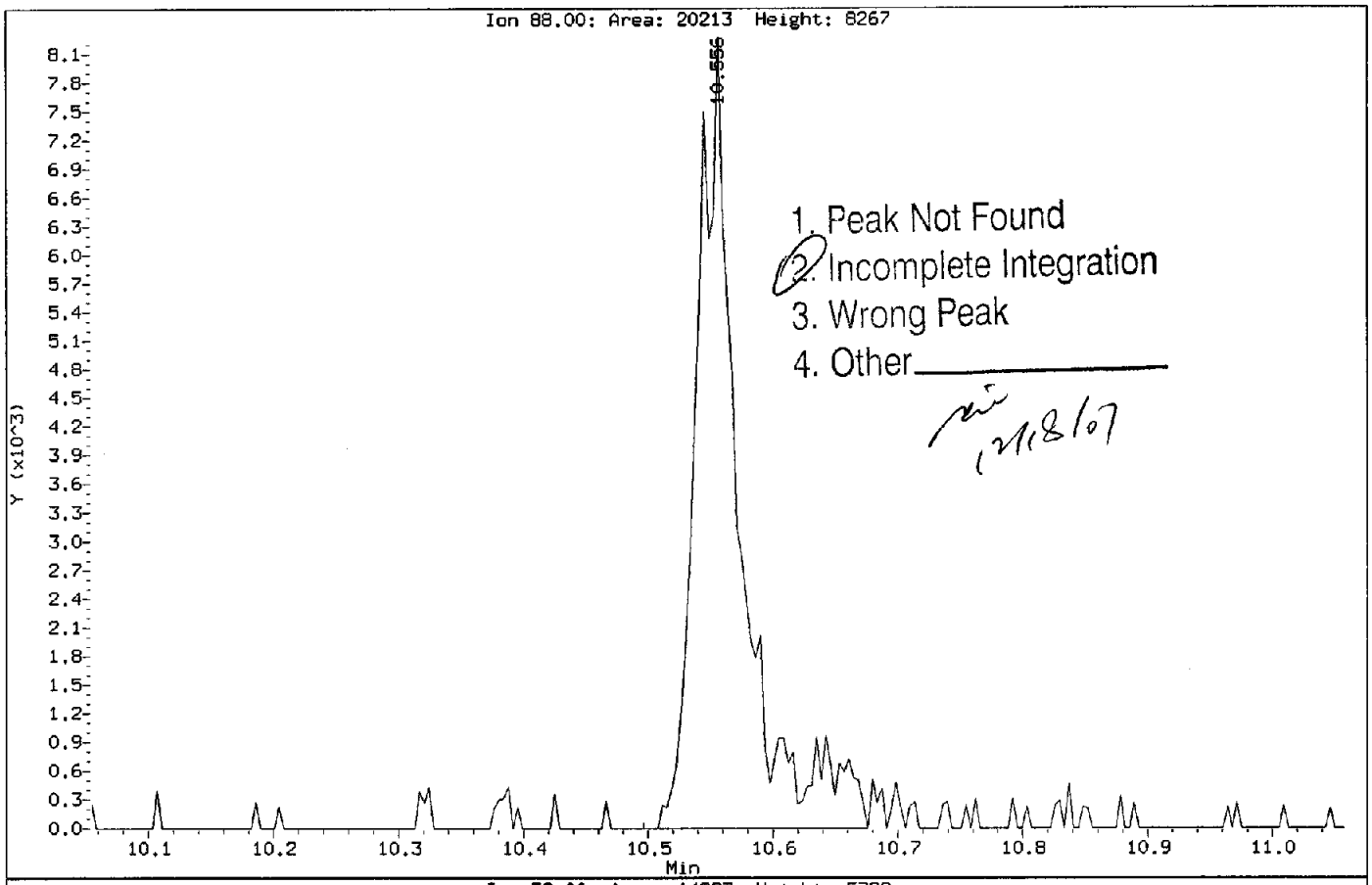
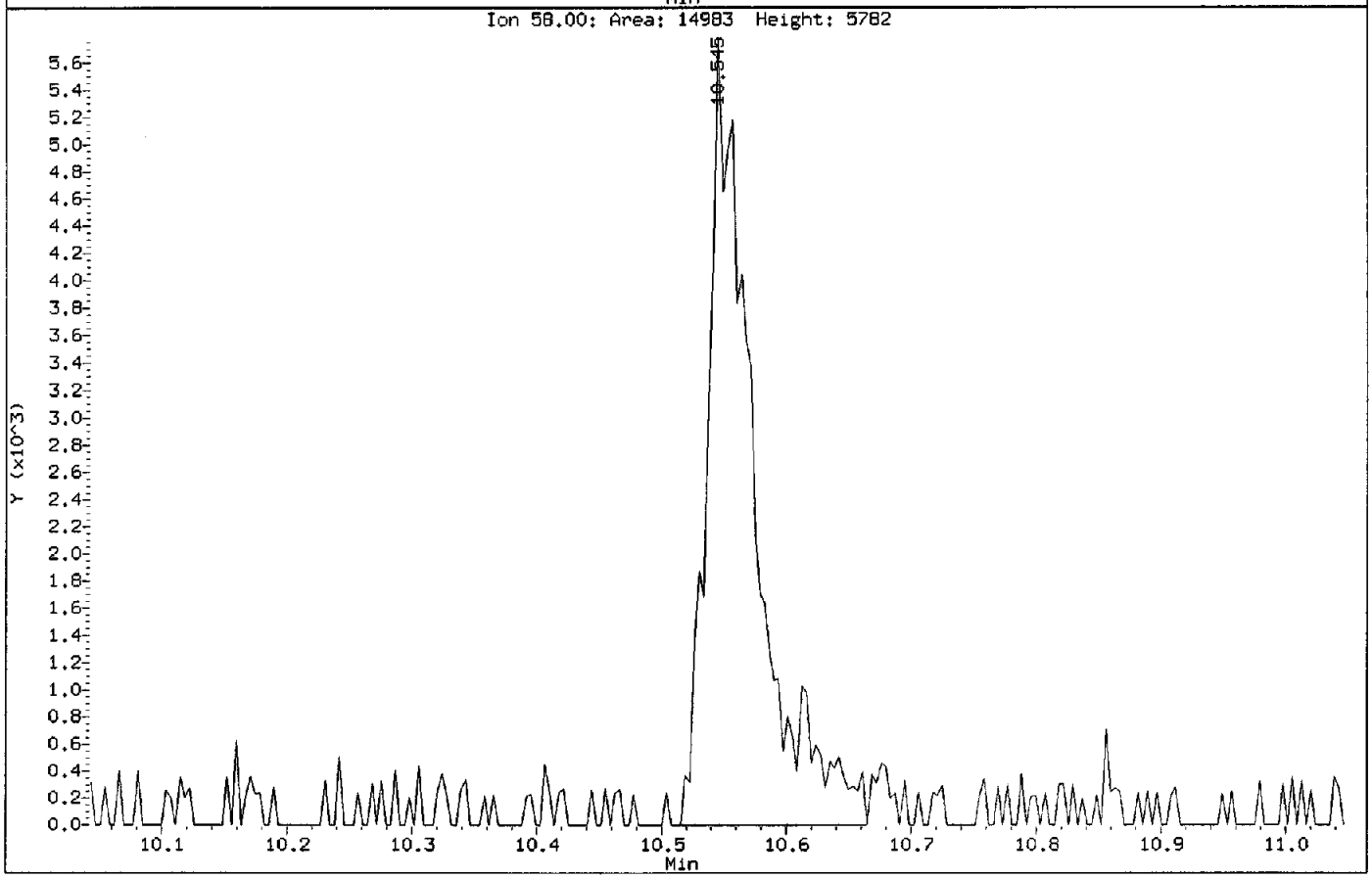
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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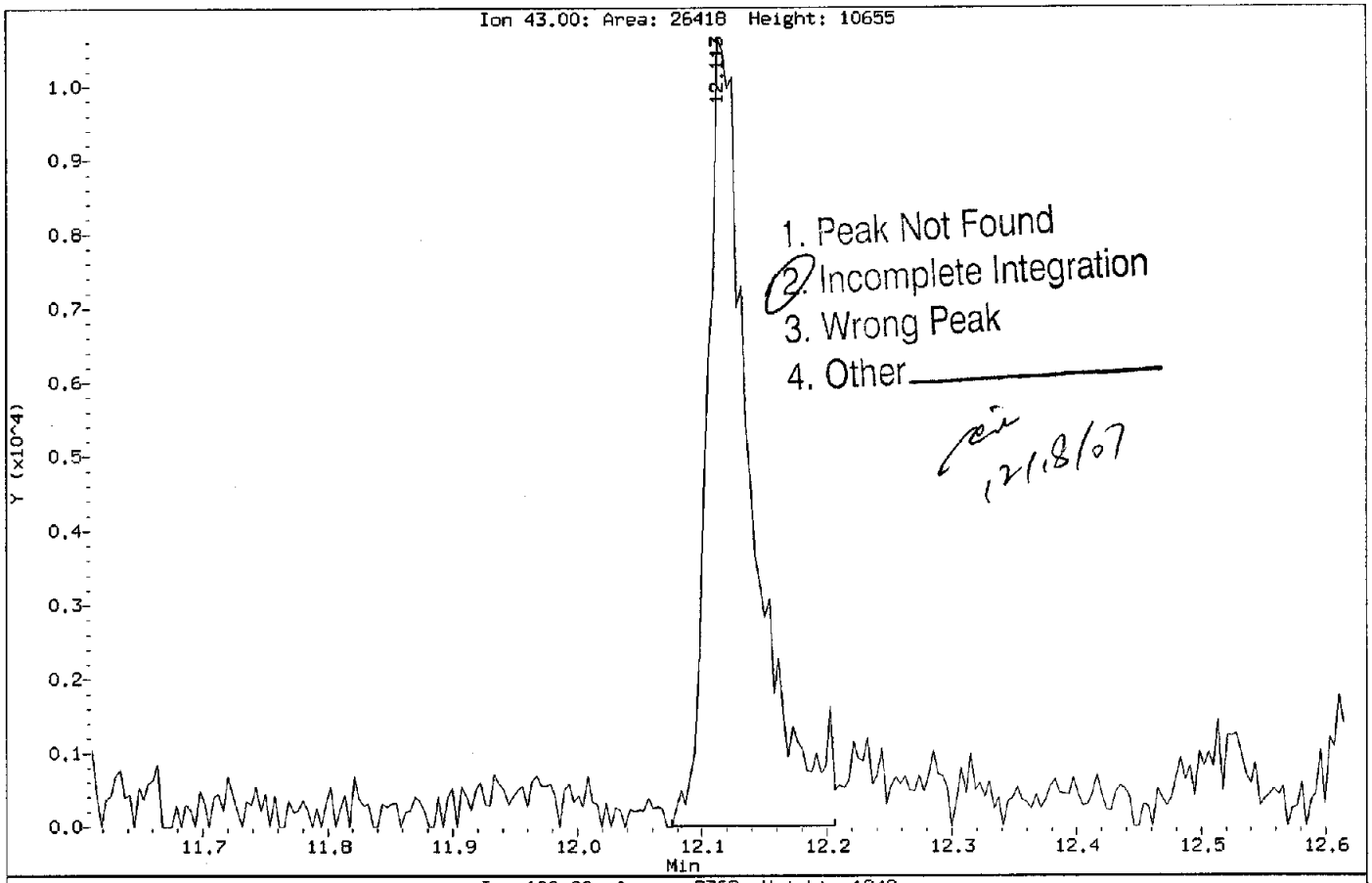
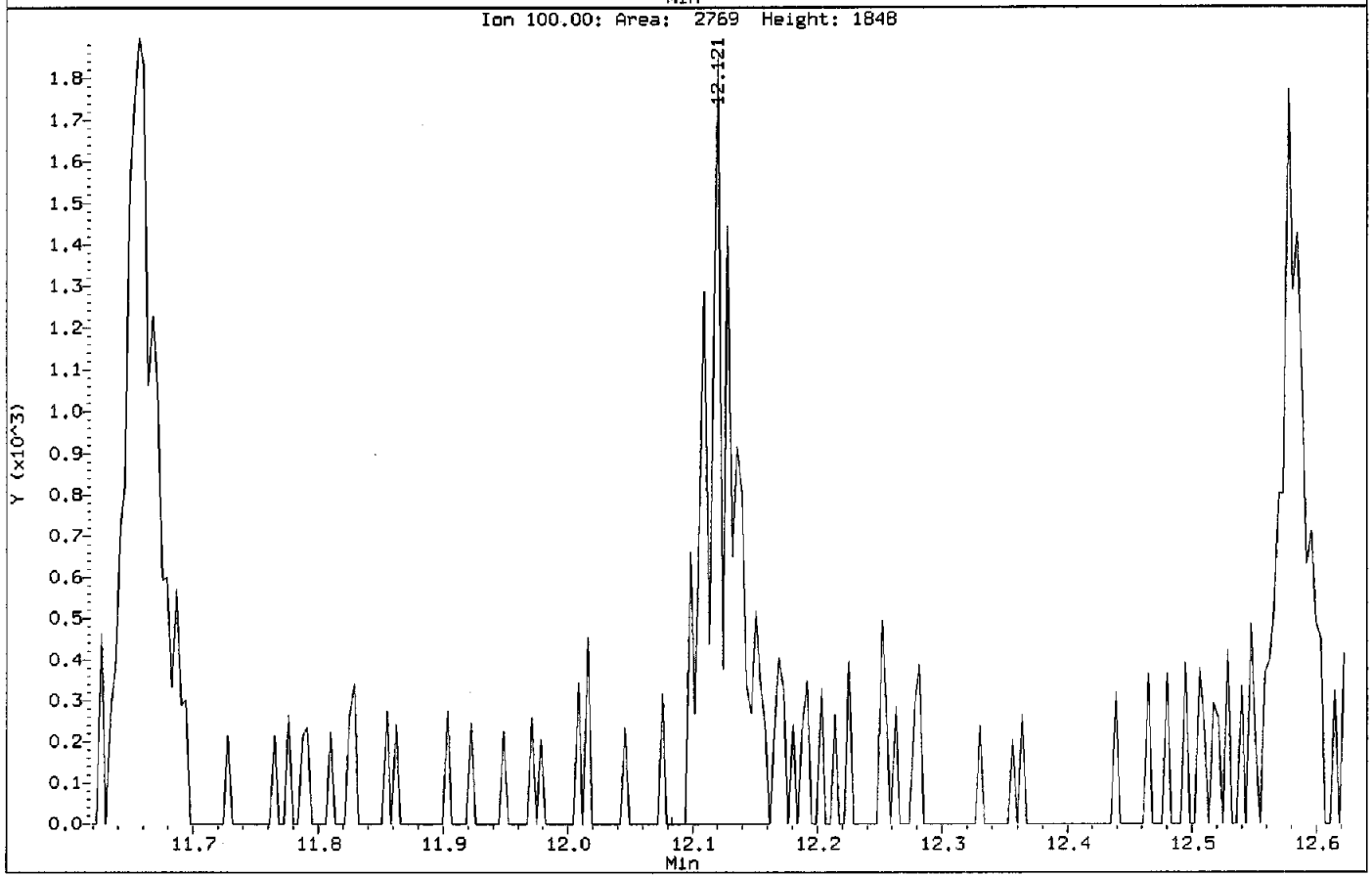
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: 2-Hexanone
CAS Number: 591-78-6





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Report Date: 18-Dec-2007 11:25

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Lab Smp Id: VSTD4.0 Client Smp ID: VSTD4.0
Inj Date : 17-DEC-2007 15:24
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD4.0;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 11:25 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 15:24 Cal File: LCAL7327.D
Als bottle: 2 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.464	3.464	(0.358)	129929	4.00000	4.048
	2 Freon-114	135	3.737	3.737	(0.387)	29033	4.00000	3.844
	3 Chloromethane	50	3.902	3.902	(0.404)	220260	4.00000	3.774
	4 Vinyl Chloride	62	4.100	4.100	(0.424)	199738	4.00000	4.043
	5 Bromomethane	94	4.800	4.800	(0.496)	150698	4.00000	4.848
	6 Chloroethane	64	5.040	5.040	(0.521)	113808	4.00000	3.812
	7 Trichlorofluoromethane	101	5.283	5.283	(0.546)	174723	4.00000	4.208
	8 Diethyl ether	59	5.792	5.792	(0.599)	62176	8.00000	7.369
	9 1,1-Dichloroethene	96	6.151	6.151	(0.636)	89670	4.00000	3.749
	10 1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	93784	4.00000	3.880
	11 Carbon Disulfide	76	6.308	6.308	(0.652)	302598	4.00000	3.850
	12 Iodomethane	142	6.435	6.435	(0.666)	36147	4.00000	4.328
	13 Acrolein	56	6.623	6.623	(0.685)	6429	20.0000	18.12
	14 Allyl chloride	39	6.813	6.813	(0.705)	102583	4.00000	3.795
	15 Methylene Chloride	84	6.967	6.967	(0.721)	80761	4.00000	3.620
	16 Acetone	43	6.982	6.982	(0.722)	12355	4.00000	5.202(M)
	17 trans-1,2-Dichloroethene	96	7.180	7.180	(0.743)	106226	4.00000	3.693
	18 n-Hexane	57	7.180	7.180	(0.743)	192606	4.00000	3.794
	19 Methyl Acetate	74	7.135	7.135	(0.738)	7051	4.00000	3.290(M)
	20 MTBE	73	7.218	7.218	(0.746)	95571	4.00000	3.938
M	21 1,2-Dichloroethene (total)	96				201065	8.00000	7.526
	22 Acetonitrile	41	7.581	7.581	(0.784)	12180	20.0000	19.48

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Acrylonitrile	53	7.914	7.914	(0.818)	42421	20.0000	19.18
	24 1,1-Dichloroethane	63	7.872	7.872	(0.814)	192489	4.00000	3.799
	25 2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	156666	4.00000	3.839
	26 Vinyl acetate	43	8.093	8.093	(0.837)	51647	4.00000	4.027
	27 cis-1,2-Dichloroethene	96	8.464	8.464	(0.875)	94839	4.00000	3.832
	28 2,2-Dichloropropane	77	8.542	8.542	(0.884)	164293	4.00000	3.889
	29 Bromochloromethane	128	8.700	8.700	(0.900)	21125	4.00000	3.678
	30 Cyclohexane	84	8.666	8.666	(0.896)	169462	4.00000	3.812
	31 Chloroform	83	8.707	8.707	(0.901)	150891	4.00000	3.636
	32 Ethyl acetate	43	8.774	8.774	(0.908)	6169	8.00000	5.627(M)
	33 Carbon Tetrachloride	117	8.902	8.902	(0.921)	129903	4.00000	3.831
	34 Isobutanol	42	8.905	8.905	(0.921)	27272	80.0000	77.86(M)
	35 Tetrahydrofuran	71	8.894	8.894	(0.920)	11796	20.0000	20.45
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	56791	4.00000	3.821
	37 1,1,1-Trichloroethane	97	8.939	8.939	(0.925)	155232	4.00000	3.805
	38 2-Butanone	43	8.973	8.973	(0.928)	6732	4.00000	3.500(M)
	39 1,1-Dichloropropene	75	9.051	9.051	(0.936)	150512	4.00000	3.807
	40 Benzene	78	9.313	9.313	(0.963)	442277	4.00000	3.813
	41 Propionitrile	54	9.283	9.283	(0.960)	13113	20.0000	18.56
	42 Methacrylonitrile	41	9.291	9.291	(0.961)	61216	20.0000	18.93
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.977)	45189	4.00000	3.866
	44 1,2-Dichloroethane	62	9.508	9.508	(0.983)	58524	4.00000	3.758
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	1002456	10.0000	
	46 n-Butanol	56	10.137	10.137	(1.048)	3763	40.0000	46.24(M)
	47 Methylcyclohexane	55	9.815	9.815	(1.015)	156914	4.00000	3.728
	48 Trichloroethene	130	9.852	9.852	(1.019)	105832	4.00000	3.768
	49 Dibromomethane	93	10.312	10.312	(1.067)	18779	4.00000	3.743
	50 1,2-Dichloropropane	63	10.327	10.327	(1.068)	82510	4.00000	3.754
	51 Bromodichloromethane	83	10.391	10.391	(1.075)	80095	4.00000	3.797
M	52 Xylenes (total)	106				560369	12.0000	11.30
	53 Methyl methacrylate	69	10.413	10.413	(1.077)	17086	4.00000	4.135(M)
	54 1,4-Dioxane	88	10.552	10.552	(1.091)	11489	80.0000	87.92(M)
	55 2-chloroethyl vinyl ether	63	10.803	10.803	(1.117)	10060	4.00000	3.700
	56 cis-1,3-Dichloropropene	75	10.930	10.930	(1.130)	84473	4.00000	3.878
$	57 Toluene-d8	98	11.087	11.087	(0.885)	330061	4.00000	3.919
	58 Toluene	91	11.139	11.139	(0.889)	453419	4.00000	3.840
	59 2-Nitro-Propane	43	11.304	11.304	(0.902)	12483	4.00000	4.214(M)
	60 4-Methyl-2-pentanone	43	11.368	11.368	(0.907)	20138	4.00000	4.019
	61 trans-1,3-Dichloropropene	75	11.499	11.499	(0.918)	58870	4.00000	4.188
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	83285	4.00000	4.278
	63 Ethyl methacrylate	69	11.514	11.514	(0.919)	29569	4.00000	3.871
	64 1,1,2-Trichloroethane	97	11.660	11.660	(0.931)	32589	4.00000	4.069
	65 Chlorodibromomethane	129	11.895	11.895	(0.950)	31761	4.00000	3.791
	66 1,3-Dichloropropane	76	11.914	11.914	(0.951)	61549	4.00000	3.834
	67 1,2-Dibromoethane	107	12.154	12.154	(0.970)	25394	4.00000	4.098
	68 2-Hexanone	43	12.124	12.124	(0.968)	10007	4.00000	3.727(M)
	69 Ethylbenzene	106	12.502	12.502	(0.998)	165411	4.00000	3.902
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	563341	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	231125	4.00000	3.825
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	61456	4.00000	3.798
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	395277	8.00000	7.387
	74 o-Xylene	106	13.037	13.037	(1.041)	165092	4.00000	3.918
	75 Styrene	104	13.093	13.093	(1.045)	245855	4.00000	4.045
	76 Bromoform	173	13.254	13.254	(0.900)	13163	4.00000	3.958

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	77 Isopropylbenzene	105	13.295	13.295	(0.903)	441665	4.00000	3.782
$	78 4-Bromofluorobenzene	95	13.651	13.651	(0.927)	77755	4.00000	3.827
	79 n-Propylbenzene	91	13.684	13.684	(0.929)	615620	4.00000	3.786
	80 Bromobenzene	156	13.793	13.793	(0.937)	61972	4.00000	3.748
	81 1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	32491	4.00000	3.870
	82 1,3,5-Trimethylbenzene	105	13.834	13.834	(0.940)	377365	4.00000	3.816
	83 2-Chlorotoluene	91	13.909	13.909	(0.945)	297127	4.00000	3.828
	84 1,2,3-Trichloropropane	110	13.935	13.935	(0.946)	8629	4.00000	3.976
	85 trans-1,4-dichloro-2-butene	53	13.939	13.939	(0.947)	7659	4.00000	4.036(M)
	86 4-Chlorotoluene	91	14.051	14.051	(0.954)	278583	4.00000	3.842
	87 Cyclohexanone	55	14.010	14.010	(0.951)	11409	40.0000	55.33
	88 t-Butylbenzene	119	14.159	14.159	(0.962)	332863	4.00000	3.766
	89 Pentachloroethane	167	14.275	14.275	(0.970)	30187	4.00000	3.971
	90 1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	363734	4.00000	3.793
	91 sec-Butylbenzene	105	14.332	14.332	(0.973)	554902	4.00000	3.825
	92 4-Isopropyltoluene	119	14.440	14.440	(0.981)	423927	4.00000	3.850
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	144661	4.00000	3.800
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	206769	10.0000	
	95 1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	138347	4.00000	3.685
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	447294	4.00000	3.815
	98 1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	107683	4.00000	3.823
	99 1,2-Dibromo-3-chloropropane	157	15.971	15.971	(1.085)	3529	4.00000	4.307(M)
	100 Hexachlorobutadiene	225	16.554	16.554	(1.124)	41016	4.00000	3.703
	101 1,2,4-Trichlorobenzene	180	16.682	16.682	(1.133)	56431	4.00000	4.441
	102 Naphthalene	128	17.082	17.082	(1.160)	64564	4.00000	3.989
	103 1,2,3-Trichlorobenzene	180	17.295	17.295	(1.175)	33422	4.00000	4.699
	143 Nonanal	57	15.750	15.750	(1.629)	23655	4.00000	4.036
$	158 1,2-Dichlorobenzene-d4	150	15.151	15.151	(1.029)	106847	4.00000	4.016

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Report Date: 18-Dec-2007 11:25

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INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

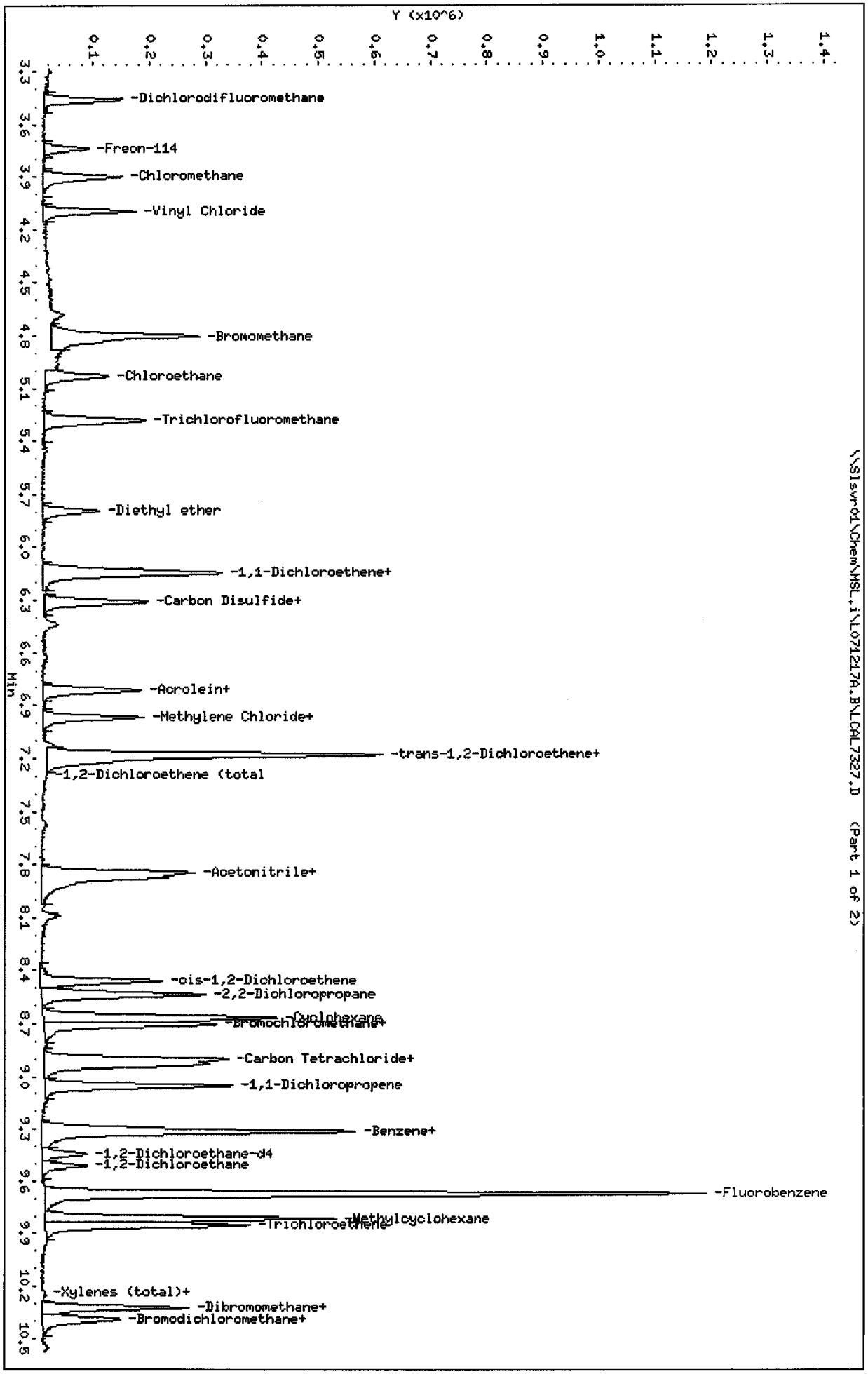
Instrument ID: MSL.i
Lab File ID: LCAL7327.D
Lab Smp Id: VSTD4.0
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD4.0
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	1002456	1.88
70 Chlorobenzene-d5	563731	281866	1127462	563341	-0.07
94 1,4 Dichlorobenze	211084	105542	422168	206769	-2.04

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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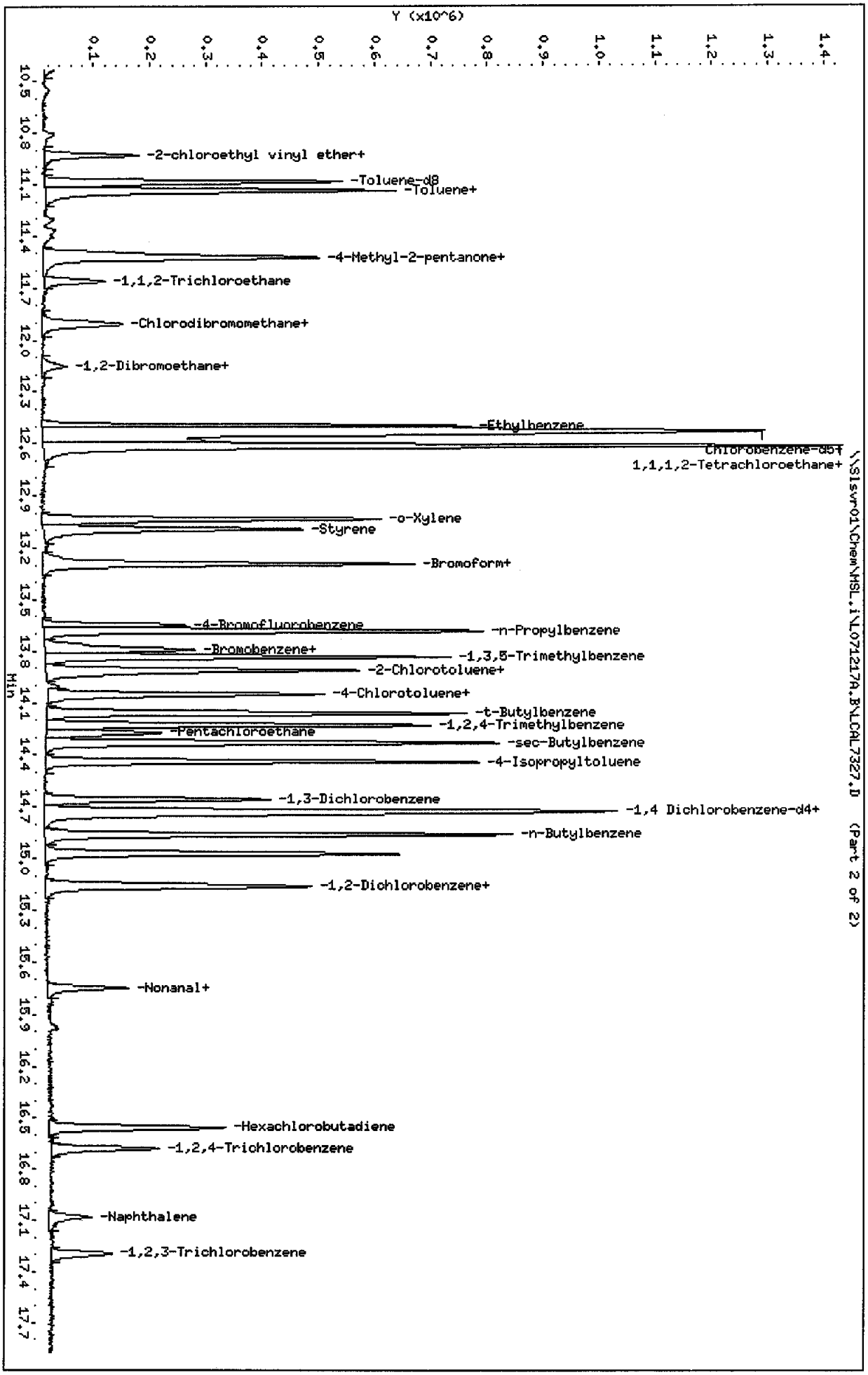
Date : 17-DEC-2007 15:24
Client ID: VSTD4.0
Sample Info: VSTD4.0;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide+
-Acrolein+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-Acetonitrile+
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene
-Xylenes (total)+
-Dibromomethane+
-Bromodichloromethane+



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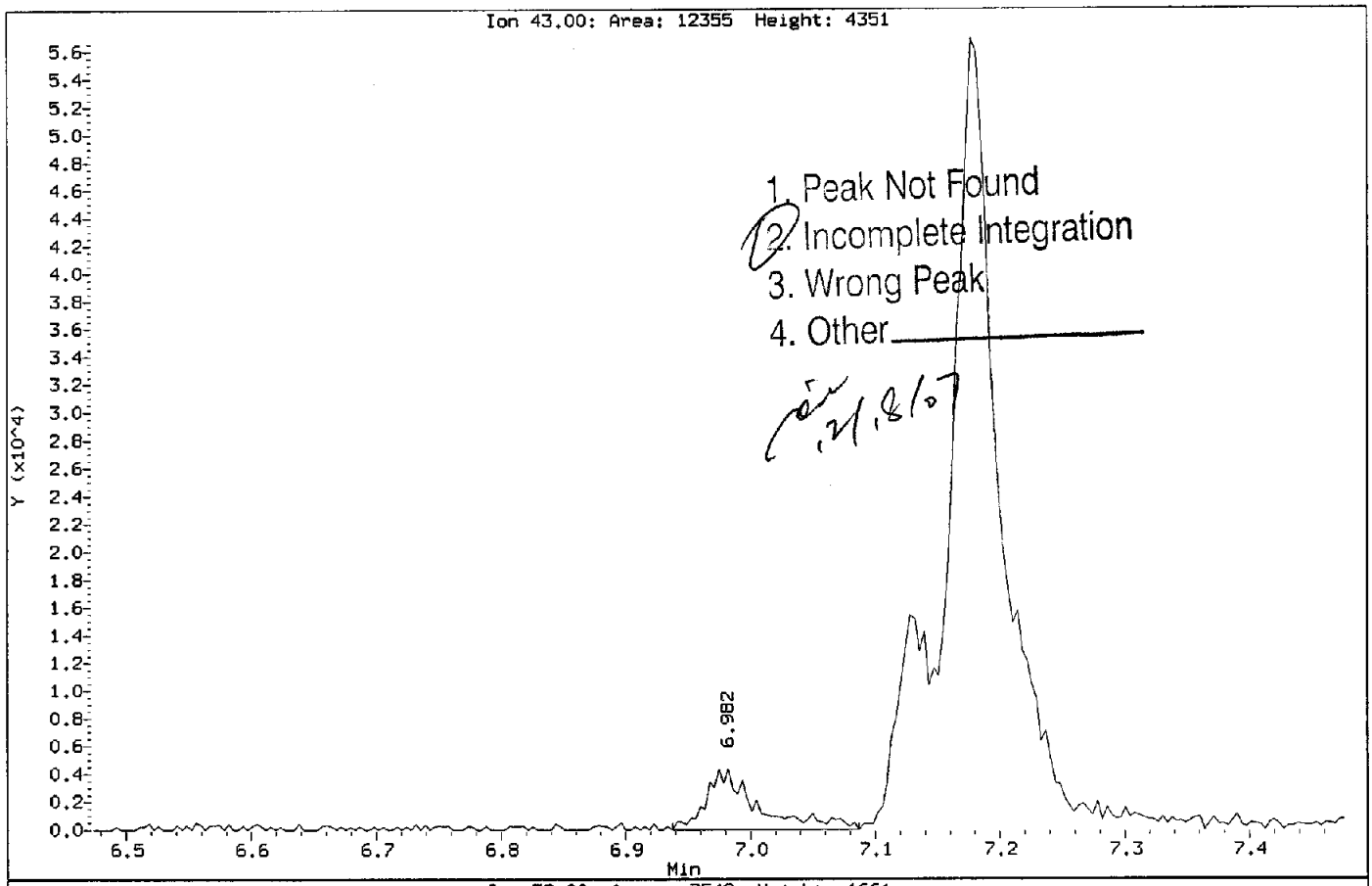
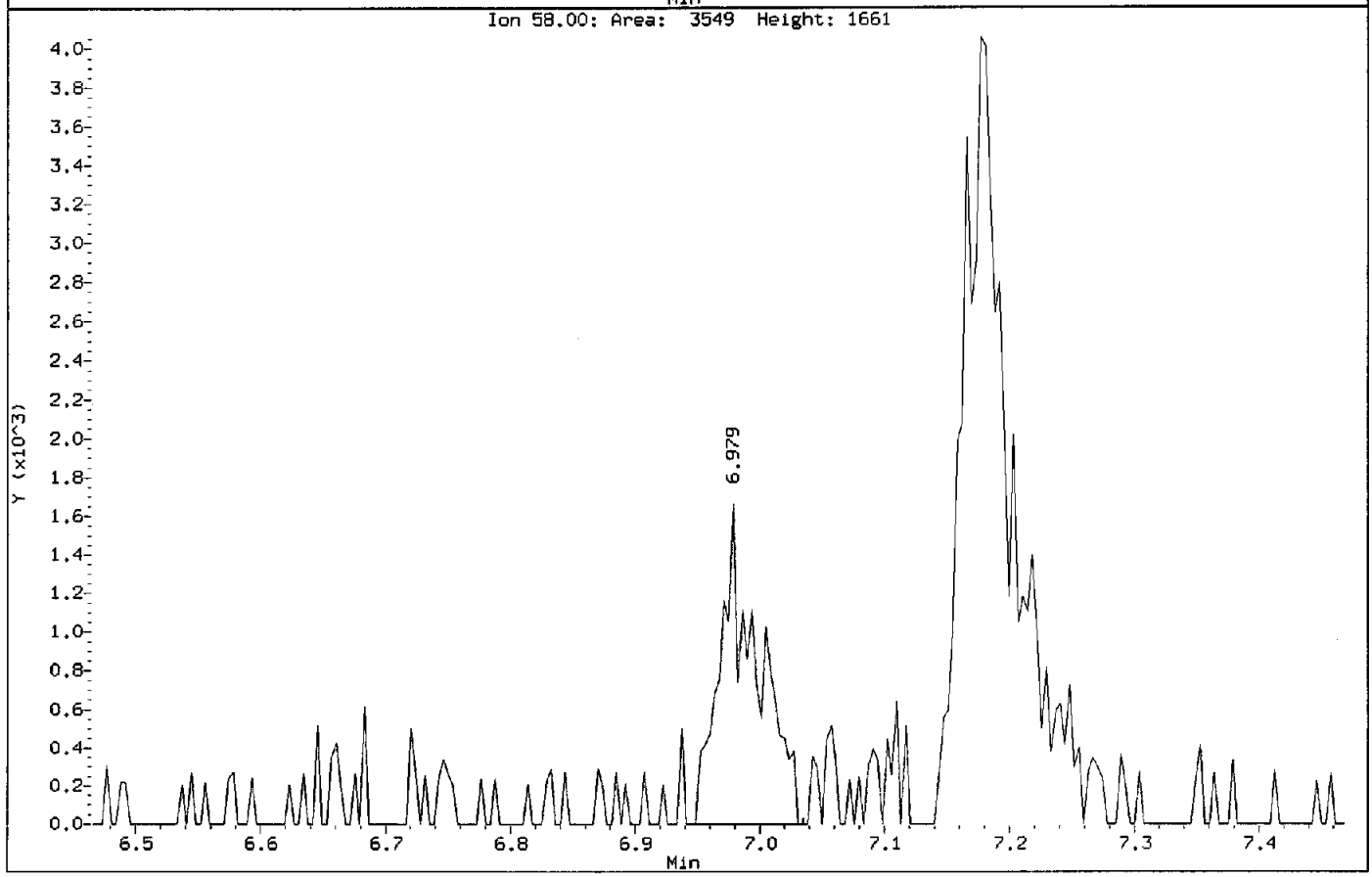
Date : 17-DEC-2007 15:24
Client ID: VSTD4.0
Sample Info: VSTD4.0;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

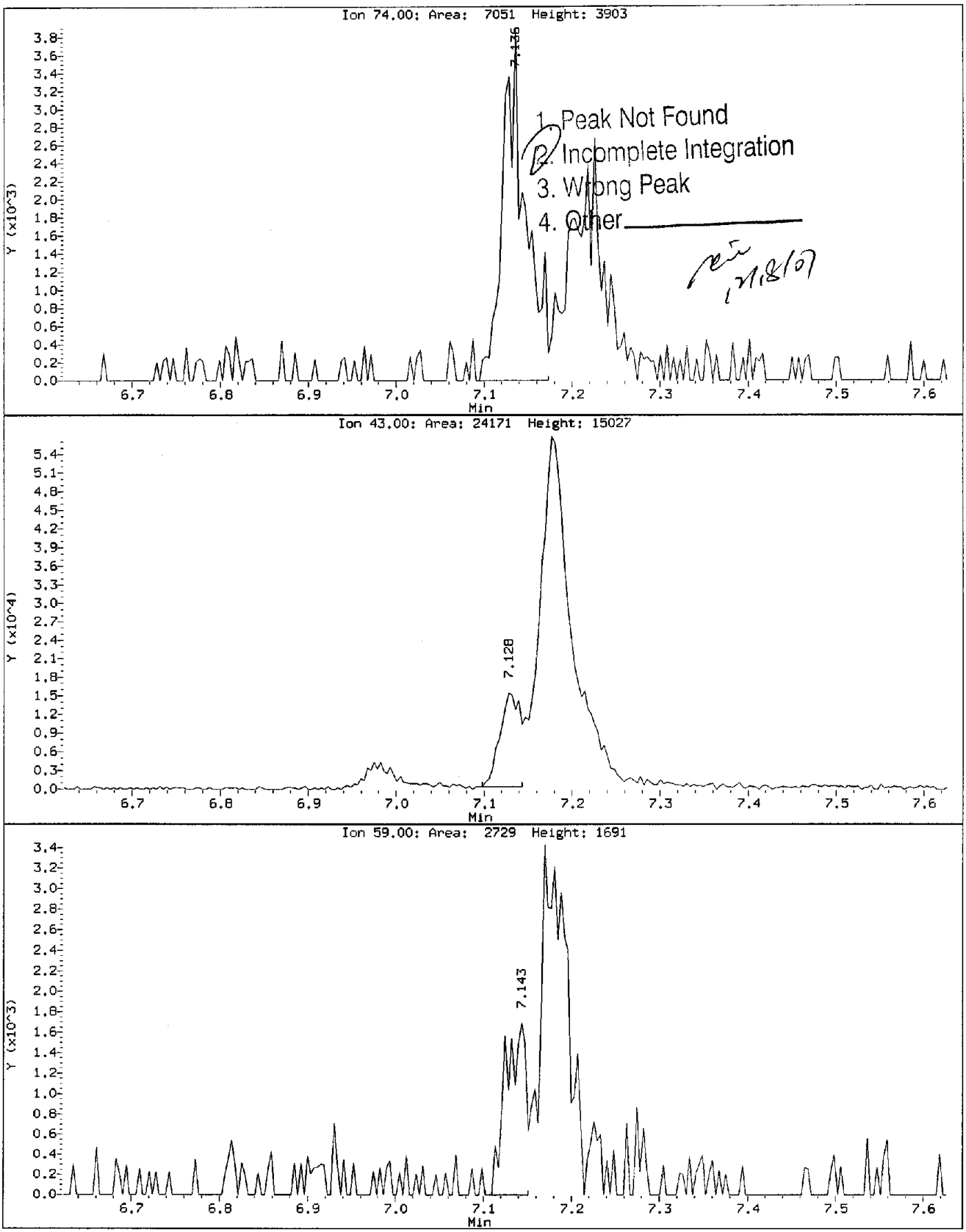
Compound: Acetone
CAS Number: 67-64-1





Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: Methyl Acetate
CAS Number:



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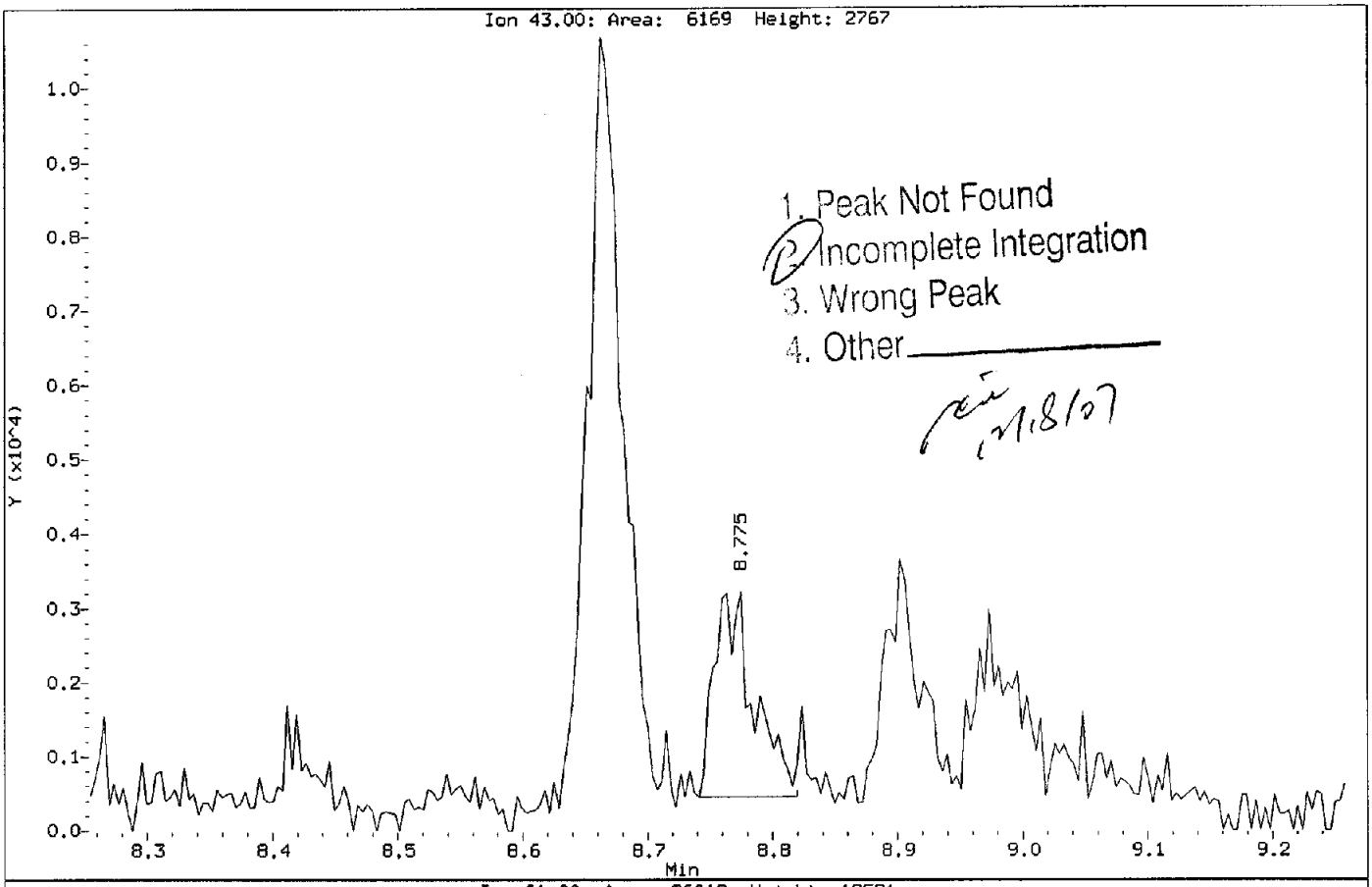
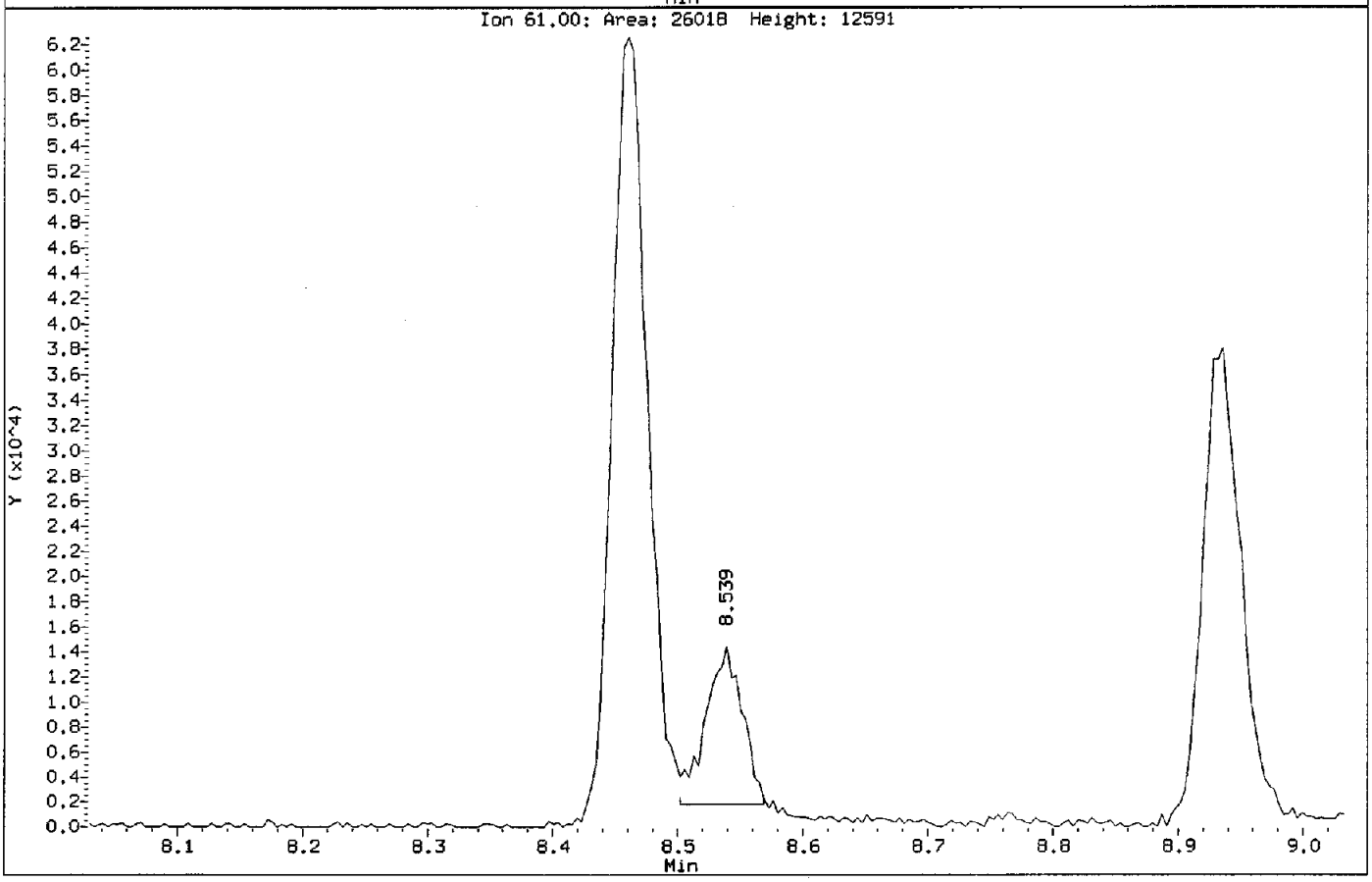
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: Ethyl acetate
CAS Number: 141-78-6





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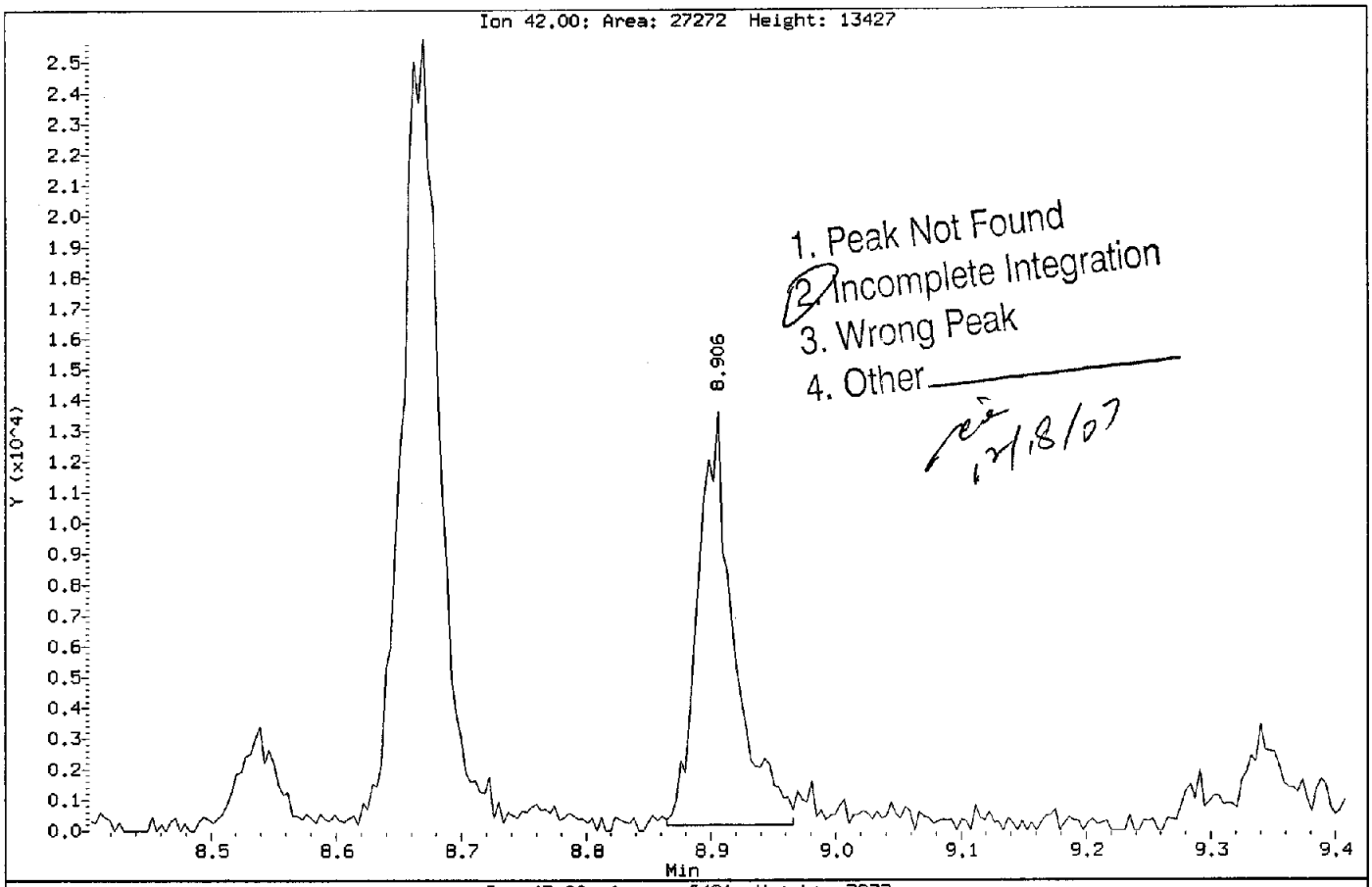
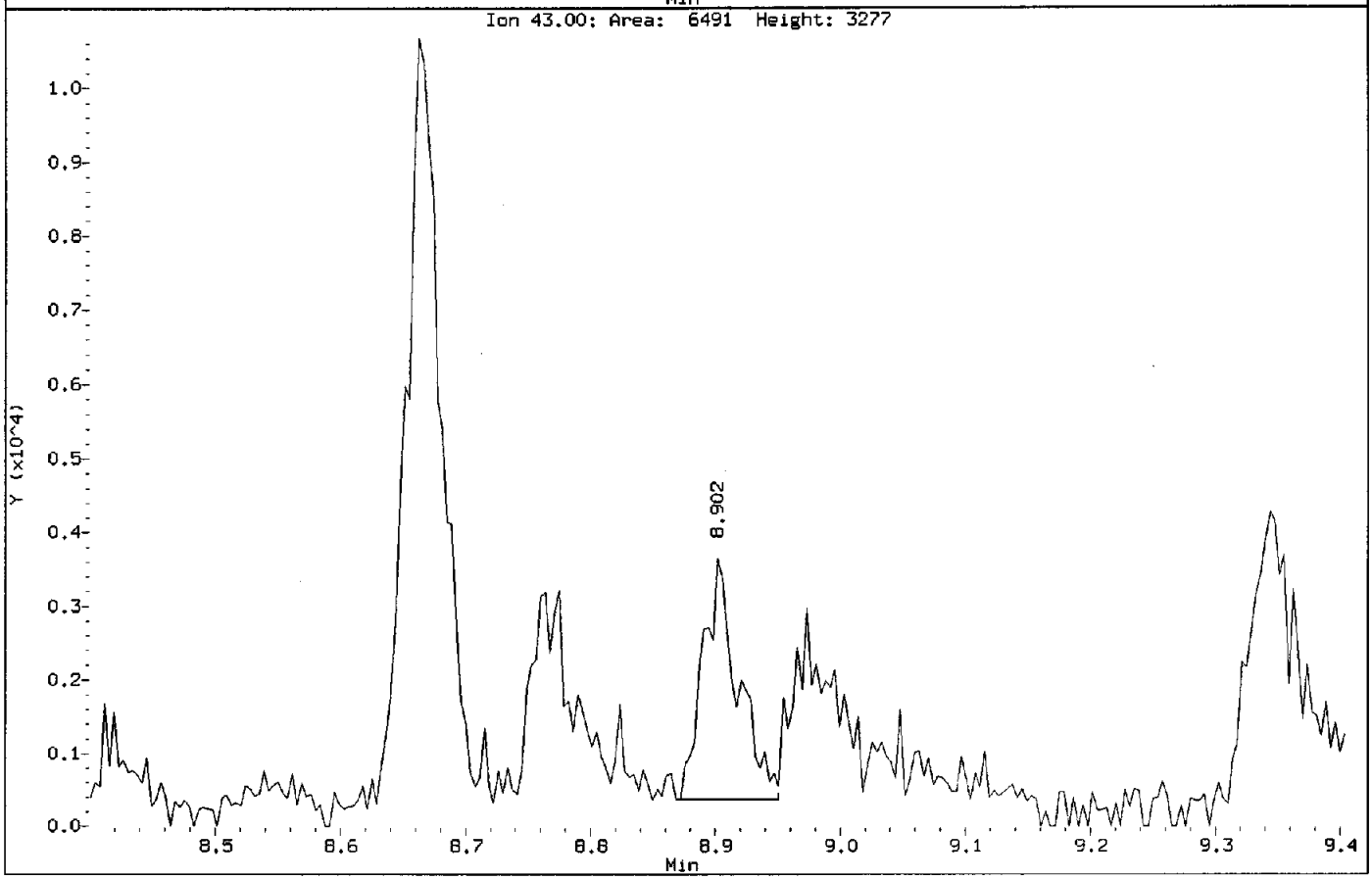
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: Isobutanol
CAS Number: 78-83-1





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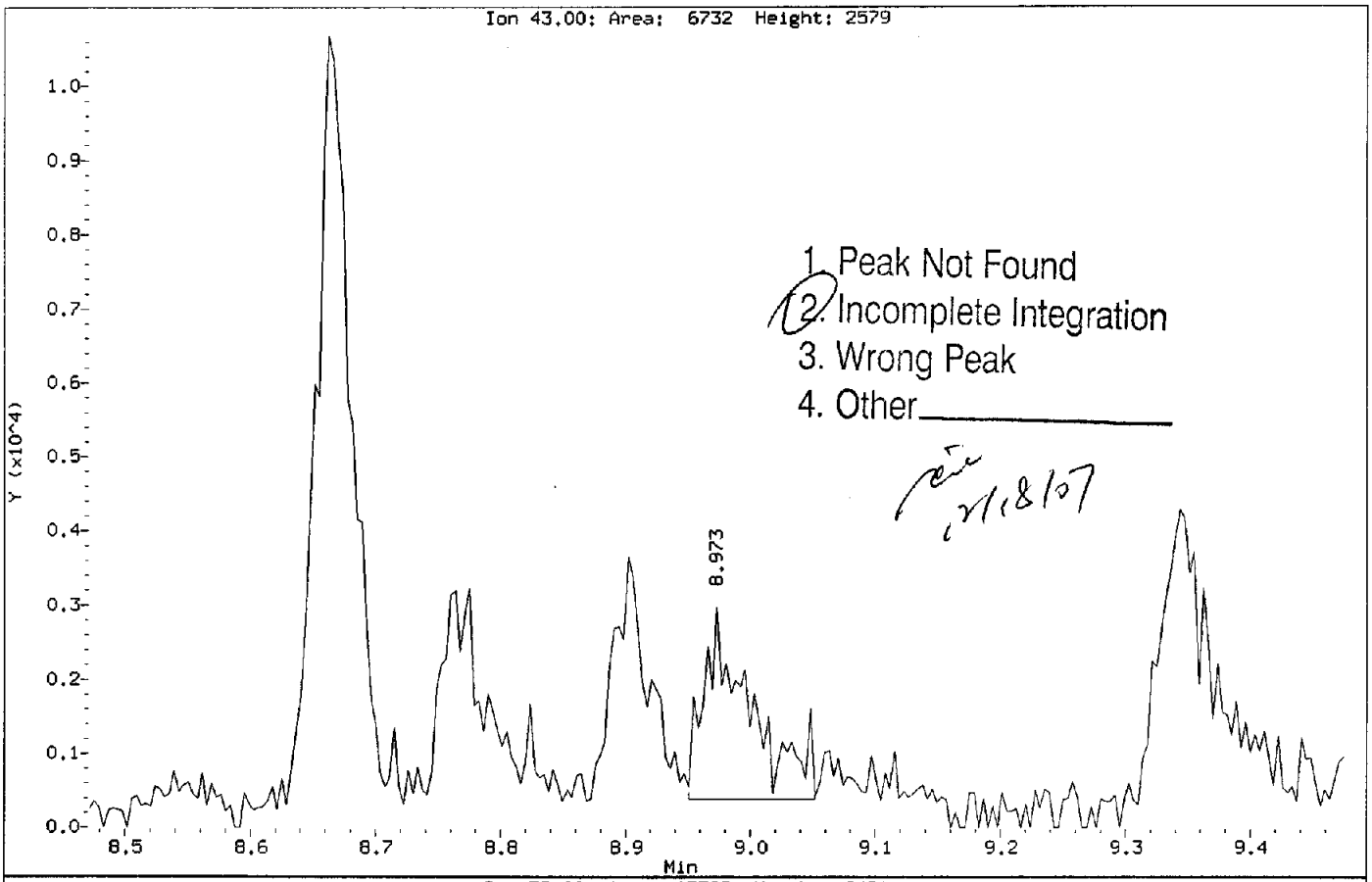
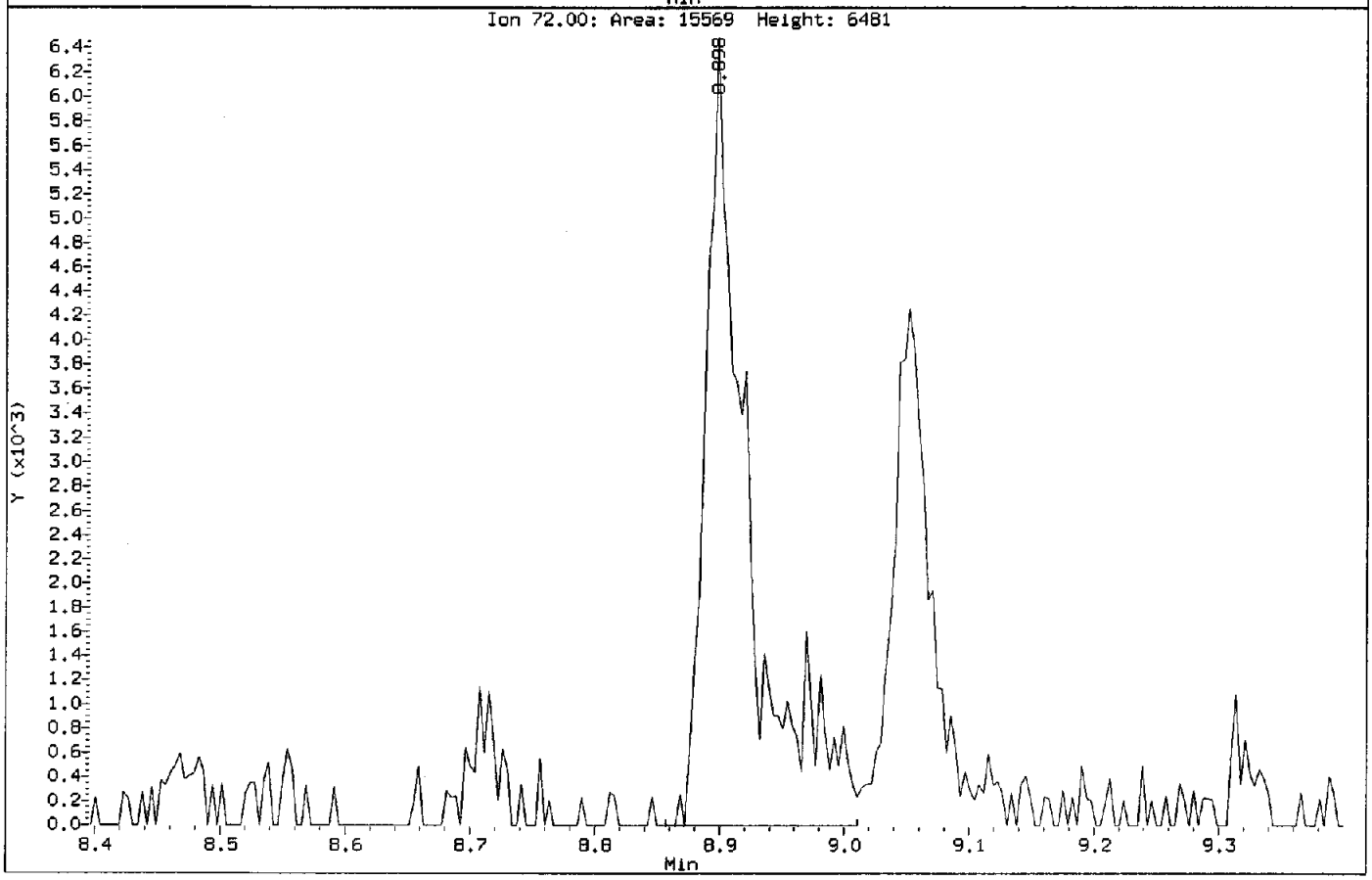
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: 2-Butanone
CAS Number: 78-93-3





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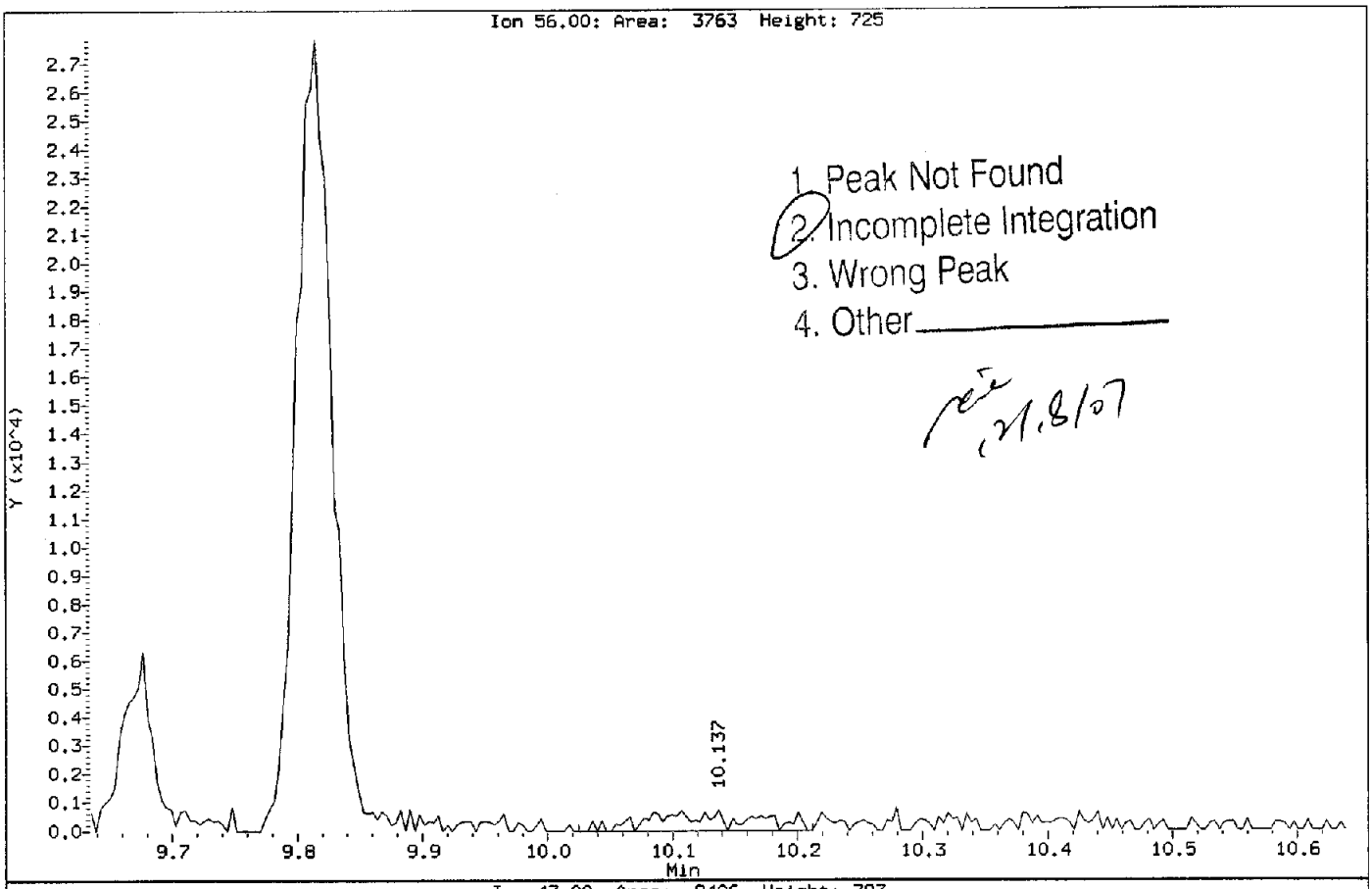
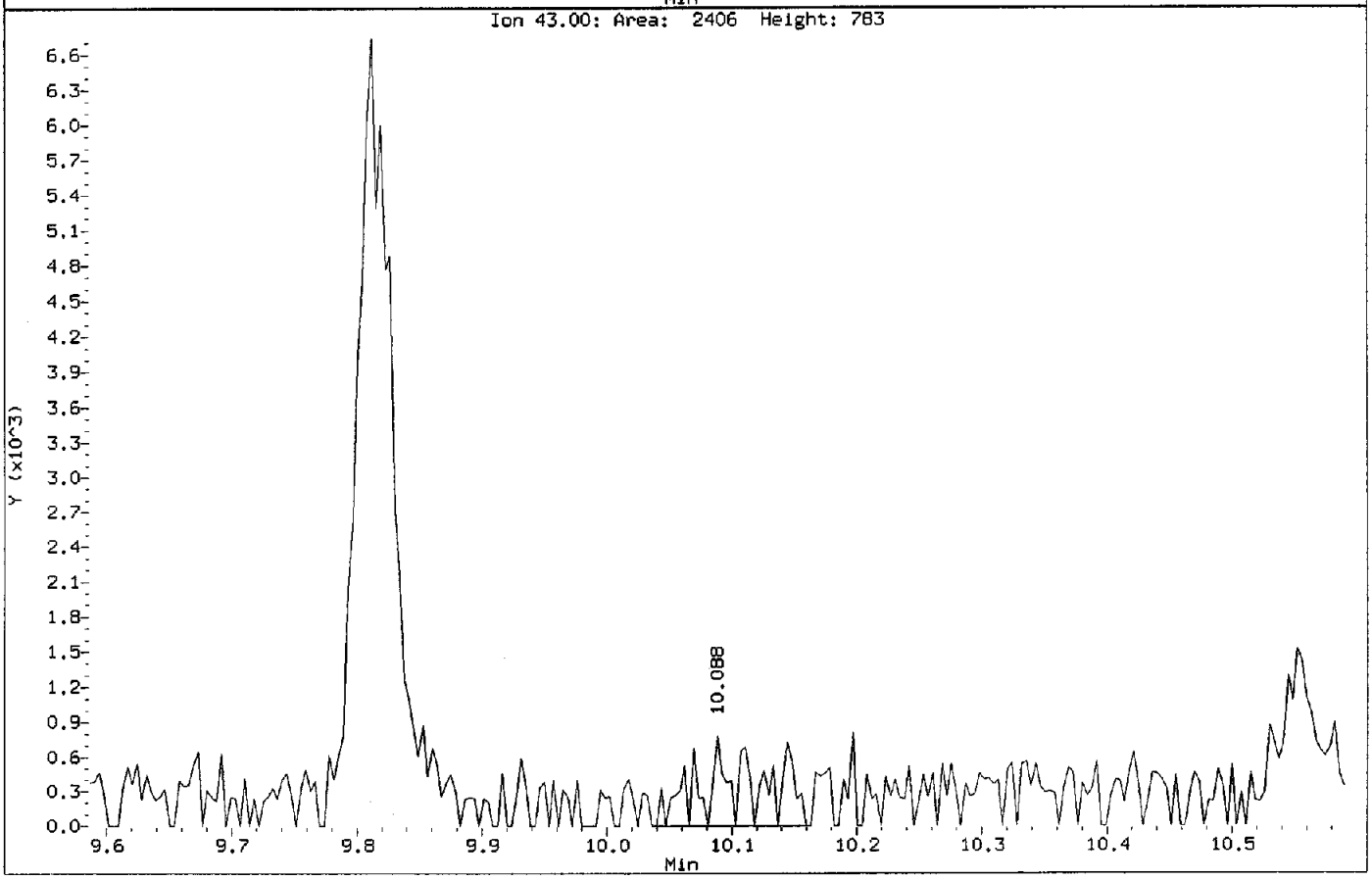
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: n-Butanol
CAS Number: 71-36-3





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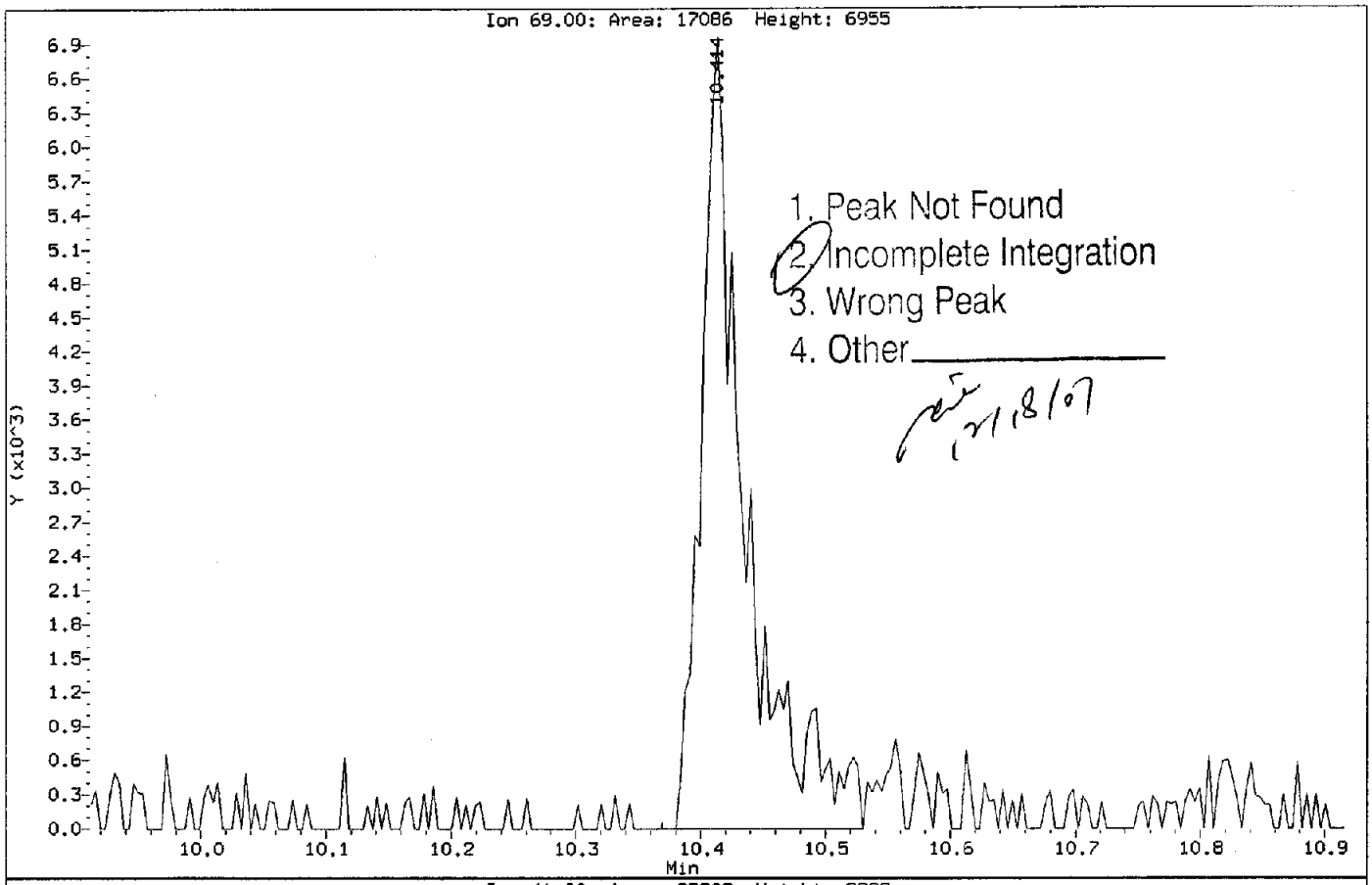
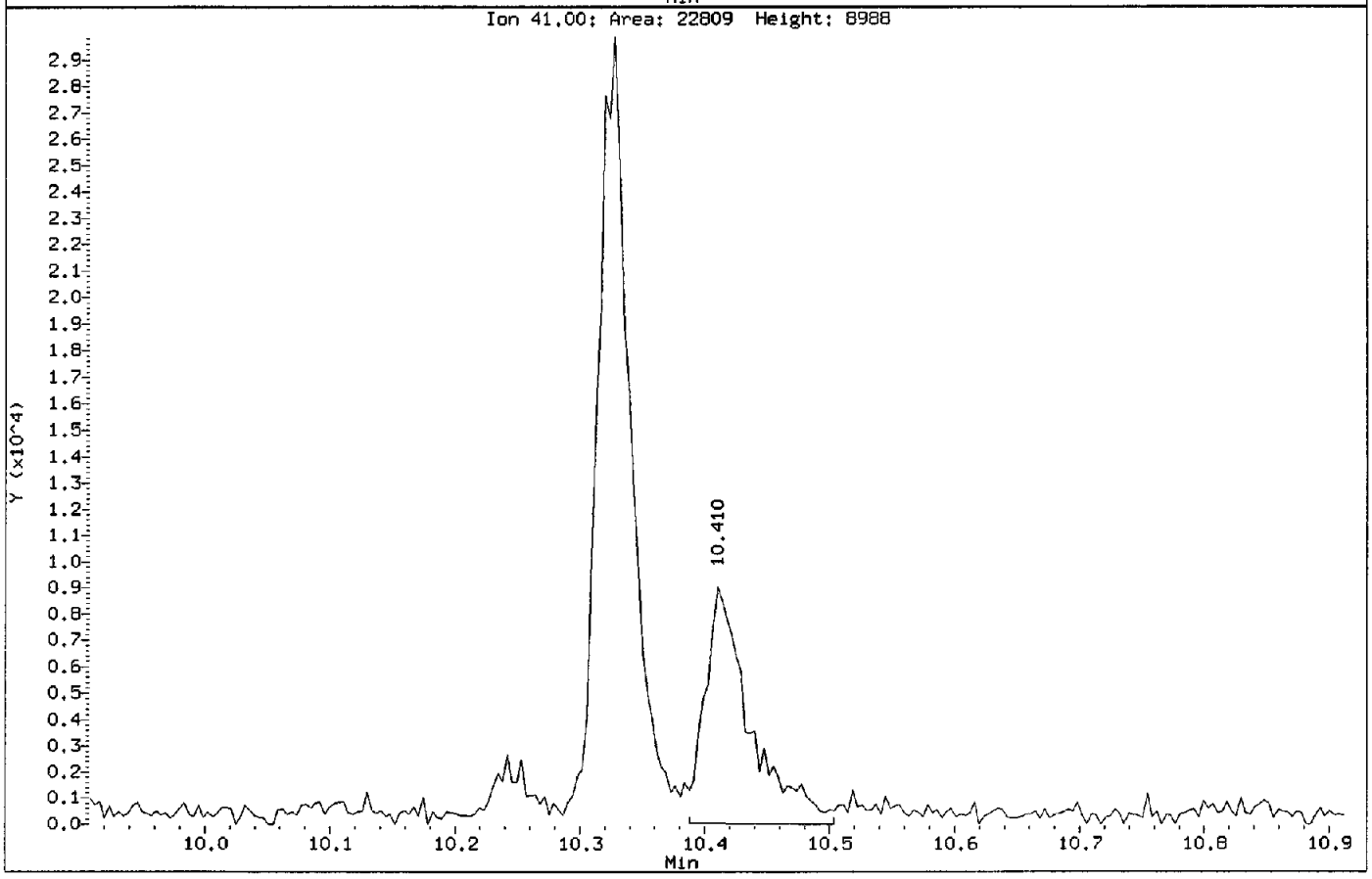
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: Methyl methacrylate
CAS Number: 80-62-6





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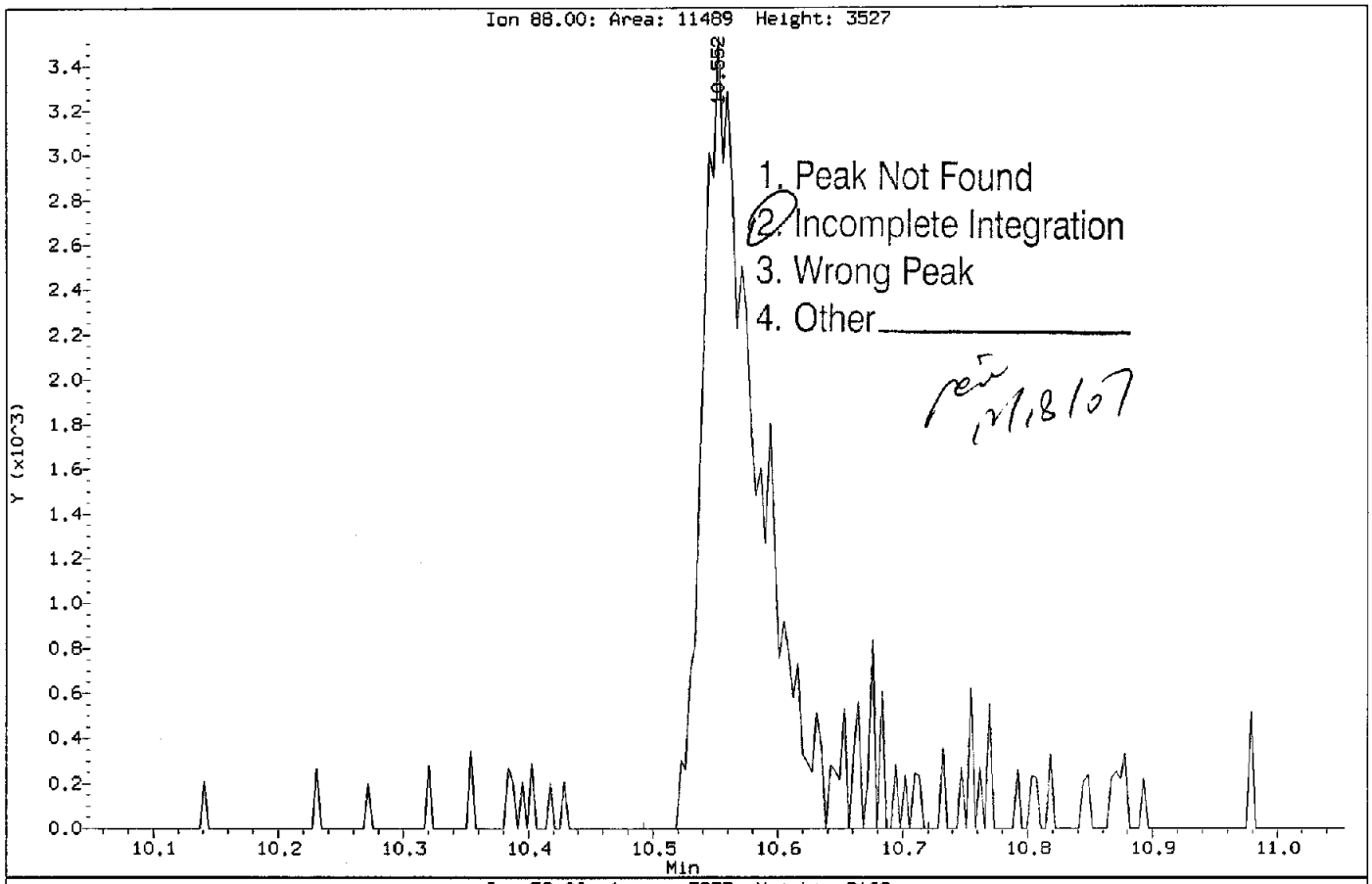
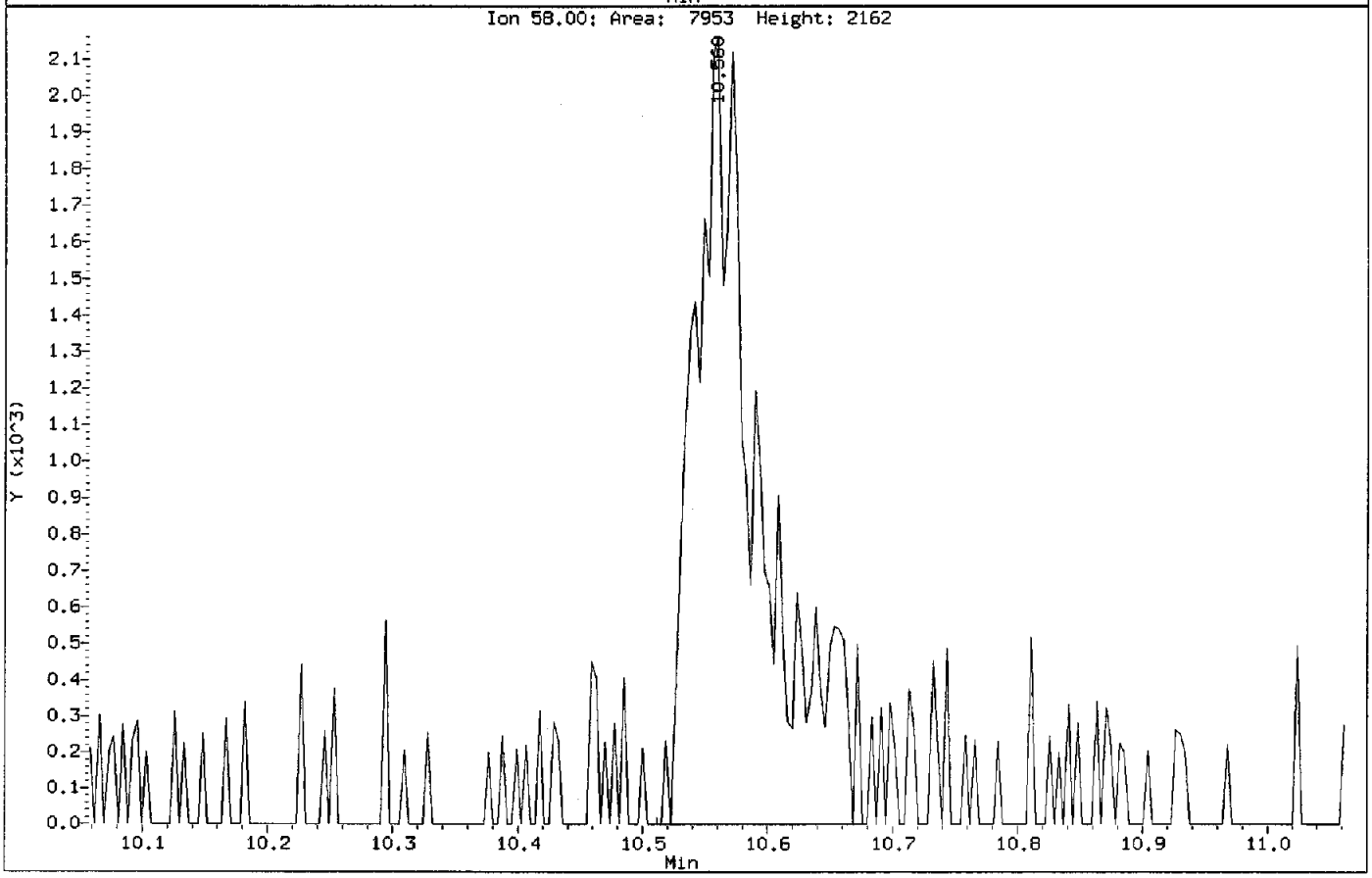
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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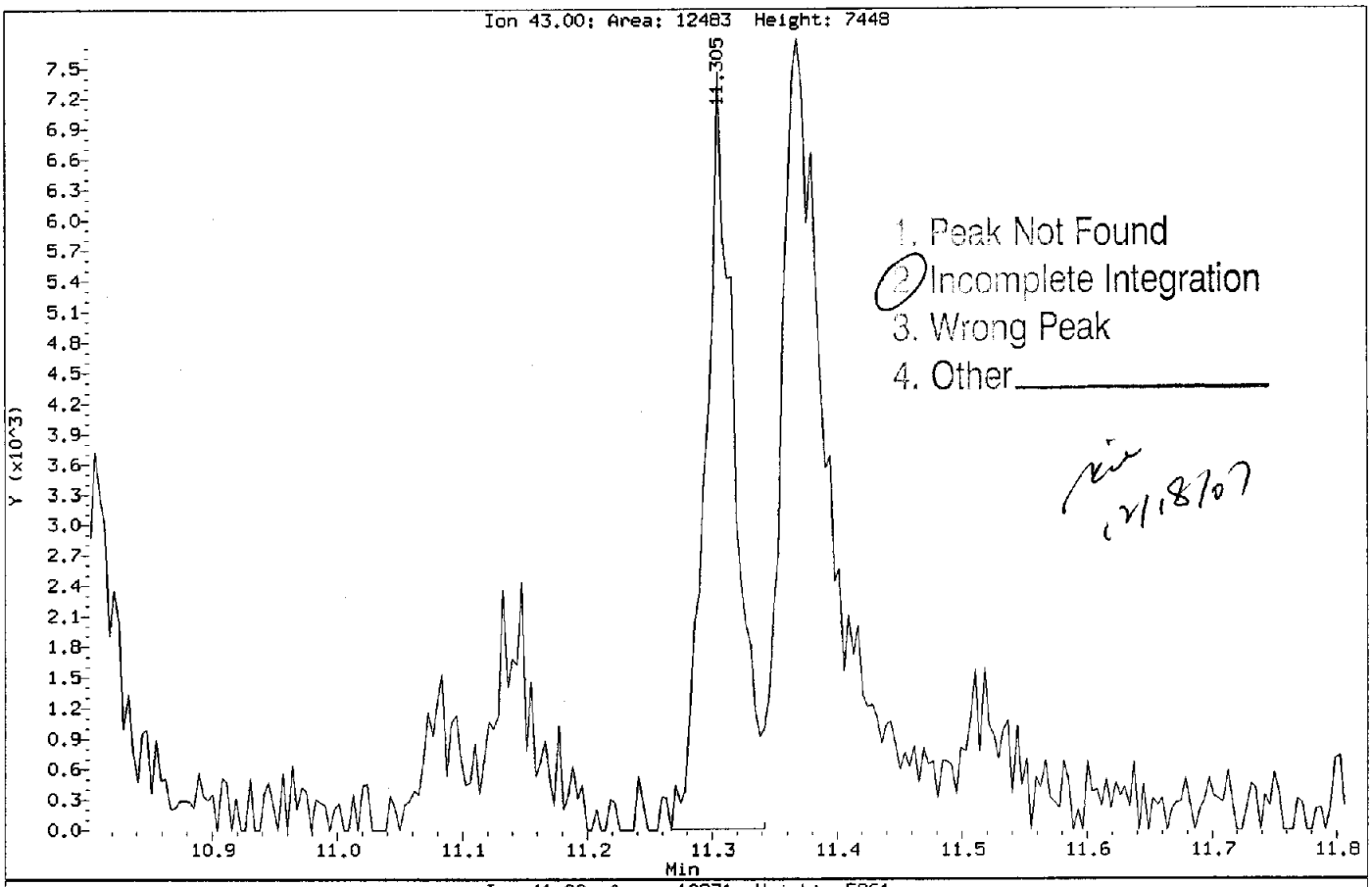
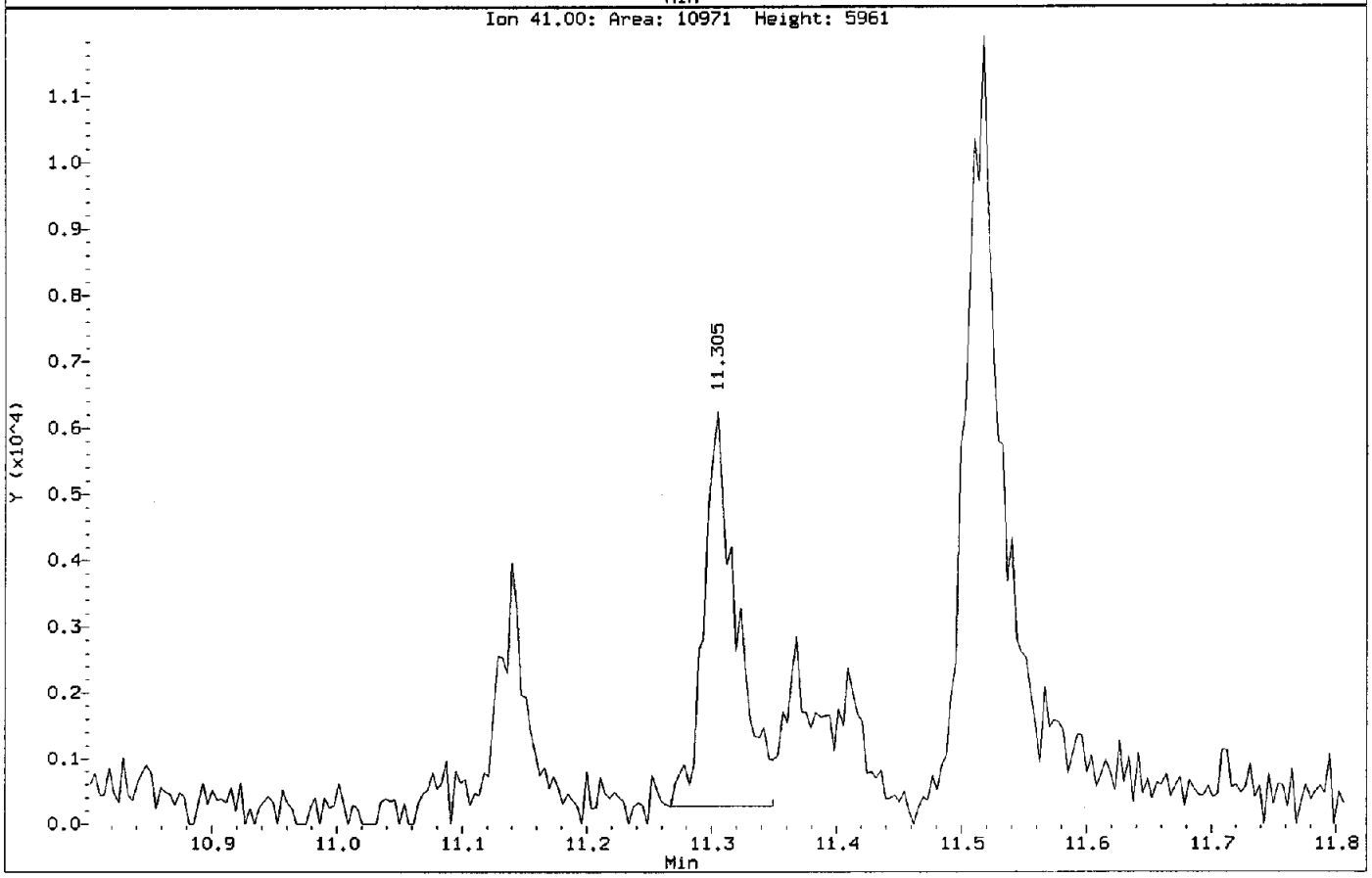
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: 2-Nitro-Propane
CAS Number: 79-46-9





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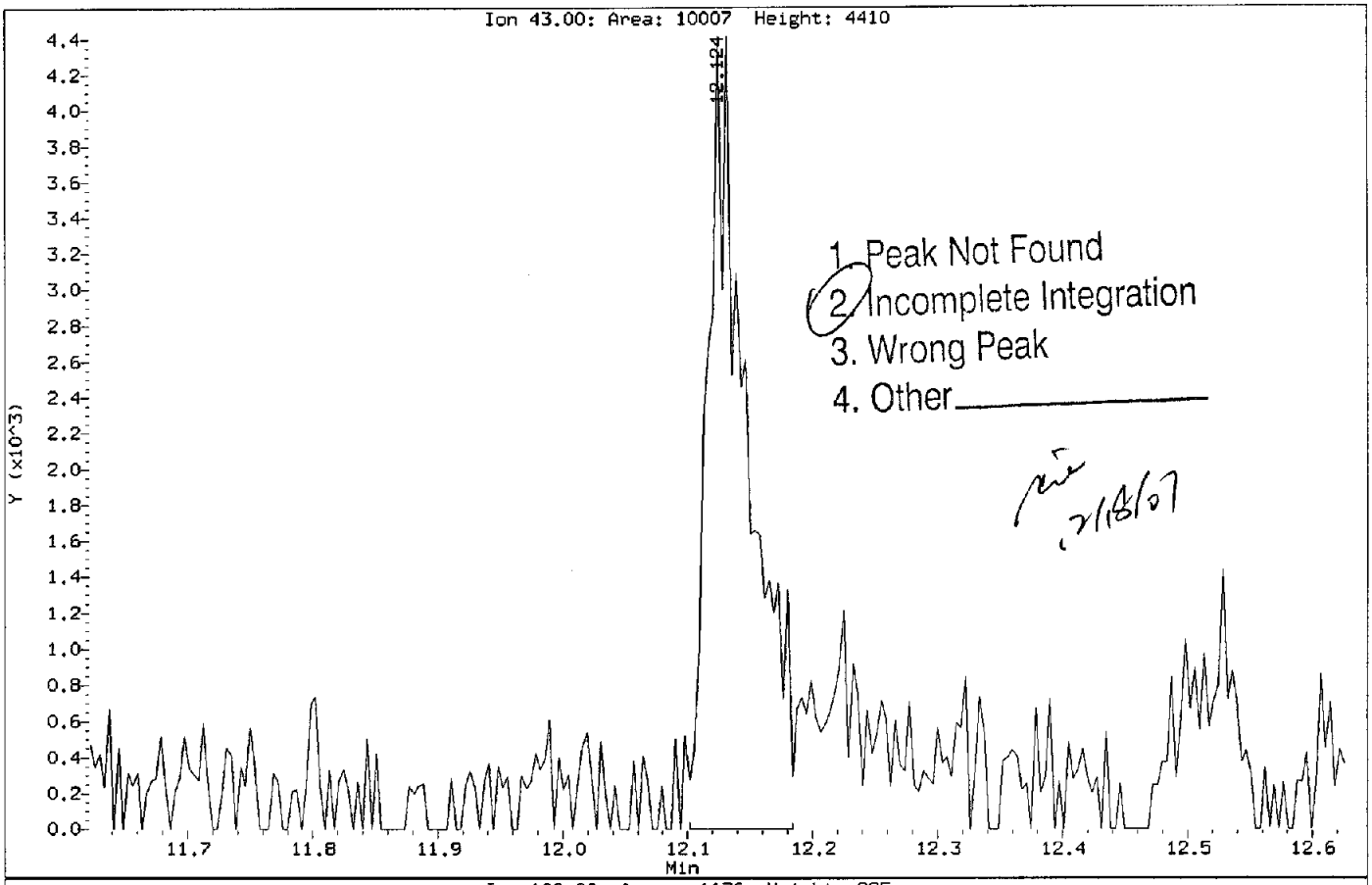
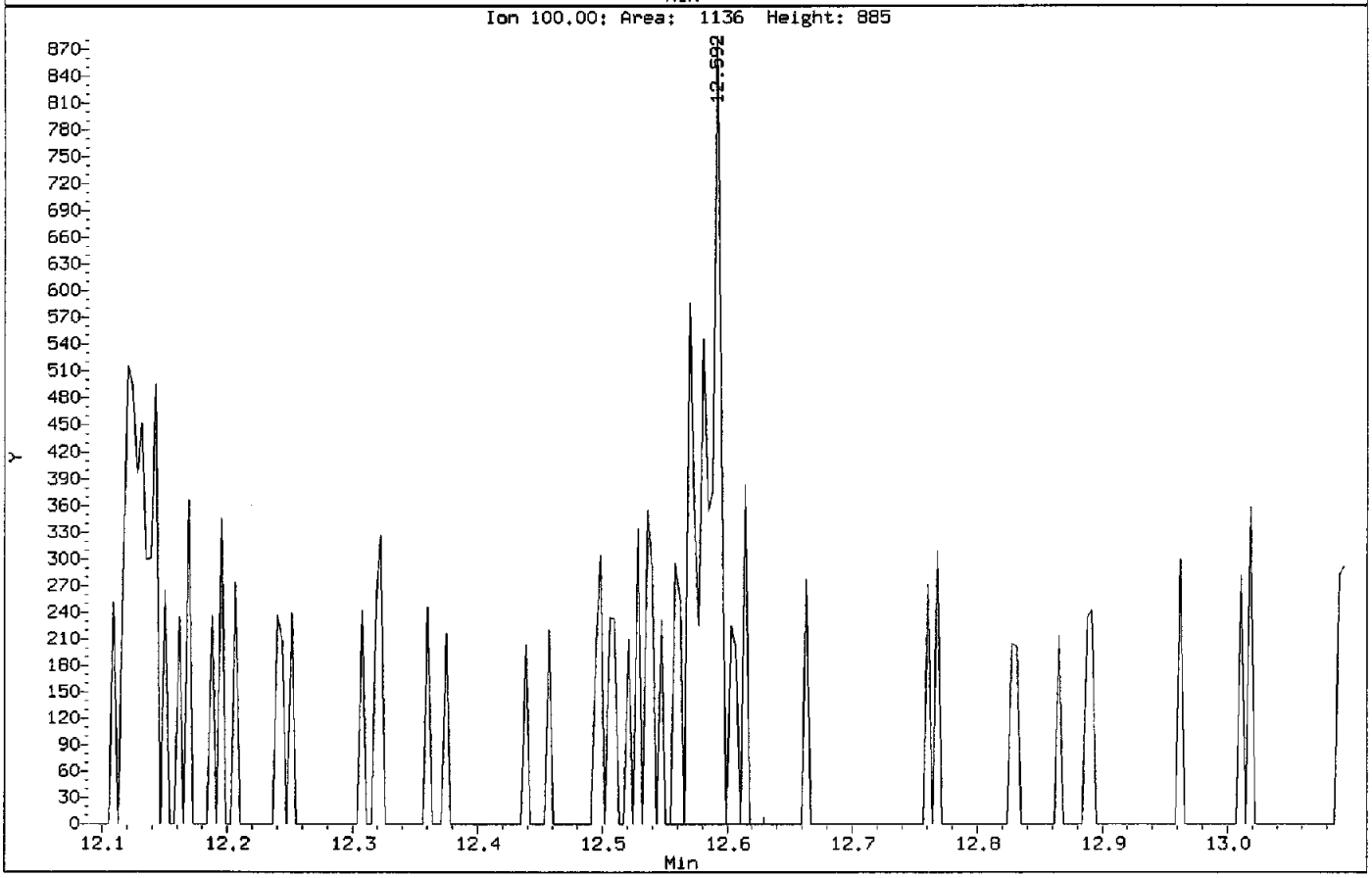
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: 2-Hexanone
CAS Number: 591-78-6





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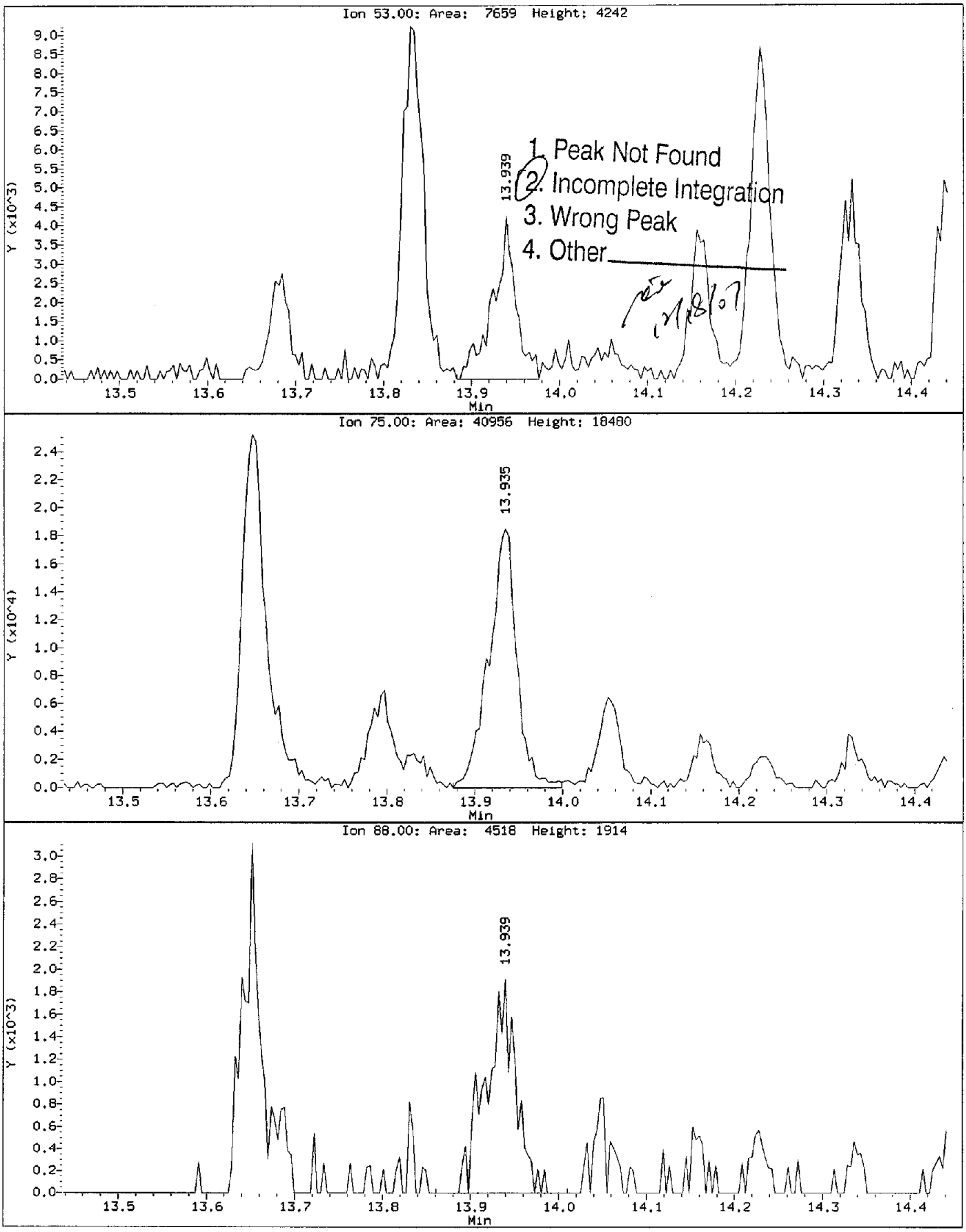
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: trans-1,4-dichloro-2-butene
CAS Number: 110-57-6



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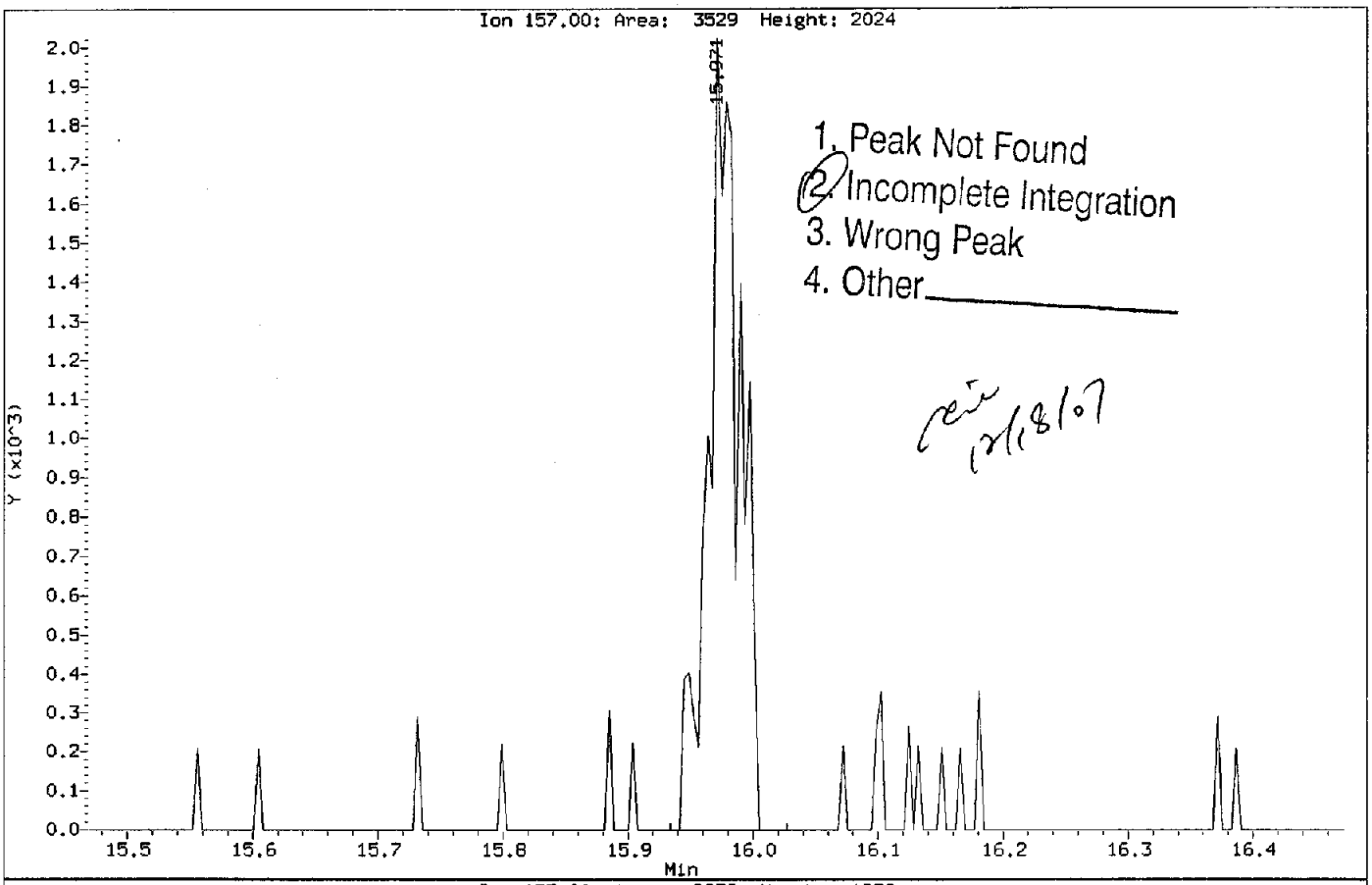
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: 1,2-Dibromo-3-chloropropane
CAS Number: 96-12-8



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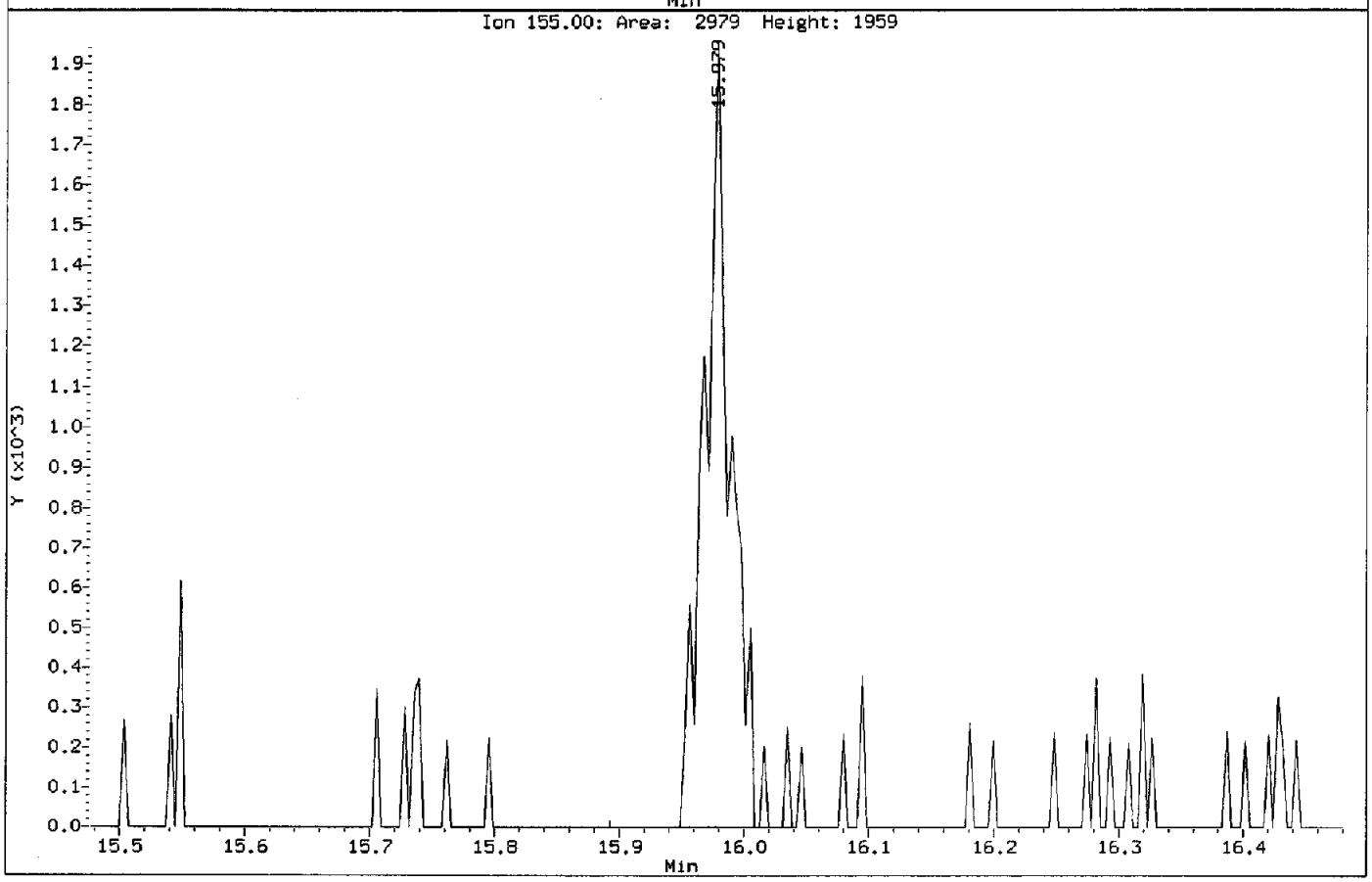
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12/18/07



Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Lab Smp Id: VSTD2.0 Client Smp ID: VSTD2.0
Inj Date : 17-DEC-2007 15:50
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD2.0;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
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Meth Date : 18-Dec-2007 11:25 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 15:50 Cal File: LCAL7328.D
Als bottle: 3 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.461	3.461	(0.358)	64690	2.00000	2.046
	2 Freon-114	135	3.741	3.741	(0.387)	15219	2.00000	2.046(M)
	3 Chloromethane	50	3.906	3.906	(0.404)	111878	2.00000	1.946
	4 Vinyl Chloride	62	4.100	4.100	(0.424)	96275	2.00000	1.978
	5 Bromomethane	94	4.800	4.800	(0.496)	65088	2.00000	1.848
	6 Chloroethane	64	5.029	5.029	(0.520)	52190	2.00000	1.775
	7 Trichlorofluoromethane	101	5.279	5.279	(0.546)	86543	2.00000	2.302
	8 Diethyl ether	59	5.792	5.792	(0.599)	30604	4.00000	3.683
	9 1,1-Dichloroethene	96	6.155	6.155	(0.636)	43470	2.00000	1.845
	10 1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	45168	2.00000	1.897
	11 Carbon Disulfide	76	6.308	6.308	(0.652)	145555	2.00000	1.880
	12 Iodomethane	142	6.443	6.443	(0.666)	13674	2.00000	1.662(M)
	13 Acrolein	56	6.634	6.634	(0.686)	4026	10.0000	12.38(M)
	14 Allyl chloride	39	6.810	6.810	(0.704)	49290	2.00000	1.851
	15 Methylene Chloride	84	6.971	6.971	(0.721)	40859	2.00000	1.859
	16 Acetone	43	6.982	6.982	(0.722)	8241	2.00000	2.919(M)
	17 trans-1,2-Dichloroethene	96	7.180	7.180	(0.742)	52855	2.00000	1.866
	18 n-Hexane	57	7.180	7.180	(0.742)	81668	2.00000	1.633
	19 Methyl Acetate	74	7.124	7.124	(0.737)	4375	2.00000	2.072(M)
	20 MTBE	73	7.221	7.221	(0.747)	49110	2.00000	2.213
M	21 1,2-Dichloroethene (total)	96				98469	4.00000	3.737
	22 Acetonitrile	41	7.584	7.584	(0.784)	7826	10.0000	12.44(M)

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Report Date: 18-Dec-2007 11:25

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	23	Acrylonitrile	53	7.925	7.925	(0.819)	18356	10.0000	8.427
	24	1,1-Dichloroethane	63	7.876	7.876	(0.814)	94323	2.00000	1.890
	25	2-Chloro-1,3-butadiene	53	7.846	7.846	(0.811)	73783	2.00000	1.836
	26	Vinyl acetate	43	8.097	8.097	(0.837)	20723	2.00000	1.641
	27	cis-1,2-Dichloroethene	96	8.464	8.464	(0.875)	45614	2.00000	1.872
	28	2,2-Dichloropropane	77	8.542	8.542	(0.883)	77533	2.00000	1.863
	29	Bromochloromethane	128	8.700	8.700	(0.899)	10852	2.00000	1.918(M)
	30	Cyclohexane	84	8.662	8.662	(0.896)	81013	2.00000	1.850
	31	Chloroform	83	8.711	8.711	(0.901)	73397	2.00000	1.796
	32	Ethyl acetate	43	8.775	8.775	(0.907)	5098	4.00000	4.811(M)
	33	Carbon Tetrachloride	117	8.898	8.898	(0.920)	63621	2.00000	1.905
	34	Isobutanol	42	8.909	8.909	(0.921)	12374	40.0000	42.92(M)
	35	Tetrahydrofuran	71	8.905	8.905	(0.921)	5219	10.0000	9.186
$	36	Dibromofluoromethane	113	8.913	8.913	(0.921)	25588	2.00000	1.748
	37	1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	75513	2.00000	1.880
	38	2-Butanone	43	8.977	8.977	(0.928)	3429	2.00000	1.916(M)
	39	1,1-Dichloropropene	75	9.055	9.055	(0.936)	72755	2.00000	1.868
	40	Benzene	78	9.313	9.313	(0.963)	219555	2.00000	1.922
	41	Propionitrile	54	9.287	9.287	(0.960)	6410	10.0000	9.214(M)
	42	Methacrylonitrile	41	9.291	9.291	(0.961)	32146	10.0000	11.72
$	43	1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	22295	2.00000	1.937
	44	1,2-Dichloroethane	62	9.515	9.515	(0.984)	29284	2.00000	1.909
*	45	Fluorobenzene	96	9.673	9.673	(1.000)	987352	10.0000	
	46	n-Butanol	56	10.167	10.167	(1.051)	1514	20.0000	18.89(M)
	47	Methylcyclohexane	55	9.815	9.815	(1.015)	77297	2.00000	1.865
	48	Trichloroethene	130	9.856	9.856	(1.019)	51973	2.00000	1.878
	49	Dibromomethane	93	10.313	10.313	(1.066)	9630	2.00000	1.949(M)
	50	1,2-Dichloropropane	63	10.328	10.328	(1.068)	42336	2.00000	1.956
	51	Bromodichloromethane	83	10.391	10.391	(1.074)	37686	2.00000	1.814
M	52	Xylenes (total)	106				266289	6.00000	5.263
	53	Methyl methacrylate	69	10.421	10.421	(1.077)	7218	2.00000	1.774(M)
	54	1,4-Dioxane	88	10.552	10.552	(1.091)	7552	40.0000	42.59(M)
	55	2-chloroethyl vinyl ether	63	10.814	10.814	(1.118)	5084	2.00000	1.899(M)
	56	cis-1,3-Dichloropropene	75	10.930	10.930	(1.130)	39505	2.00000	1.842
$	57	Toluene-d8	98	11.087	11.087	(0.885)	157145	2.00000	1.830
	58	Toluene	91	11.143	11.143	(0.889)	219495	2.00000	1.823
	59	2-Nitro-Propane	43	11.315	11.315	(0.903)	6535	2.00000	2.390(M)
	60	4-Methyl-2-pentanone	43	11.372	11.372	(0.907)	10381	2.00000	2.032(M)
	61	trans-1,3-Dichloropropene	75	11.503	11.503	(0.918)	28031	2.00000	1.956
	62	Tetrachloroethene	164	11.525	11.525	(0.920)	47812	2.00000	2.442
	63	Ethyl methacrylate	69	11.521	11.521	(0.919)	11137	2.00000	2.253
	64	1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	16057	2.00000	1.902
	65	Chlorodibromomethane	129	11.896	11.896	(0.949)	16095	2.00000	1.884
	66	1,3-Dichloropropane	76	11.911	11.911	(0.950)	30311	2.00000	1.852
	67	1,2-Dibromoethane	107	12.157	12.157	(0.970)	10046	2.00000	1.590
	68	2-Hexanone	43	12.135	12.135	(0.968)	6511	2.00000	2.564(M)
	69	Ethylbenzene	106	12.506	12.506	(0.998)	78017	2.00000	1.805
*	70	Chlorobenzene-d5	117	12.532	12.532	(1.000)	574420	10.0000	
	71	Chlorobenzene	112	12.550	12.550	(1.001)	112538	2.00000	1.827
	72	1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	29983	2.00000	1.817
	73	m,p-Xylenes	106	12.614	12.614	(1.007)	188932	4.00000	3.463
	74	o-Xylene	106	13.037	13.037	(1.040)	77357	2.00000	1.800
	75	Styrene	104	13.097	13.097	(1.045)	129200	2.00000	2.128
	76	Bromoform	173	13.261	13.261	(0.901)	5798	2.00000	1.815(M)

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	77 Isopropylbenzene	105	13.295	13.295	(0.903)	213001	2.00000	1.899
$	78 4-Bromofluorobenzene	95	13.651	13.651	(0.927)	37255	2.00000	1.909
	79 n-Propylbenzene	91	13.681	13.681	(0.929)	298139	2.00000	1.909
	80 Bromobenzene	156	13.797	13.797	(0.937)	29946	2.00000	1.886
	81 1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	15558	2.00000	1.929
	82 1,3,5-Trimethylbenzene	105	13.834	13.834	(0.940)	176255	2.00000	1.856
	83 2-Chlorotoluene	91	13.913	13.913	(0.945)	142961	2.00000	1.918
	84 1,2,3-Trichloropropane	110	13.939	13.939	(0.947)	4099	2.00000	1.966
	85 trans-1,4-dichloro-2-butene	53	13.950	13.950	(0.948)	3738	2.00000	2.178(M)
	86 4-Chlorotoluene	91	14.055	14.055	(0.955)	133890	2.00000	1.923
	87 Cyclohexanone	55	14.017	14.017	(0.952)	5638	20.0000	19.37
	88 t-Butylbenzene	119	14.160	14.160	(0.962)	161108	2.00000	1.898
	89 Pentachloroethane	167	14.272	14.272	(0.969)	10430	2.00000	1.697
	90 1,2,4-Trimethylbenzene	105	14.231	14.231	(0.967)	168564	2.00000	1.830
	91 sec-Butylbenzene	105	14.332	14.332	(0.974)	261083	2.00000	1.874
	92 4-Isopropyltoluene	119	14.440	14.440	(0.981)	197910	2.00000	1.871
	93 1,3-Dichlorobenzene	146	14.661	14.661	(0.996)	71139	2.00000	1.945
*	94 1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	198582	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.740	(1.001)	71073	2.00000	1.971
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	213163	2.00000	1.893
	98 1,2-Dichlorobenzene	146	15.170	15.170	(1.031)	50320	2.00000	1.860
	99 1,2-Dibromo-3-chloropropane	157	15.978	15.978	(1.085)	1459	2.00000	1.932
	100 Hexachlorobutadiene	225	16.555	16.555	(1.125)	21982	2.00000	2.066
	101 1,2,4-Trichlorobenzene	180	16.686	16.686	(1.133)	23714	2.00000	1.943
	102 Naphthalene	128	17.086	17.086	(1.161)	26508	2.00000	1.870
	103 1,2,3-Trichlorobenzene	180	17.299	17.299	(1.175)	13924	2.00000	2.038
	143 Nonanal	57	15.750	15.750	(1.628)	7663	2.00000	2.414(M)
$	158 1,2-Dichlorobenzene-d4	150	15.155	15.155	(1.029)	50574	2.00000	1.979

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

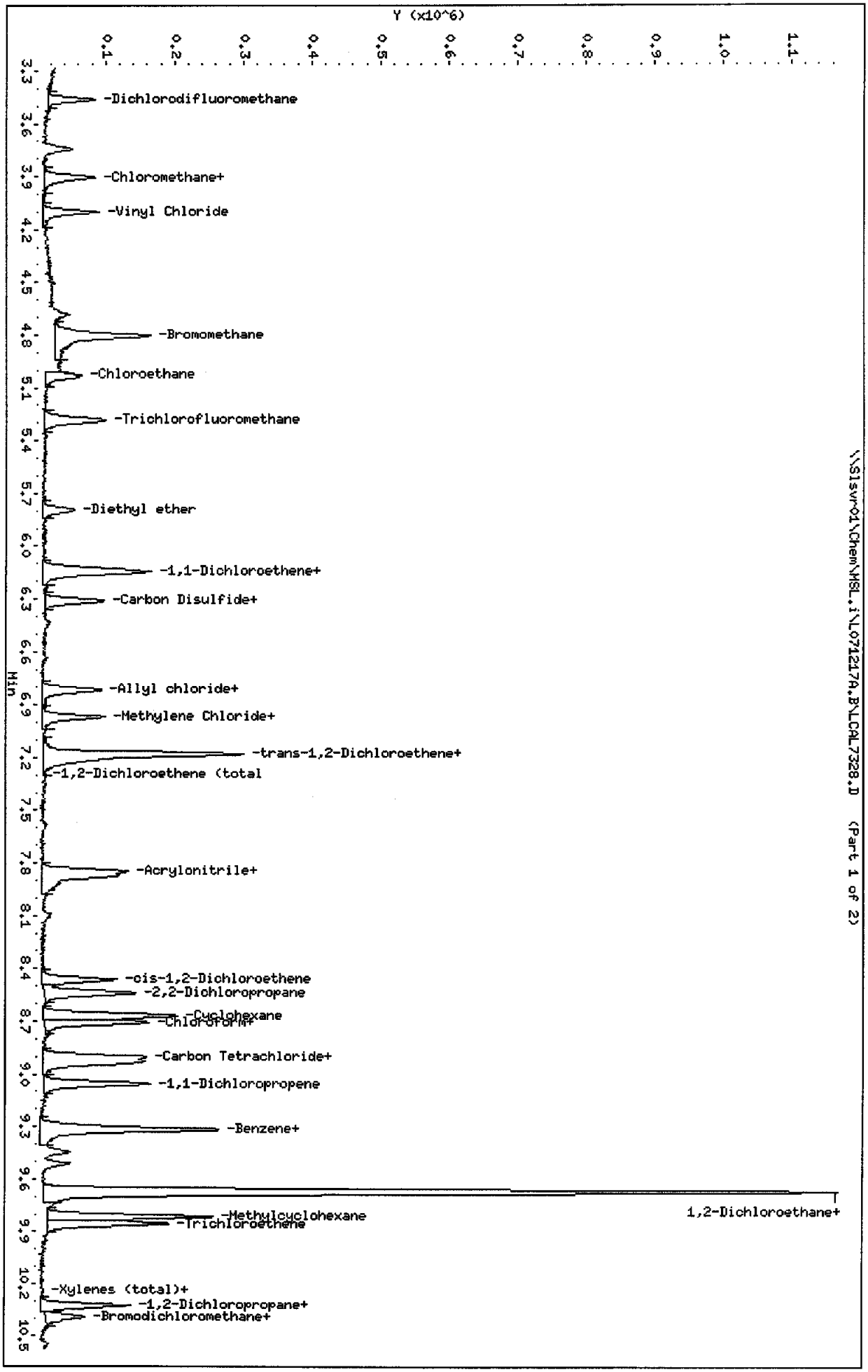
Instrument ID: MSL.i
Lab File ID: LCAL7328.D
Lab Smp Id: VSTD2.0
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD2.0
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	987352	0.35
70 Chlorobenzene-d5	563731	281866	1127462	574420	1.90
94 1,4 Dichlorobenze	211084	105542	422168	198582	-5.92

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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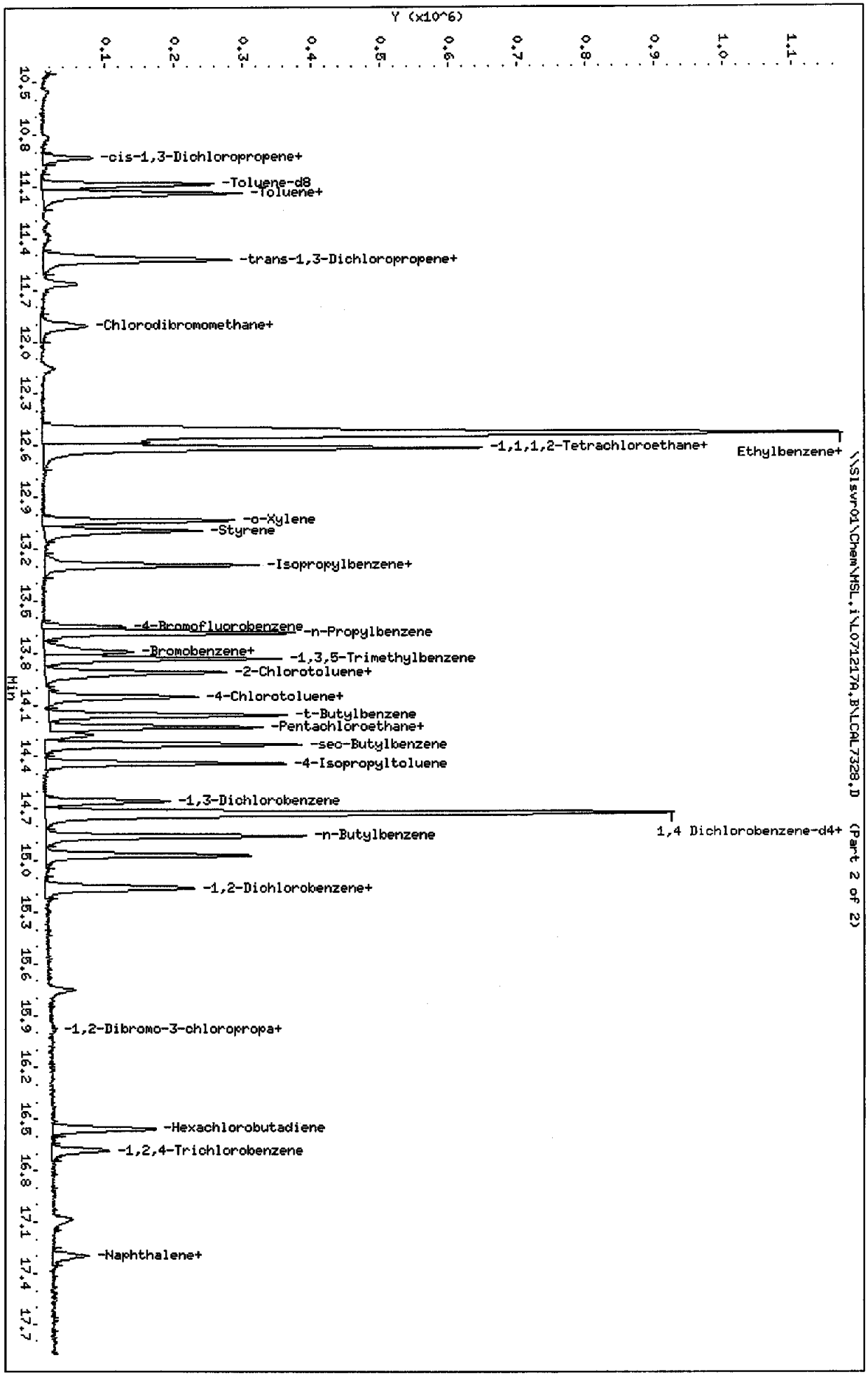
Date : 17-DEC-2007 15:50
Client ID: VSTD2.0
Sample Info: VSTD2.0;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
Min
3.3
3.6
3.9
4.2
4.5
4.8
5.1
5.4
5.7
6.0
6.3
6.6
6.9
7.2
7.5
7.8
8.1
8.4
8.7
9.0
9.3
9.6
9.9
10.2
10.5
-Dichlorodifluoromethane
-Chloromethane+
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide+
-Allyl chloride+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-Acrylonitrile+
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Chloroform+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
1,2-Dichloroethane+
-Methylcyclohexane
-Trichloroethene
-Xylenes (total)+
-1,2-Dichloropropane+
-Bromodichloromethane+
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D (Part 1 of 2)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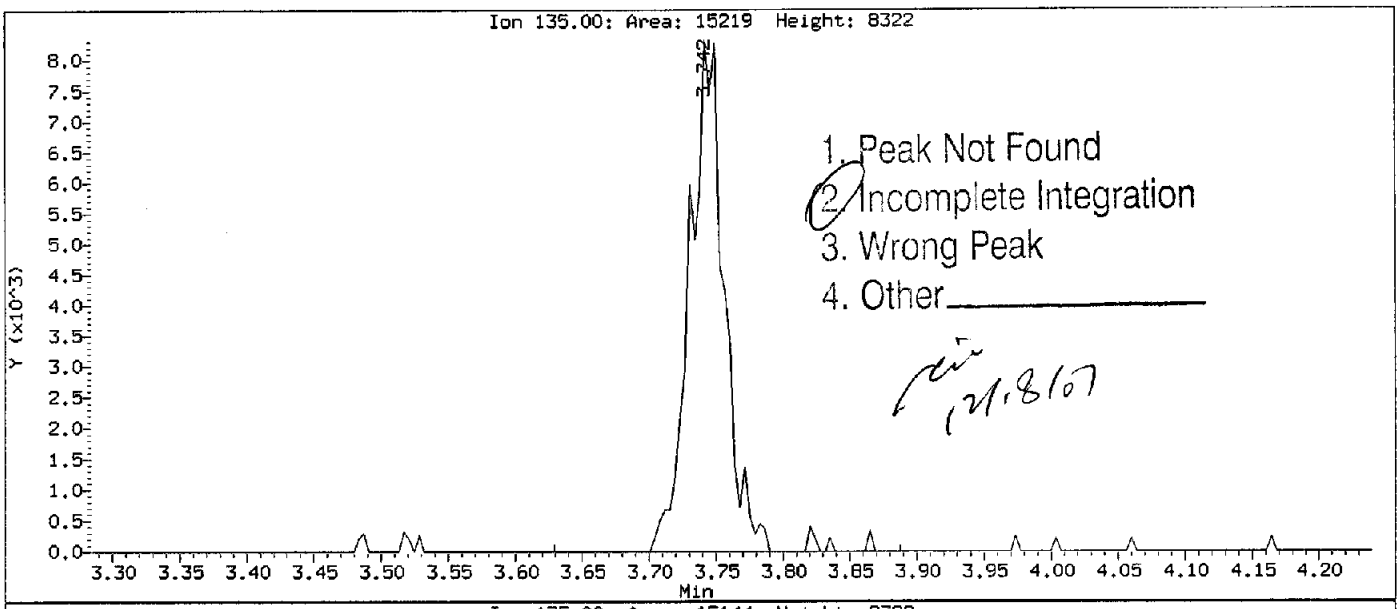
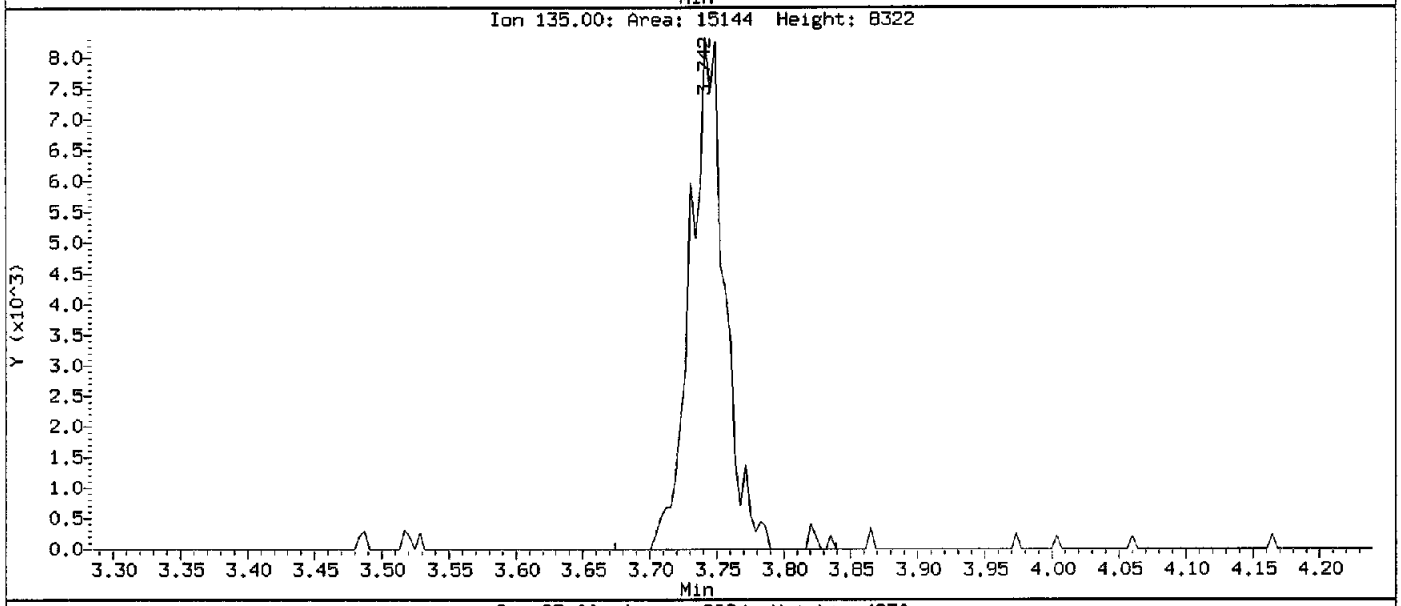
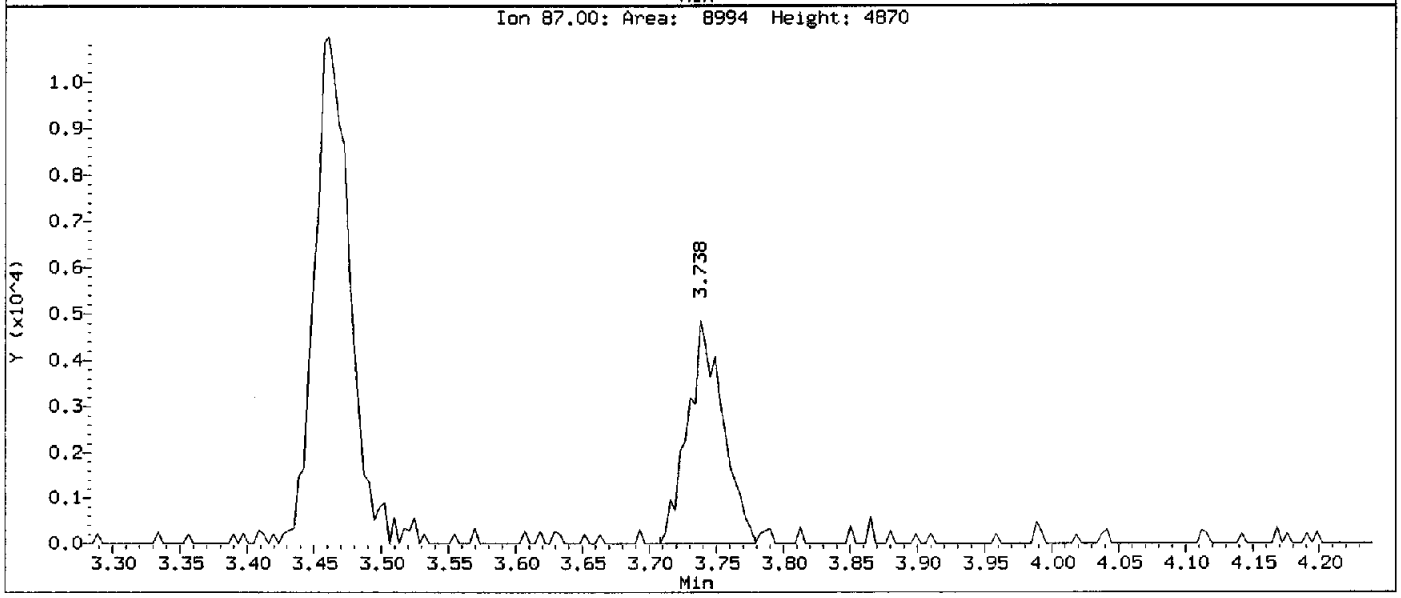
Date : 17-DEC-2007 15:50
Client ID: VSTD2.0
Sample Info: VSTD2.0;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
10.5
10.8
11.1
11.4
11.7
12.0
12.3
12.6
12.9
13.2
13.5
13.8
14.1
14.4
14.7
15.0
15.3
15.6
15.9
16.2
16.5
16.8
17.1
17.4
17.7
Min
-cis-1,3-Dichloropropene+
-Toluene-d8
-Toluene+
-trans-1,3-Dichloropropene+
-Chlorodibromomethane+
-1,1,1,2-Tetrachloroethane+
Ethylbenzene+
-o-Xylene
-Styrene
-Isopropylbenzene+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-4-Chlorotoluene+
-t-Butylbenzene
-Pentachloroethane+
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene+
-1,2-Dibromo-3-chloropropa+
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene+
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D (Part 2 of 2)

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Freon-114
CAS Number: 374-07-2







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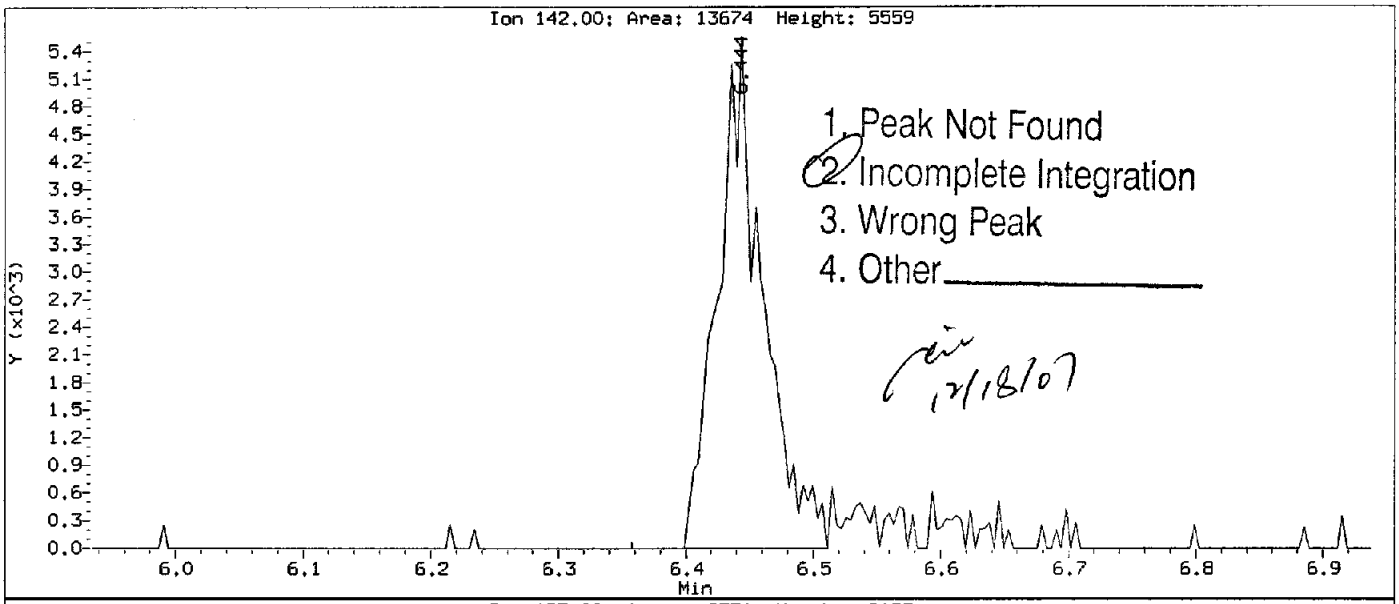
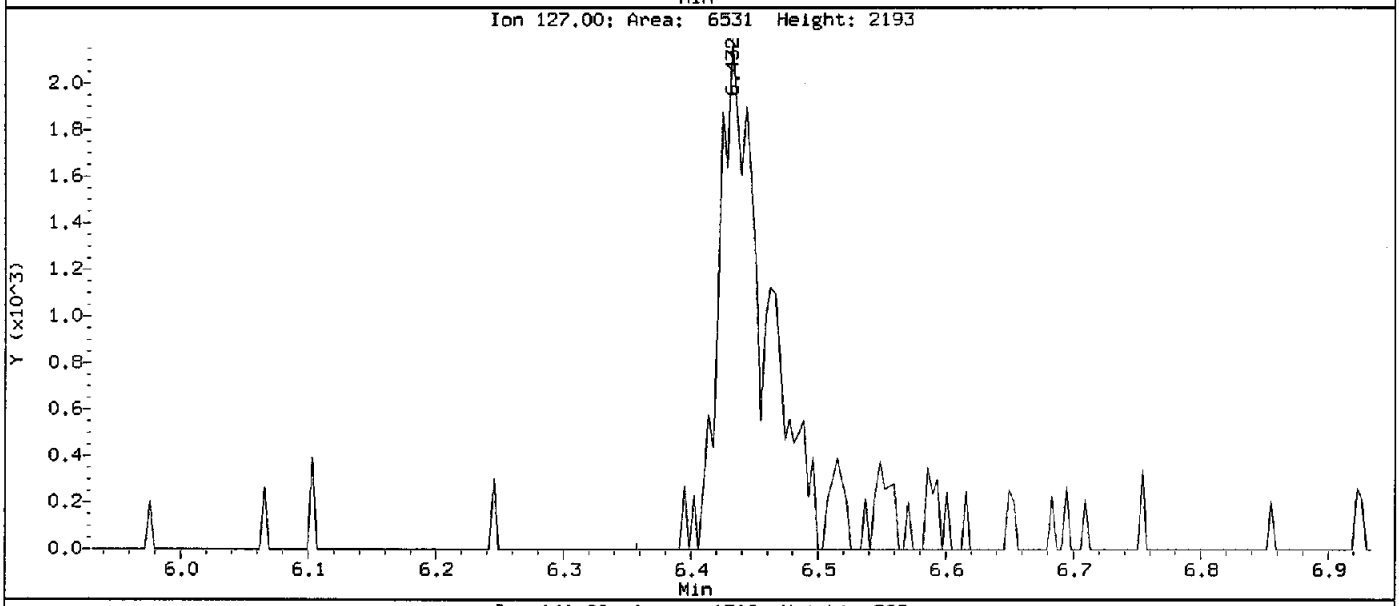
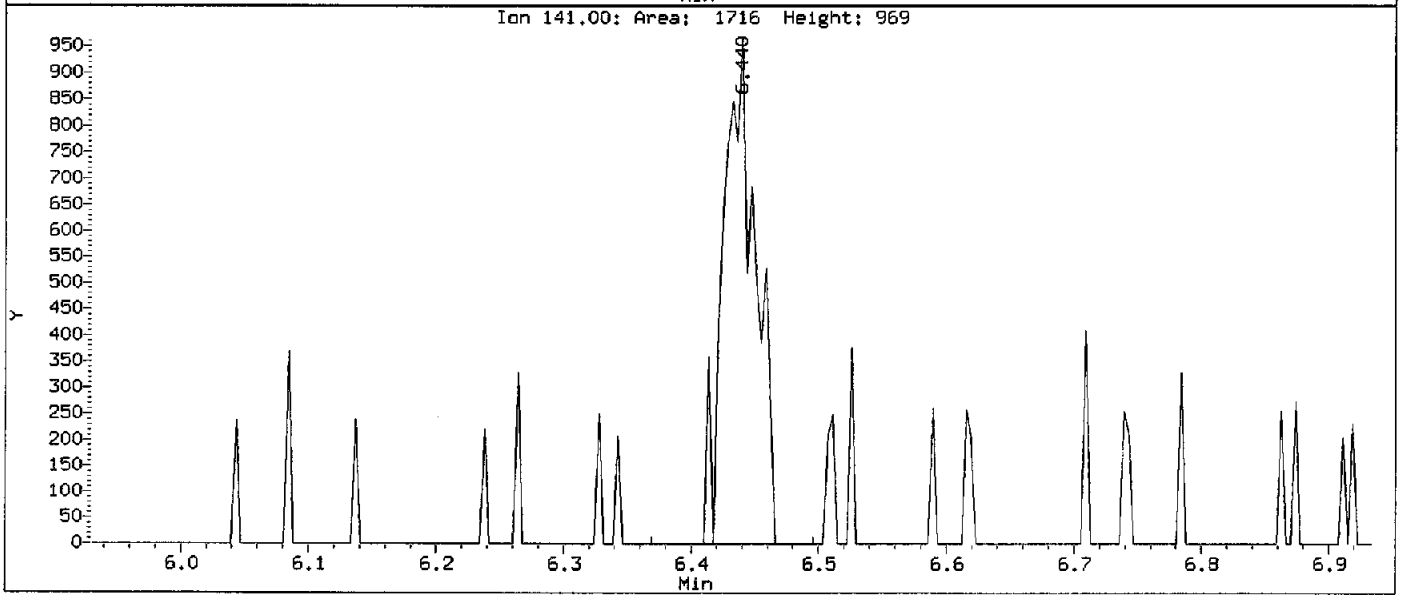
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Iodomethane
CAS Number: 74-88-4







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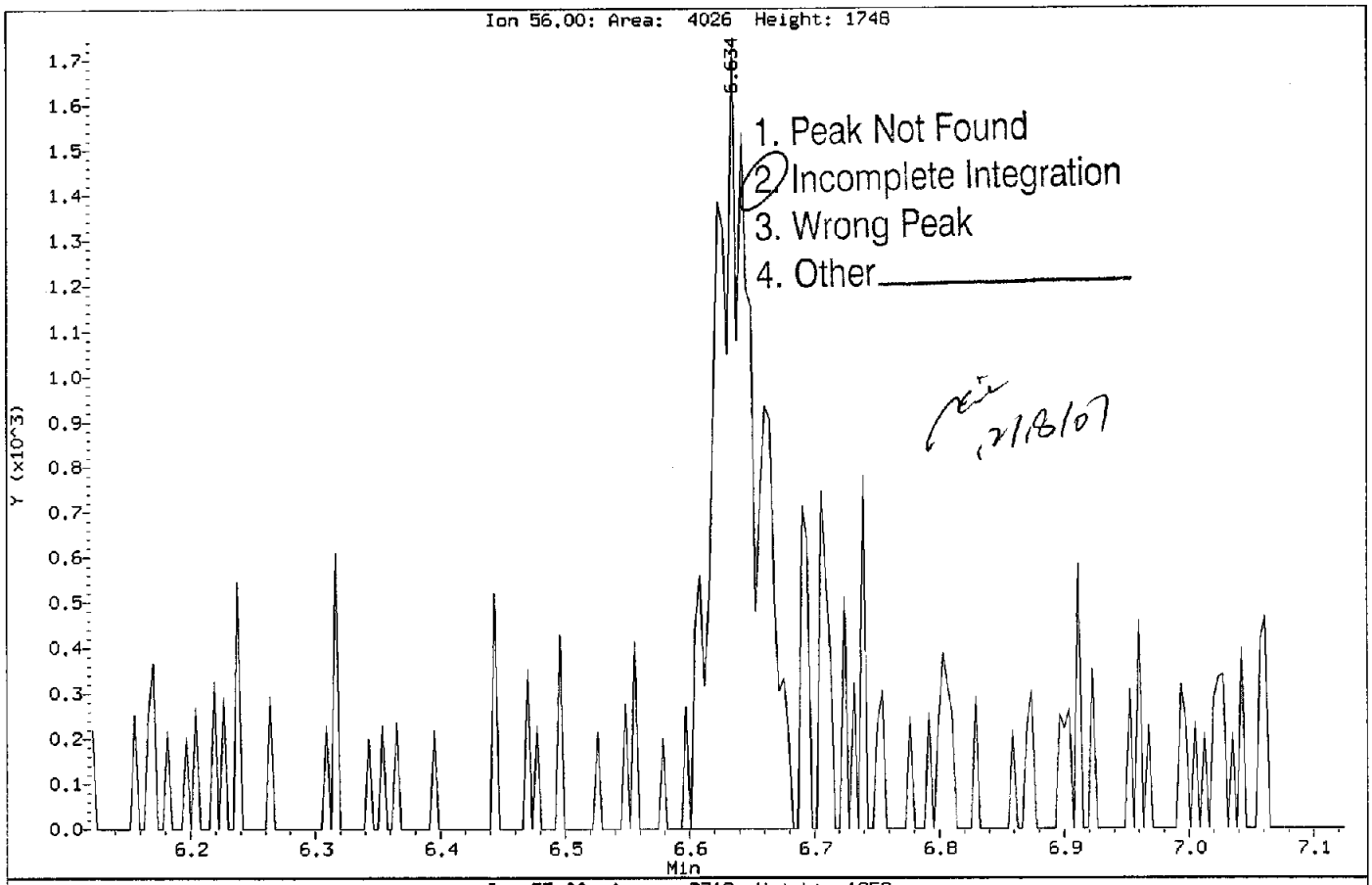
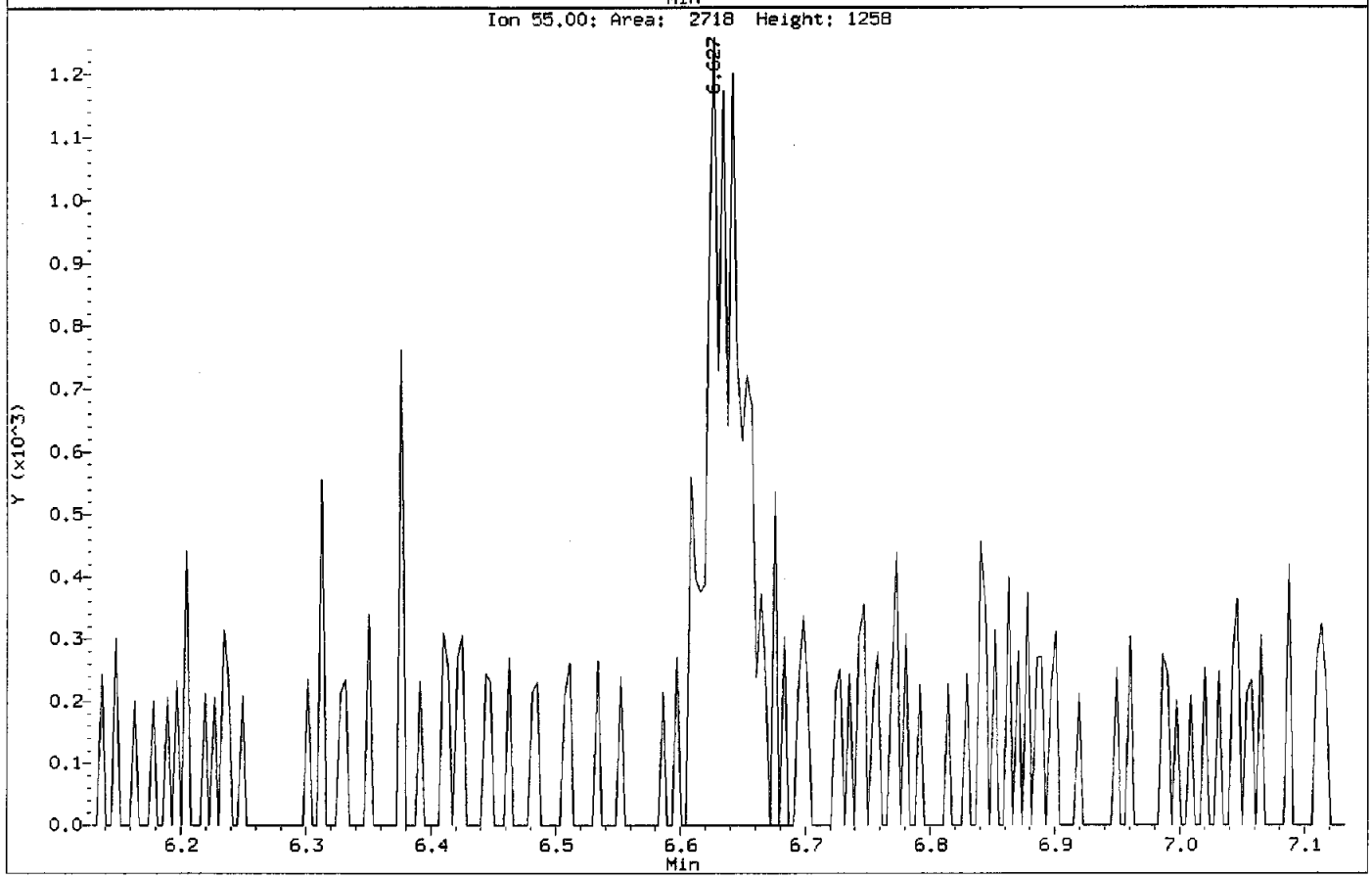
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Acrolein
CAS Number: 107-02-8





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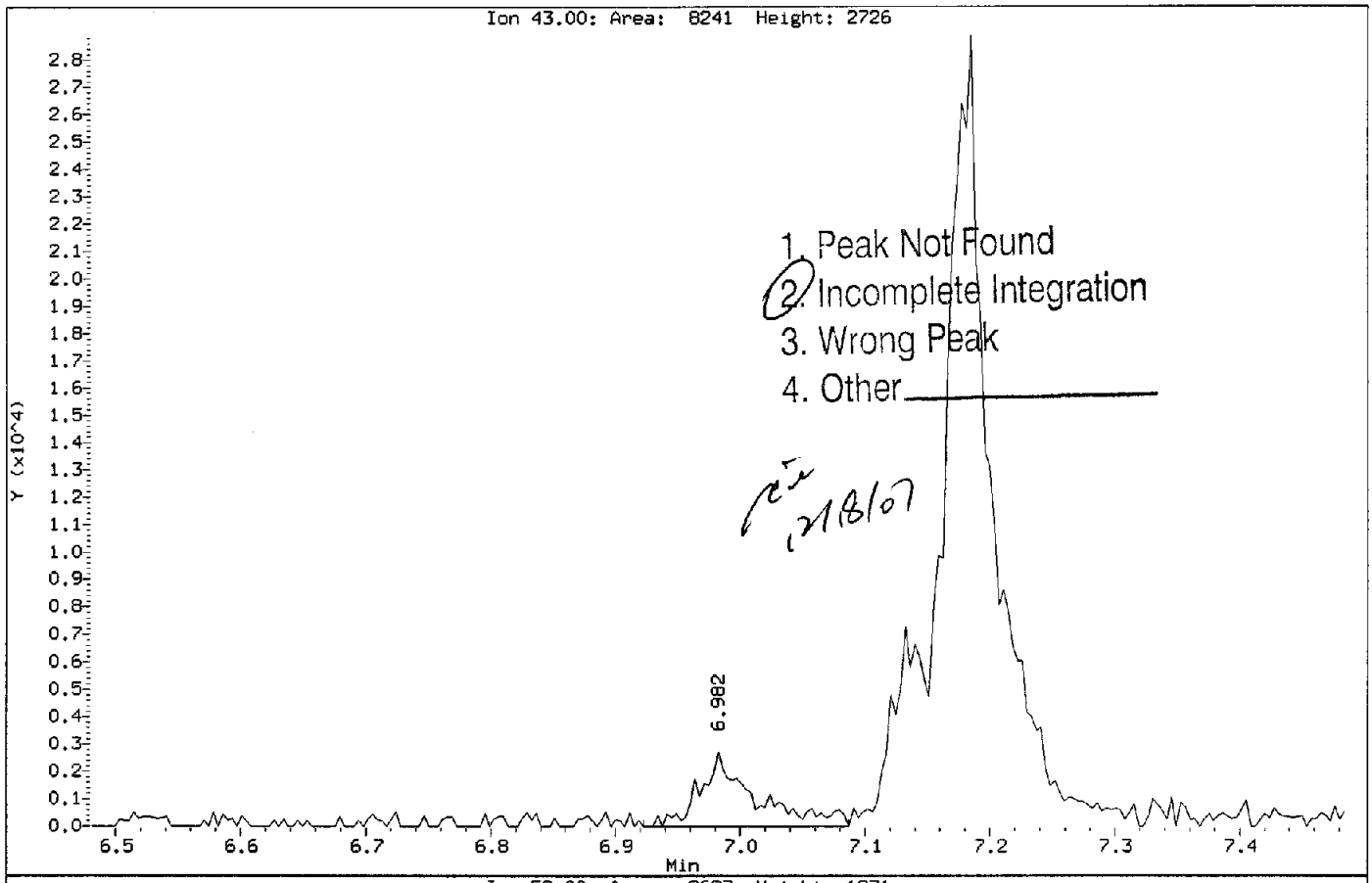
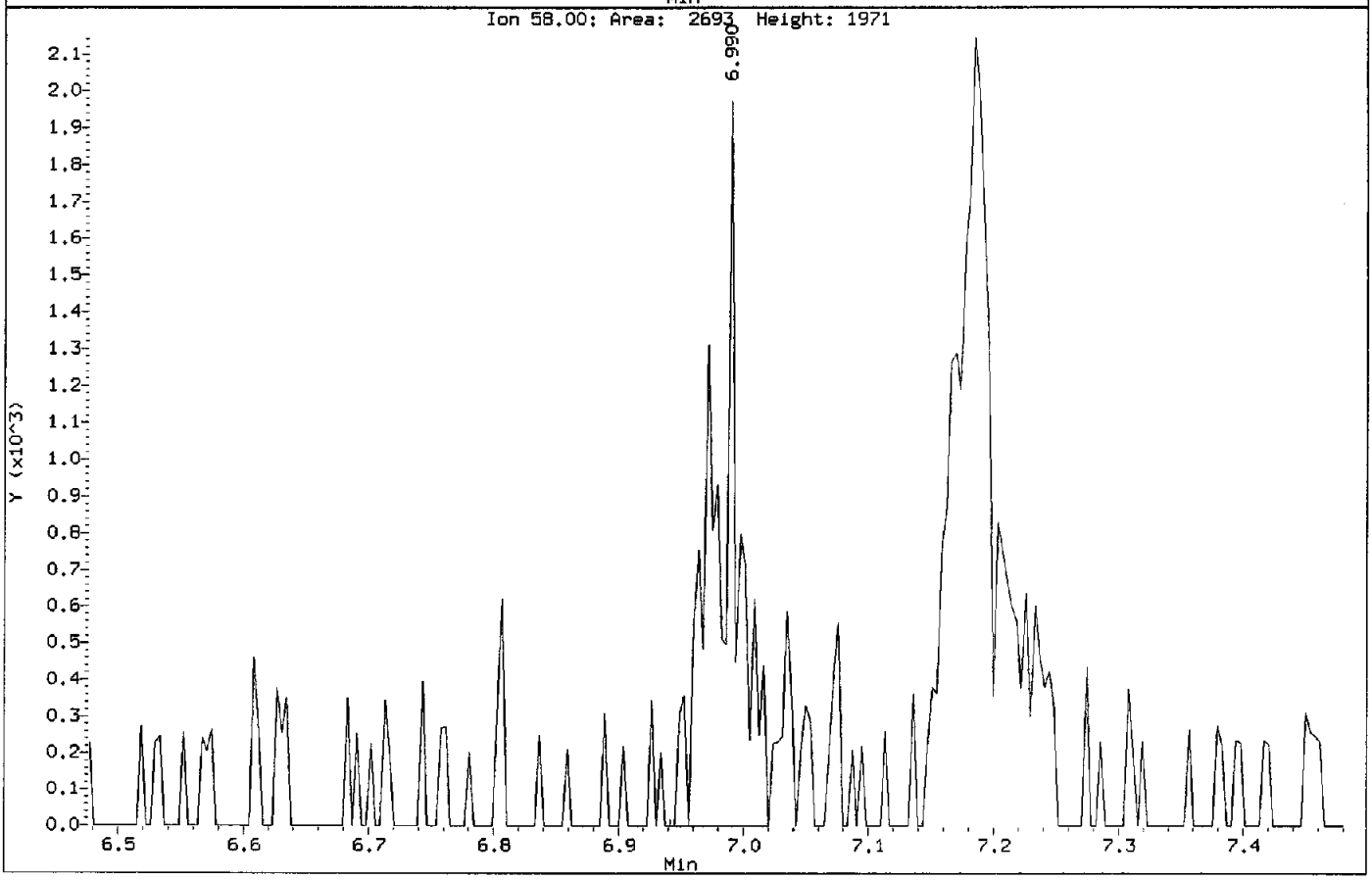
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Acetone
CAS Number: 67-64-1





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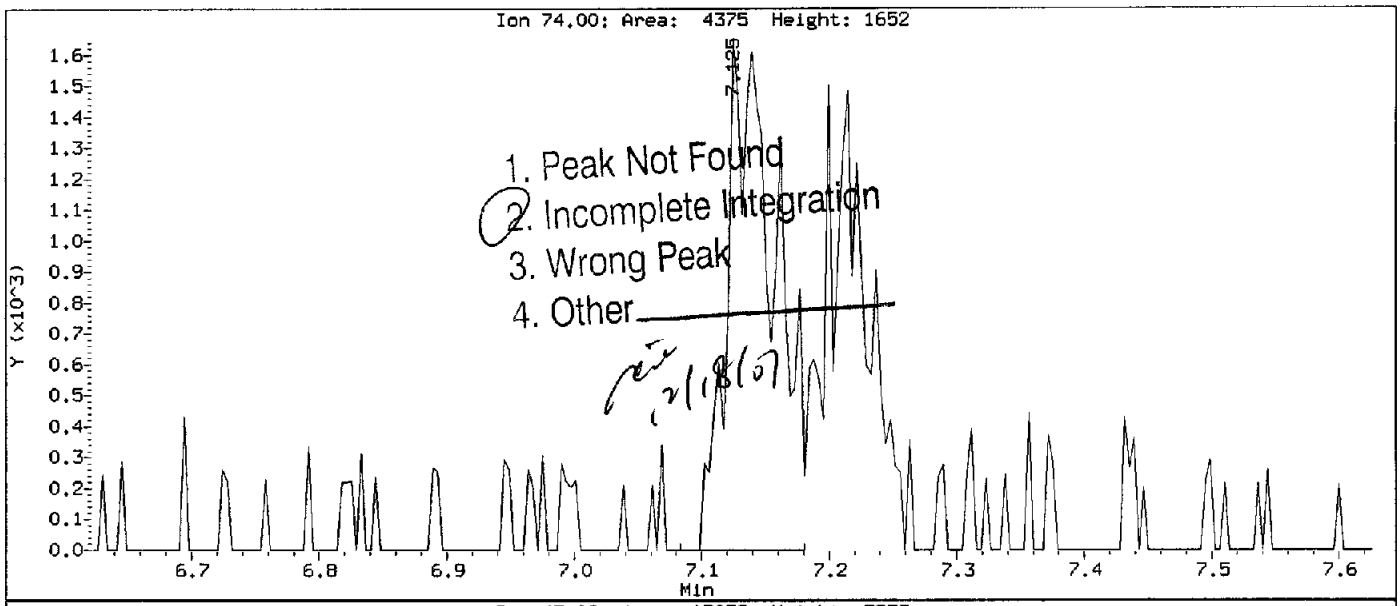
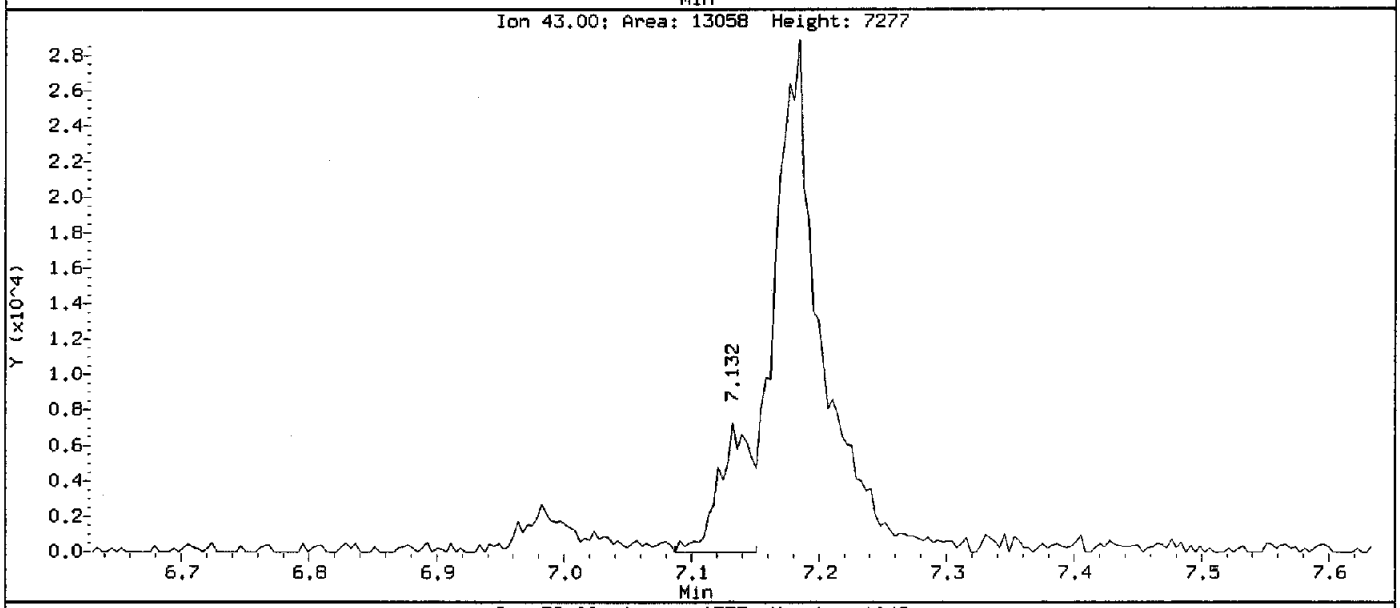
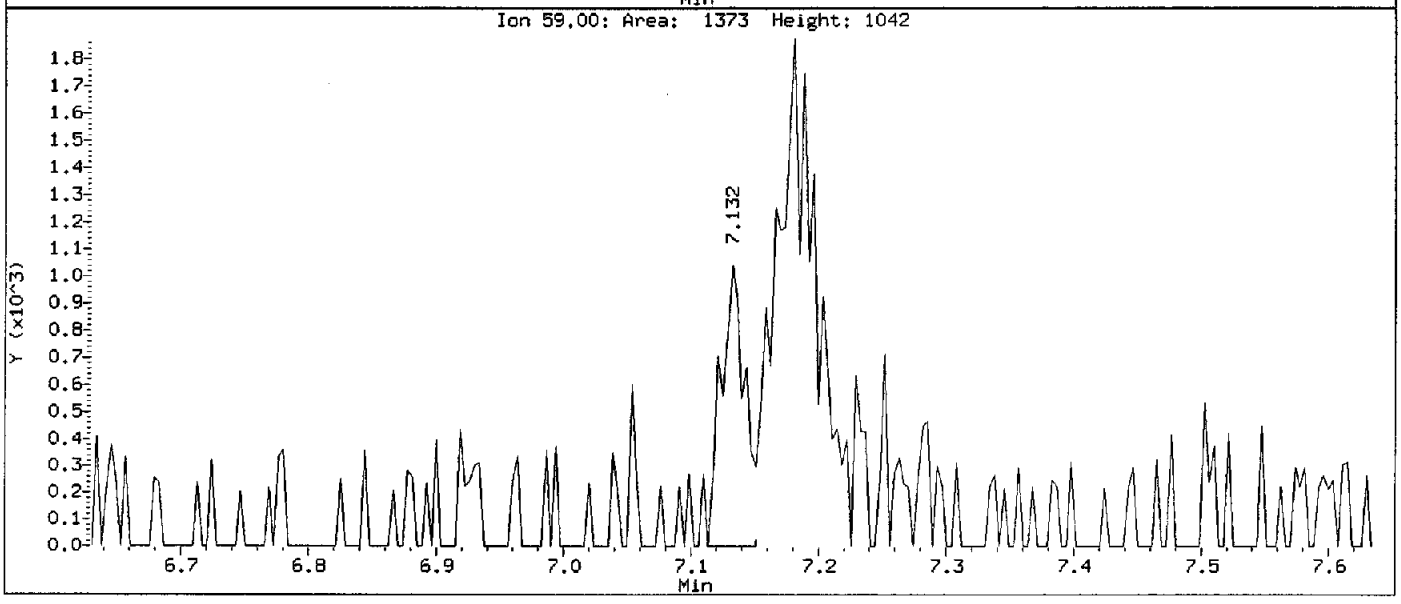
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Methyl Acetate
CAS Number:







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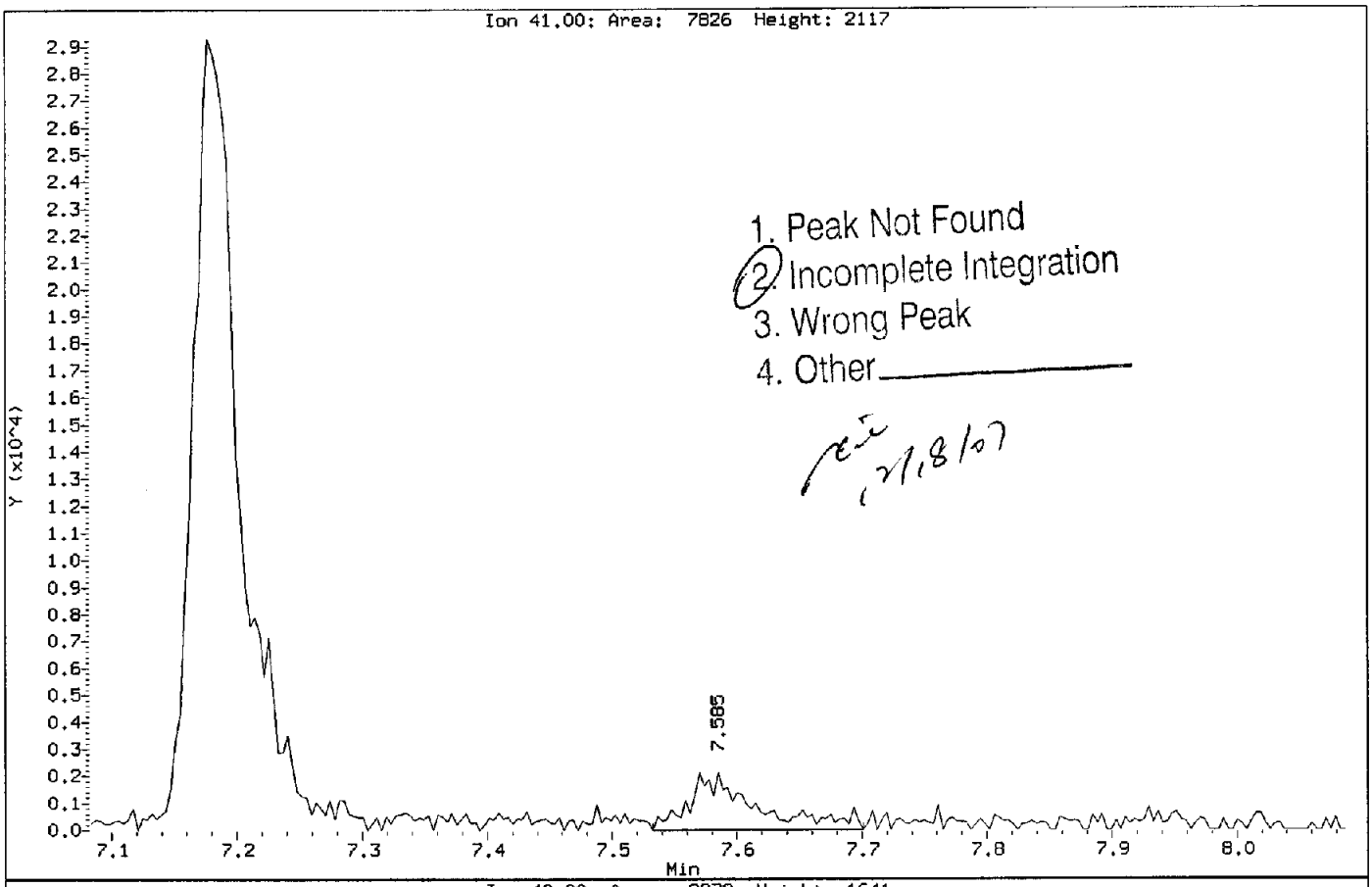
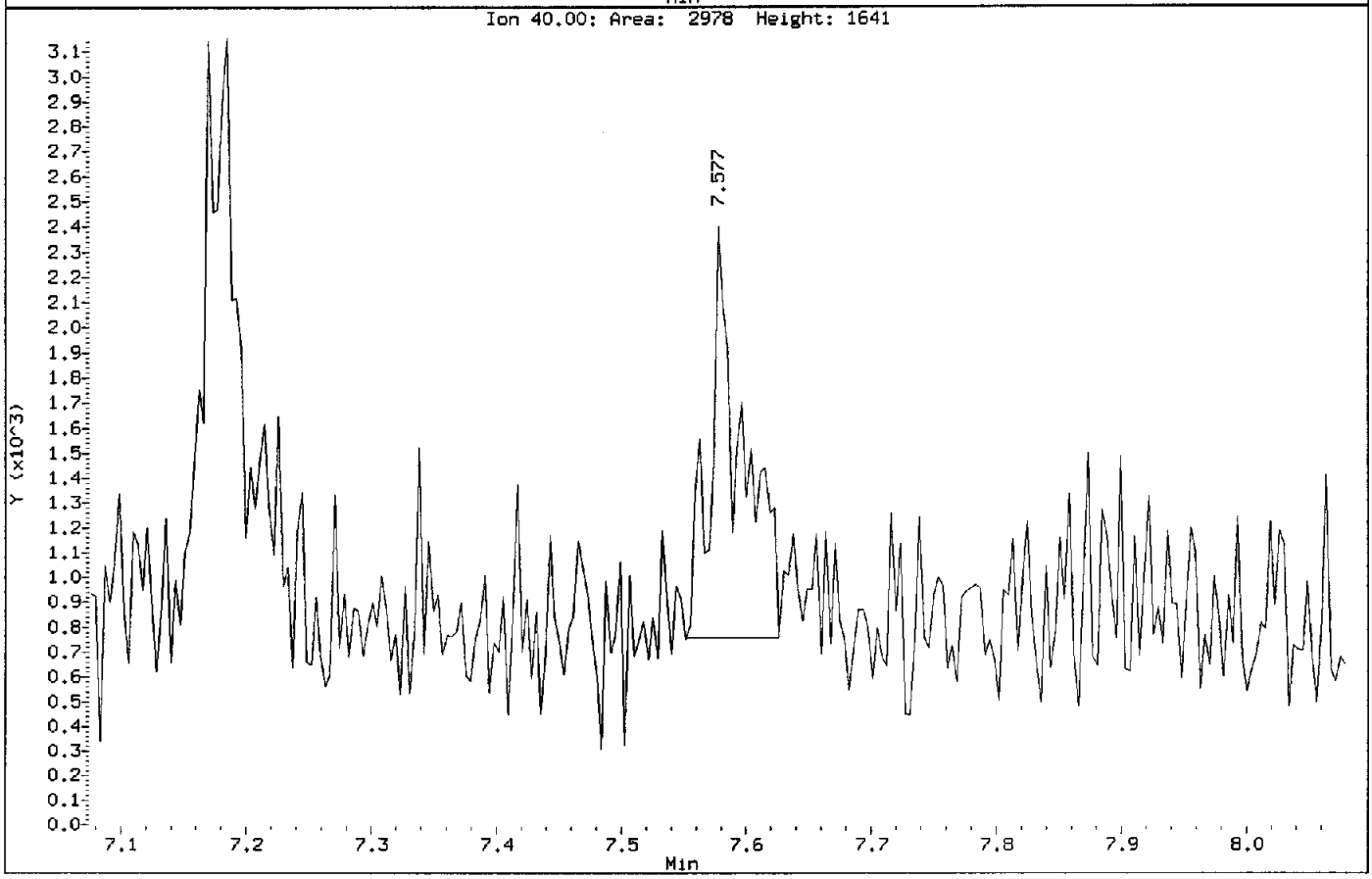
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Acetonitrile
CAS Number: 75-05-8





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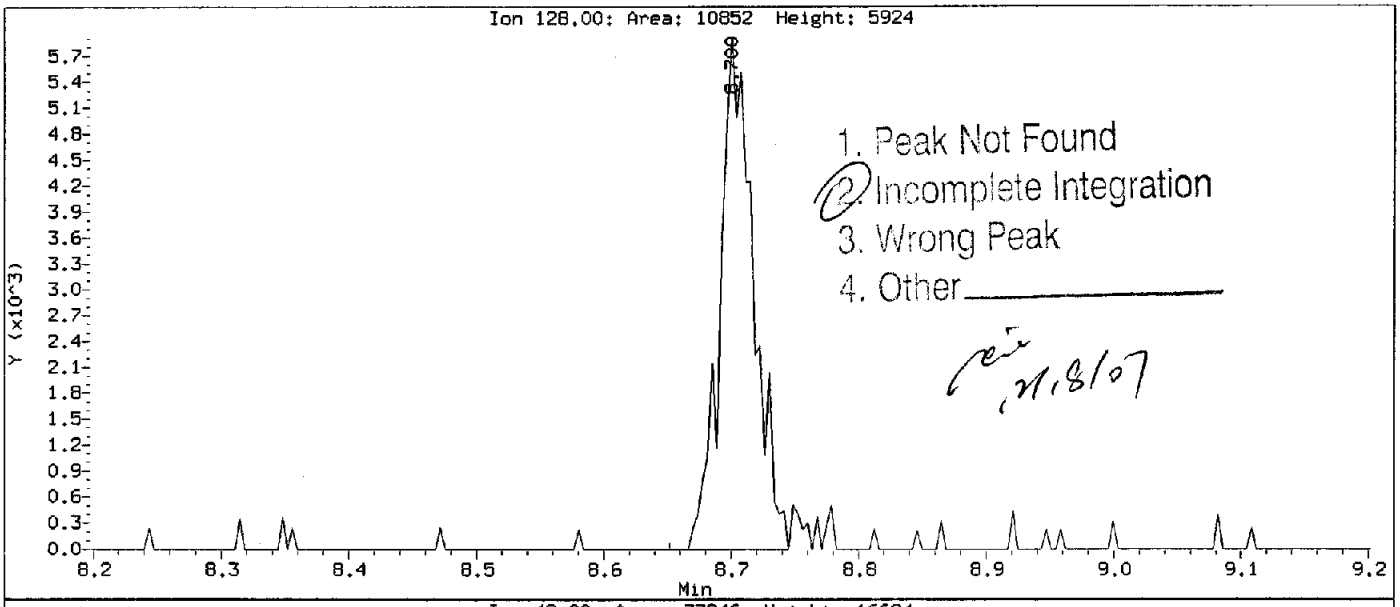
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Bromochloromethane
CAS Number: 74-97-5



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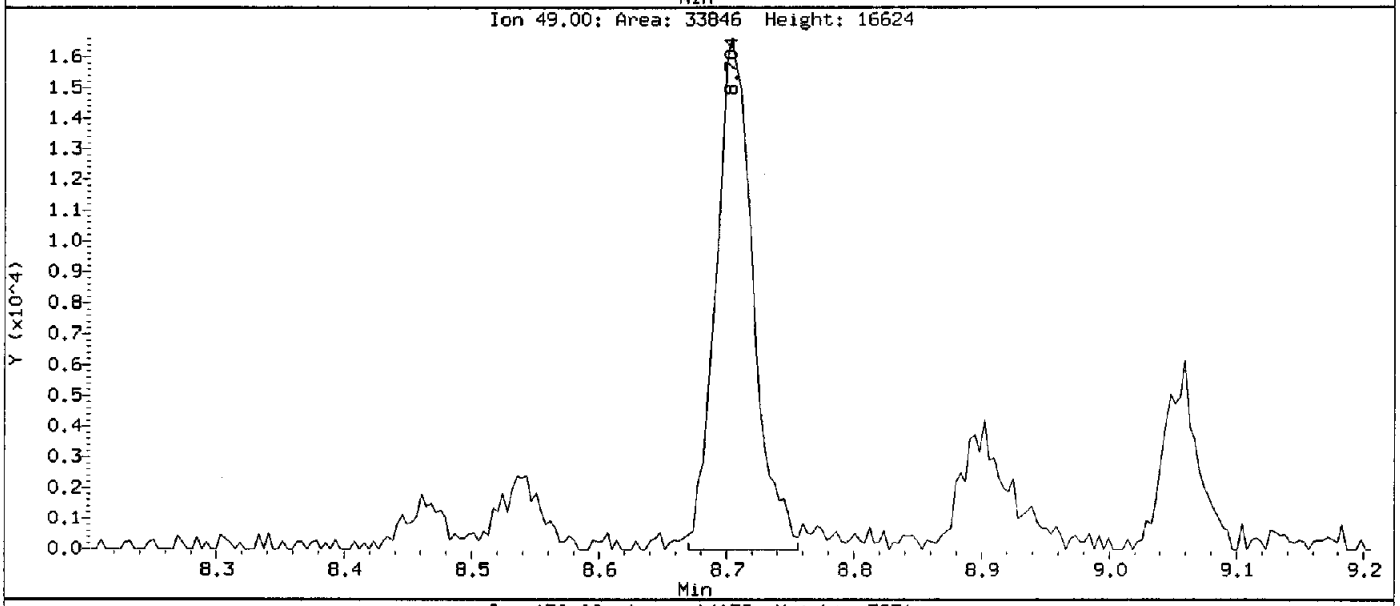
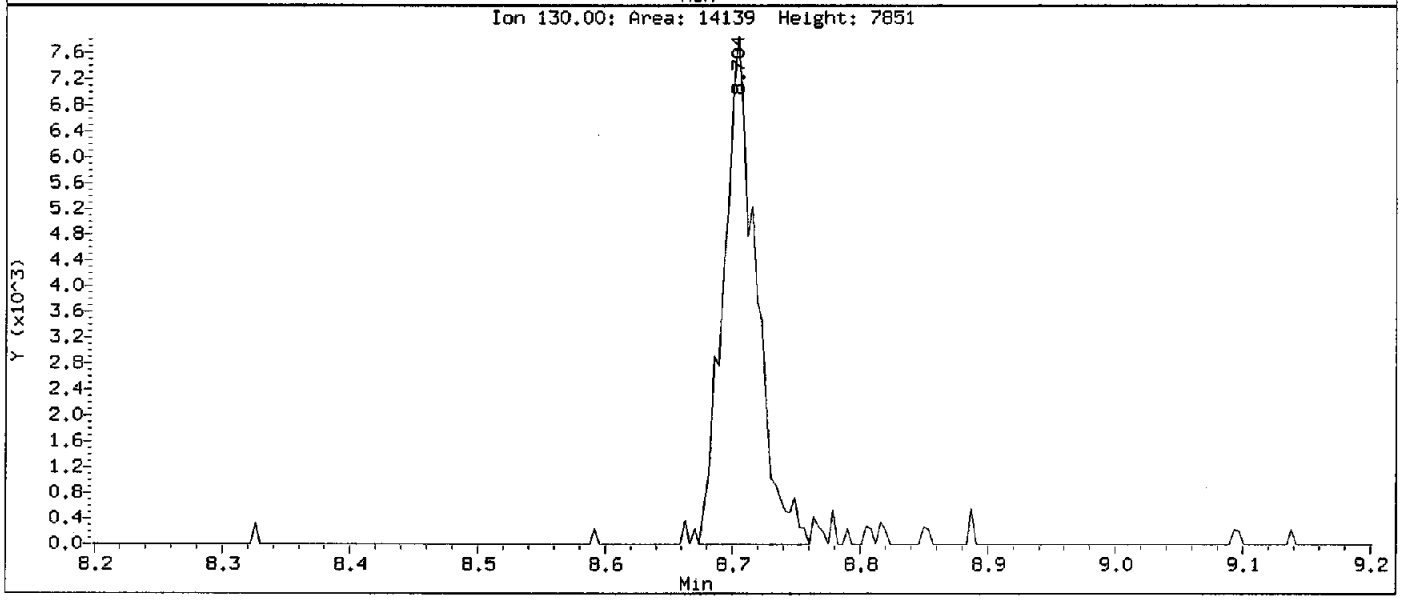
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12/18/07





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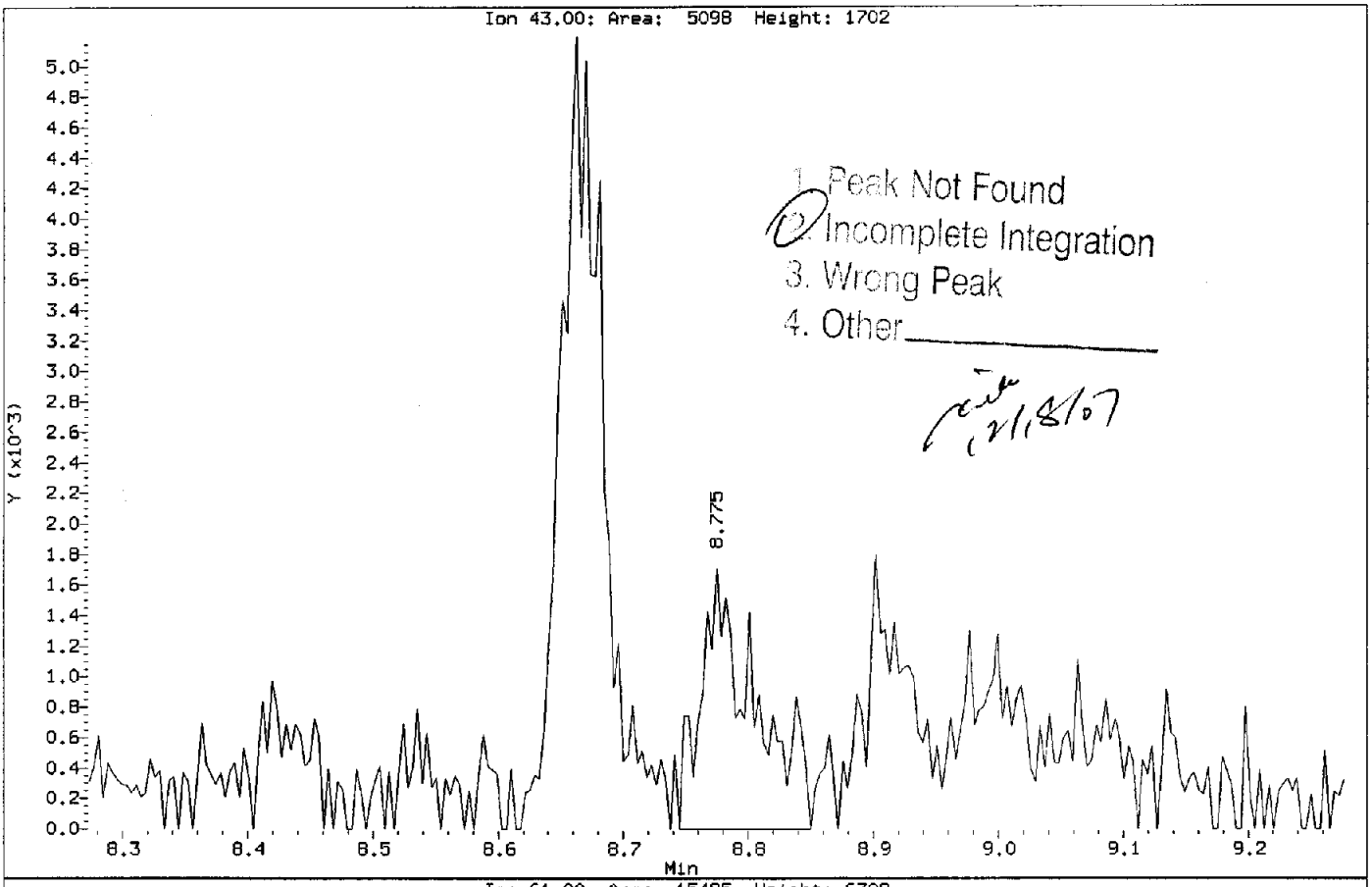
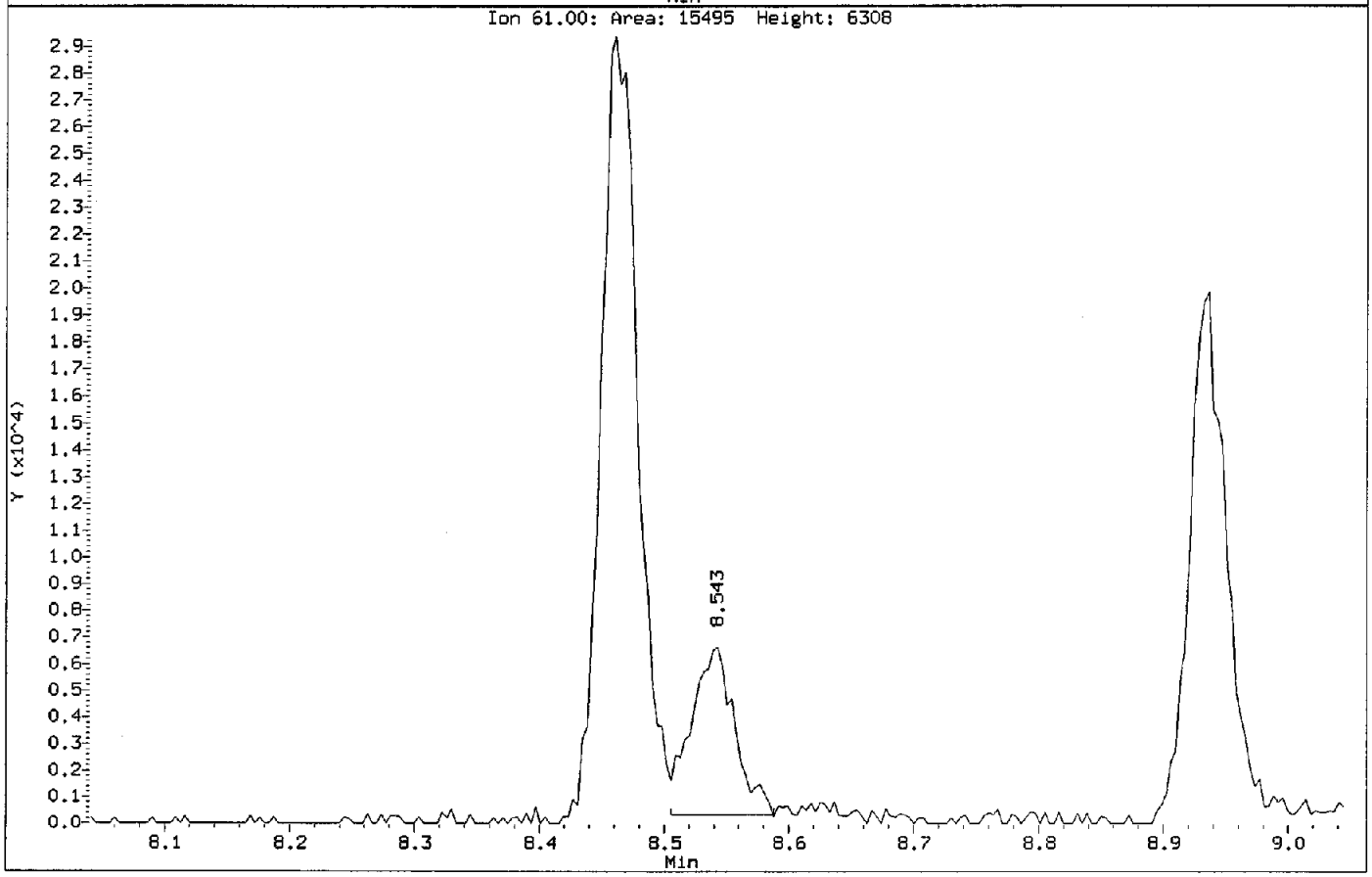
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Ethyl acetate
CAS Number: 141-78-6





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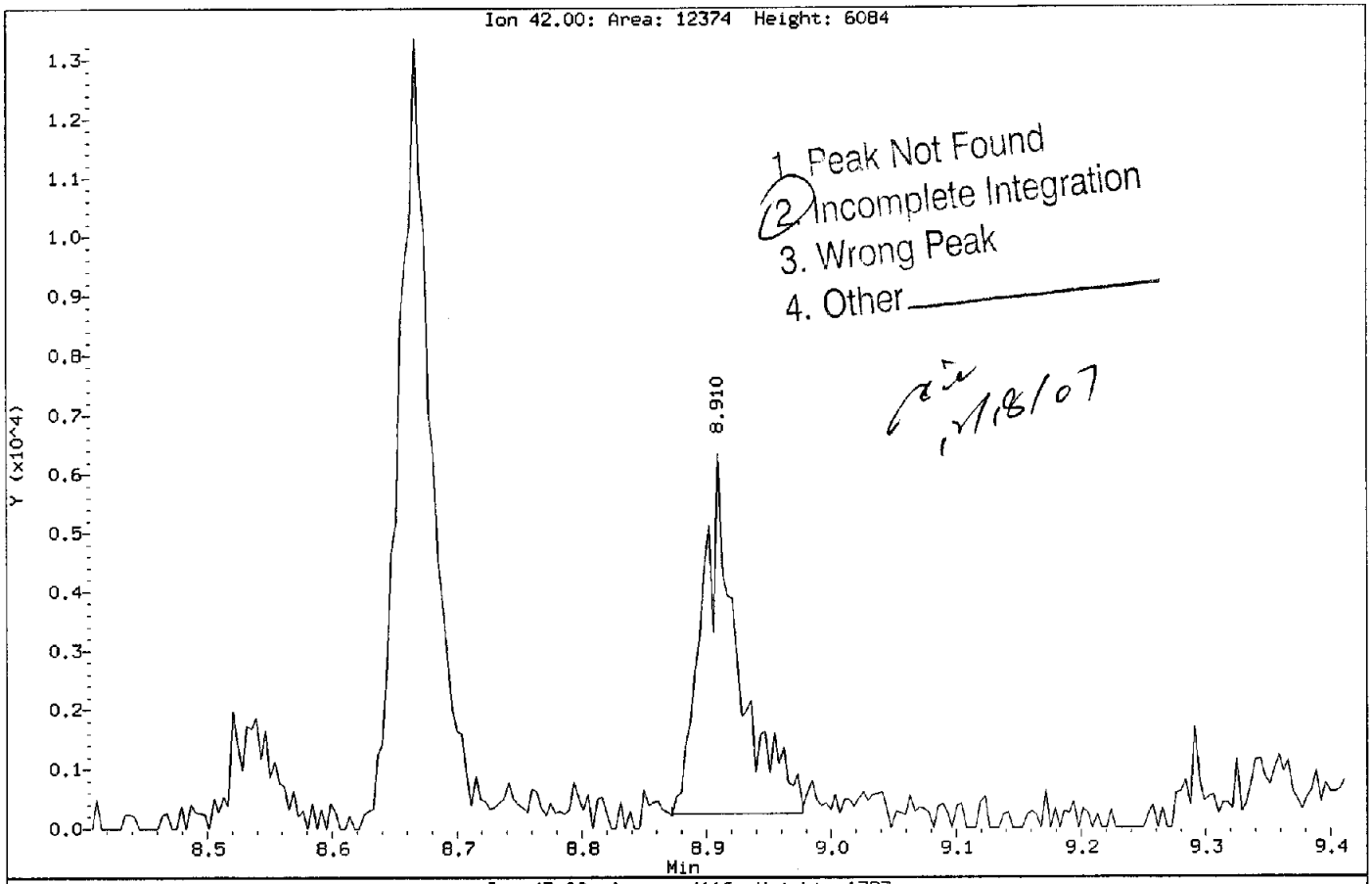
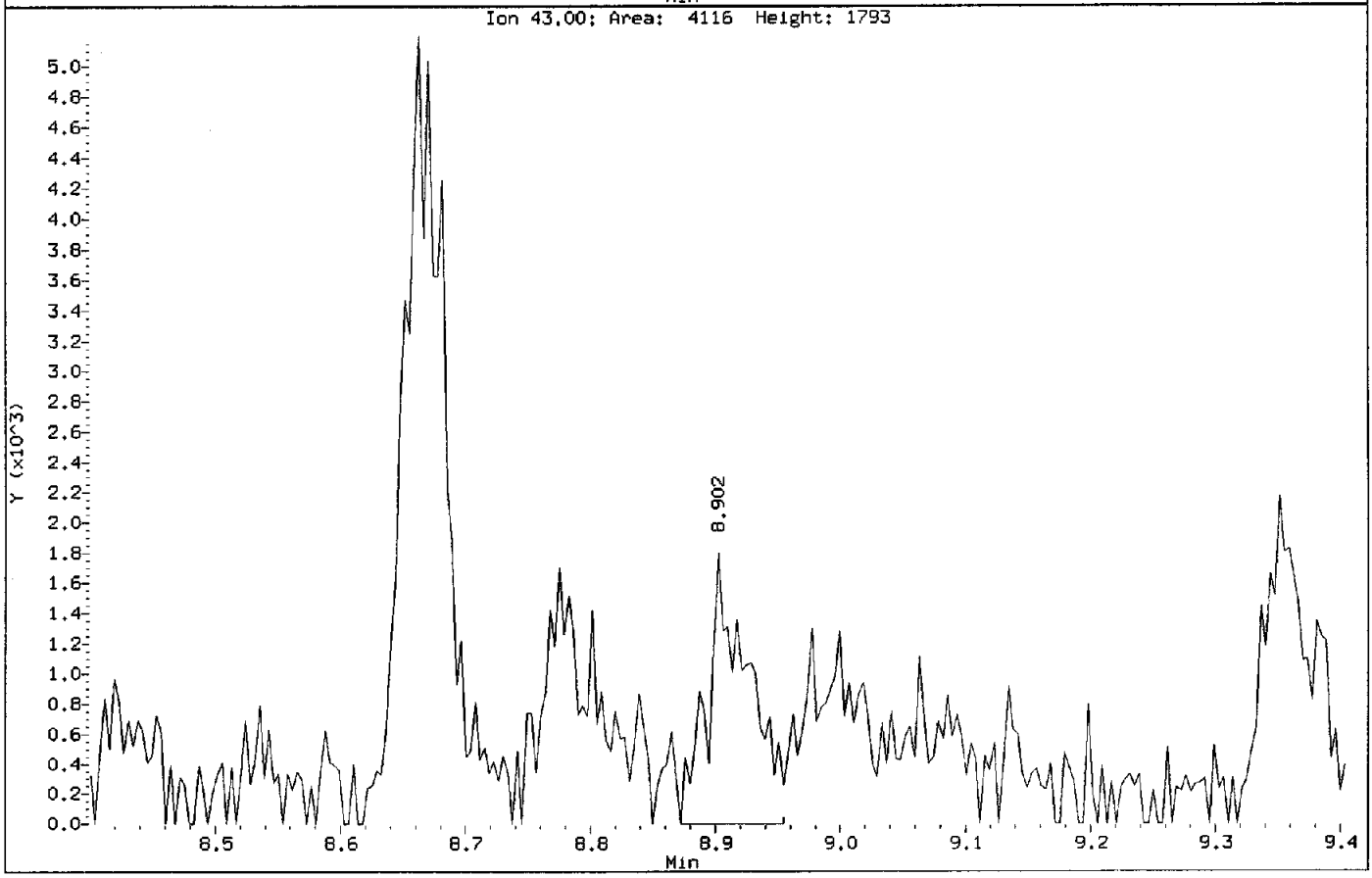
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Isobutanol
CAS Number: 78-83-1





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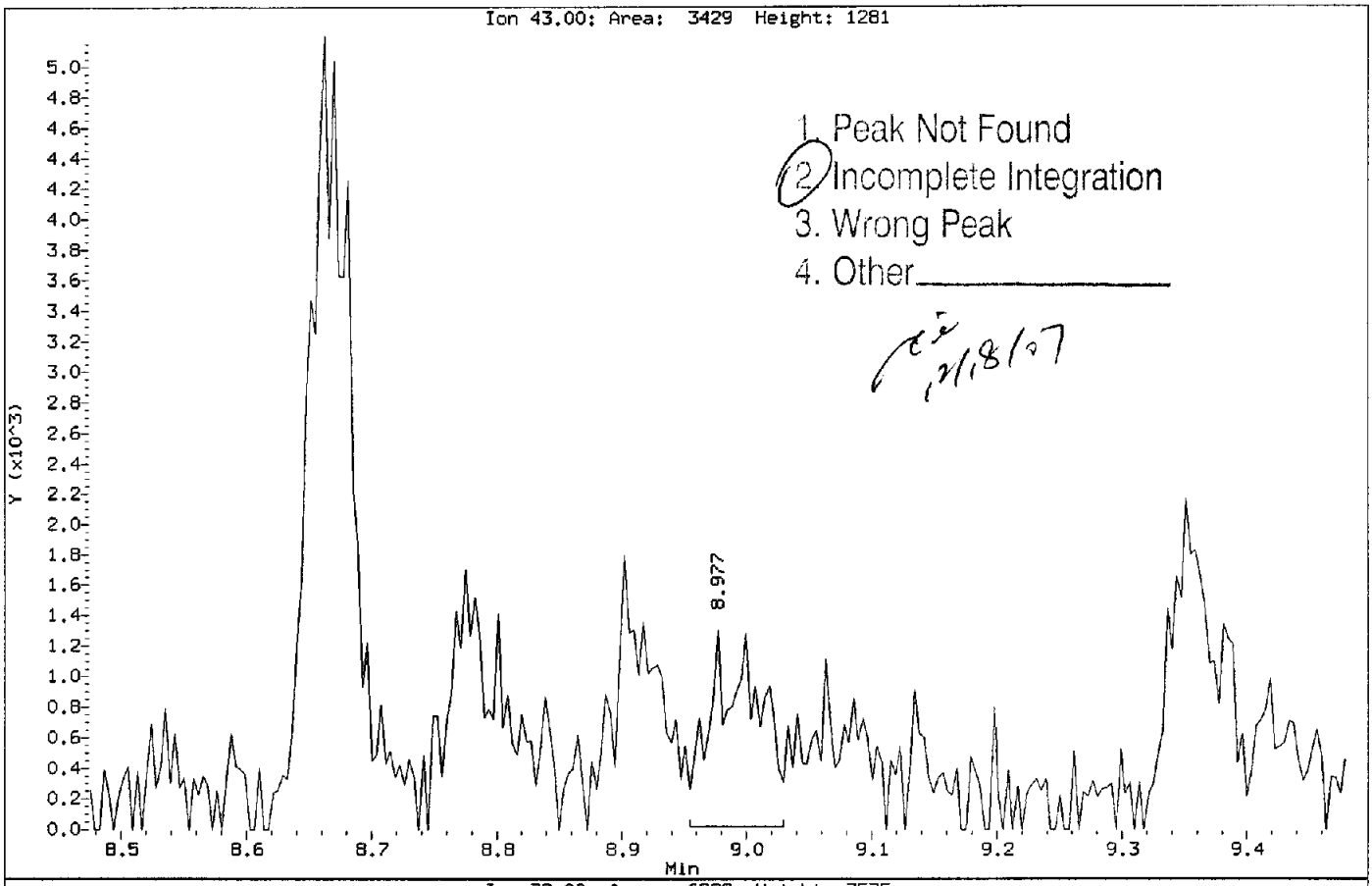
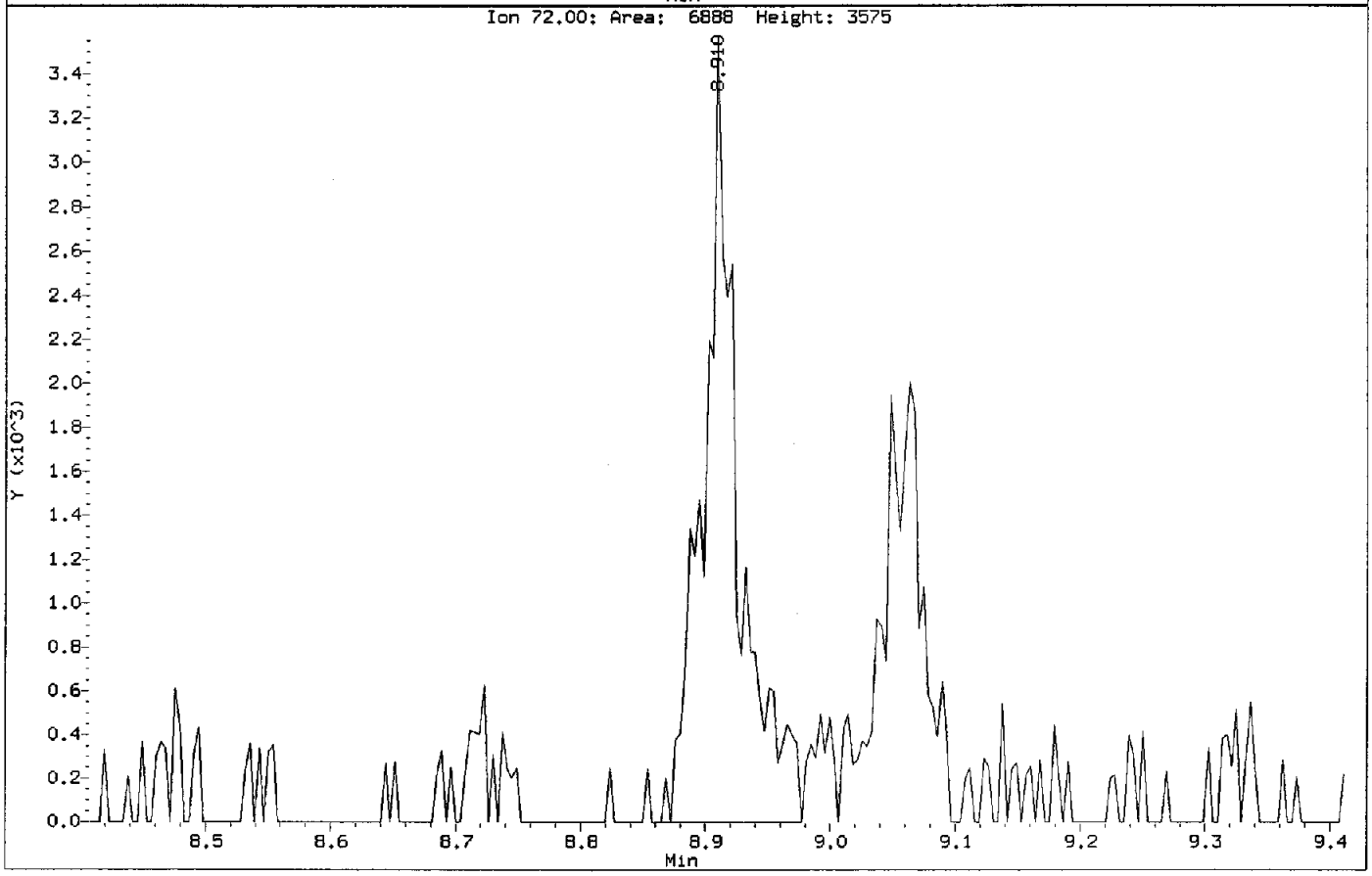
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: 2-Butanone
CAS Number: 78-93-3





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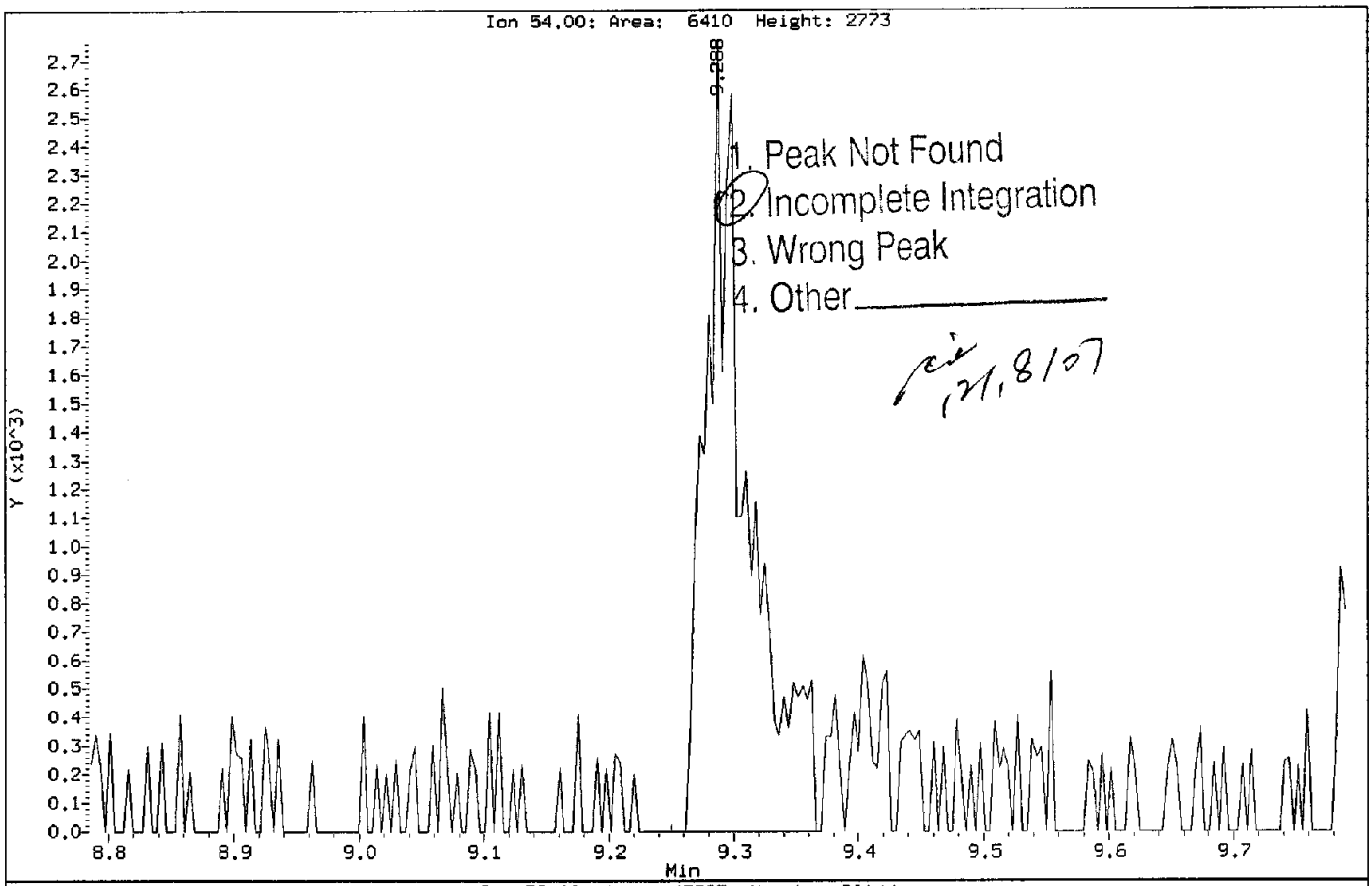
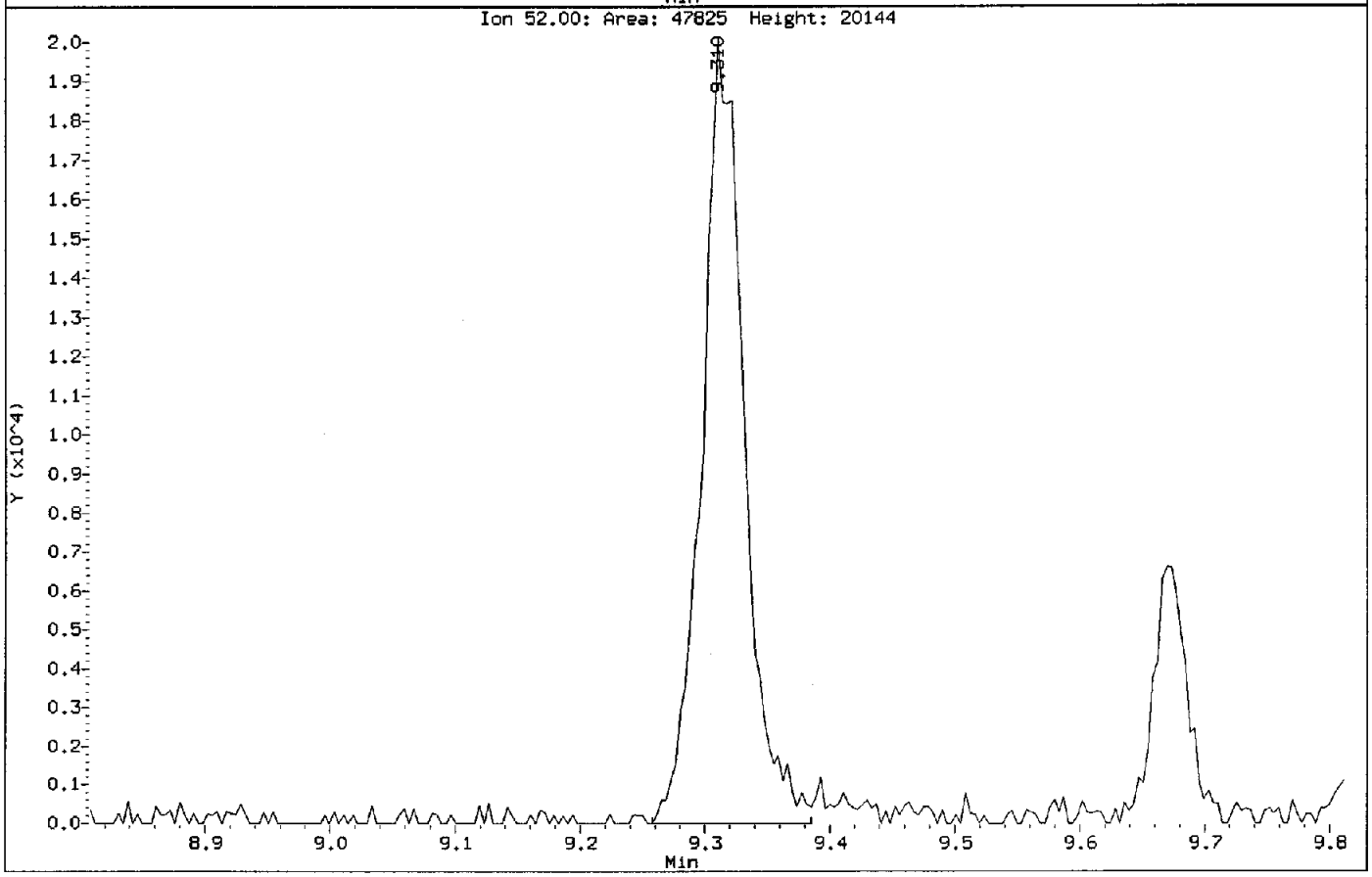
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Propionitrile
CAS Number: 107-12-0





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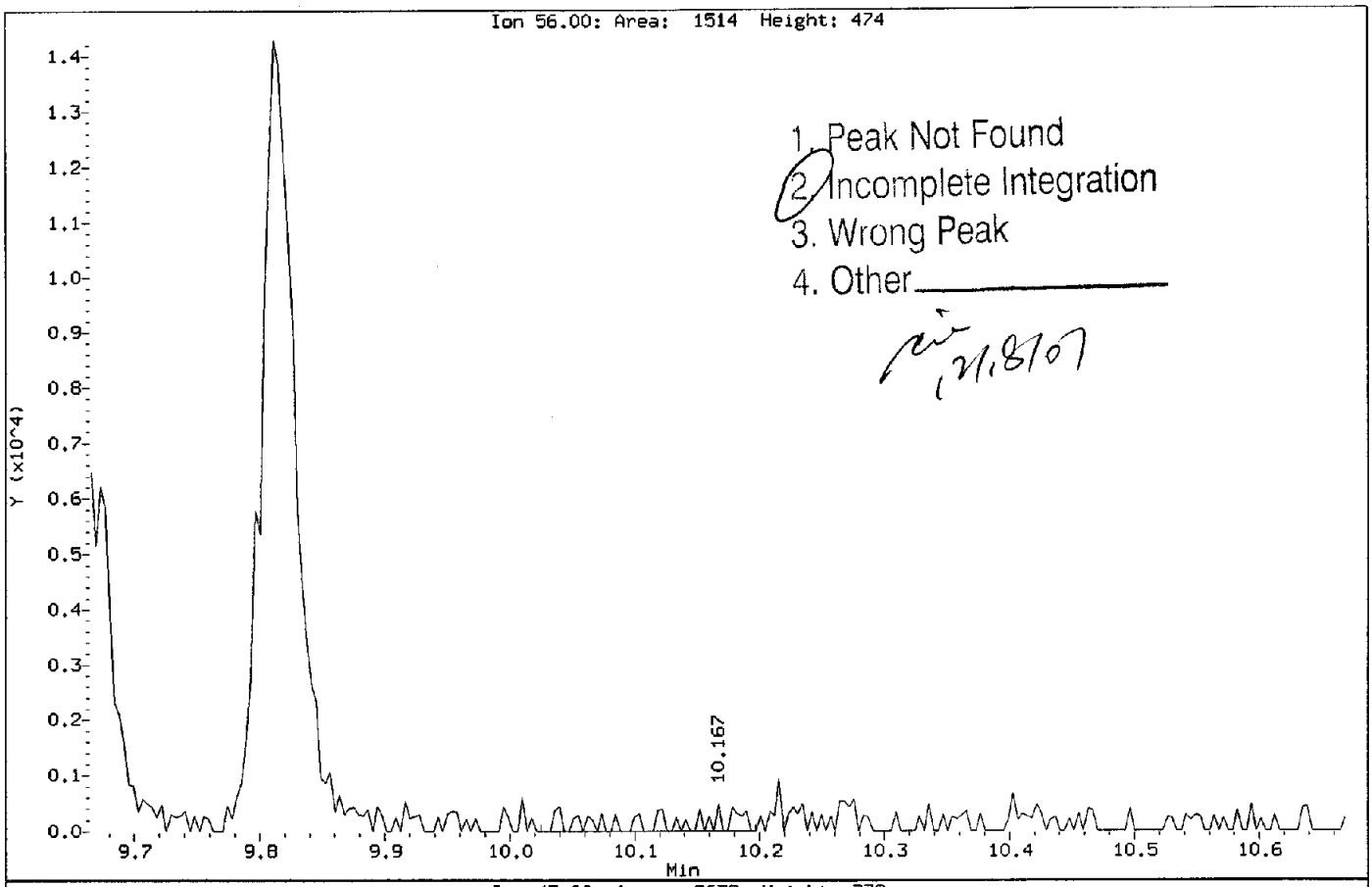
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: n-Butanol
CAS Number: 71-36-3



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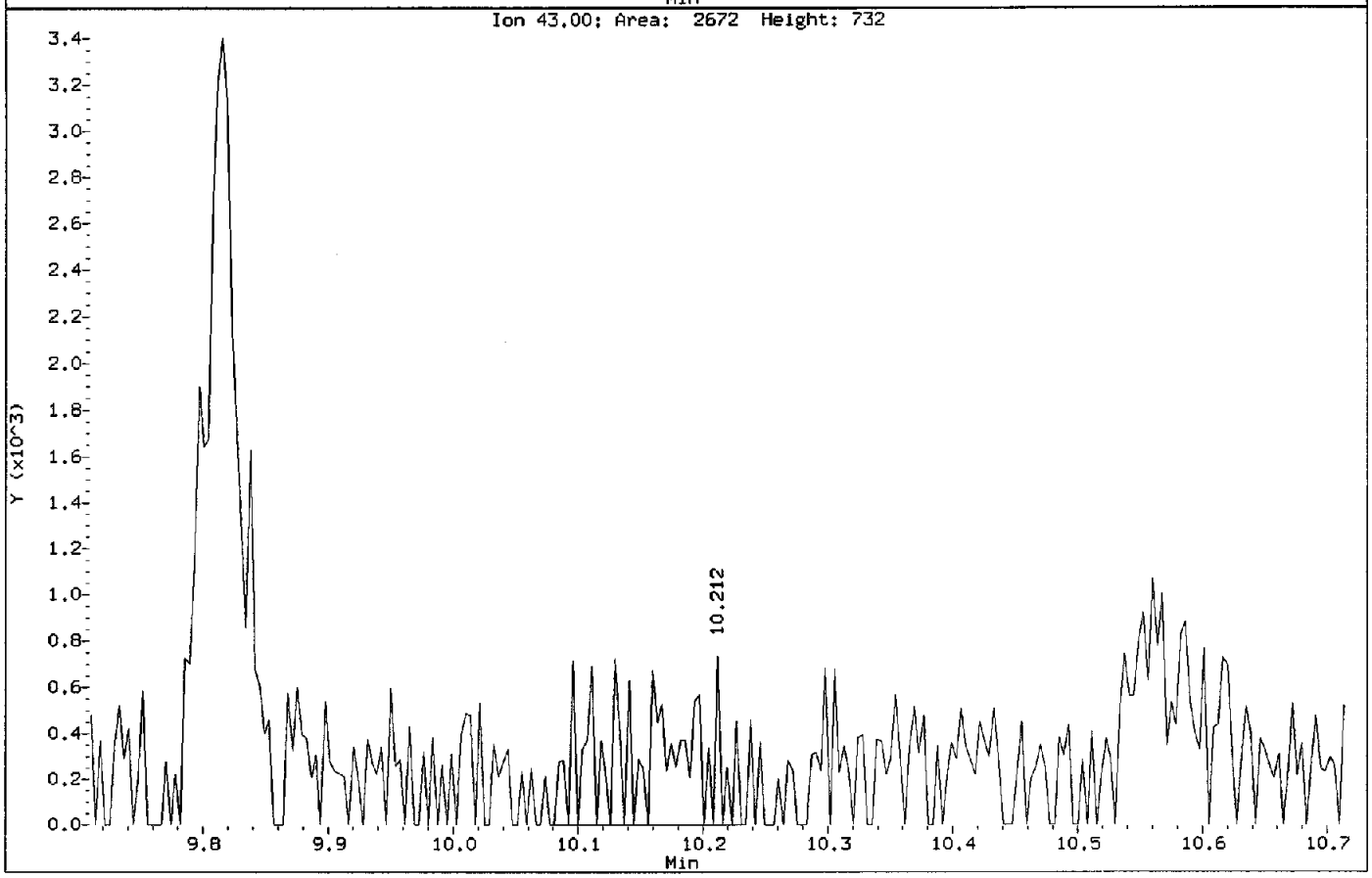
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12.18.07



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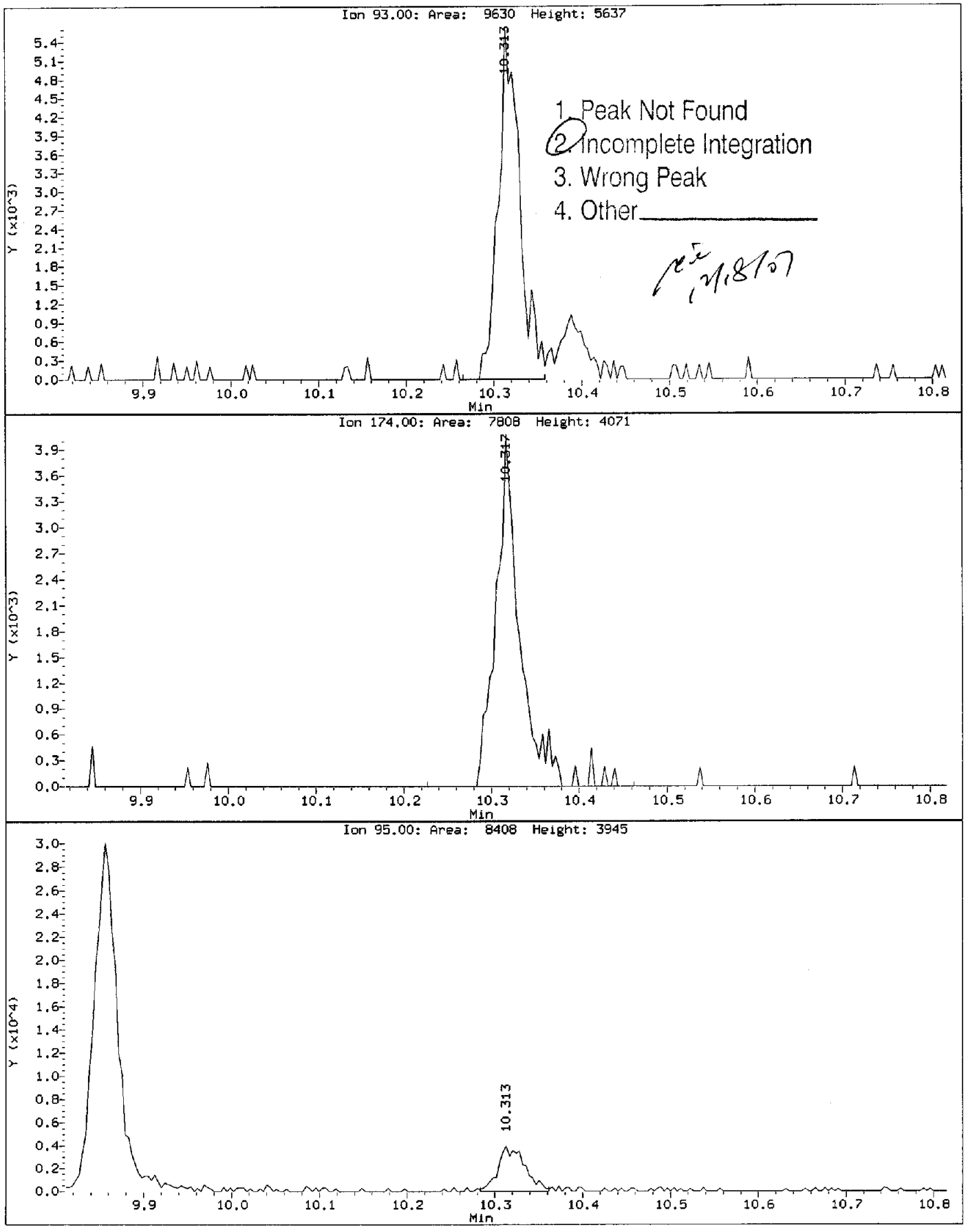
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Dibromomethane
CAS Number: 75-95-3



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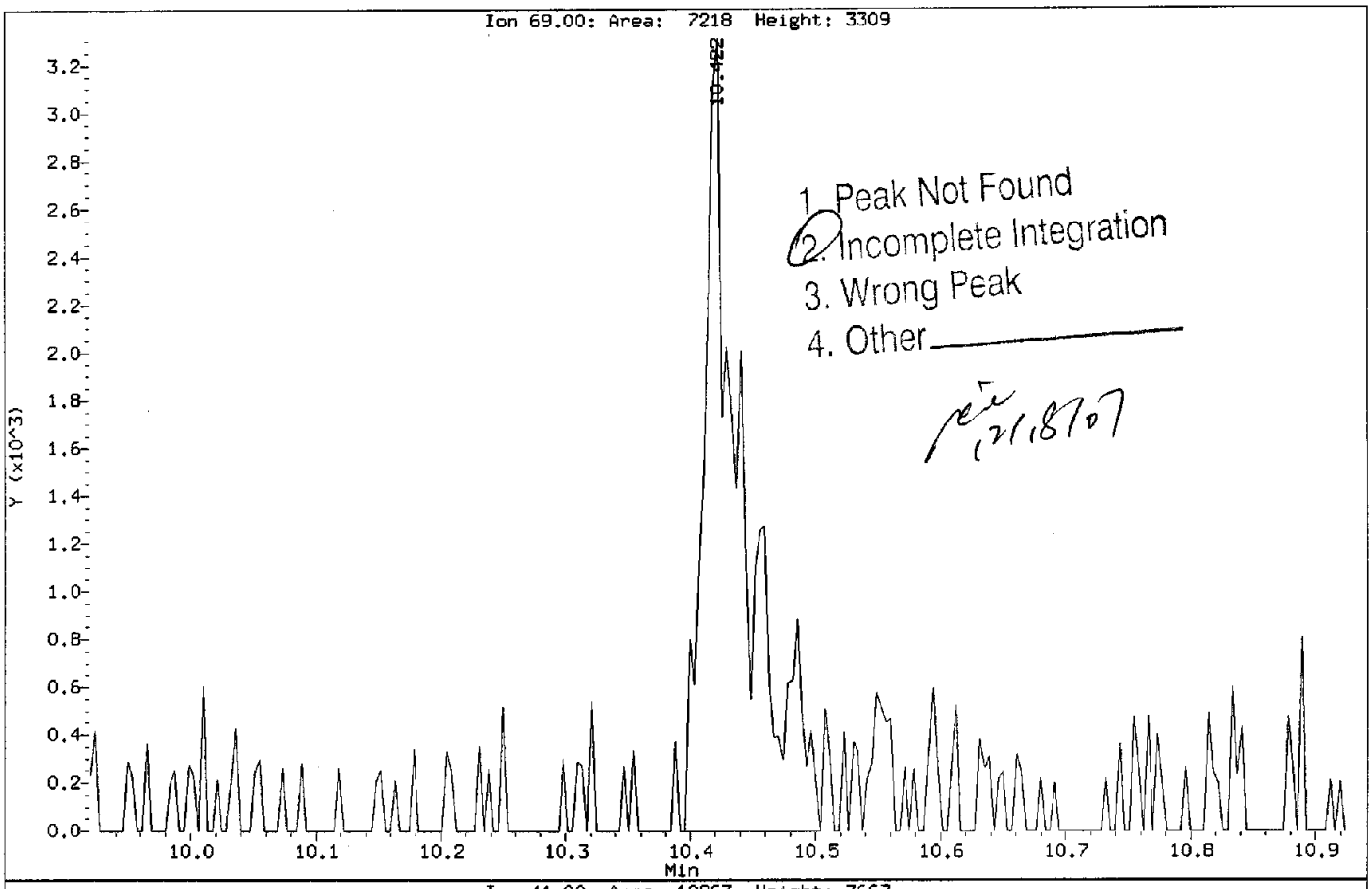
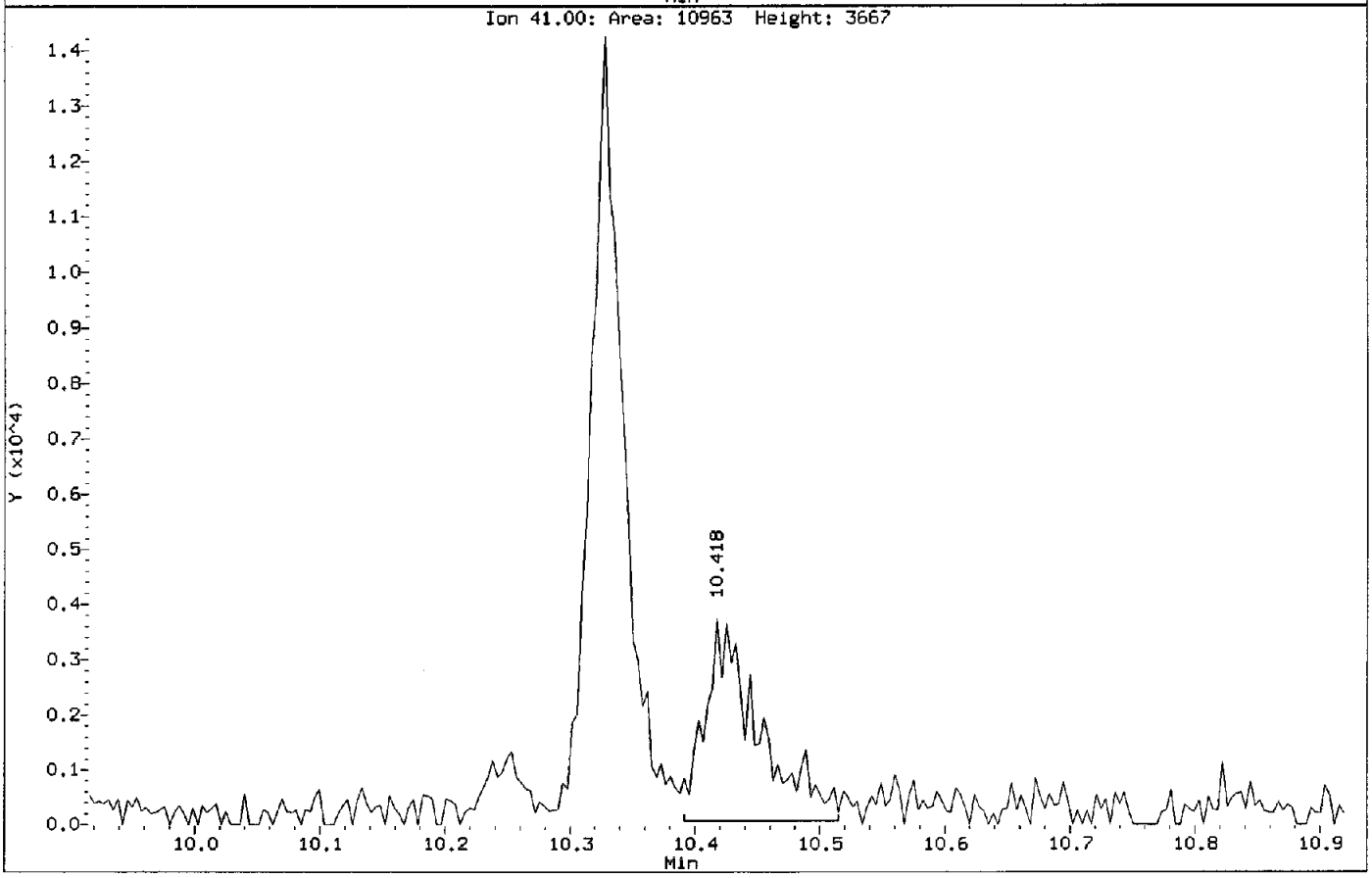
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Methyl methacrylate
CAS Number: 80-62-6





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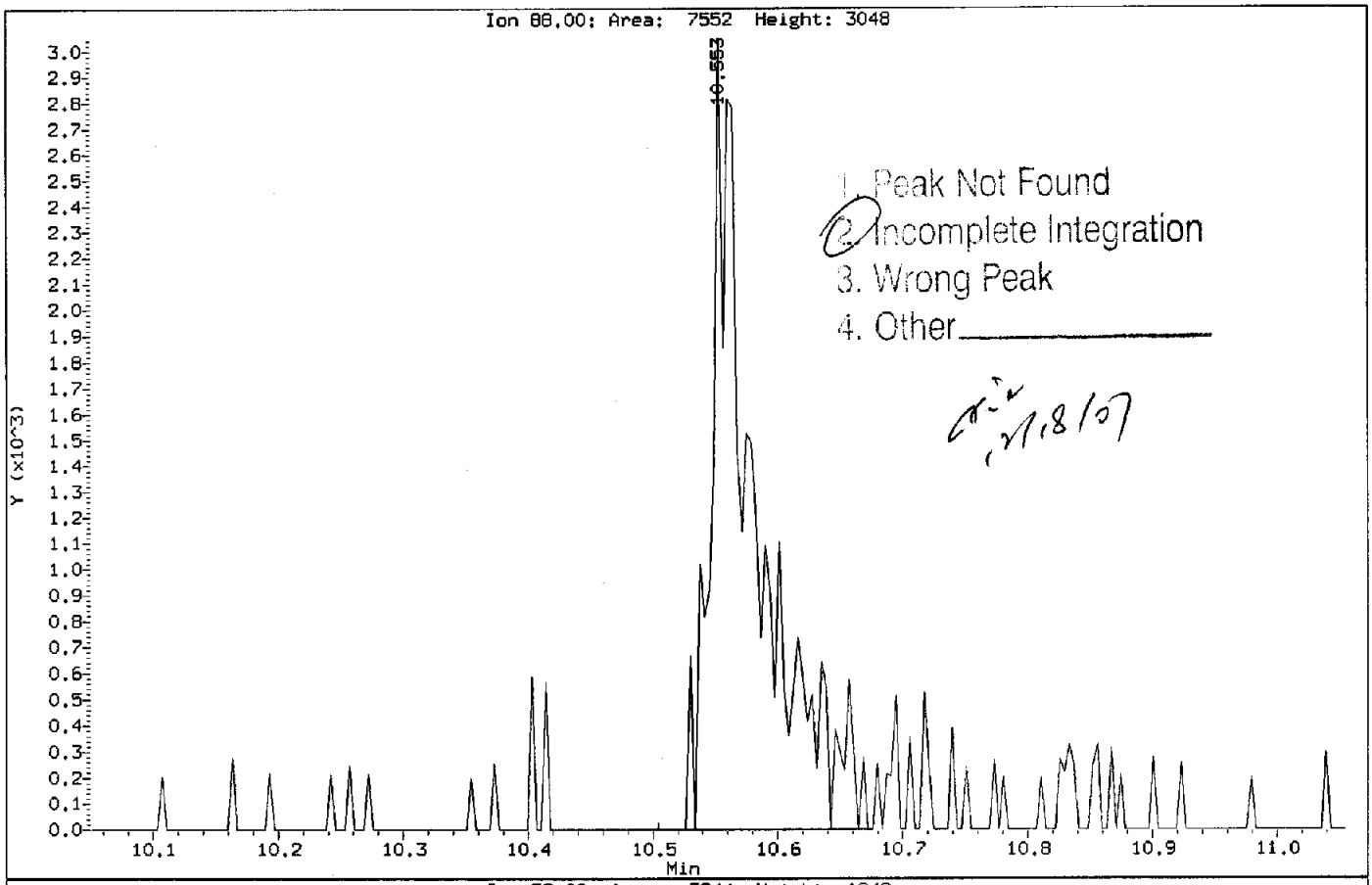
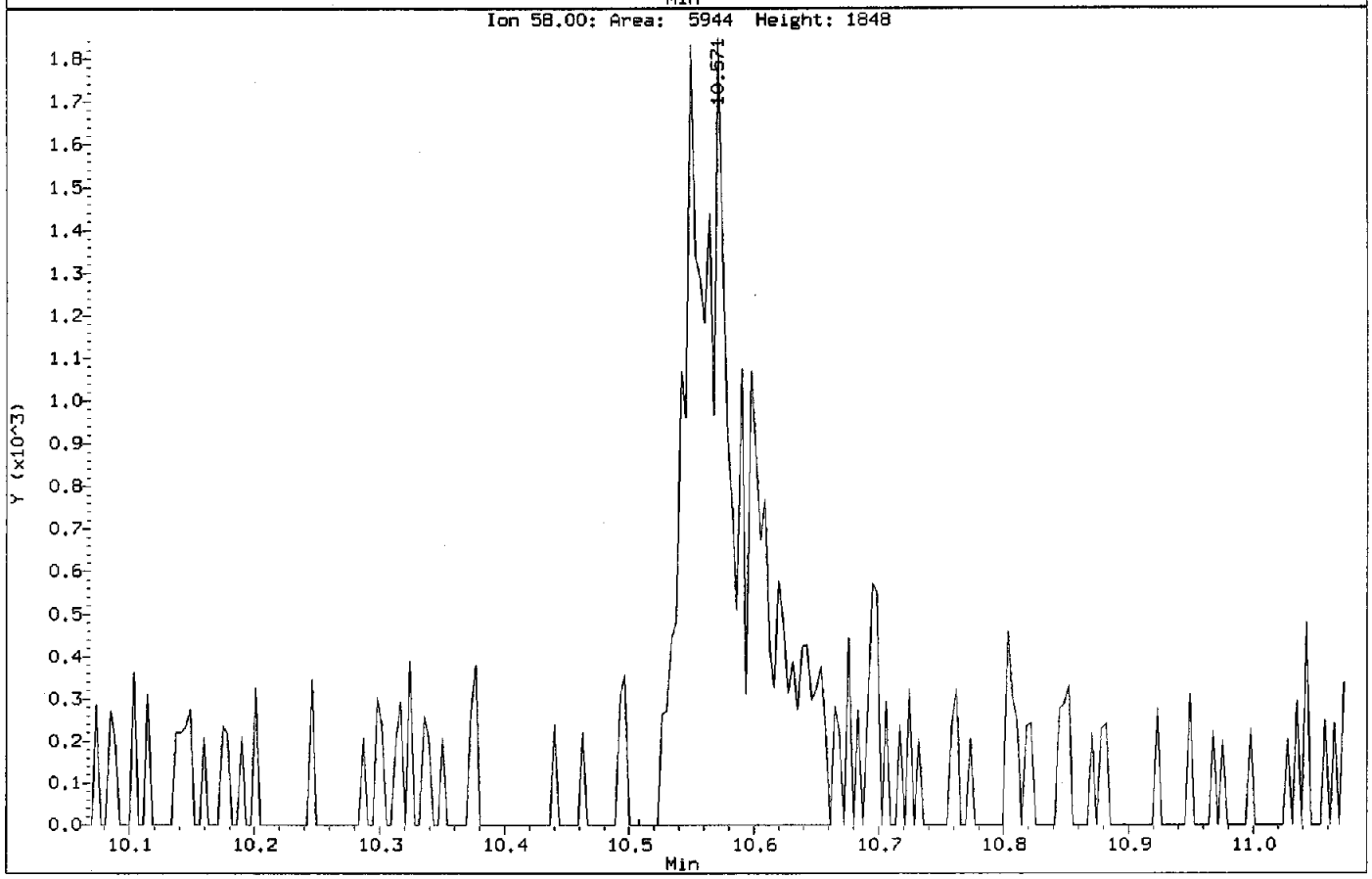
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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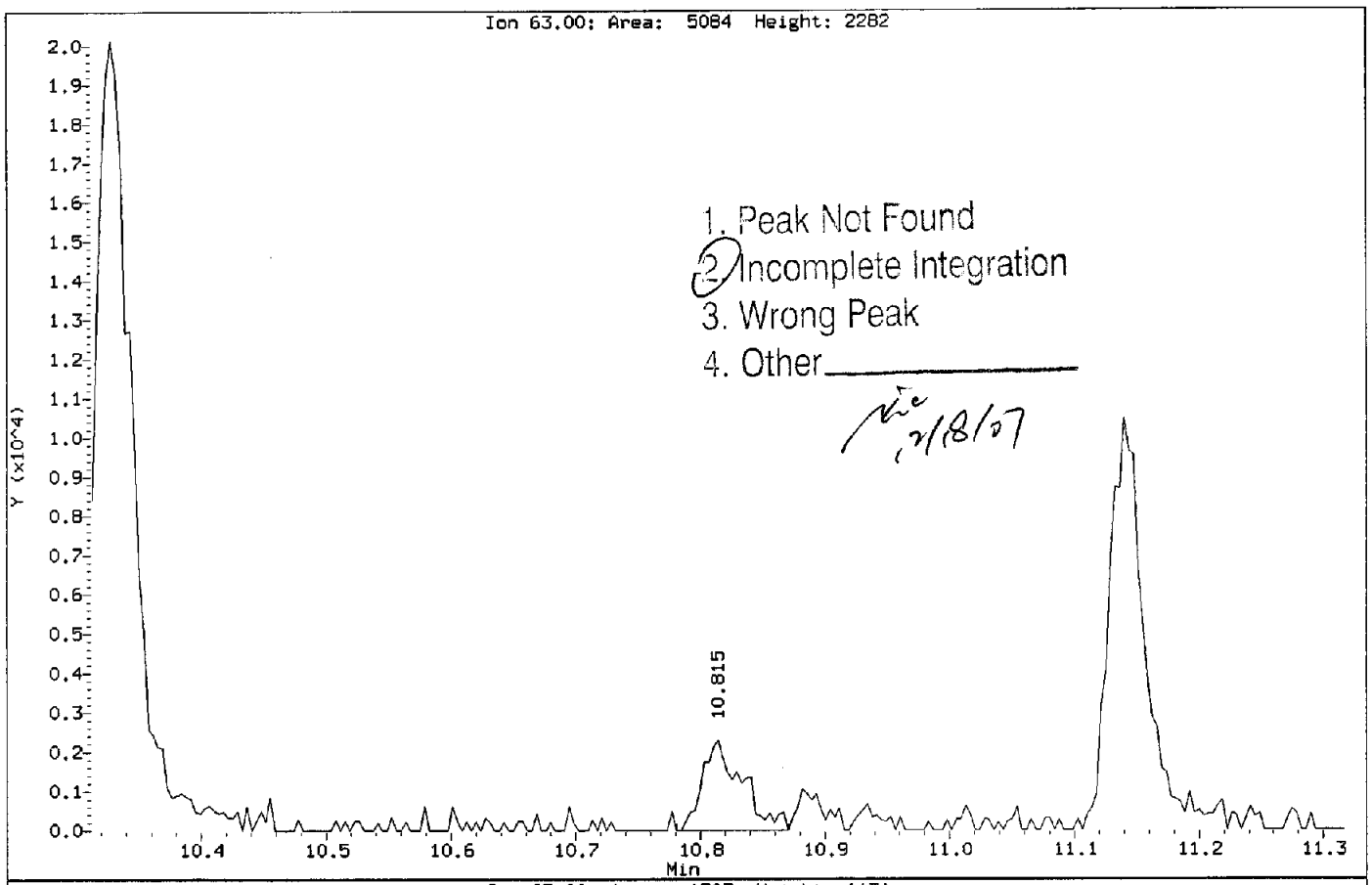
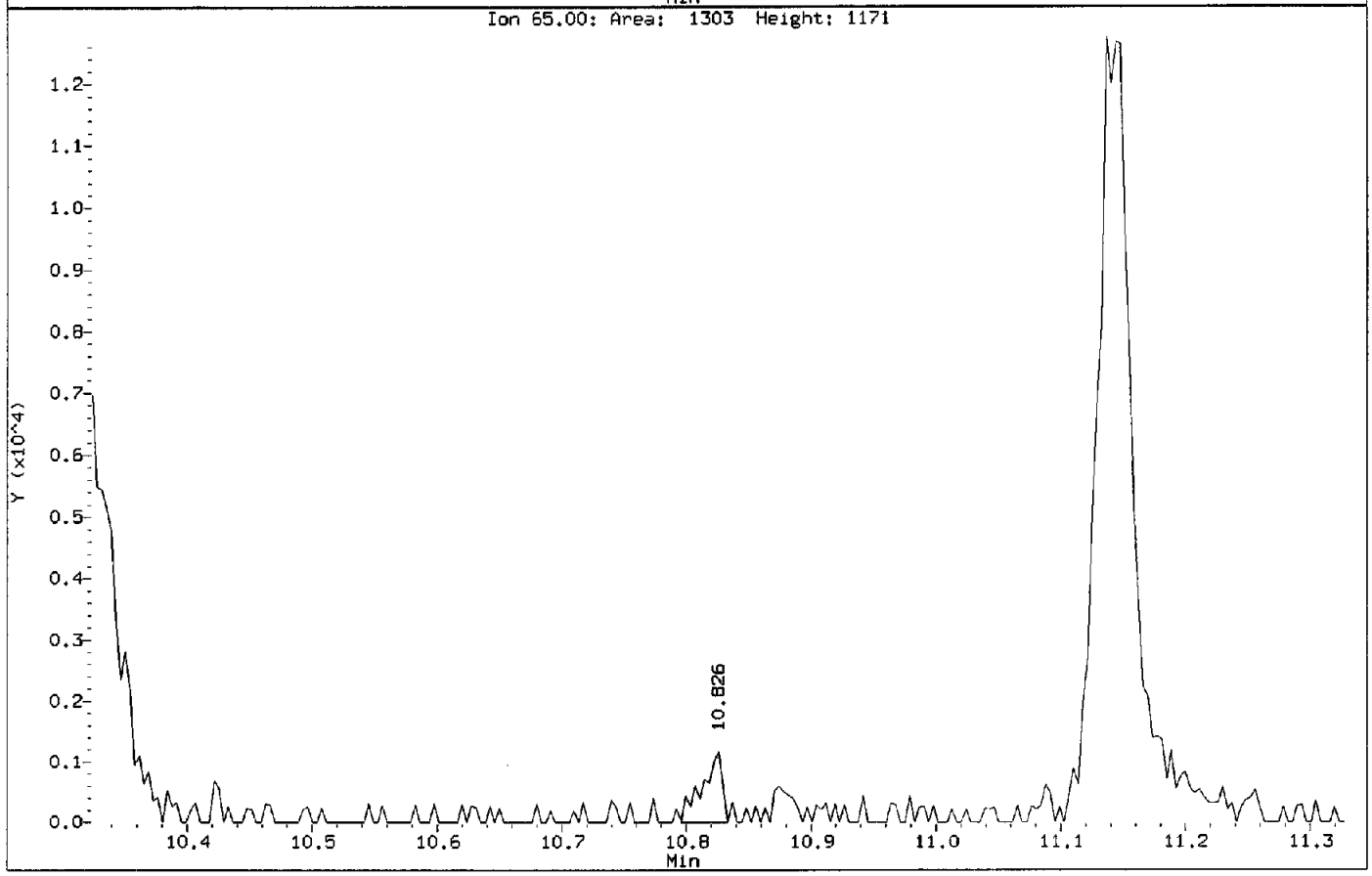
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: 2-chloroethyl vinyl ether
CAS Number: 110-75-8





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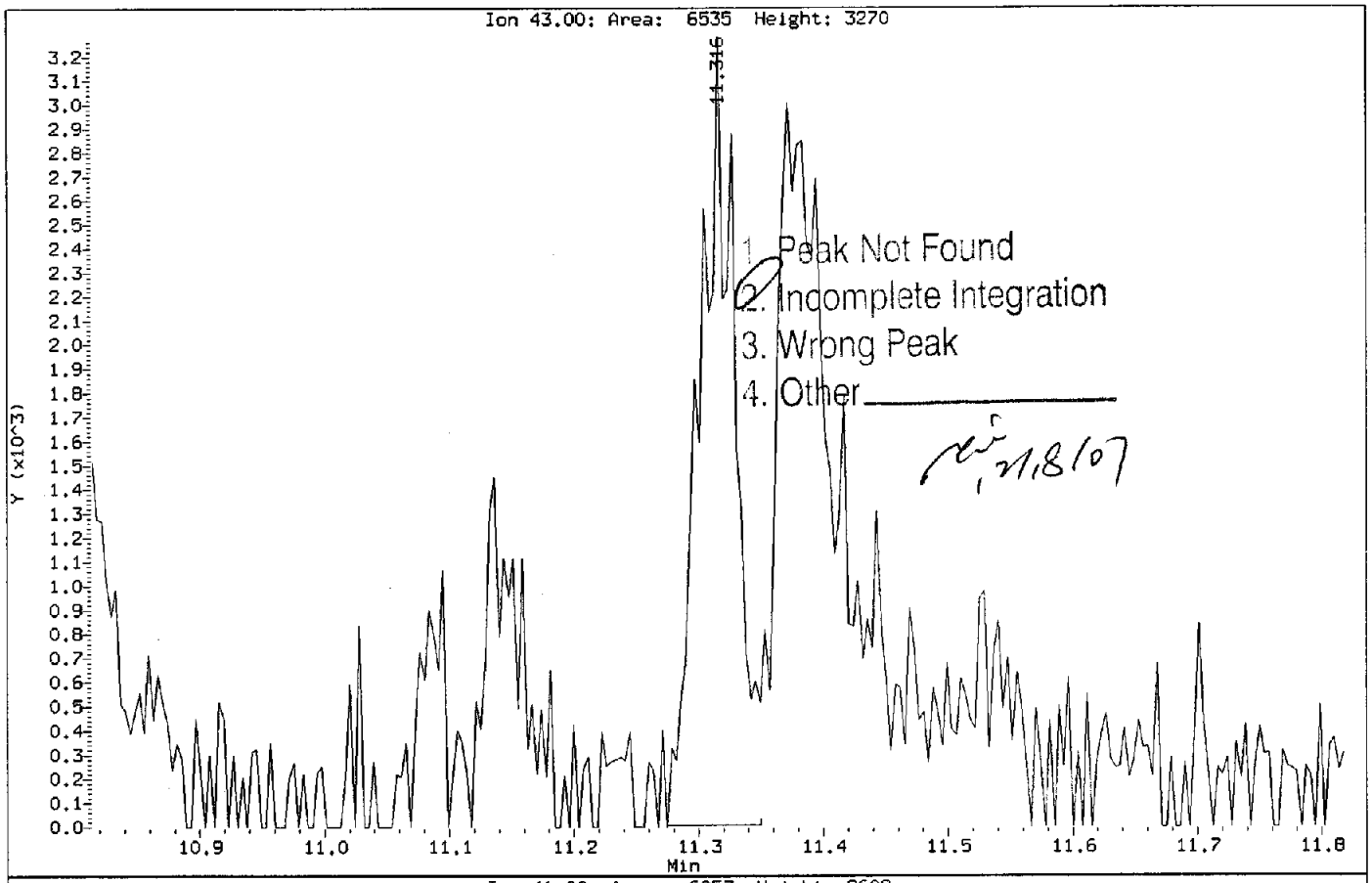
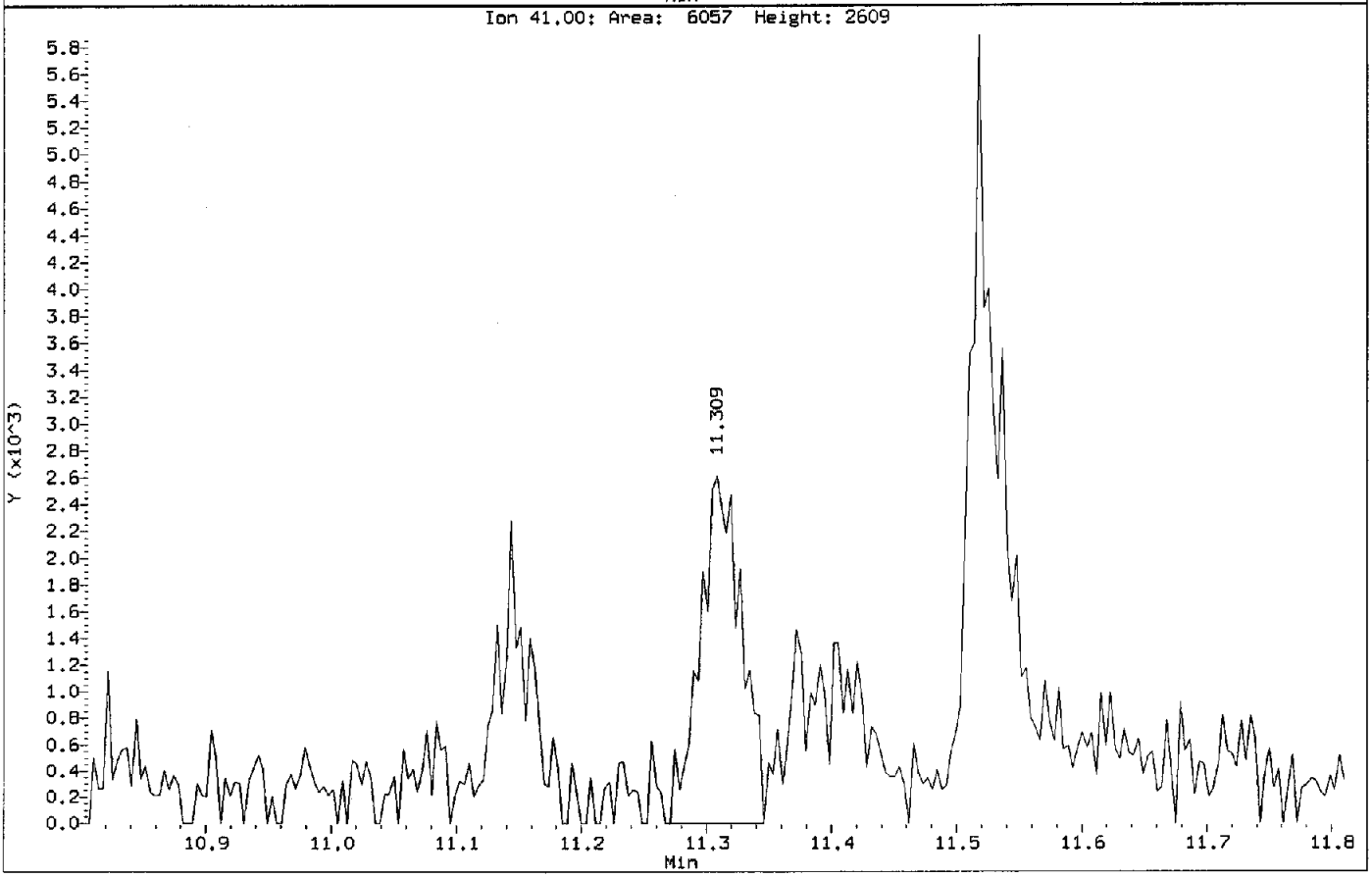
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: 2-Nitro-Propane
CAS Number: 79-46-9





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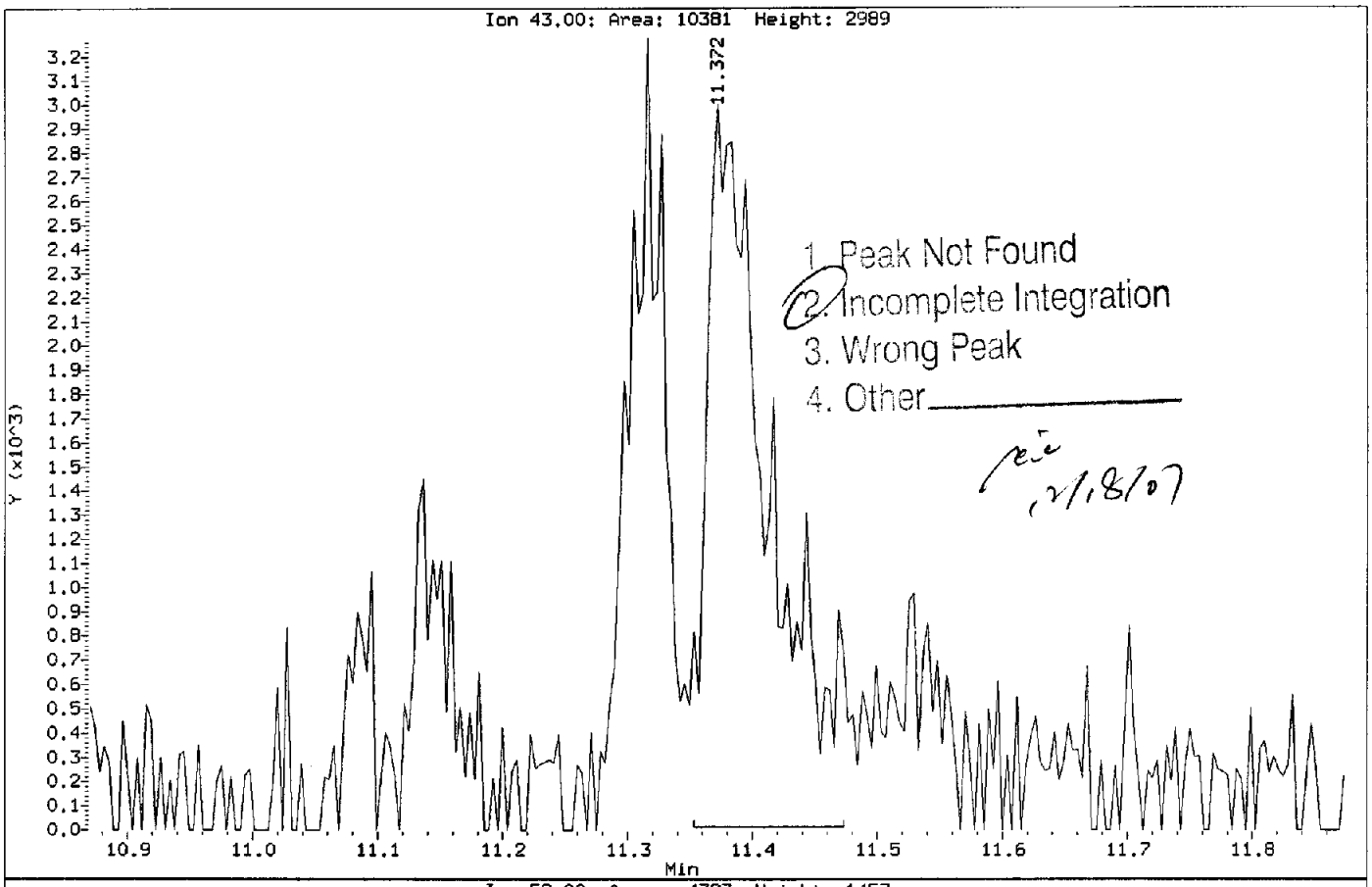
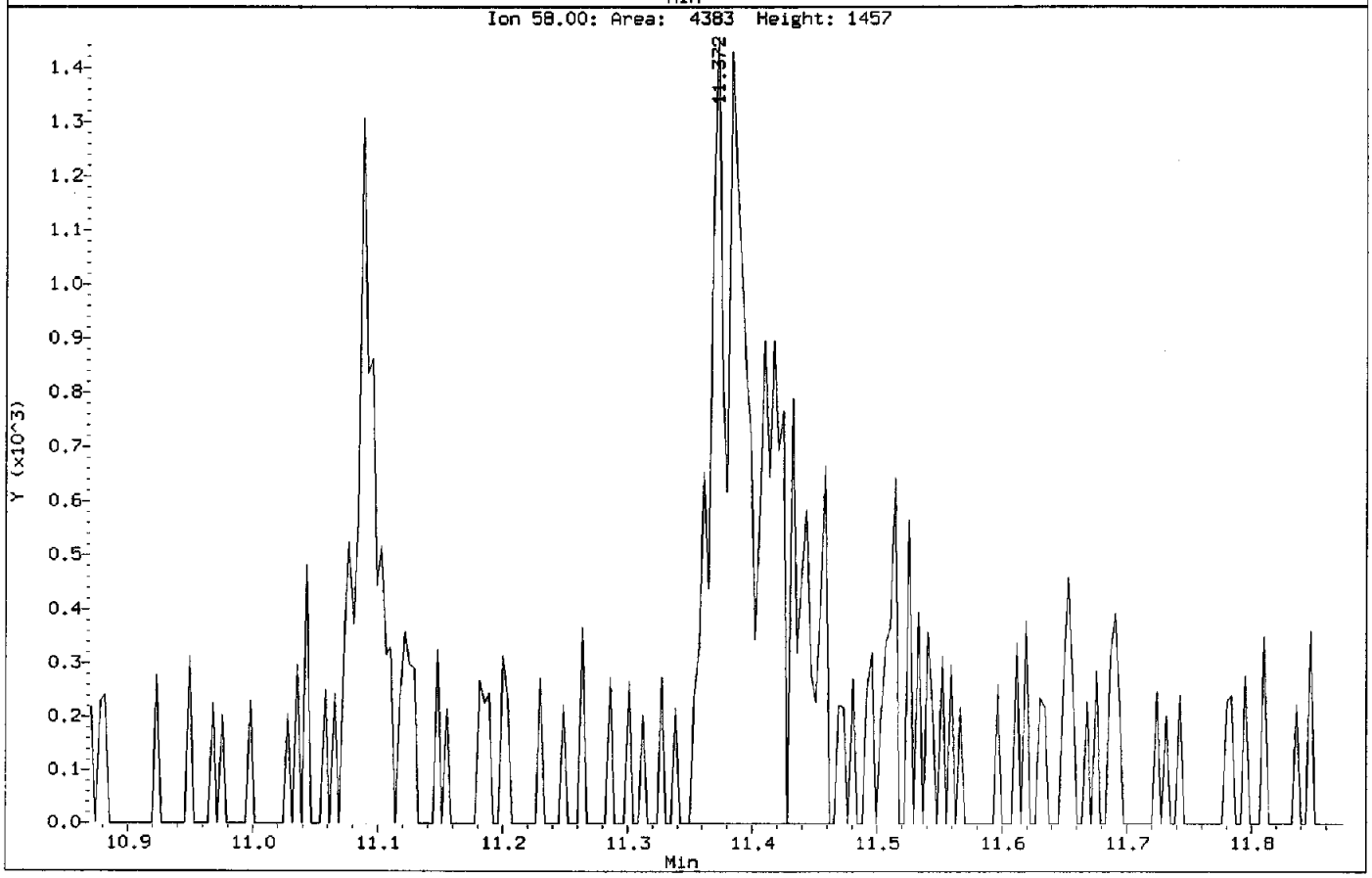
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: 4-Methyl-2-pentanone
CAS Number: 108-10-1





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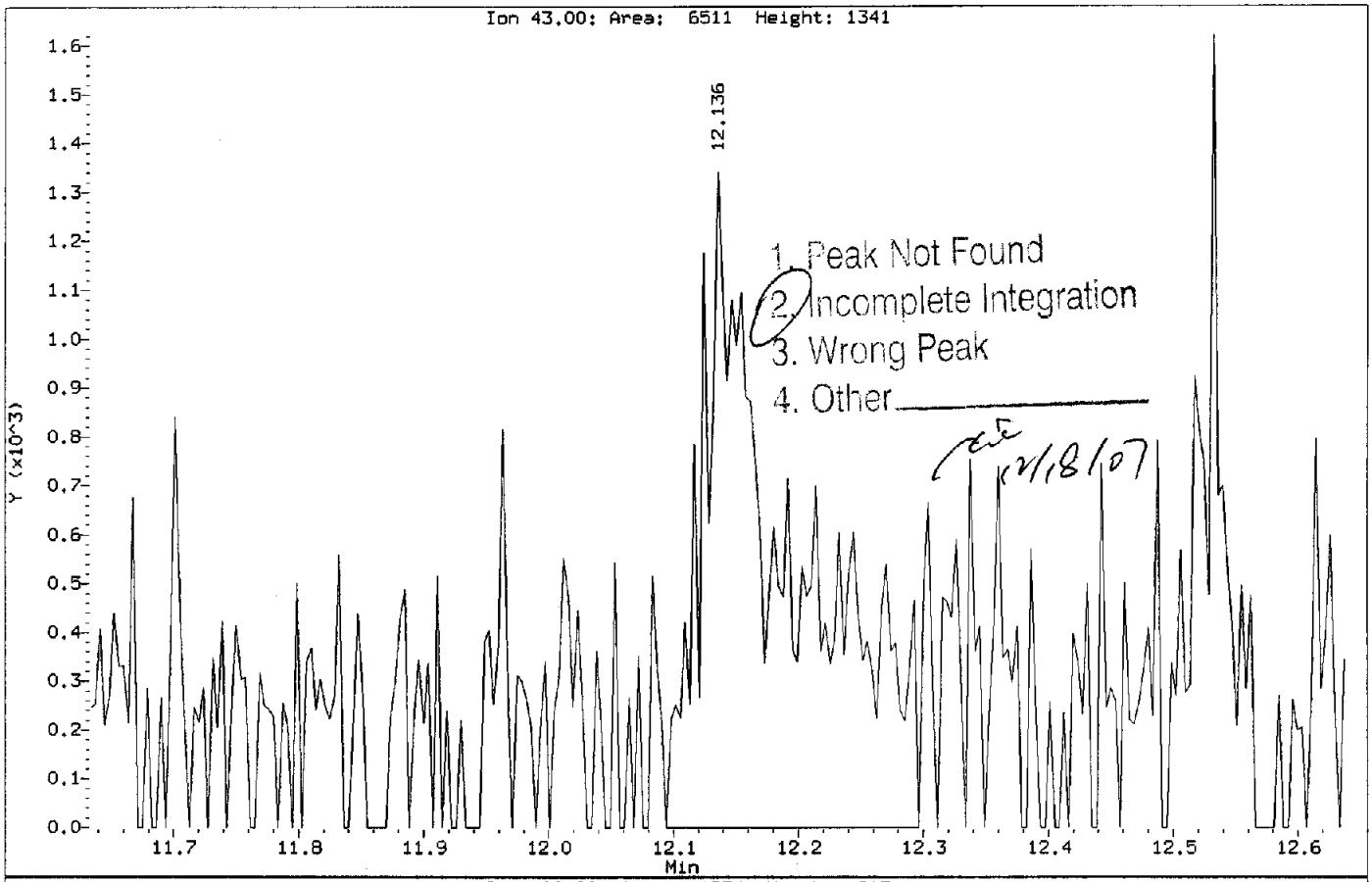
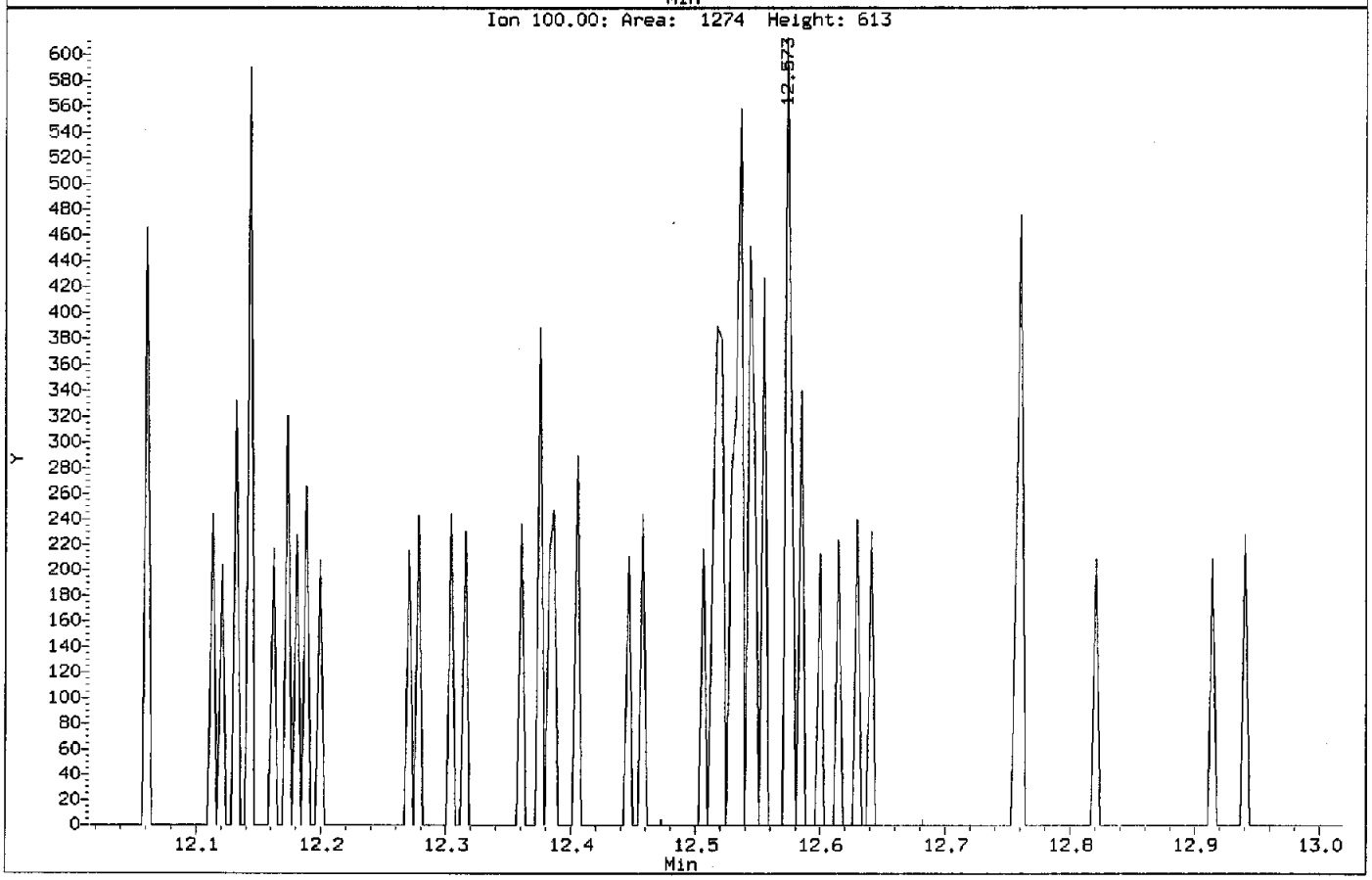
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: 2-Hexanone
CAS Number: 591-78-6





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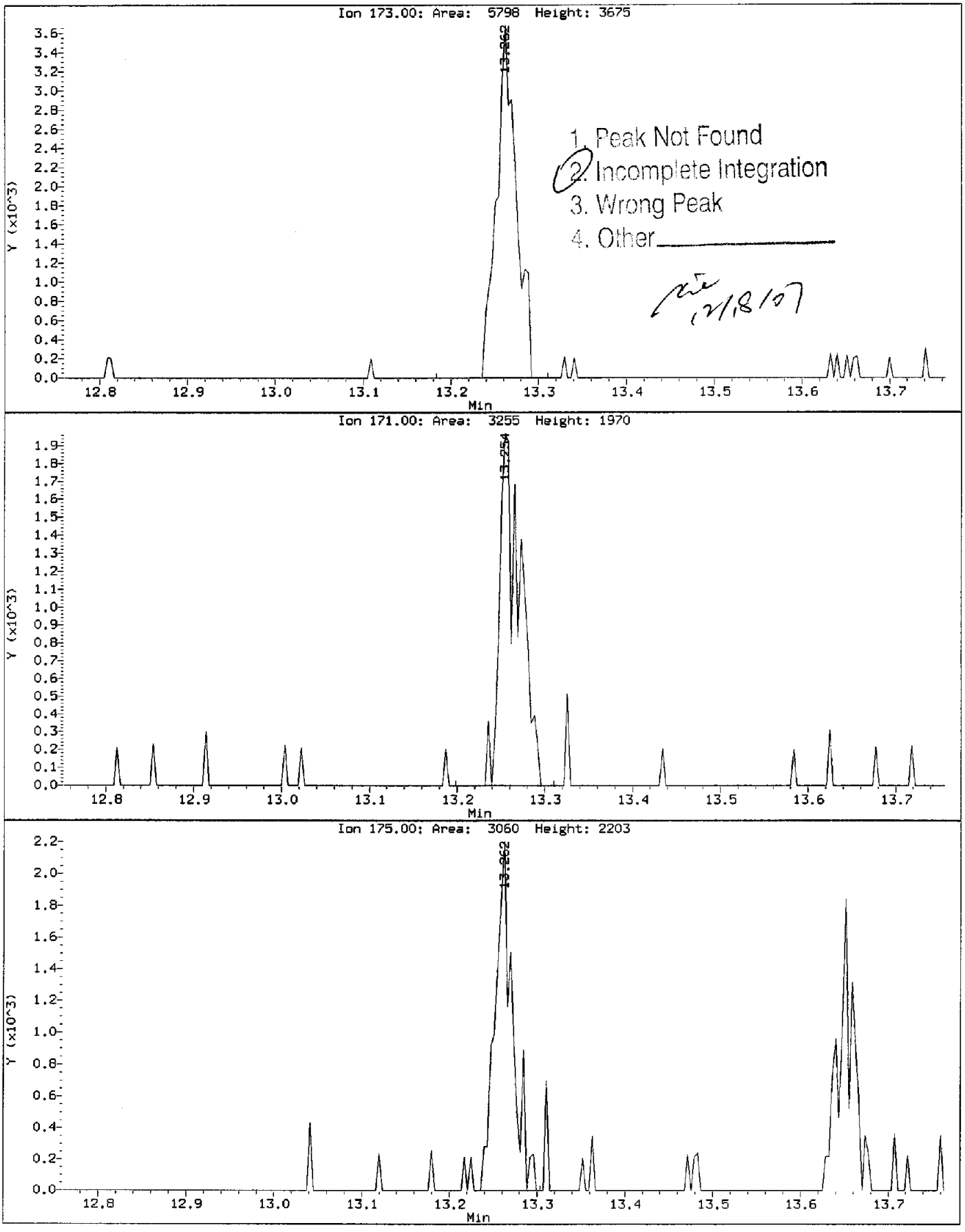
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Bromoform
CAS Number: 75-25-2



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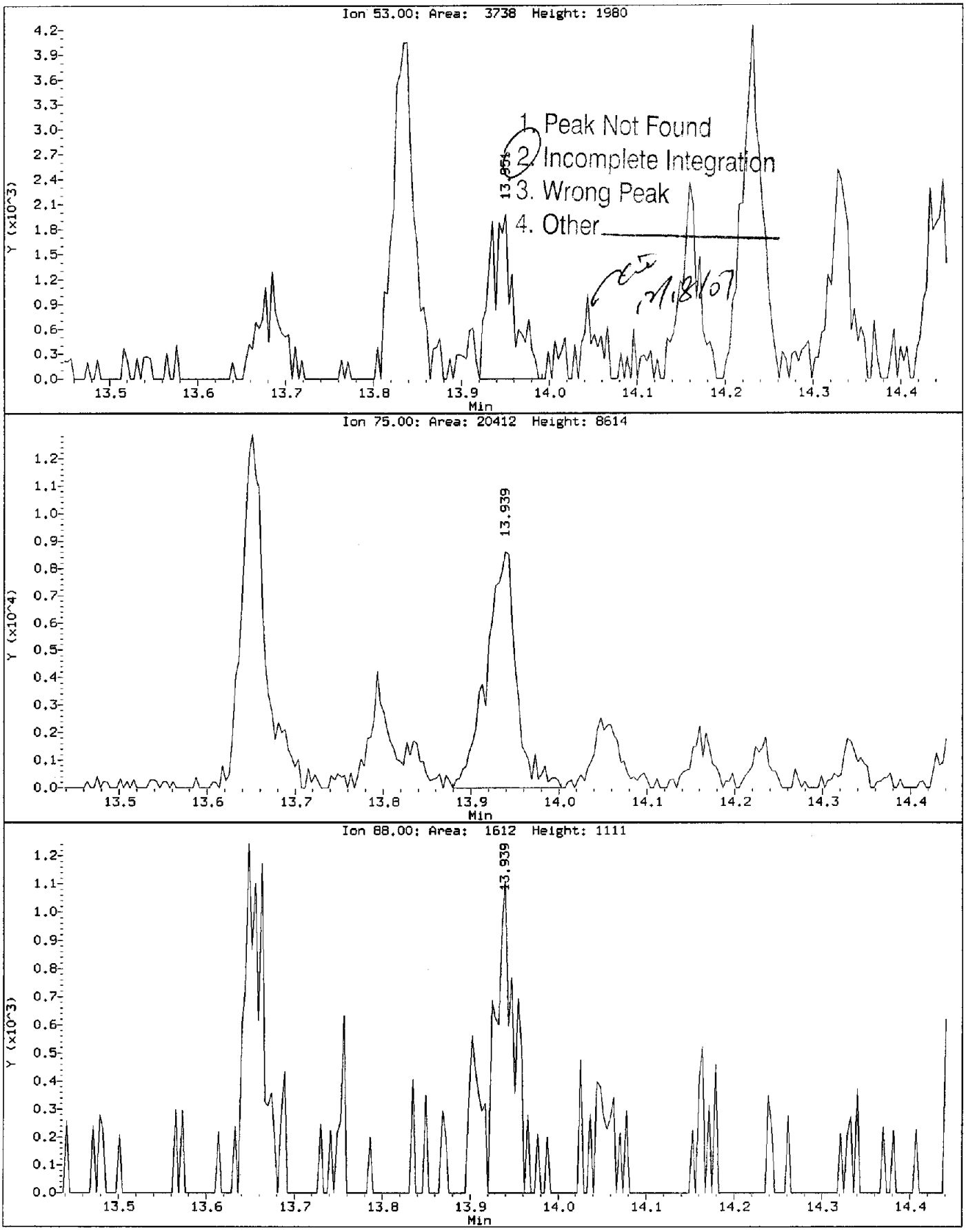
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: trans-1,4-dichloro-2-butene
CAS Number: 110-57-6



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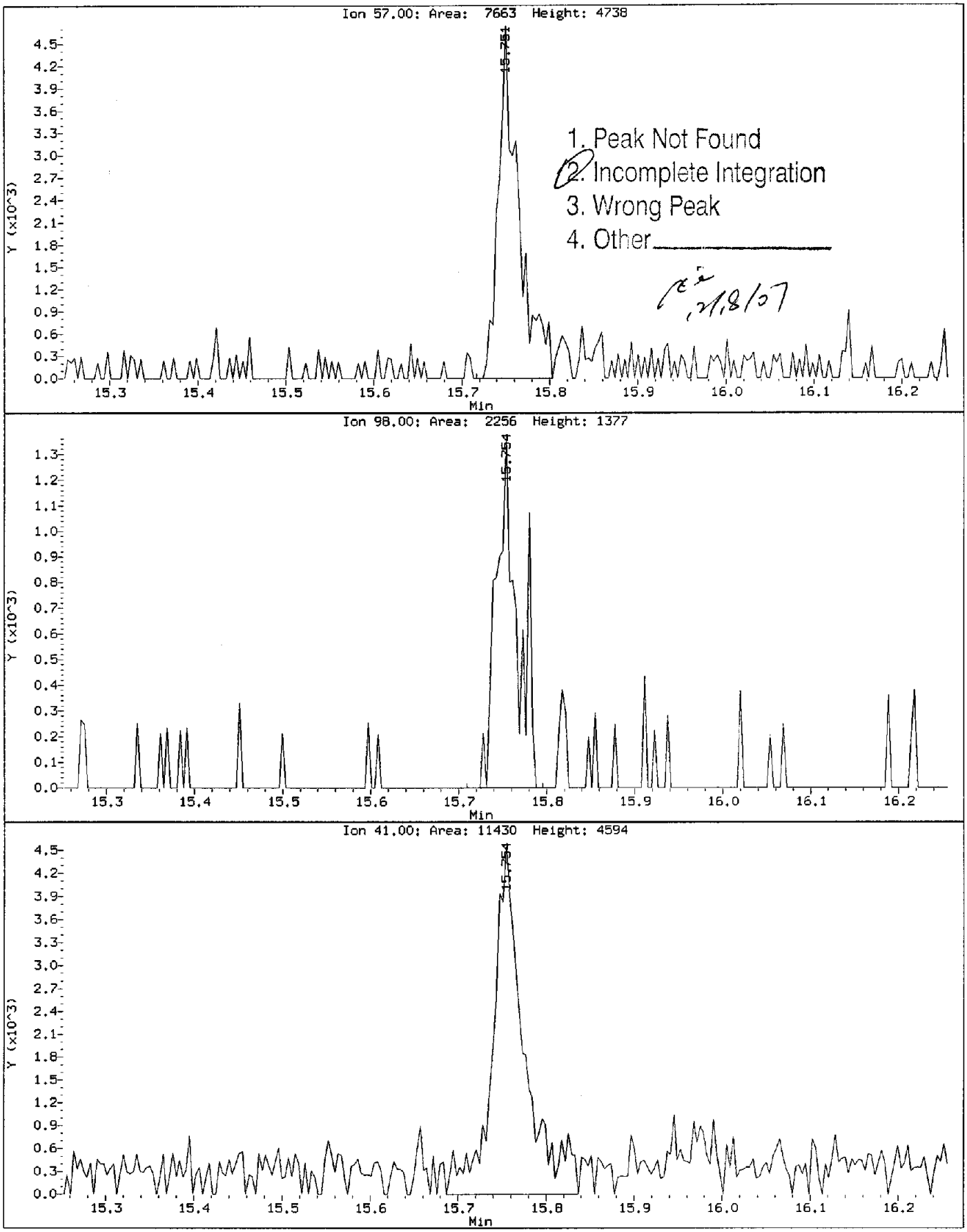
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Nonanal
CAS Number: 124-19-6



Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
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Inj Date : 17-DEC-2007 16:16
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD1.0;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 11:25 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 16:16 Cal File: LCAL7329.D
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.464	3.464	(0.358)	36835	1.00000	1.176
	2 Freon-114	135	3.737	3.737	(0.386)	9036	1.00000	1.226(M)
	3 Chloromethane	50	3.898	3.898	(0.403)	66672	1.00000	1.171
	4 Vinyl Chloride	62	4.100	4.100	(0.424)	60108	1.00000	1.247
	5 Bromomethane	94	4.804	4.804	(0.497)	19877	1.00000	0.2274
	6 Chloroethane	64	5.036	5.036	(0.521)	28158	1.00000	0.9666
	7 Trichlorofluoromethane	101	5.287	5.287	(0.547)	48374	1.00000	1.461
	8 Diethyl ether	59	5.799	5.799	(0.600)	17959	2.00000	2.181
	9 1,1-Dichloroethene	96	6.155	6.155	(0.636)	24466	1.00000	1.048
	10 1,1,2-Trichlorofluoroethane	101	6.136	6.136	(0.634)	28100	1.00000	1.191
	11 Carbon Disulfide	76	6.308	6.308	(0.652)	86230	1.00000	1.124
	12 Iodomethane	142	6.435	6.435	(0.665)	19455	1.00000	2.387(M)
	13 Acrolein	56	6.638	6.638	(0.686)	2608	5.00000	8.915(M)
	14 Allyl chloride	39	6.813	6.813	(0.704)	28260	1.00000	1.071
	15 Methylene Chloride	84	6.967	6.967	(0.720)	22755	1.00000	1.045
	16 Acetone	43	6.993	6.993	(0.723)	5172	1.00000	1.163(M)
	17 trans-1,2-Dichloroethene	96	7.184	7.184	(0.743)	29677	1.00000	1.057
	18 n-Hexane	57	7.176	7.176	(0.742)	55851	1.00000	1.127
	19 Methyl Acetate	74	7.158	7.158	(0.740)	2167	1.00000	1.036(M)
	20 MTBE	73	7.225	7.225	(0.747)	28541	1.00000	1.435(M)
M	21 1,2-Dichloroethene (total)	96				55876	2.00000	2.142
	22 Acetonitrile	41	7.596	7.596	(0.785)	4976	5.00000	7.712(M)

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	23 Acrylonitrile	53	7.940	7.940	(0.821)	10017	5.00000	4.641(M)
	24 1,1-Dichloroethane	63	7.872	7.872	(0.814)	54260	1.00000	1.097
	25 2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	44407	1.00000	1.115
	26 Vinyl acetate	43	8.101	8.101	(0.838)	11121	1.00000	0.8886
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	26199	1.00000	1.085
	28 2,2-Dichloropropane	77	8.542	8.542	(0.883)	45731	1.00000	1.109
	29 Bromochloromethane	128	8.703	8.703	(0.900)	6640	1.00000	1.184(M)
	30 Cyclohexane	84	8.662	8.662	(0.896)	50190	1.00000	1.157(M)
	31 Chloroform	83	8.707	8.707	(0.900)	47107	1.00000	1.163
	32 Ethyl acetate	43	8.808	8.808	(0.911)	3550	2.00000	3.547(M)
	33 Carbon Tetrachloride	117	8.902	8.902	(0.920)	35158	1.00000	1.062
	34 Isobutanol	42	8.913	8.913	(0.921)	7601	20.0000	31.58(M)
	35 Tetrahydrofuran	71	8.913	8.913	(0.921)	2914	5.00000	5.177(M)
$	36 Dibromofluoromethane	113	8.913	8.913	(0.921)	14029	1.00000	0.9673
	37 1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	44247	1.00000	1.112
	38 2-Butanone	43	8.935	8.935	(0.924)	3807	1.00000	2.120(M)
	39 1,1-Dichloropropene	75	9.055	9.055	(0.936)	43419	1.00000	1.125
	40 Benzene	78	9.317	9.317	(0.963)	124758	1.00000	1.102
	41 Propionitrile	54	9.298	9.298	(0.961)	3321	5.00000	4.818(M)
	42 Methacrylonitrile	41	9.306	9.306	(0.962)	13800	5.00000	7.046
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	11833	1.00000	1.038
	44 1,2-Dichloroethane	62	9.519	9.519	(0.984)	17328	1.00000	1.140
*	45 Fluorobenzene	96	9.672	9.672	(1.000)	978268	10.0000	
	47 Methylcyclohexane	55	9.811	9.811	(1.014)	44922	1.00000	1.094
	48 Trichloroethene	130	9.856	9.856	(1.019)	30480	1.00000	1.112
	49 Dibromomethane	93	10.316	10.316	(1.067)	5489	1.00000	1.121
	50 1,2-Dichloropropane	63	10.327	10.327	(1.068)	24717	1.00000	1.152
	51 Bromodichloromethane	83	10.398	10.398	(1.075)	22081	1.00000	1.073
M	52 Xylenes (total)	106				145812	3.00000	3.058
	53 Methyl methacrylate	69	10.432	10.432	(1.079)	3750	1.00000	0.9300(M)
	54 1,4-Dioxane	88	10.589	10.589	(1.095)	5680	20.0000	20.68(M)
	55 2-chloroethyl vinyl ether	63	10.833	10.833	(1.120)	2584	1.00000	0.9740(M)
	56 cis-1,3-Dichloropropene	75	10.941	10.941	(1.131)	24307	1.00000	1.144
$	57 Toluene-d8	98	11.091	11.091	(0.885)	83882	1.00000	1.036
	58 Toluene	91	11.147	11.147	(0.890)	127432	1.00000	1.123
	59 2-Nitro-Propane	43	11.297	11.297	(0.901)	4347	1.00000	1.824(M)
	60 4-Methyl-2-pentanone	43	11.401	11.401	(0.910)	5073	1.00000	1.053(M)
	61 trans-1,3-Dichloropropene	75	11.502	11.502	(0.918)	13810	1.00000	1.022
	62 Tetrachloroethene	164	11.525	11.525	(0.920)	25788	1.00000	1.430
	63 Ethyl methacrylate	69	11.547	11.547	(0.921)	7012	1.00000	1.938(M)
	64 1,1,2-Trichloroethane	97	11.667	11.667	(0.931)	10171	1.00000	1.238
	65 Chlorodibromomethane	129	11.903	11.903	(0.950)	8789	1.00000	1.091
	66 1,3-Dichloropropane	76	11.918	11.918	(0.951)	18059	1.00000	1.171
	67 1,2-Dibromoethane	107	12.157	12.157	(0.970)	7079	1.00000	1.188(M)
	68 2-Hexanone	43	12.154	12.154	(0.970)	2217	1.00000	1.253(M)
	69 Ethylbenzene	106	12.505	12.505	(0.998)	44302	1.00000	1.087
*	70 Chlorobenzene-d5	117	12.532	12.532	(1.000)	541435	10.0000	
	71 Chlorobenzene	112	12.554	12.554	(1.002)	67236	1.00000	1.158
	72 1,1,1,2-Tetrachloroethane	131	12.584	12.584	(1.004)	16804	1.00000	1.081
	73 m,p-Xylenes	106	12.618	12.618	(1.007)	103361	2.00000	2.010
	74 o-Xylene	106	13.037	13.037	(1.040)	42451	1.00000	1.048
	75 Styrene	104	13.100	13.100	(1.045)	81173	1.00000	1.448
	76 Bromoform	173	13.265	13.265	(0.901)	3216	1.00000	1.085(M)
	77 Isopropylbenzene	105	13.299	13.299	(0.903)	117344	1.00000	1.128

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
$	78 4-Bromofluorobenzene	95	13.650	13.650	(0.927)	18613	1.00000	1.028
	79 n-Propylbenzene	91	13.688	13.688	(0.929)	159627	1.00000	1.102
	80 Bromobenzene	156	13.793	13.793	(0.936)	17035	1.00000	1.156
	81 1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.934)	8629	1.00000	1.153
	82 1,3,5-Trimethylbenzene	105	13.838	13.838	(0.940)	95584	1.00000	1.085
	83 2-Chlorotoluene	91	13.912	13.912	(0.945)	75138	1.00000	1.086
	84 1,2,3-Trichloropropane	110	13.942	13.942	(0.947)	2673	1.00000	1.382(M)
	85 trans-1,4-dichloro-2-butene	53	13.942	13.942	(0.947)	2705	1.00000	1.756(M)
	86 4-Chlorotoluene	91	14.055	14.055	(0.954)	69818	1.00000	1.081(M)
	87 Cyclohexanone	55	14.025	14.025	(0.952)	3796	10.0000	8.919(M)
	88 t-Butylbenzene	119	14.163	14.163	(0.962)	90043	1.00000	1.143
	89 Pentachloroethane	167	14.279	14.279	(0.970)	5610	1.00000	1.160
	90 1,2,4-Trimethylbenzene	105	14.231	14.231	(0.966)	91573	1.00000	1.072
	91 sec-Butylbenzene	105	14.332	14.332	(0.973)	143590	1.00000	1.111
	92 4-Isopropyltoluene	119	14.440	14.440	(0.980)	104392	1.00000	1.064
	93 1,3-Dichlorobenzene	146	14.665	14.665	(0.996)	38682	1.00000	1.140
*	94 1,4 Dichlorobenzene-d4	152	14.728	14.728	(1.000)	184237	10.0000	
	95 1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	39243	1.00000	1.173
	96 n-Butylbenzene	91	14.863	14.863	(1.009)	113199	1.00000	1.084
	98 1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	27804	1.00000	1.108
	99 1,2-Dibromo-3-chloropropane	157	15.982	15.982	(1.085)	825	1.00000	1.231(M)
	100 Hexachlorobutadiene	225	16.558	16.558	(1.124)	11265	1.00000	1.141
	101 1,2,4-Trichlorobenzene	180	16.689	16.689	(1.133)	9344	1.00000	0.8252(M)
	102 Naphthalene	128	17.097	17.097	(1.161)	8490	1.00000	0.8336(M)
	103 1,2,3-Trichlorobenzene	180	17.299	17.299	(1.175)	5019	1.00000	0.7919(M)
	143 Nonanal	57	15.769	15.769	(1.630)	2405	1.00000	1.871(M)
$	158 1,2-Dichlorobenzene-d4	150	15.155	15.155	(1.029)	25402	1.00000	1.072

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

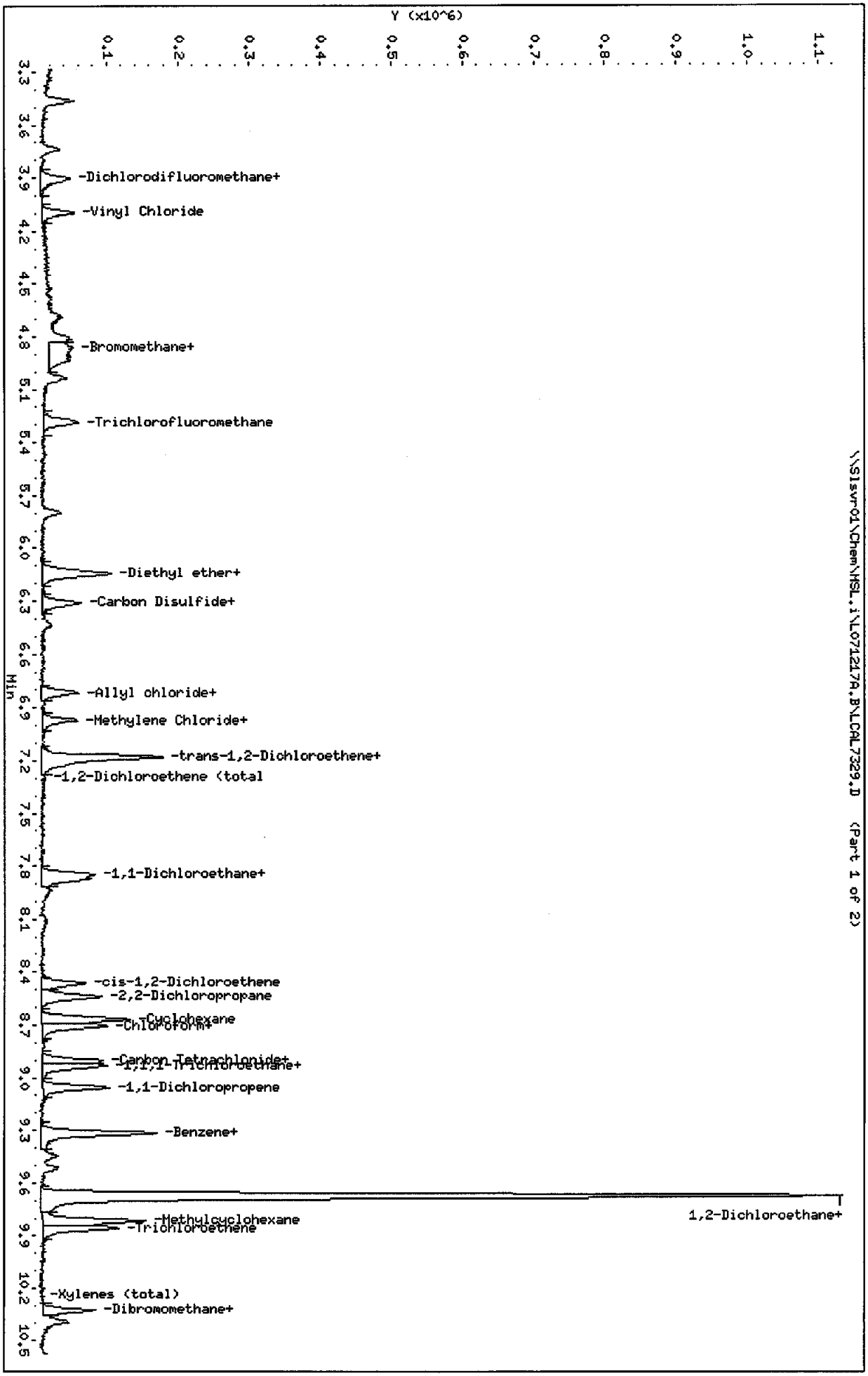
Instrument ID: MSL.i
Lab File ID: LCAL7329.D
Lab Smp Id: VSTD1.0
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

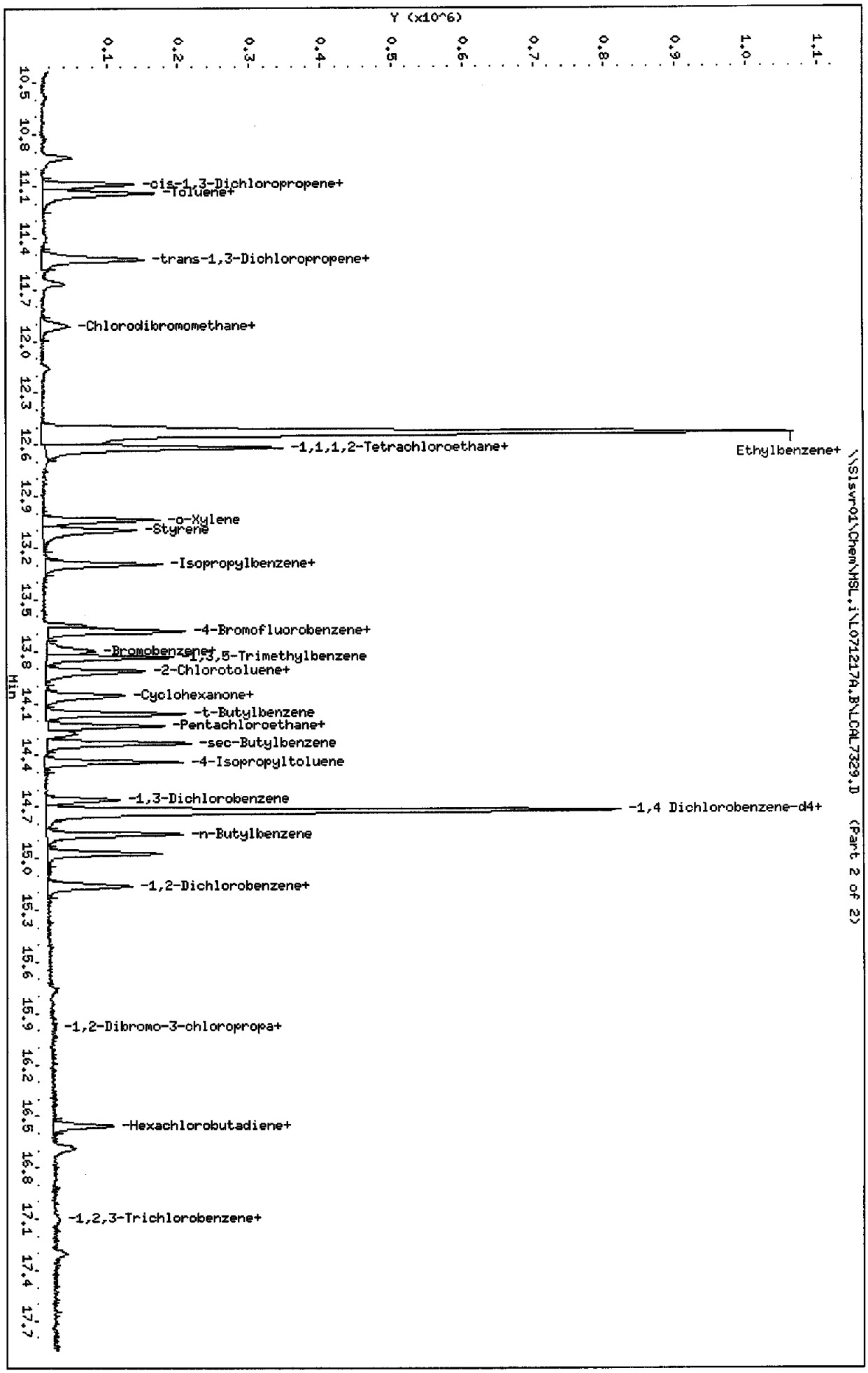
Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD1.0
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	978268	-0.58
70 Chlorobenzene-d5	563731	281866	1127462	541435	-3.96
94 1,4 Dichlorobenze	211084	105542	422168	184237	-12.72

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.02

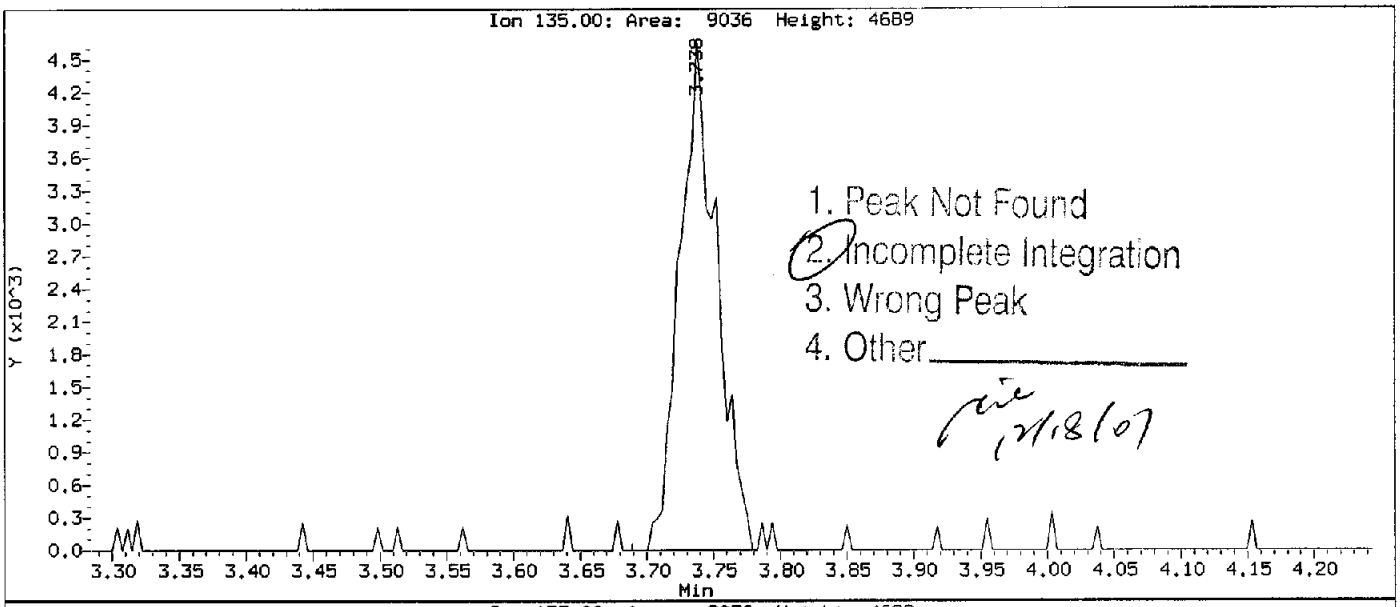
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

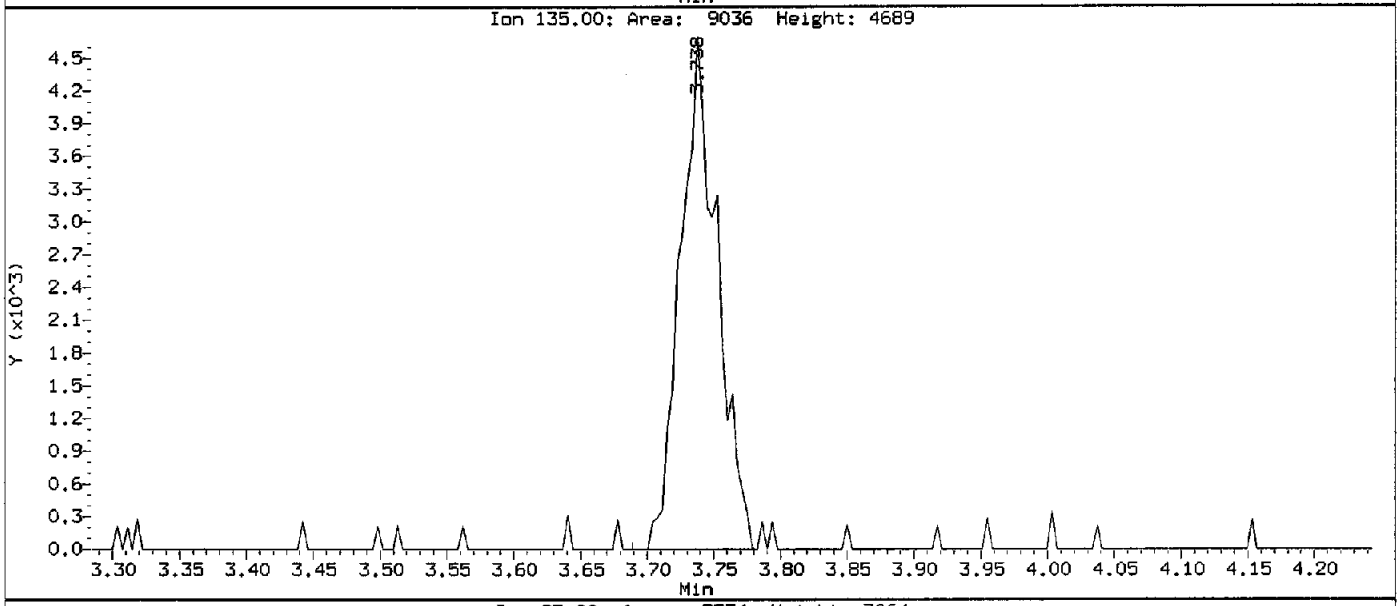

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Date : 17-DEC-2007 16:16
Client ID: VSTD1.0
Sample Info: VSTD1.0;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane+
-Vinyl Chloride
-Bromomethane+
-Trichlorofluoromethane
-Diethyl ether+
-Carbon Disulfide+
-Allyl chloride+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-1,1-Dichloroethane+
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Chloroform+
-Carbon Tetrachloride+
-1,1,1-Trichloroethane+
-1,1-Dichloropropene
-Benzene+
1,2-Dichloroethane+
-Methylcyclohexane
-Trichloroethene
-Xylenes (total)
-Dibromomethane+

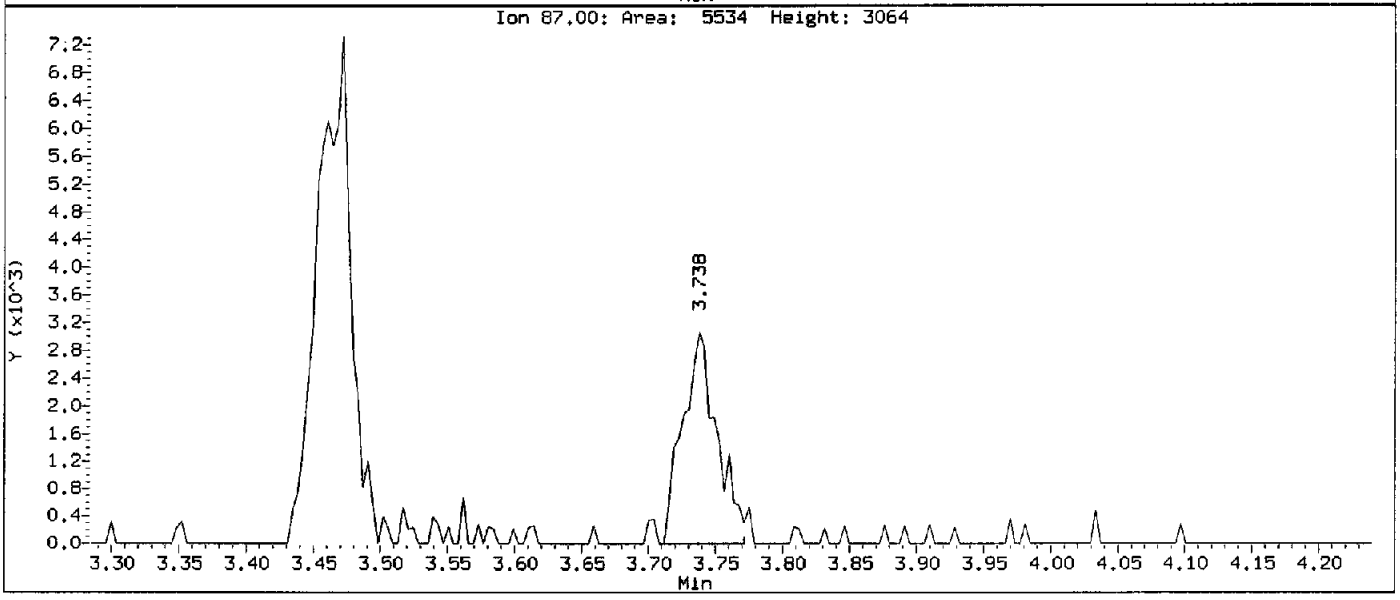

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Date : 17-DEC-2007 16:16
Client ID: VSTD1.0
Sample Info: VSTD1.0:L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D (Part 2 of 2)
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
Min
10.5
10.8
11.1
11.4
11.7
12.0
12.3
12.6
12.9
13.2
13.5
13.8
14.1
14.4
14.7
15.0
15.3
15.6
15.9
16.2
16.5
16.8
17.1
17.4
17.7
-cis-1,3-Dichloropropene+
-Toluene+
-trans-1,3-Dichloropropene+
-Chlorodibromomethane+
-1,1,1,2-Tetrachloroethane+
Ethylbenzene+
-o-Xylene
-Styrene
-Isopropylbenzene+
-4-Bromofluorobenzene+
-Bromobenzene+
1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-Cyclohexanone+
-t-Butylbenzene
-Pentachloroethane+
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene+
-1,2-Dibromo-3-chloropropa+
-Hexachlorobutadiene+
-1,2,3-Trichlorobenzene+

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Freon-114
CAS Number: 374-07-2







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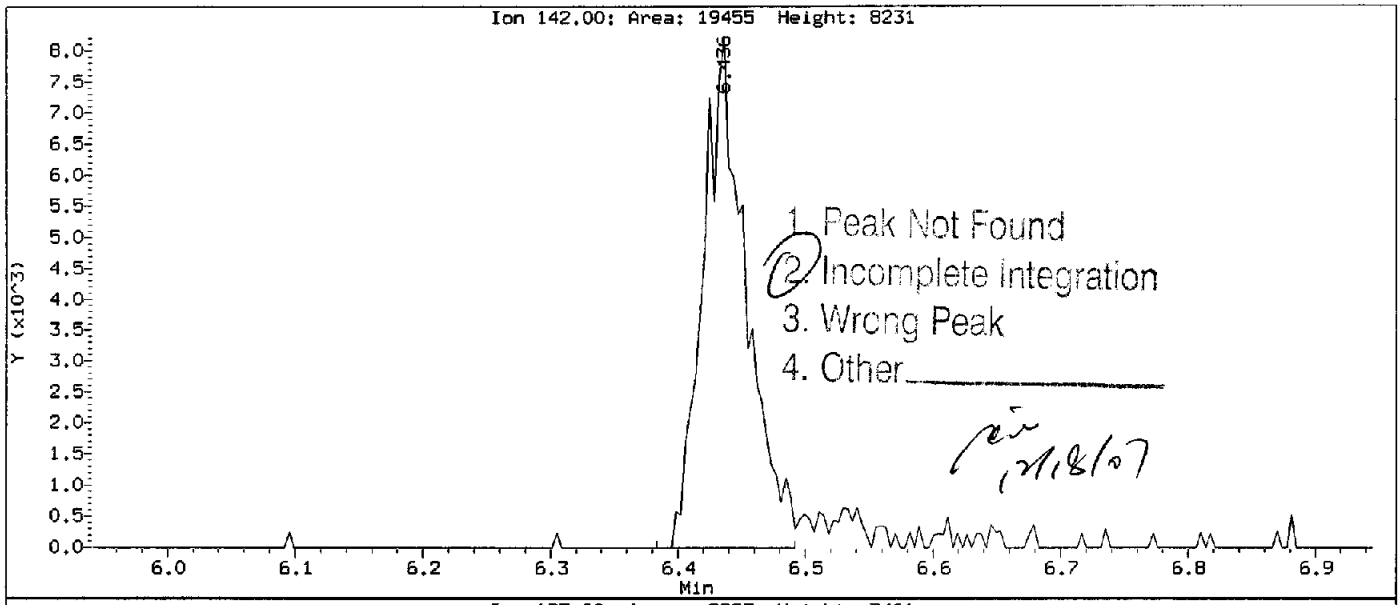
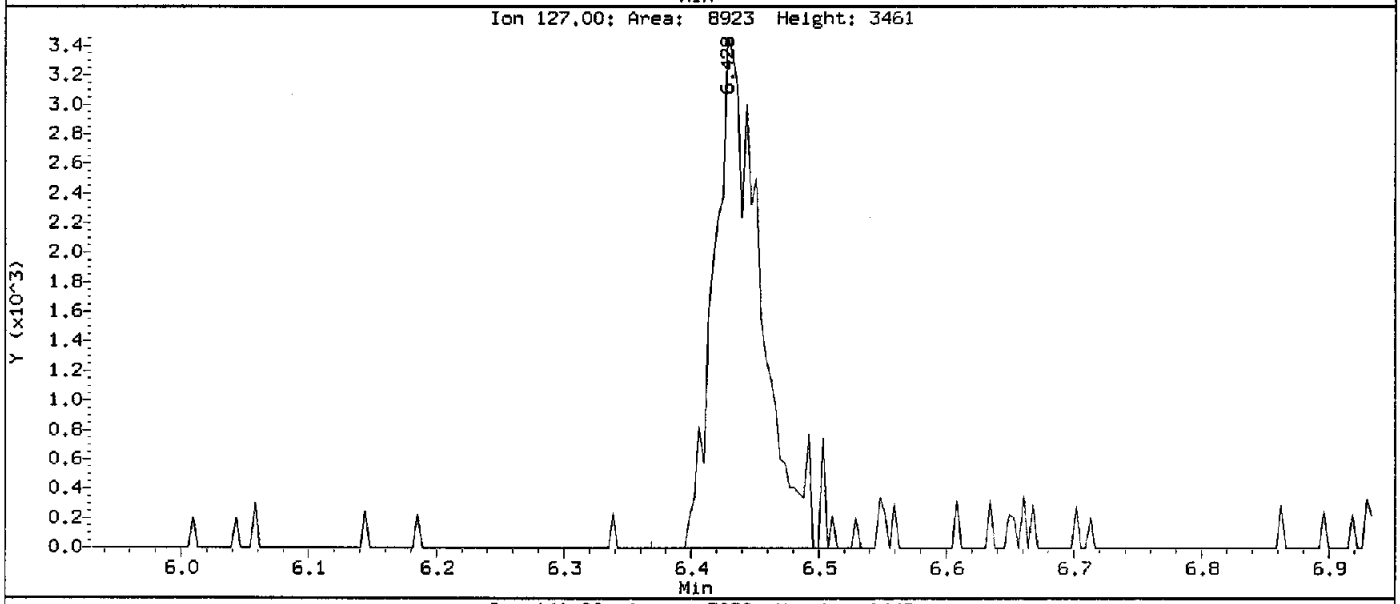
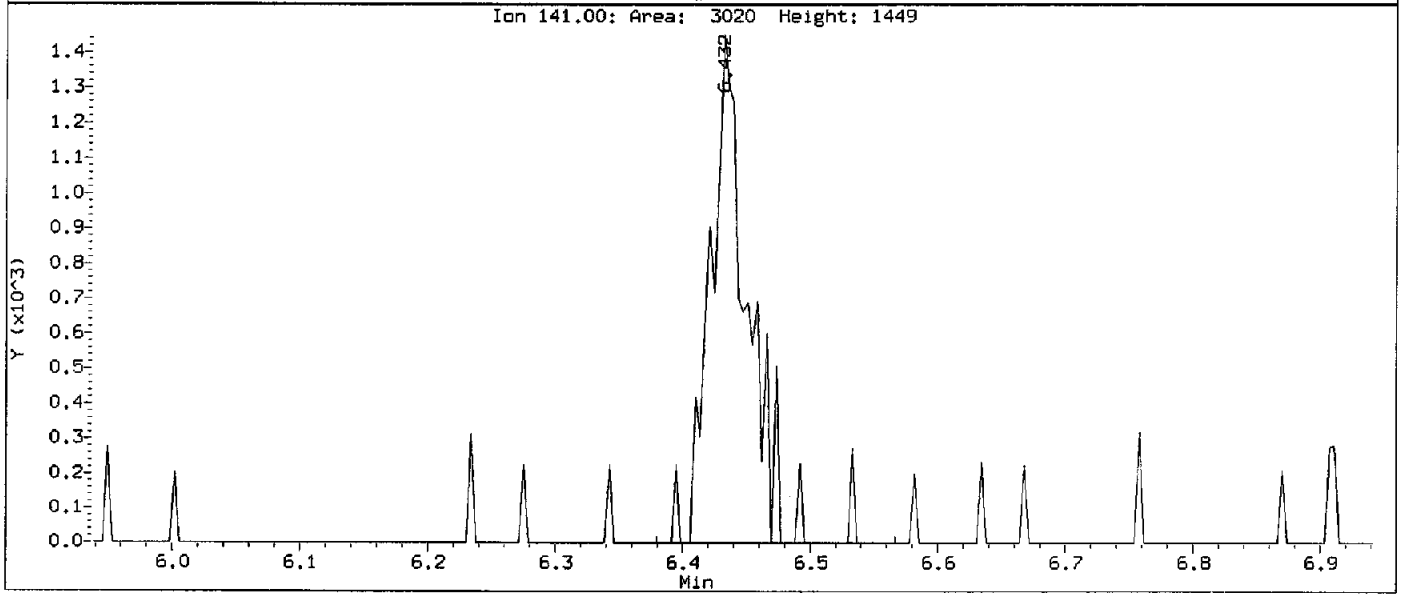
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Iodomethane
CAS Number: 74-88-4

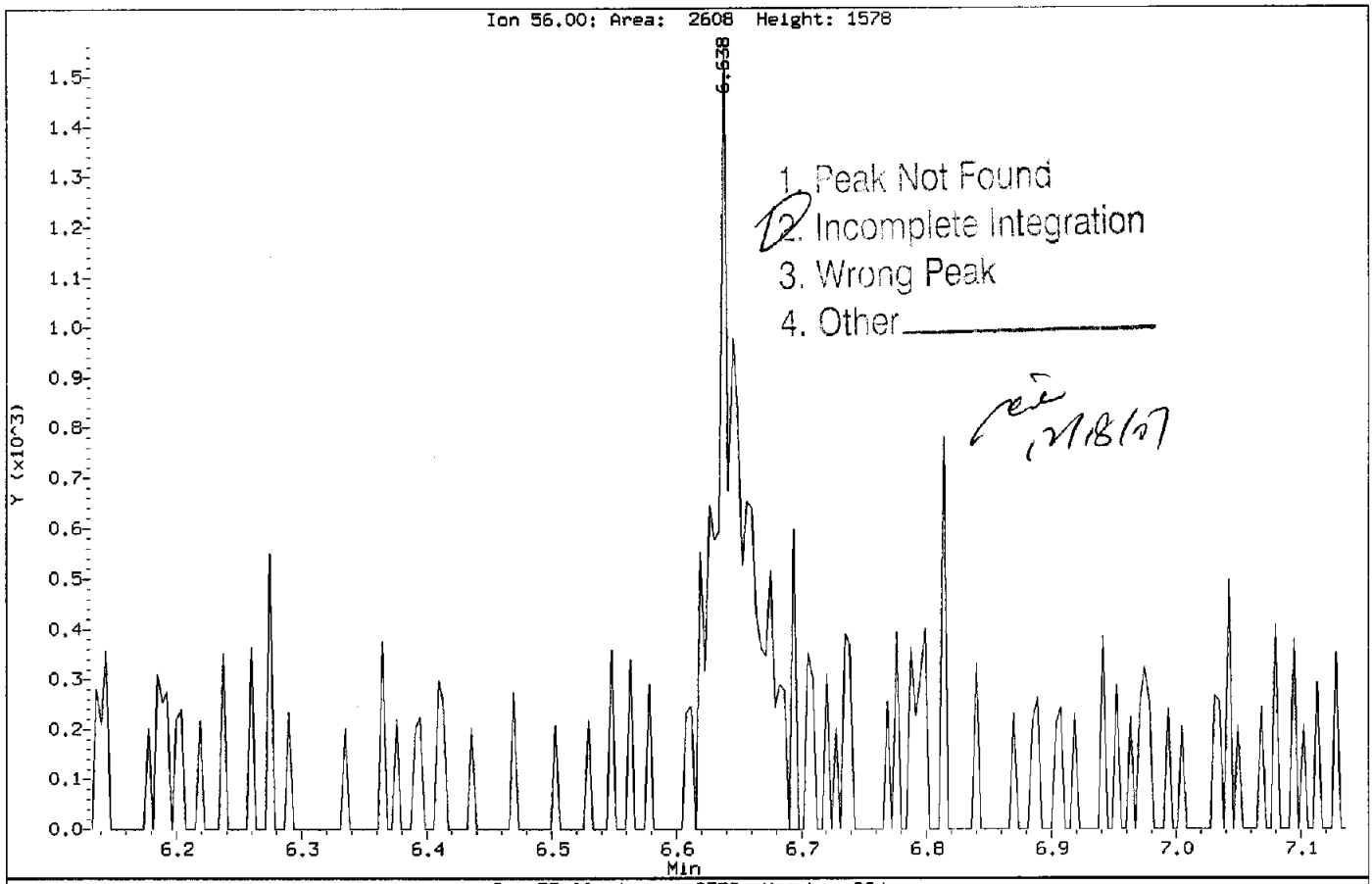


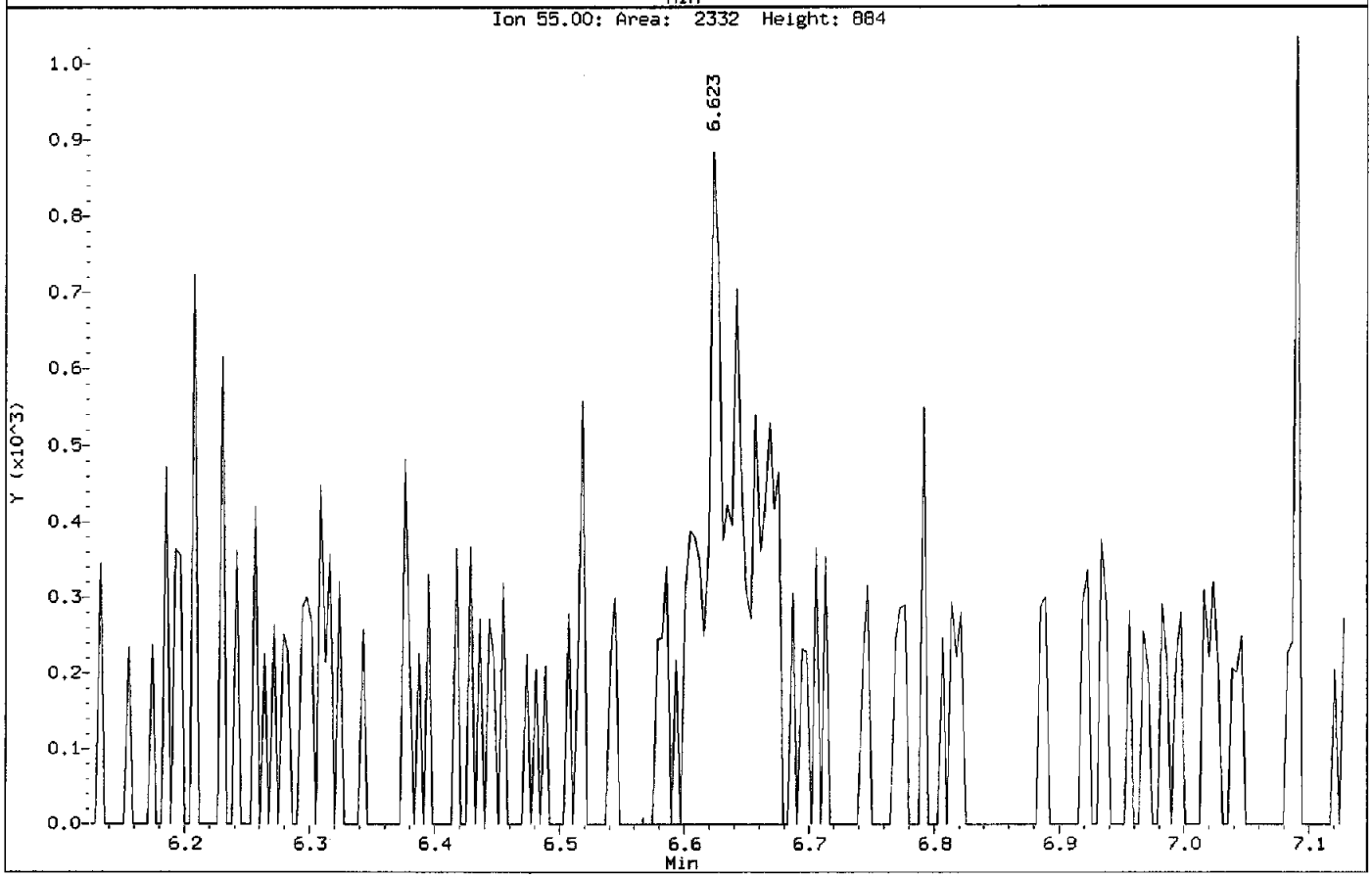




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Acrolein
CAS Number: 107-02-8





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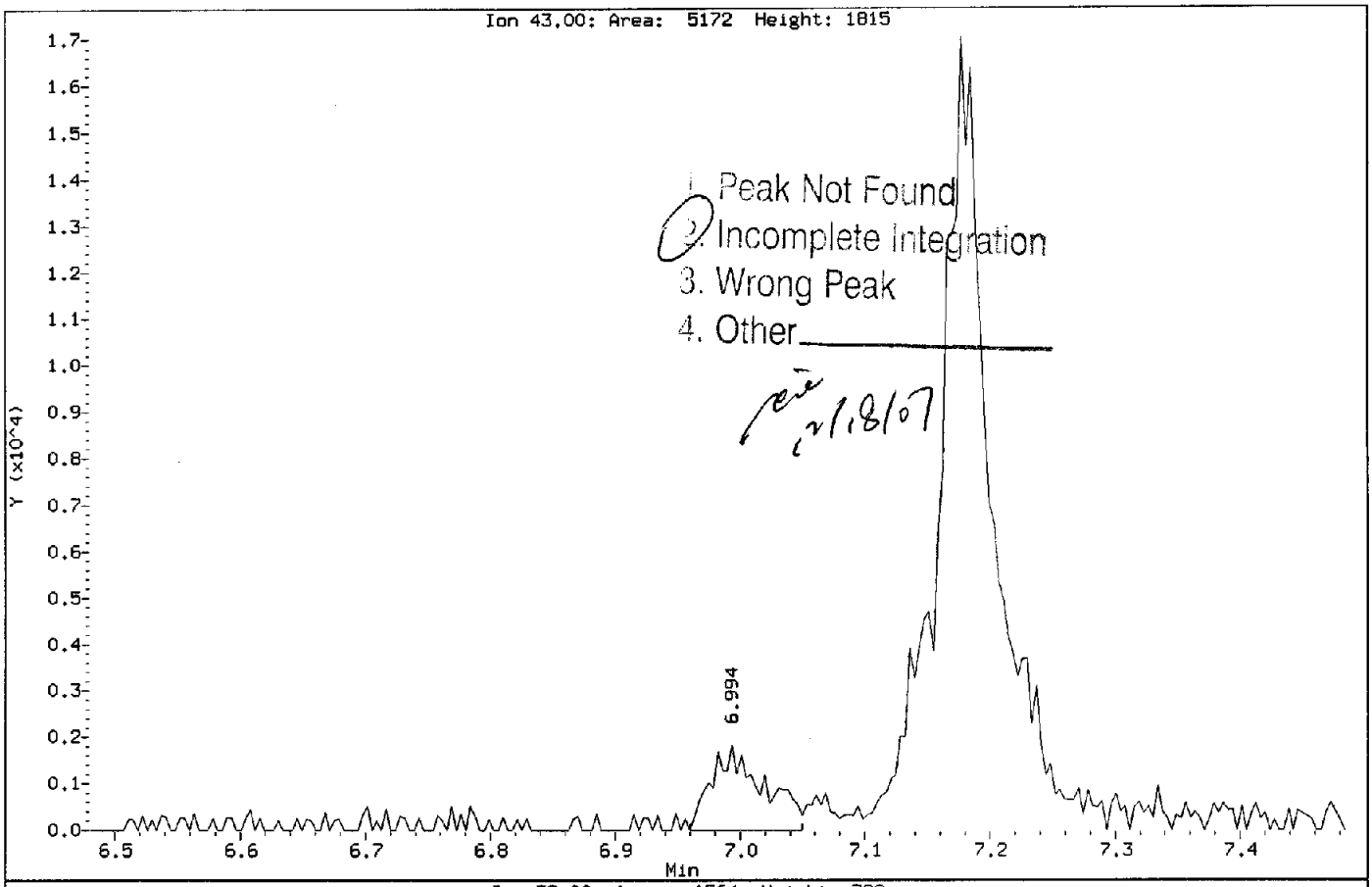
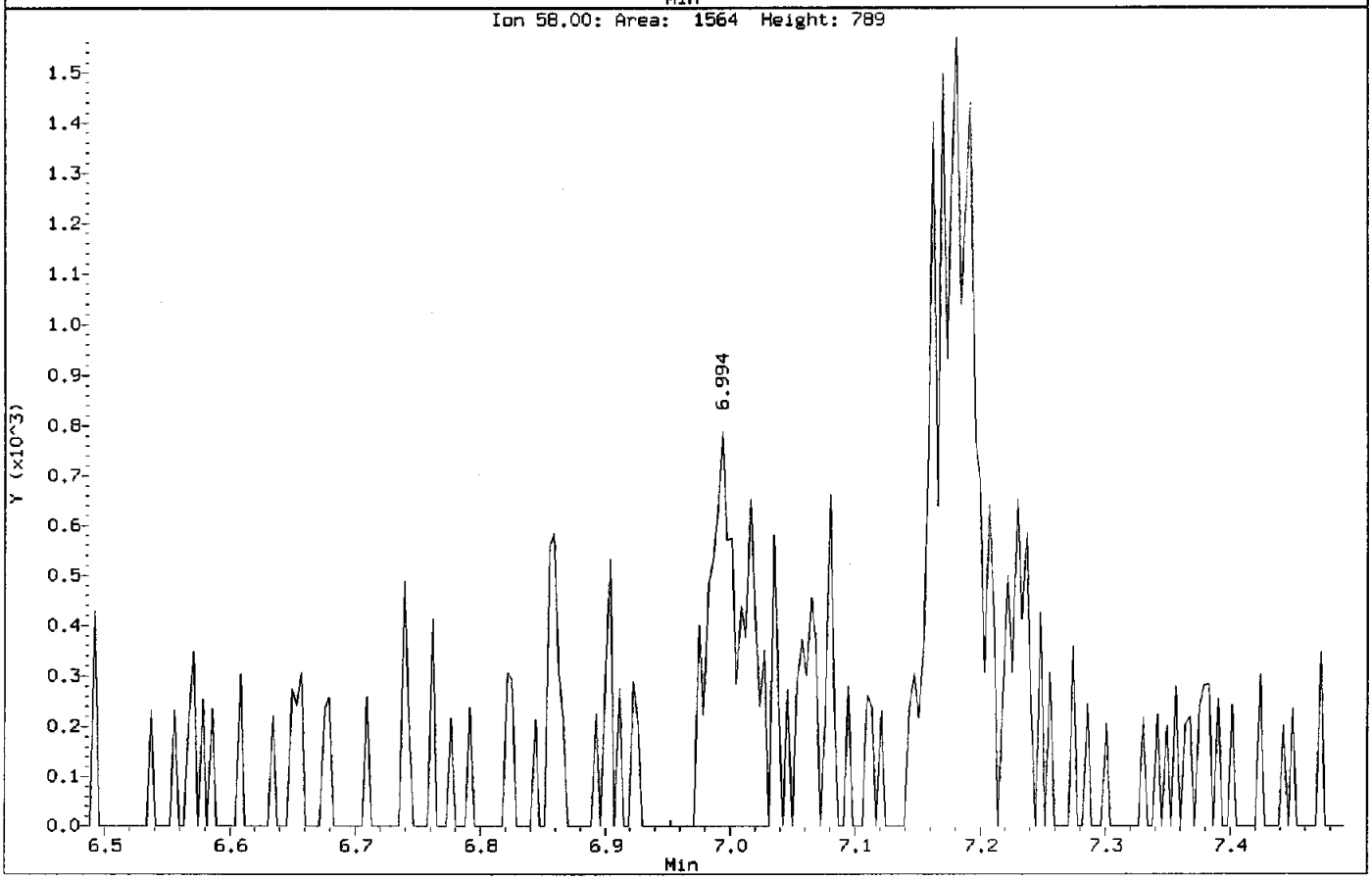
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Acetone
CAS Number: 67-64-1



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other

12/18/07



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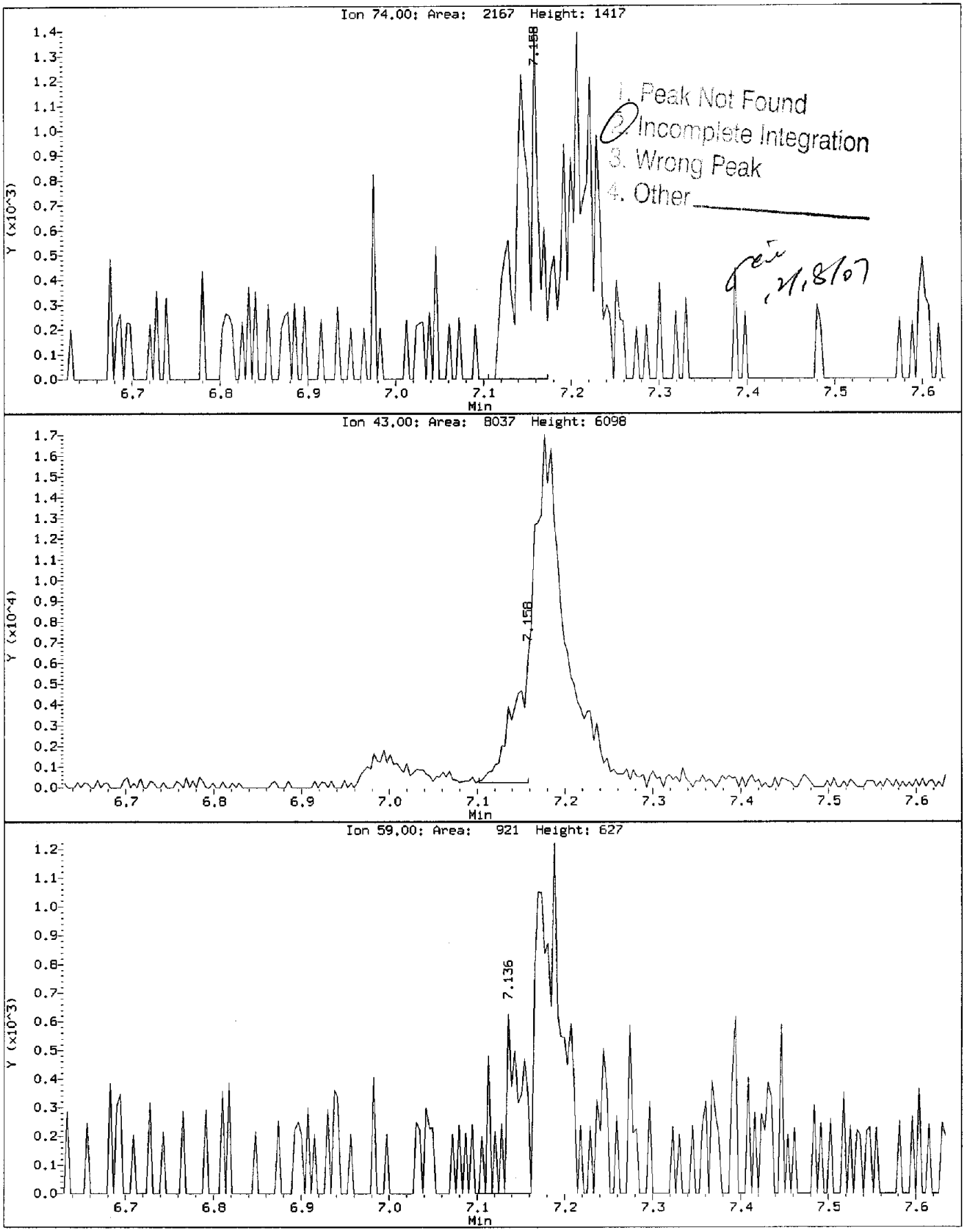
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Methyl Acetate
CAS Number:



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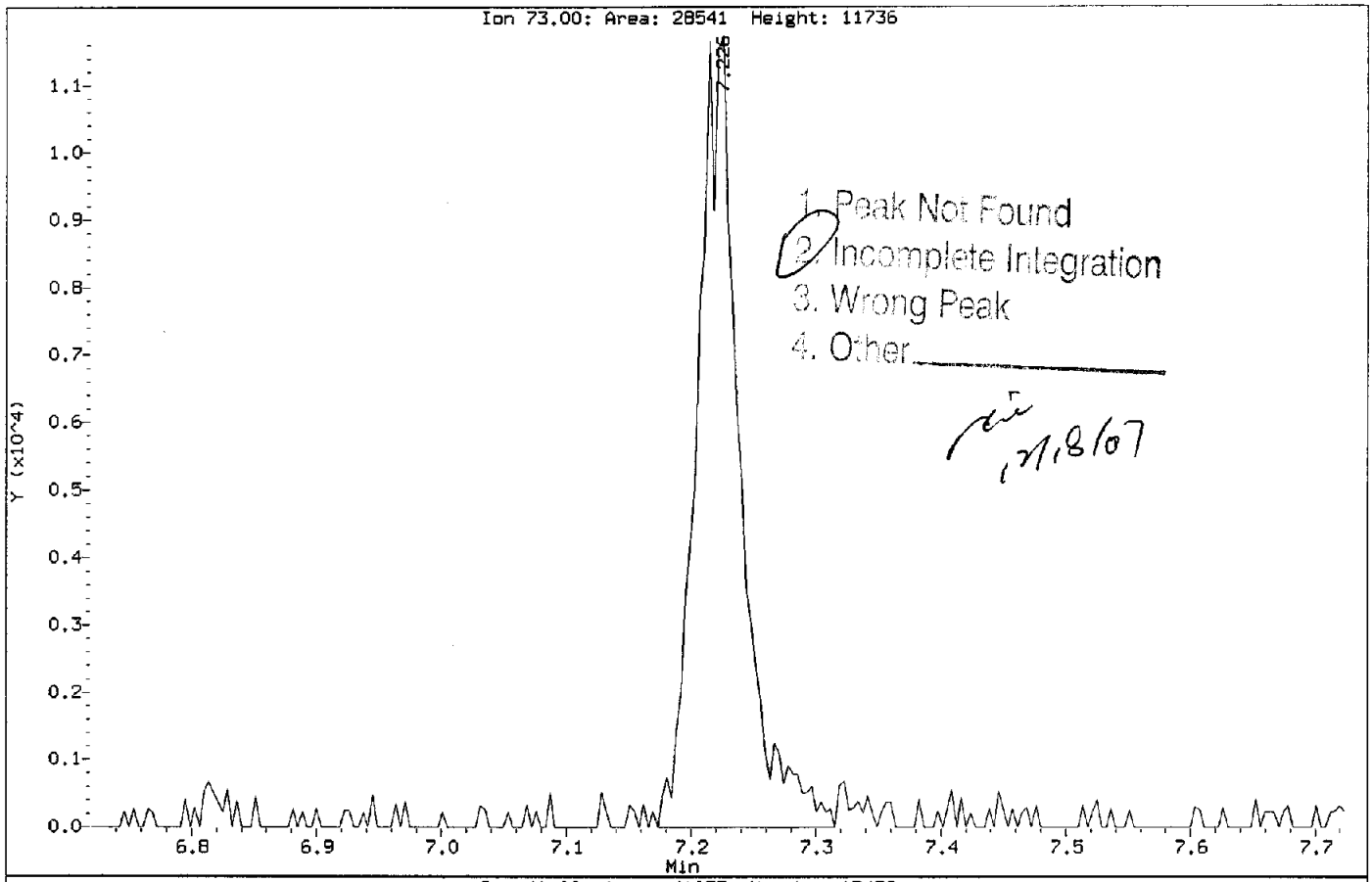
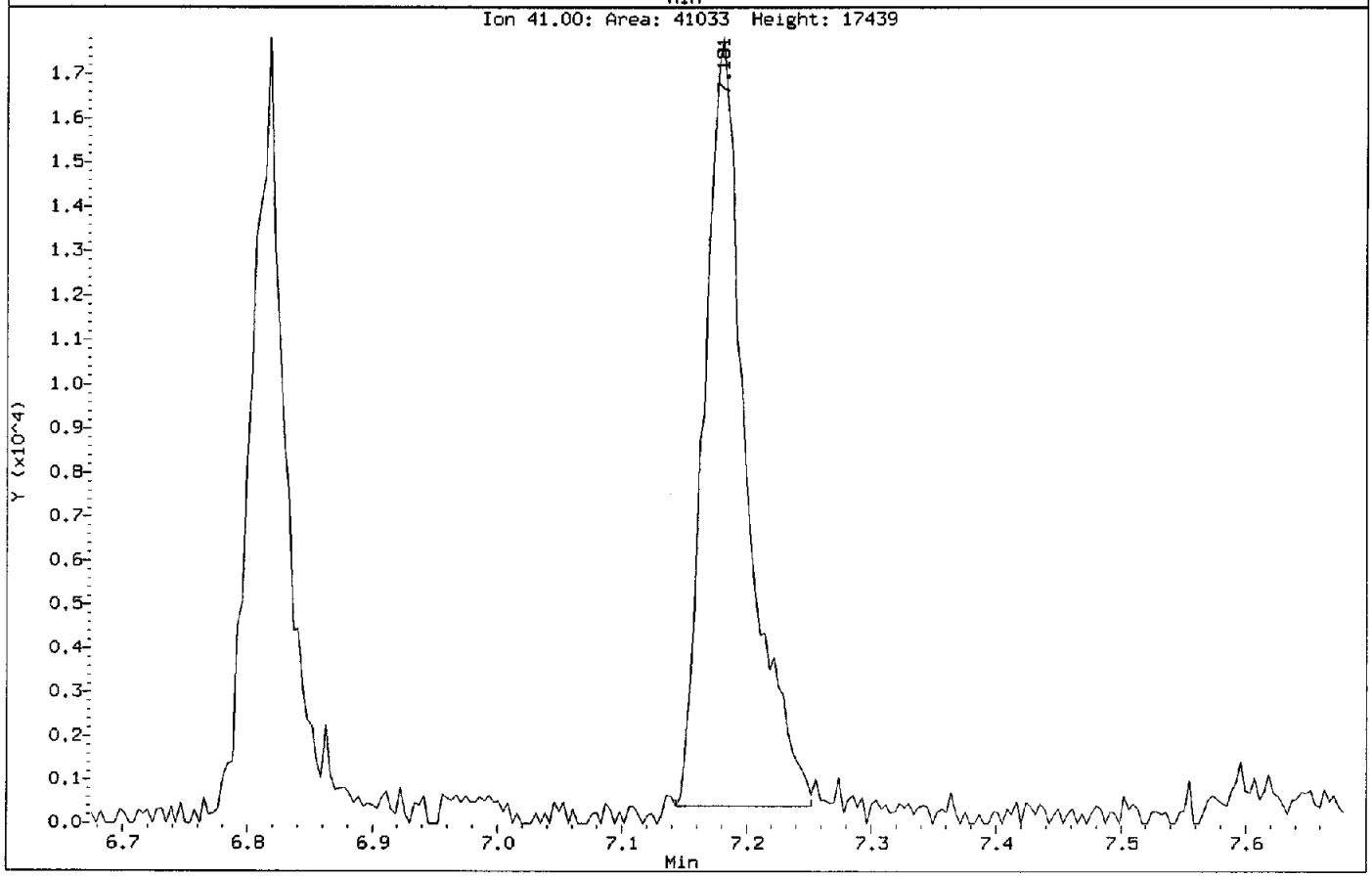
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: MTBE
CAS Number: 1634-04-4





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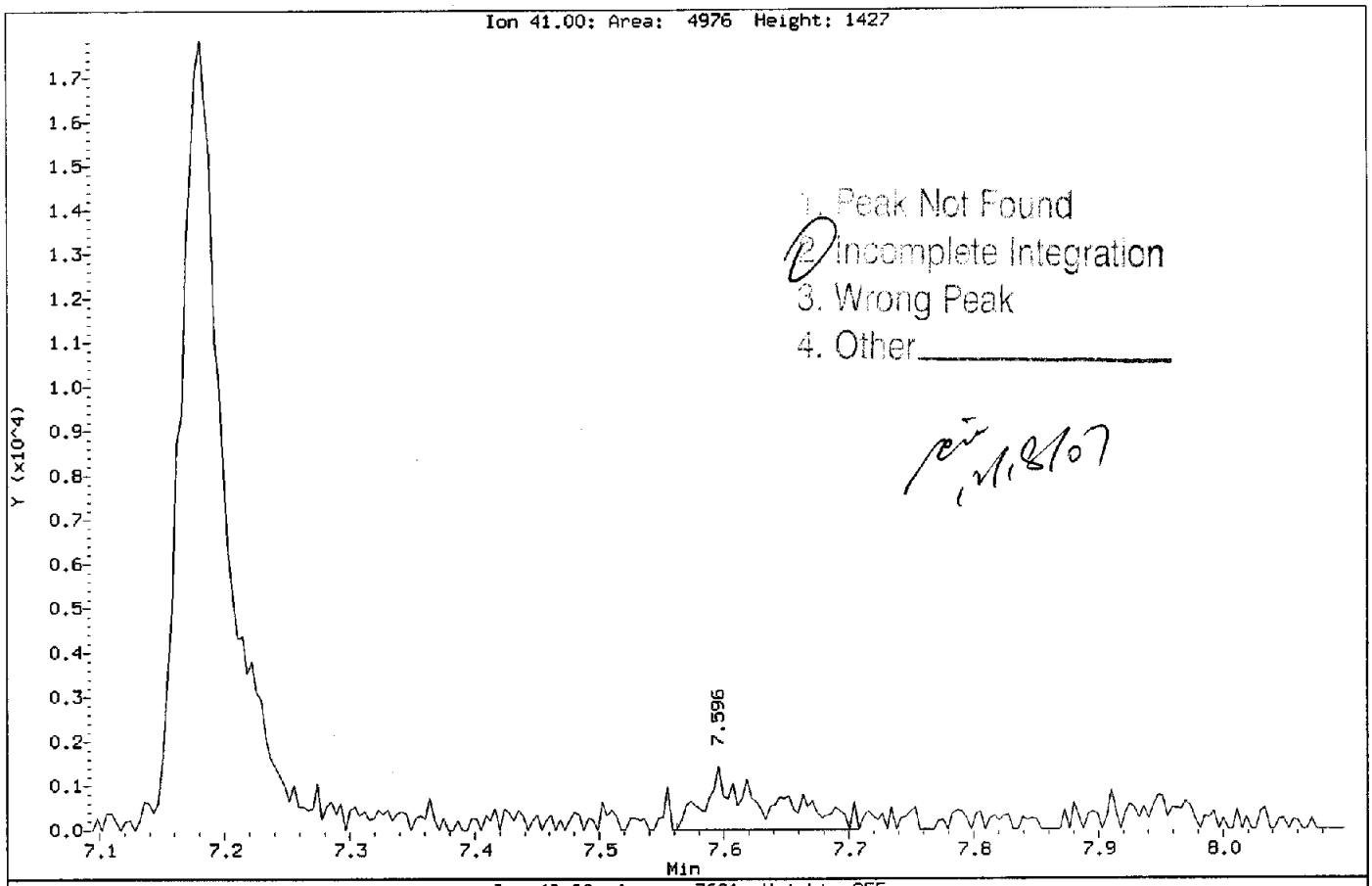
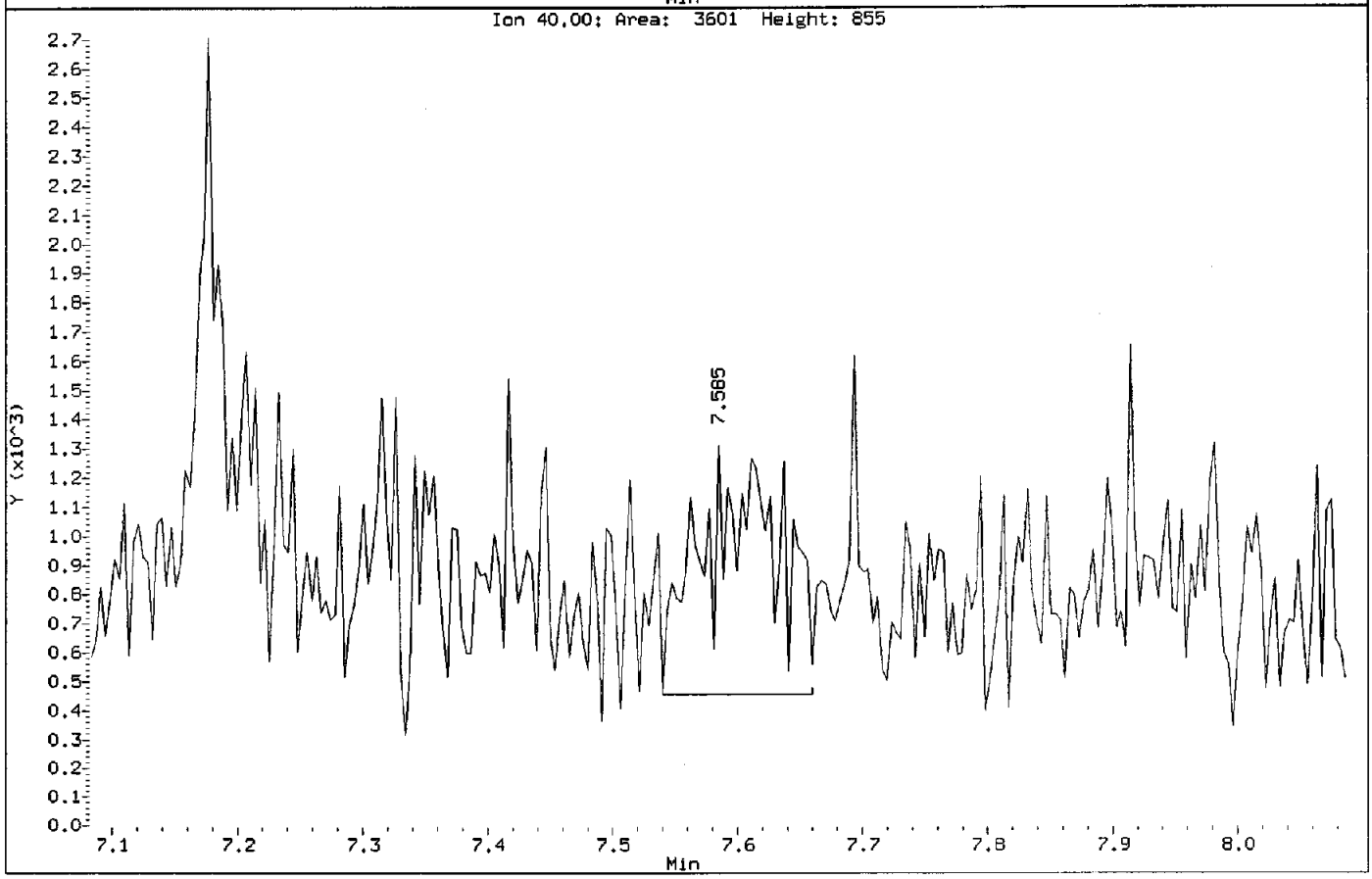
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

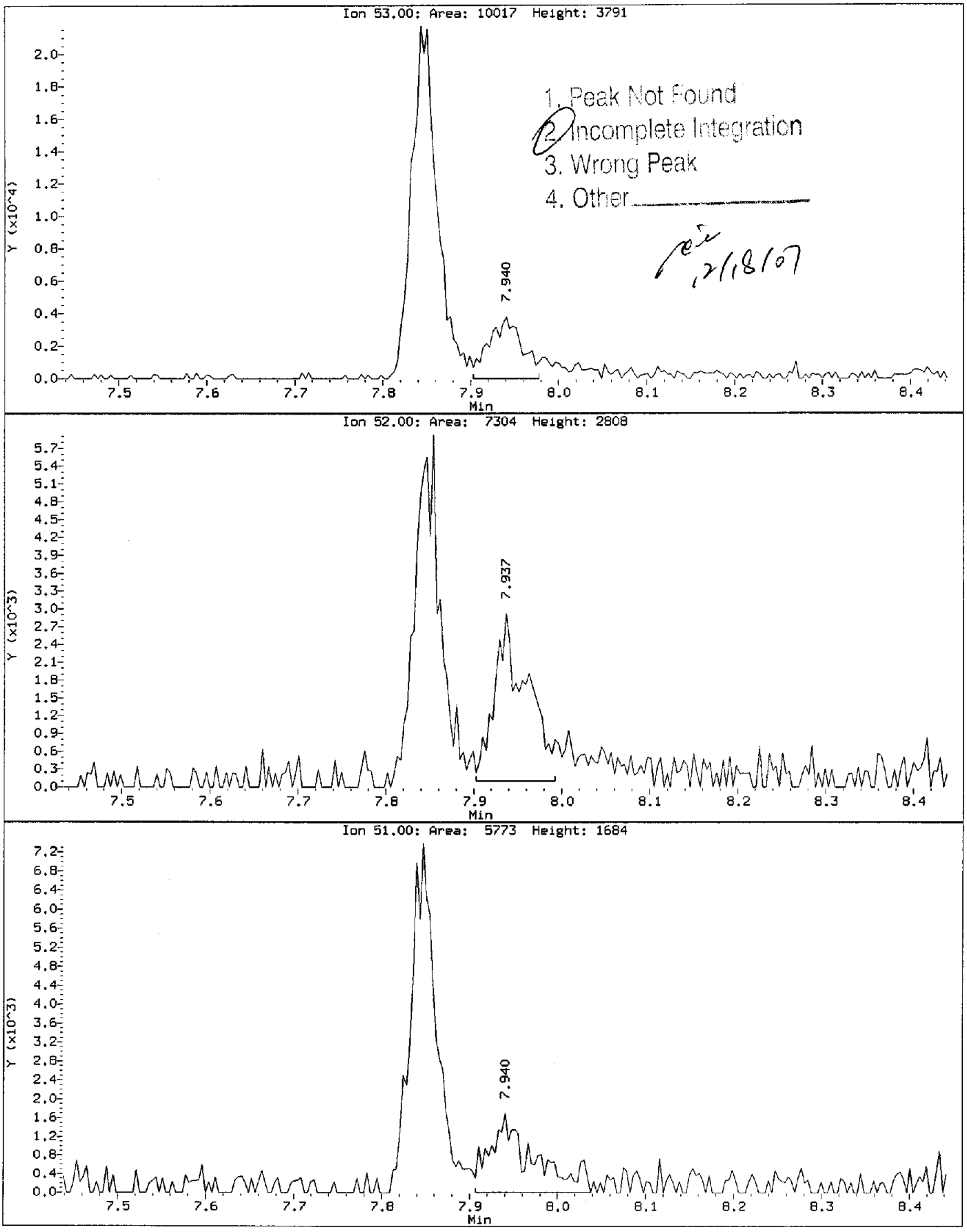
Compound: Acetonitrile
CAS Number: 75-05-8





Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Acrylonitrile
CAS Number: 107-13-1



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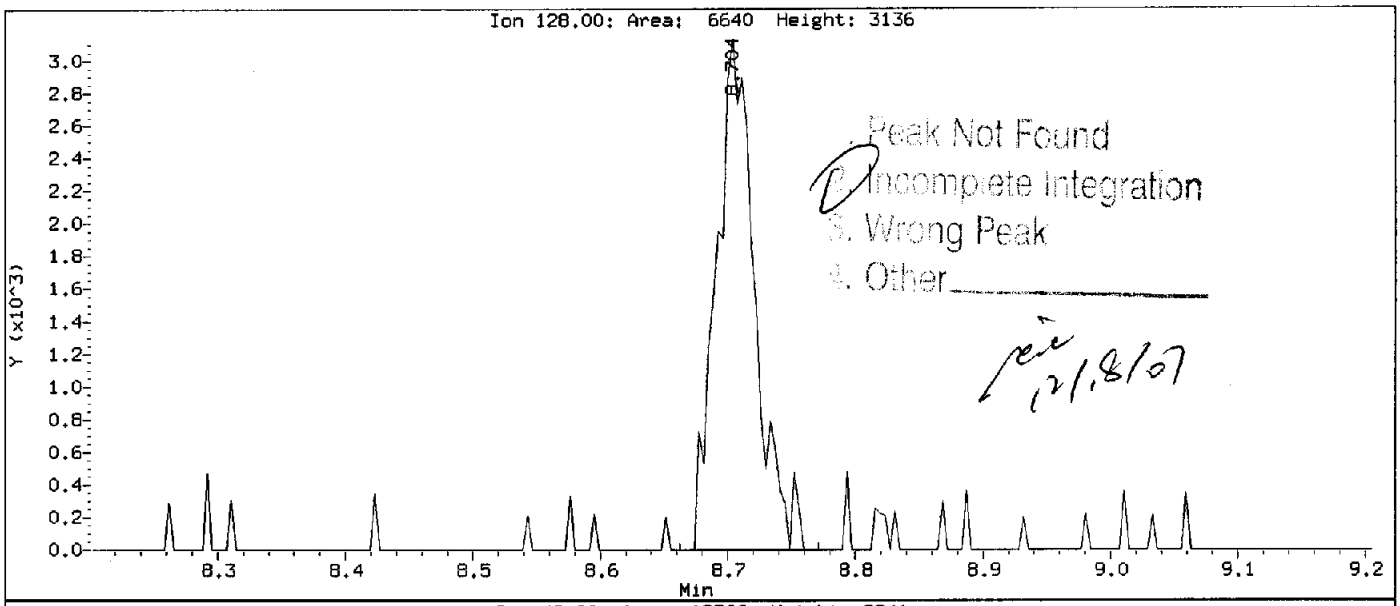
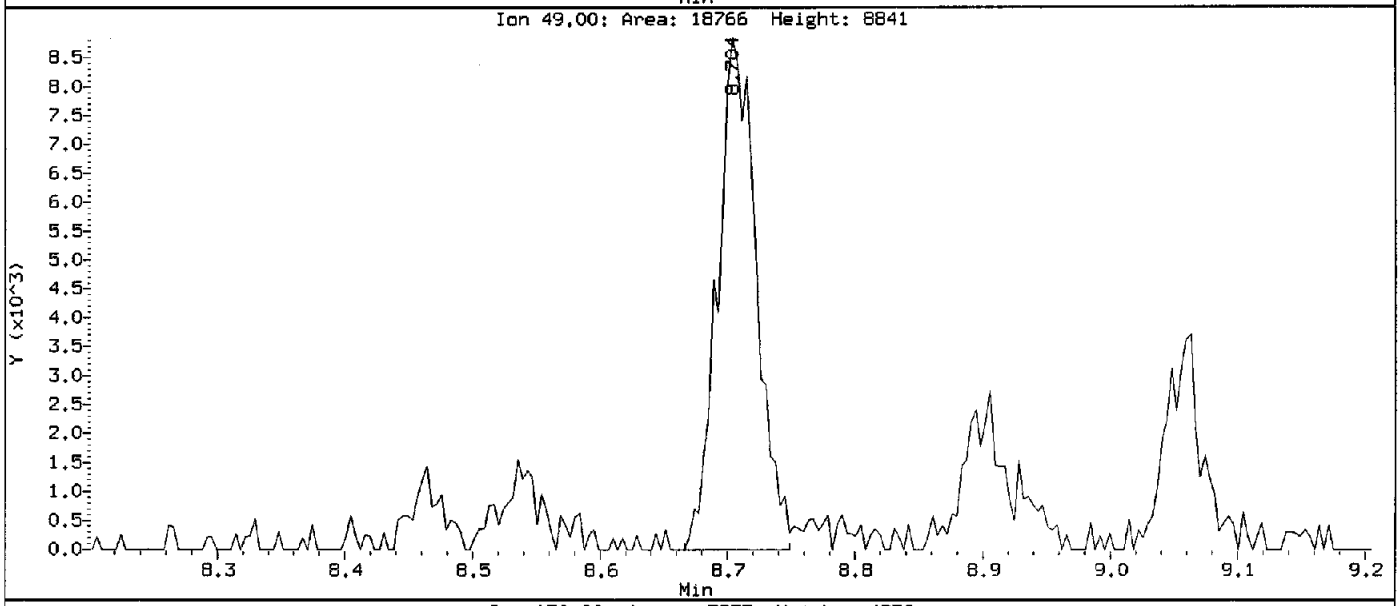
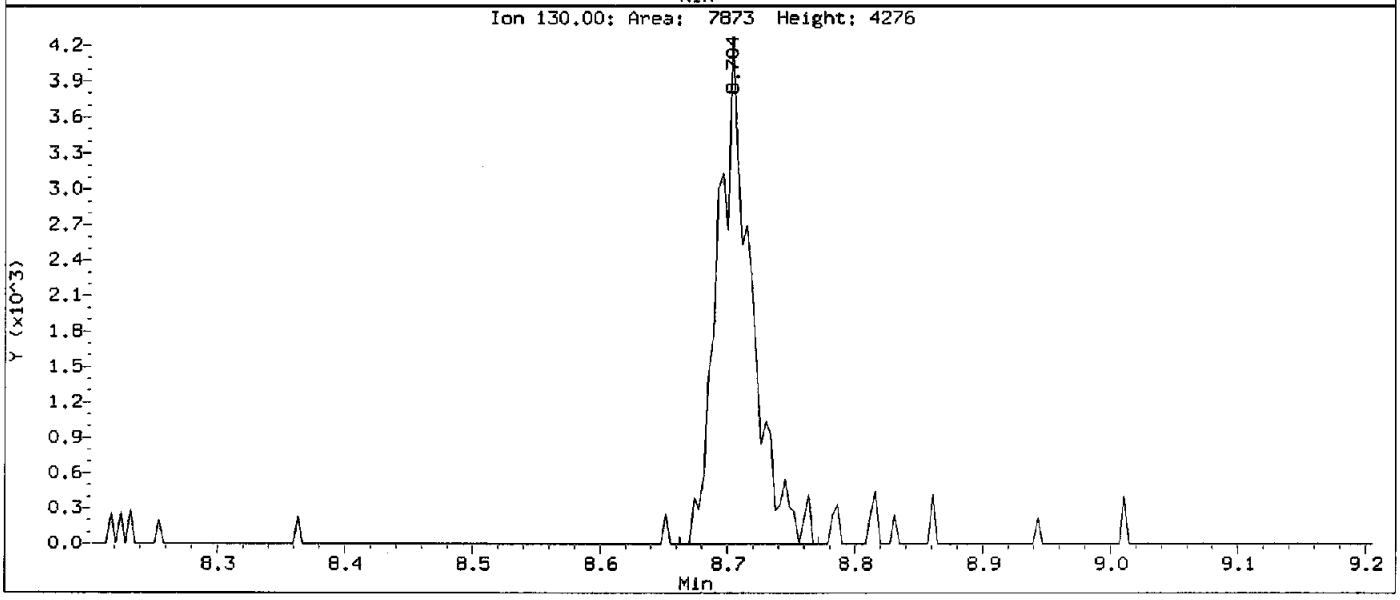
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Bromochloromethane
CAS Number: 74-97-5

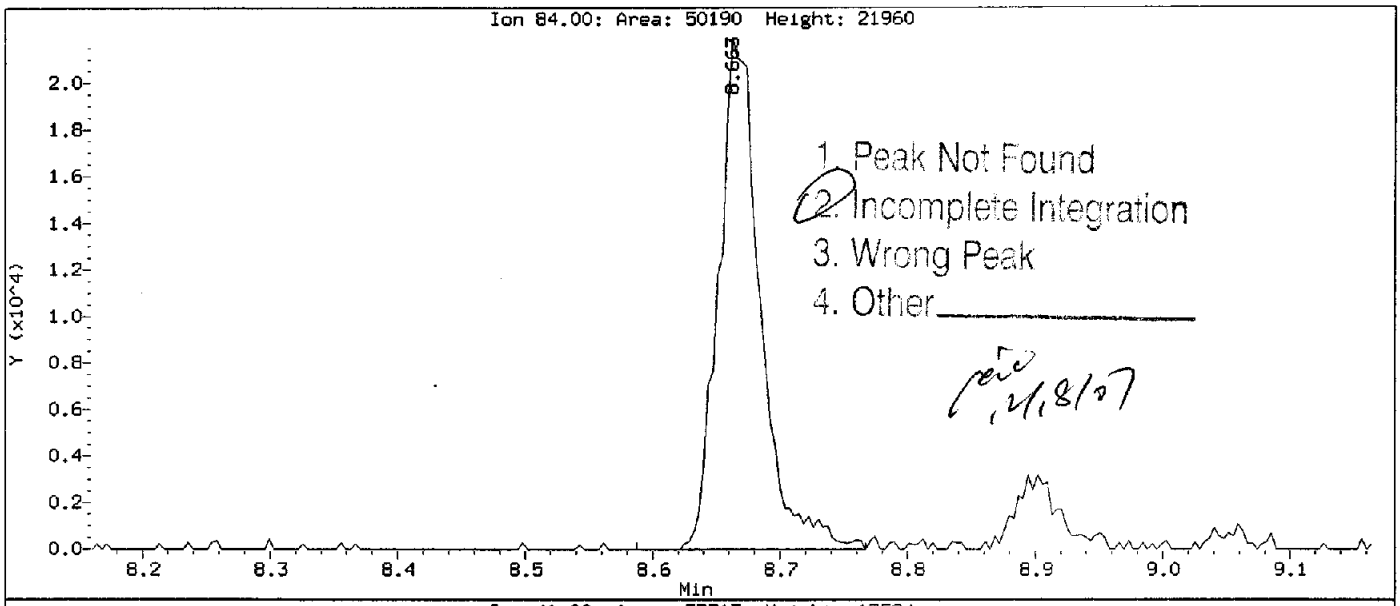


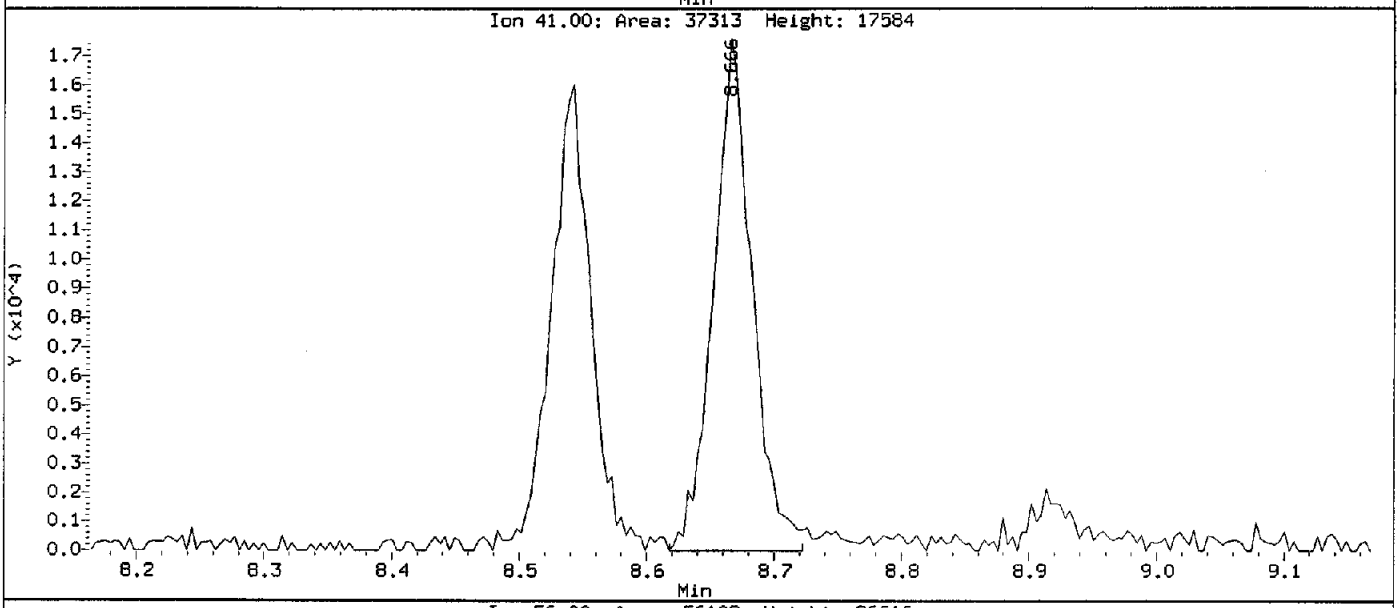


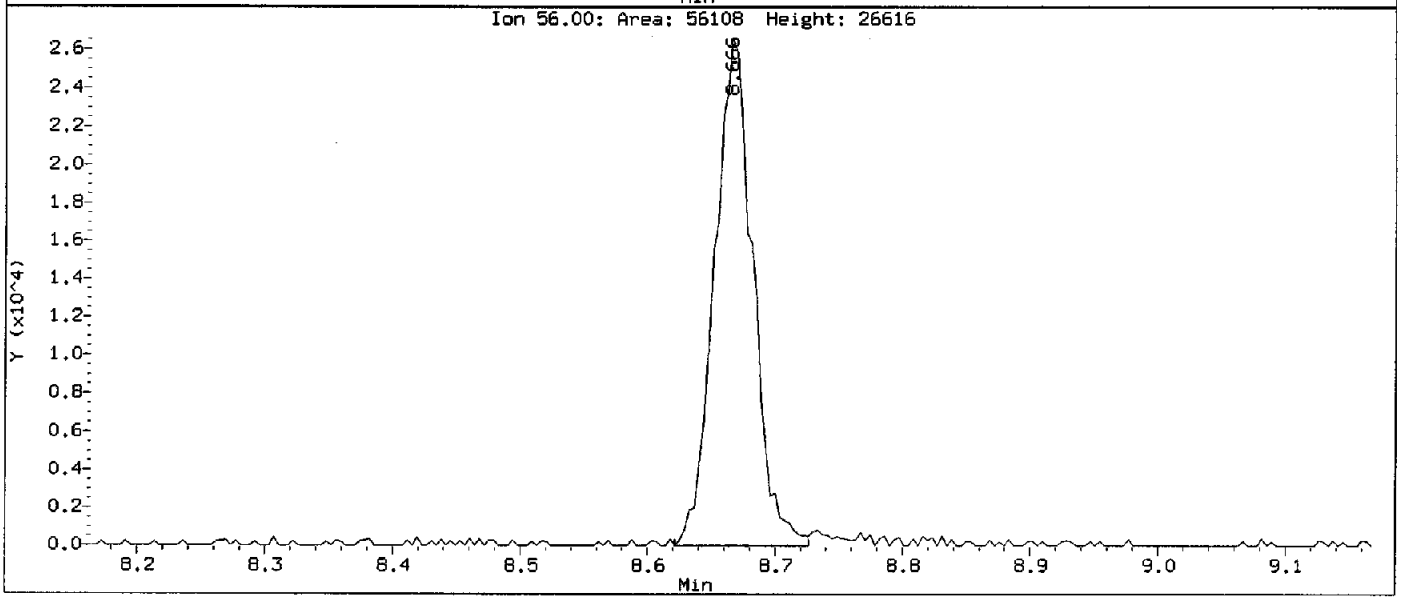


Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Cyclohexane
CAS Number:

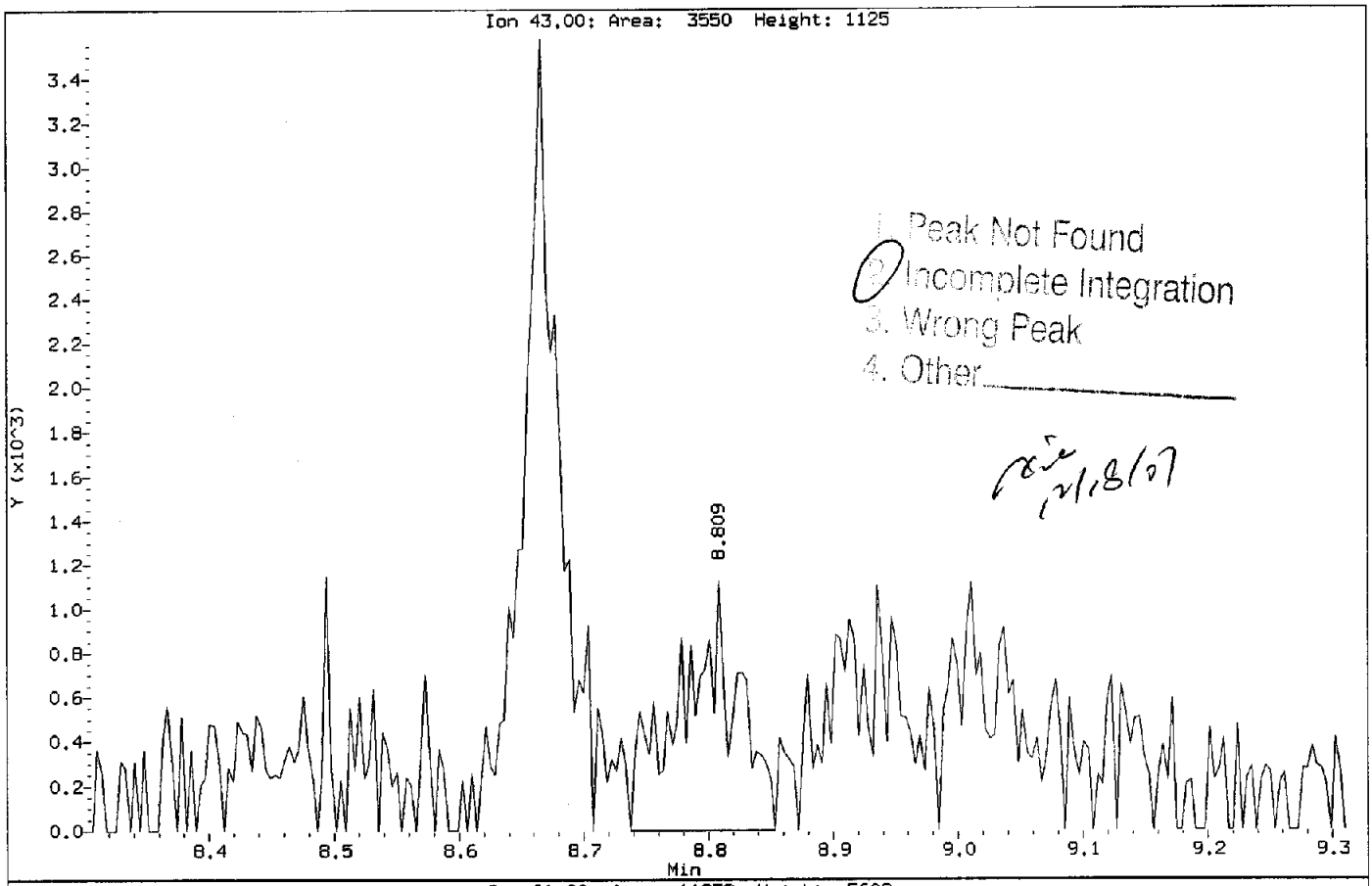


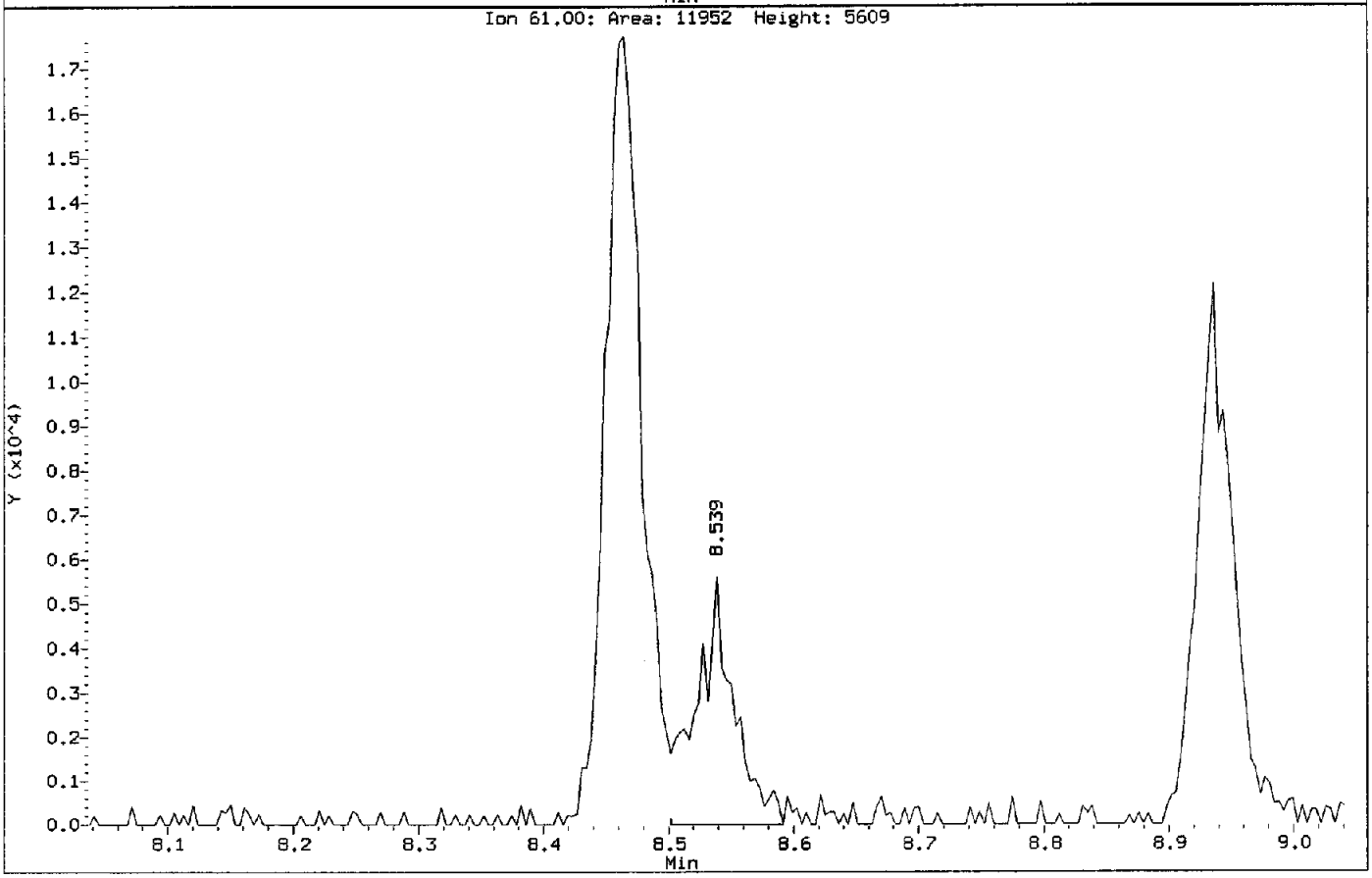




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

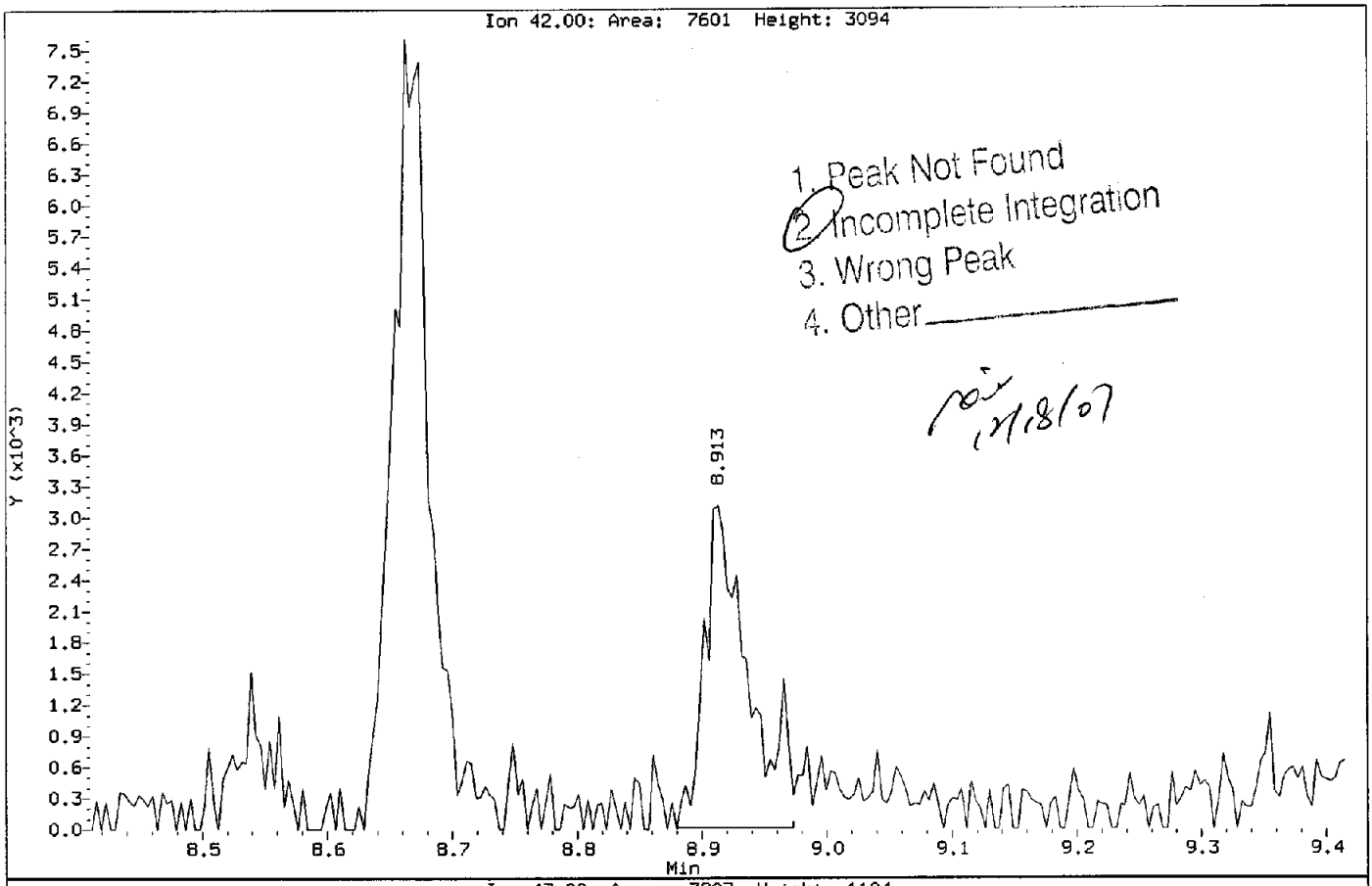
Compound: Ethyl acetate
CAS Number: 141-78-6

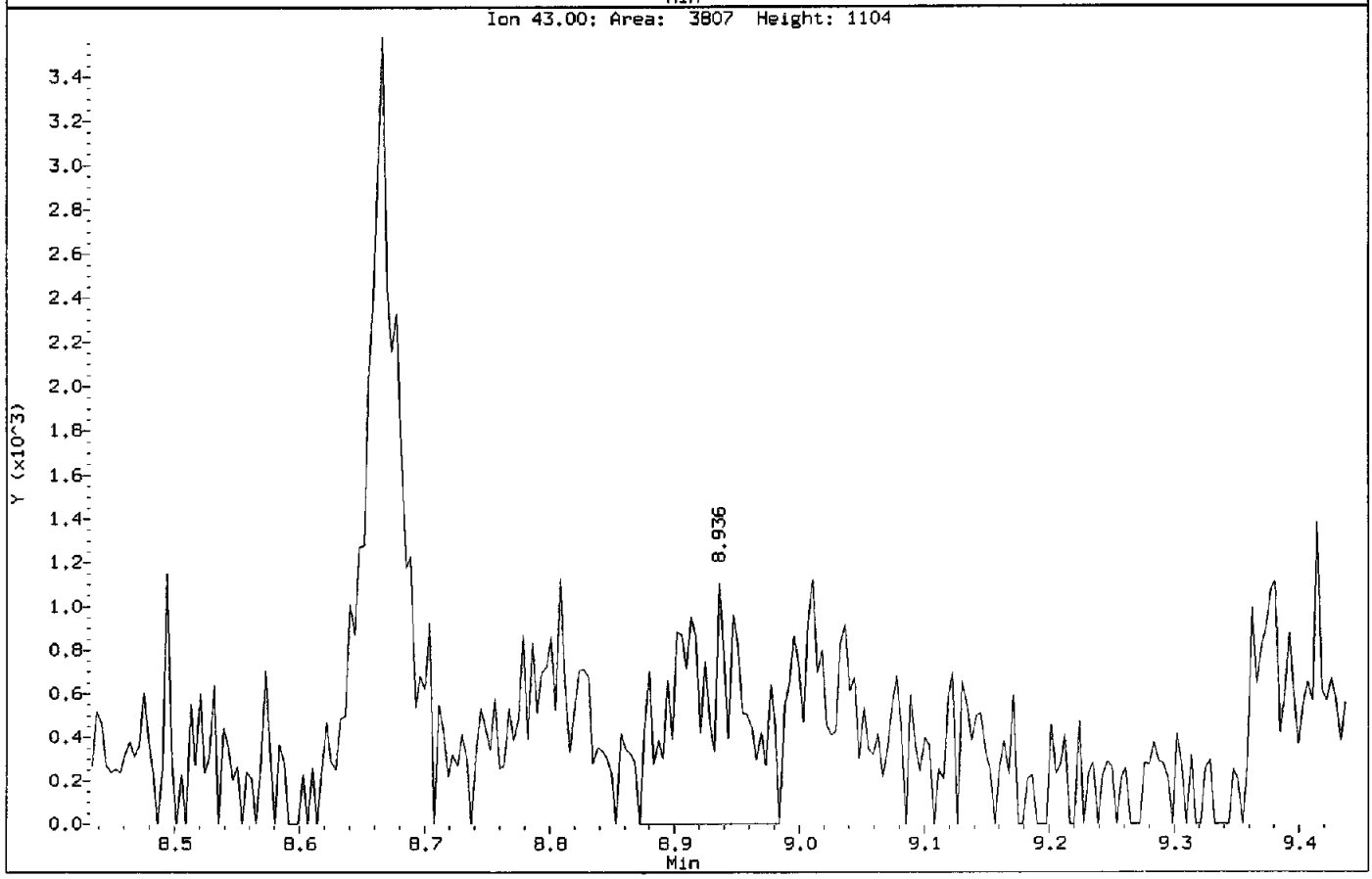




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

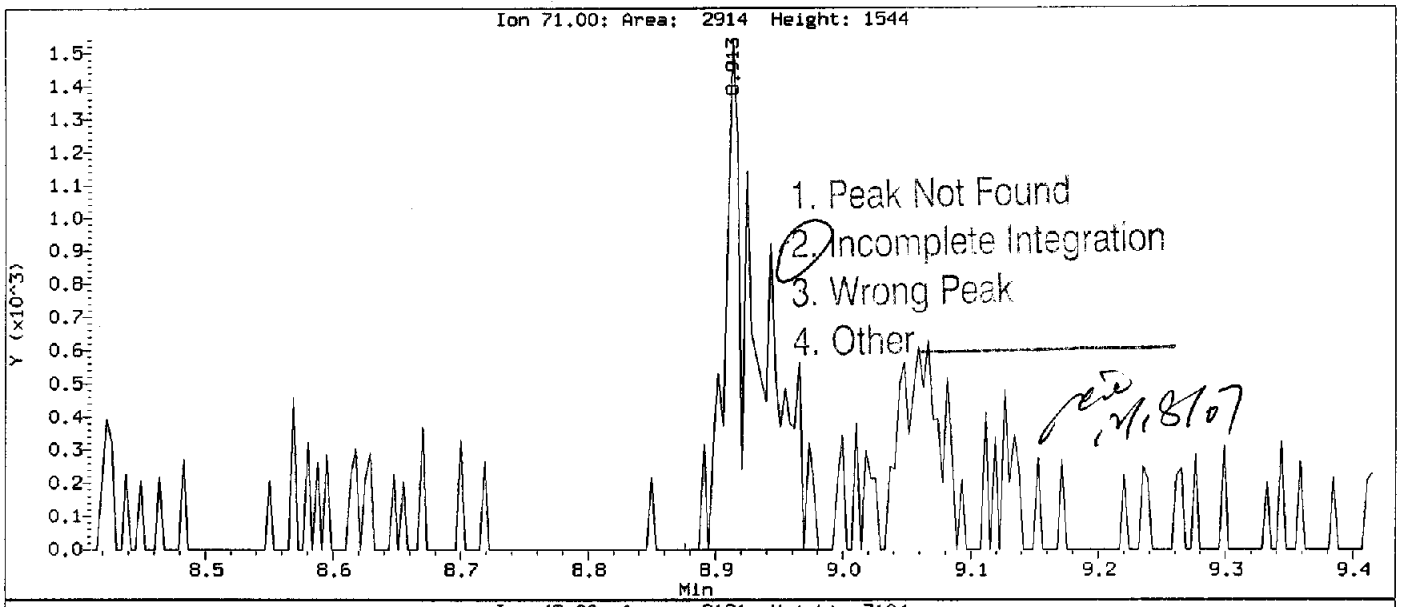
Compound: Isobutanol
CAS Number: 78-83-1

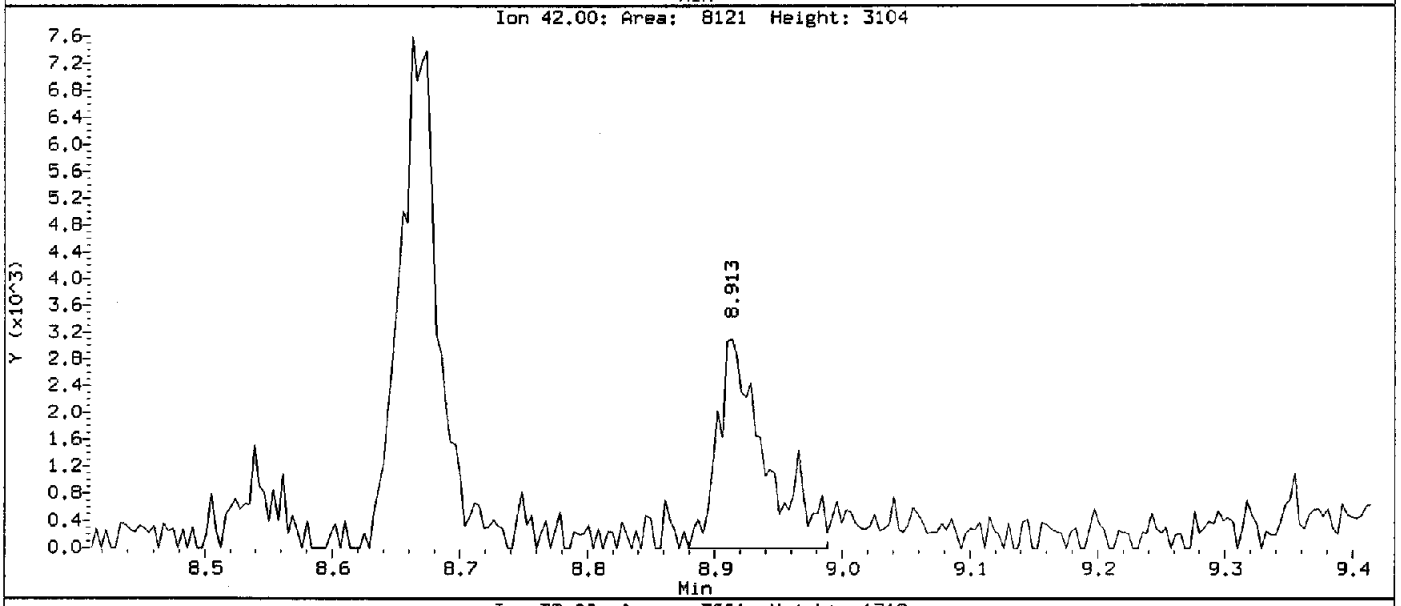


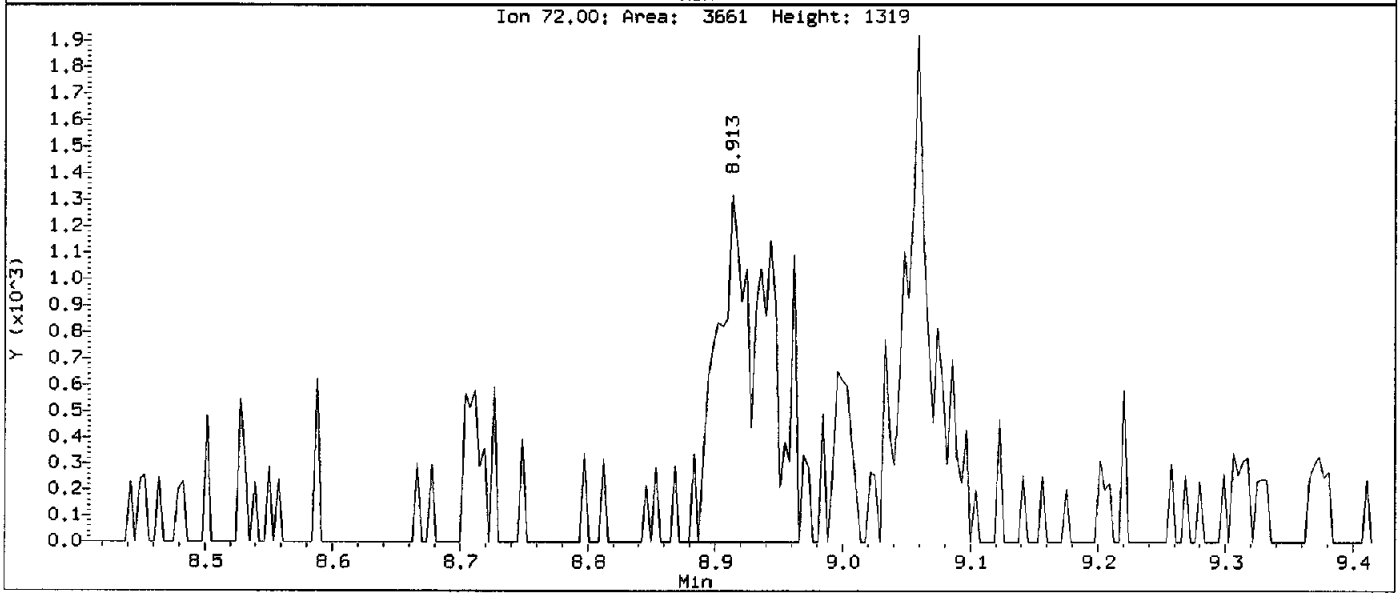


Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Tetrahydrofuran
CAS Number: 109-99-9

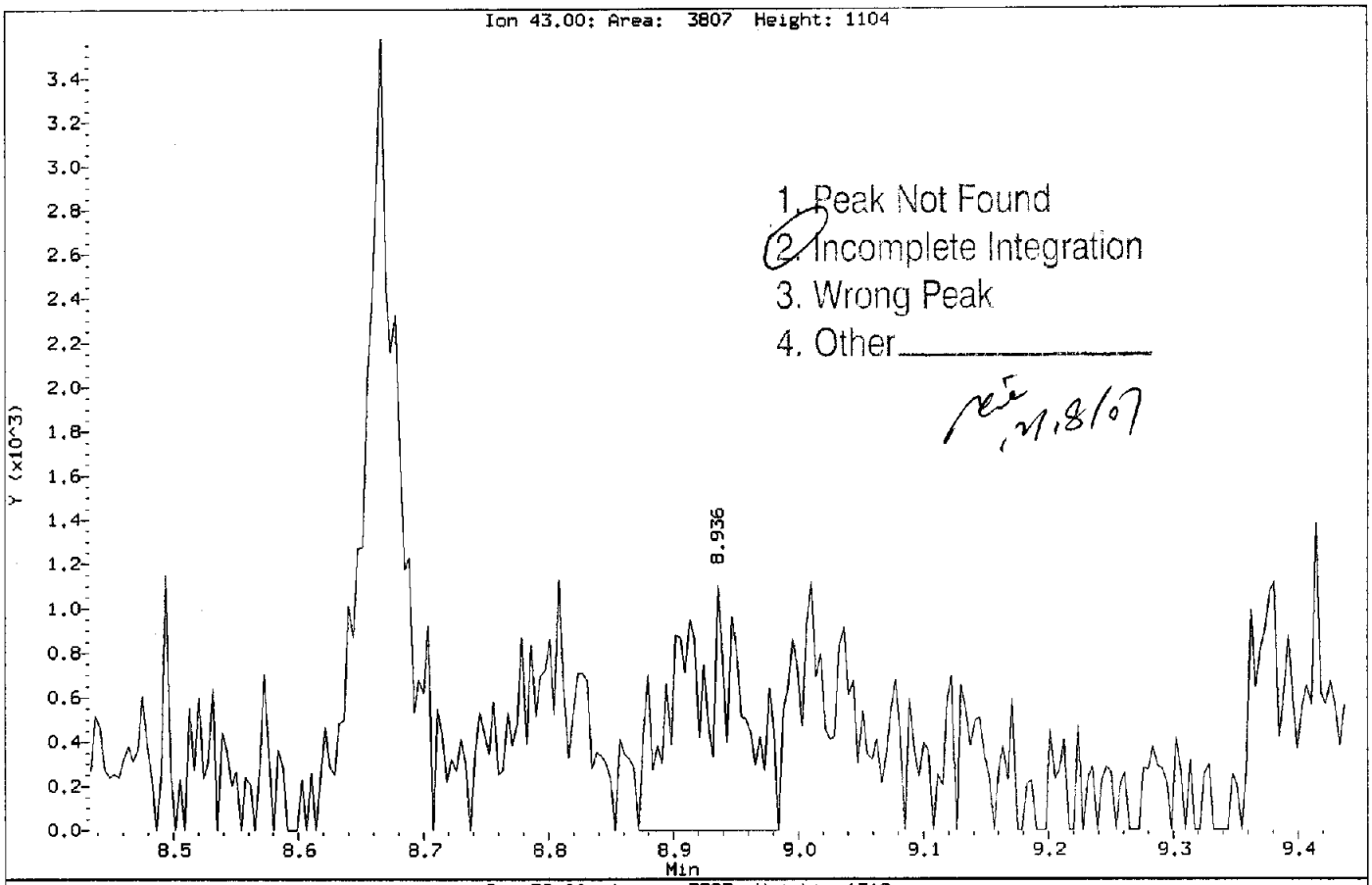


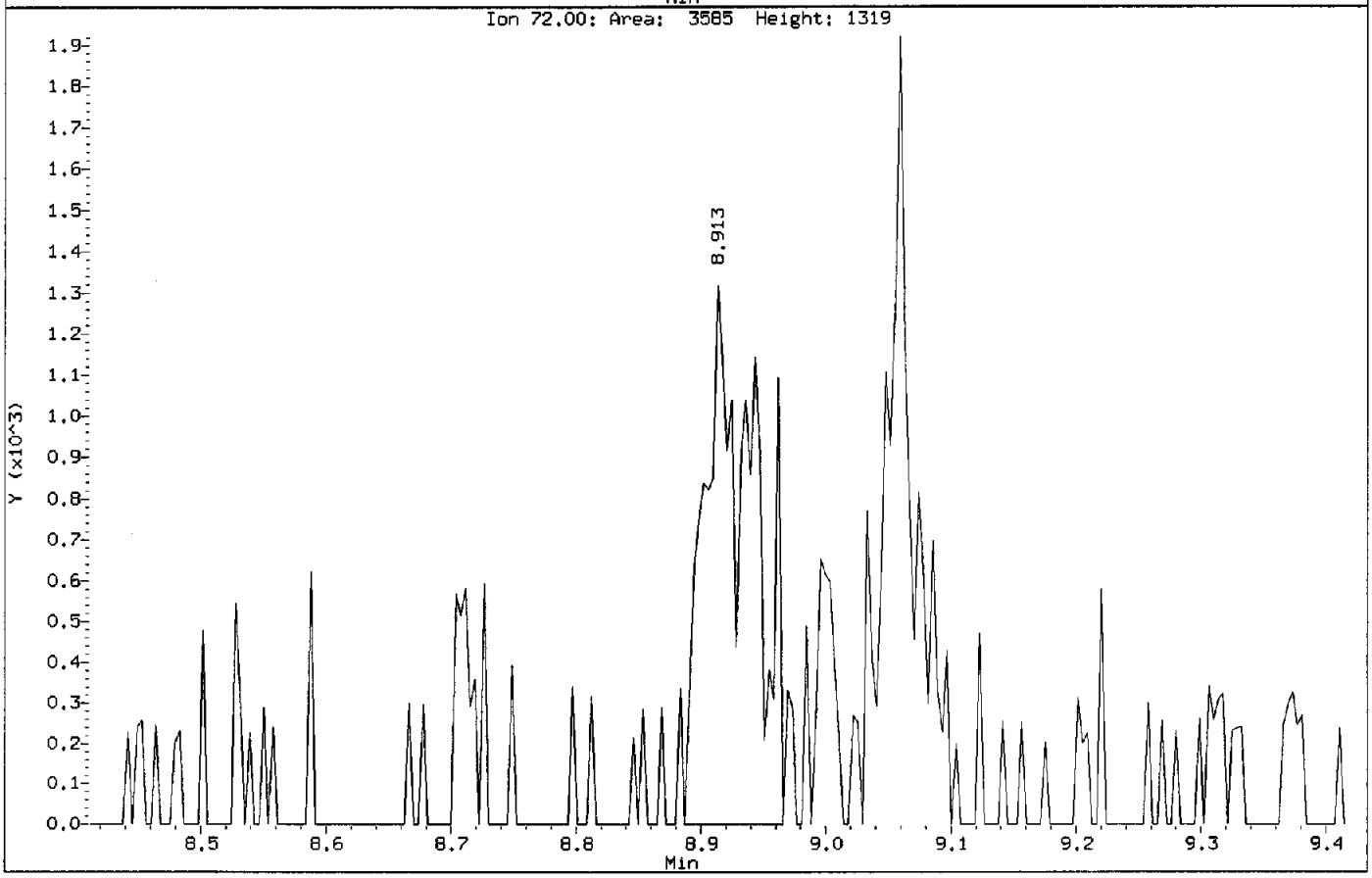




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

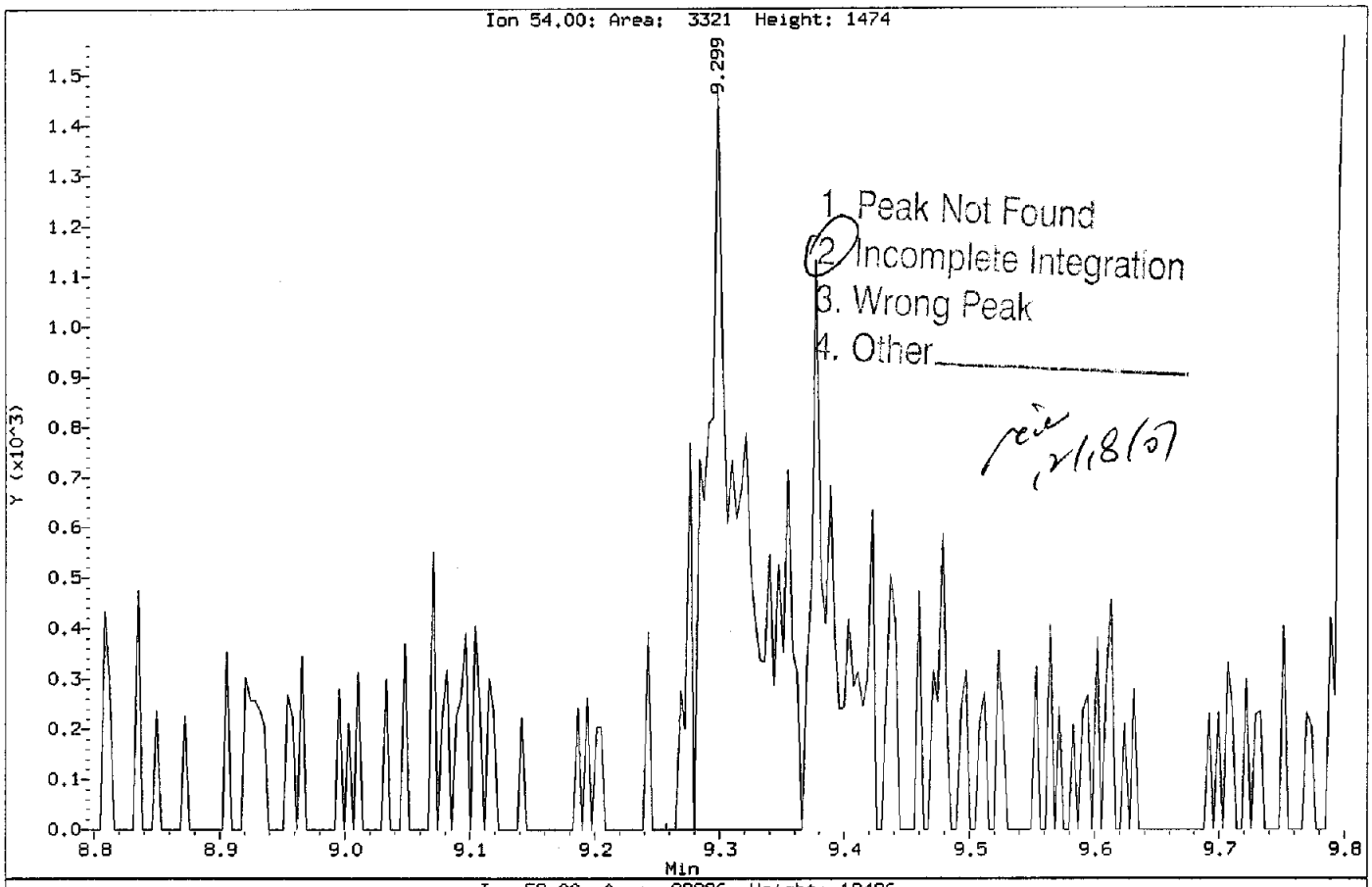
Compound: 2-Butanone
CAS Number: 78-93-3

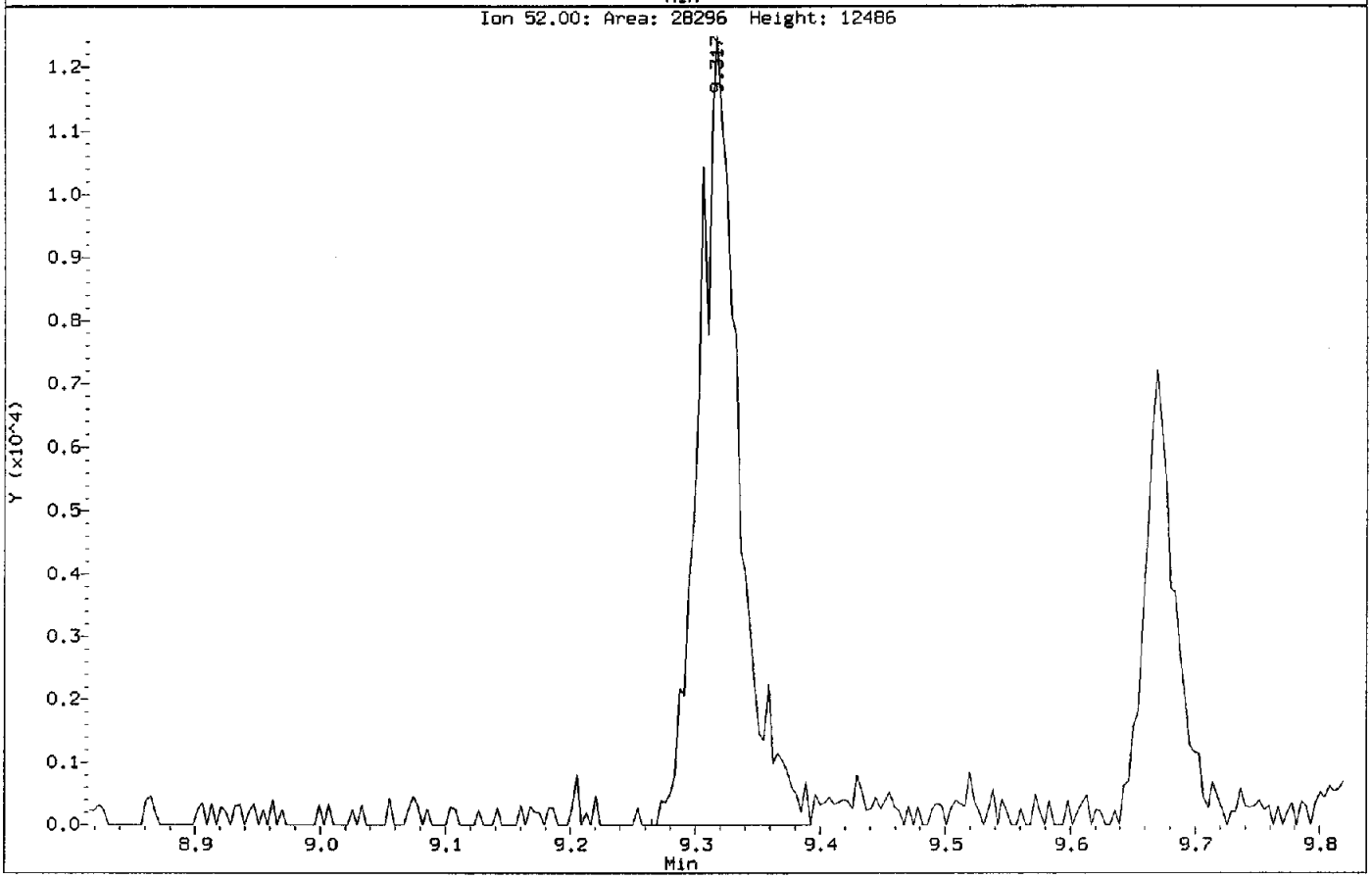




Data File: \\SlsvrO1\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

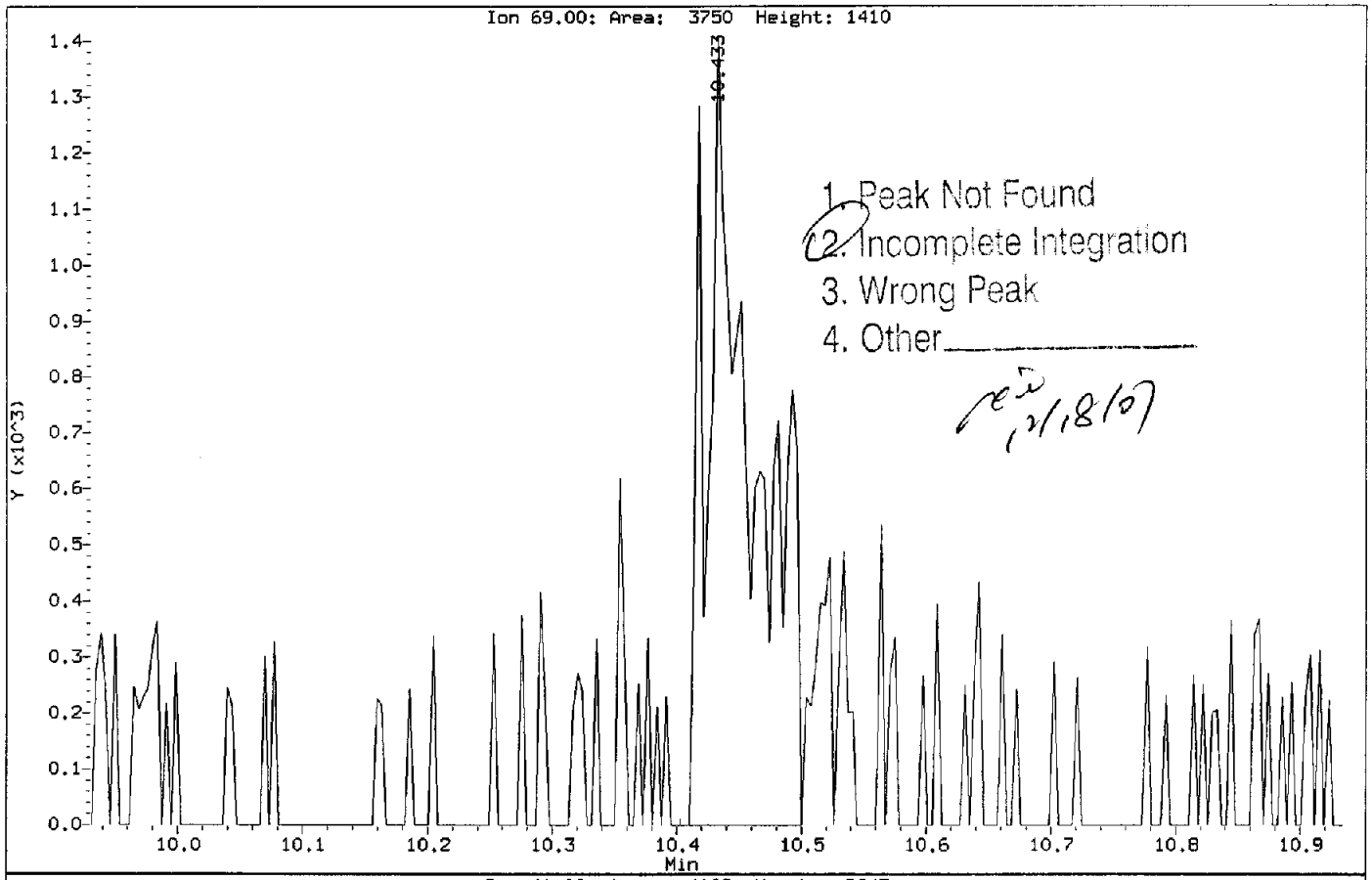
Compound: Propionitrile
CAS Number: 107-12-0

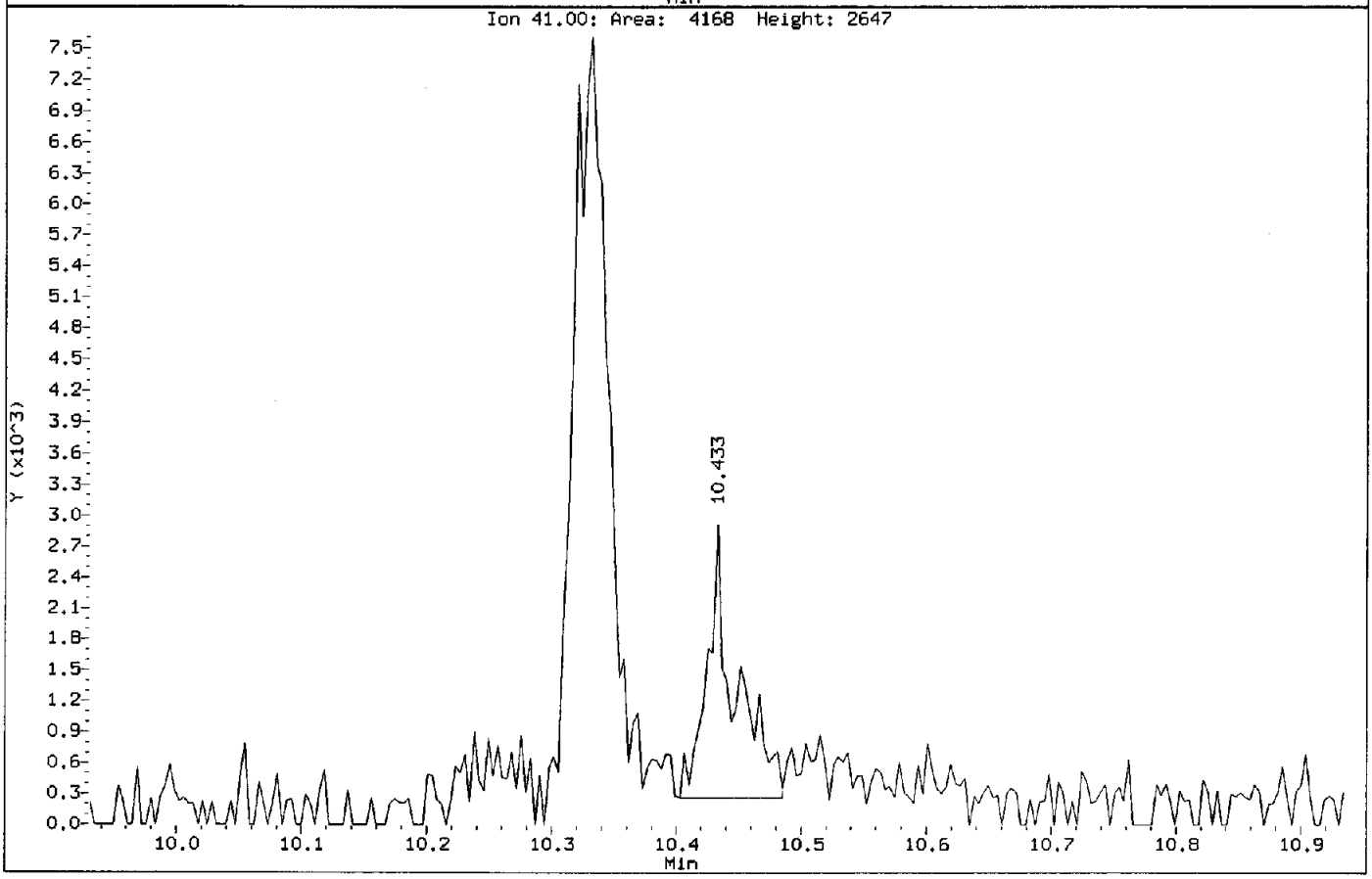




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Methyl methacrylate
CAS Number: 80-62-6





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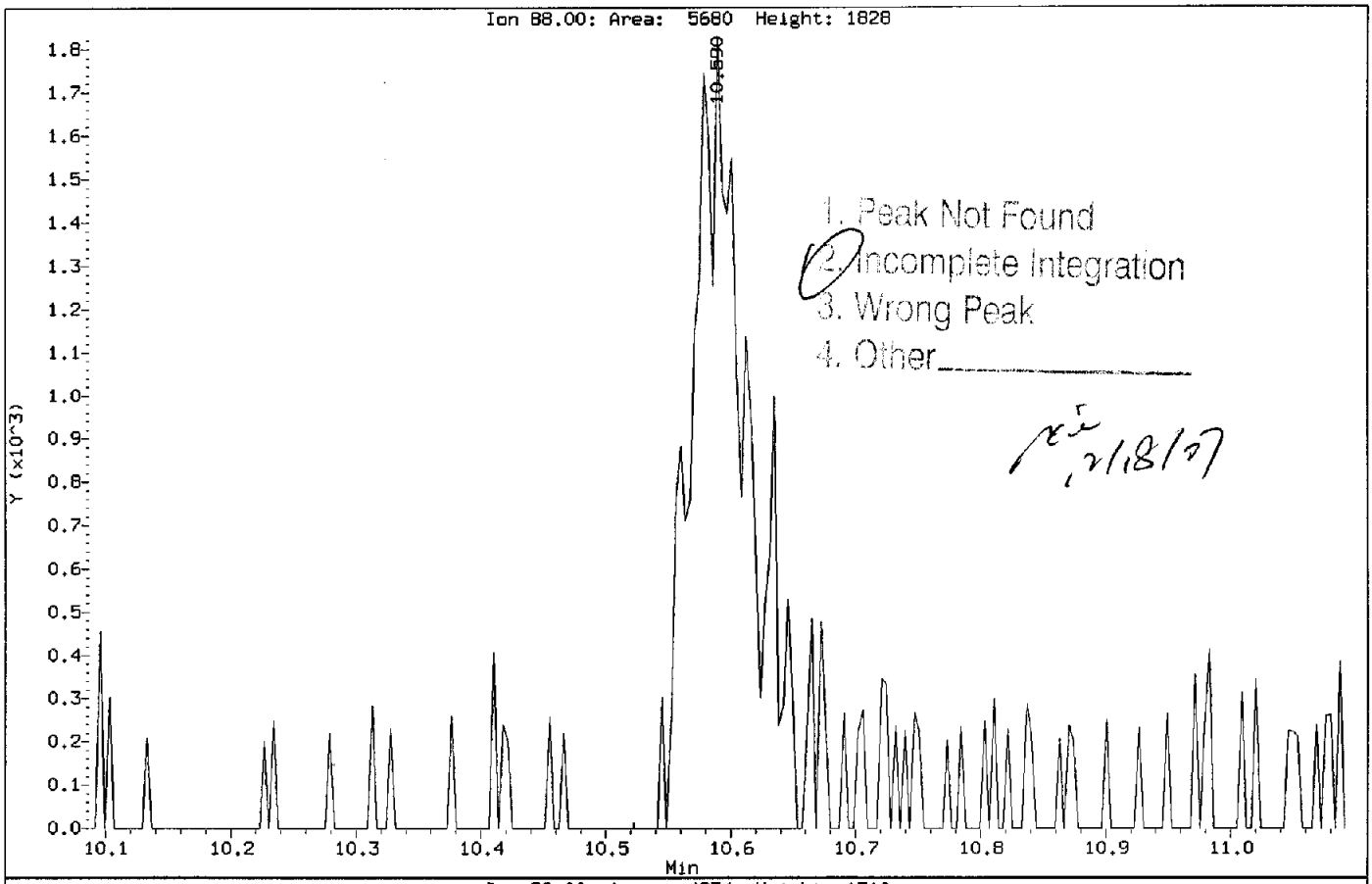
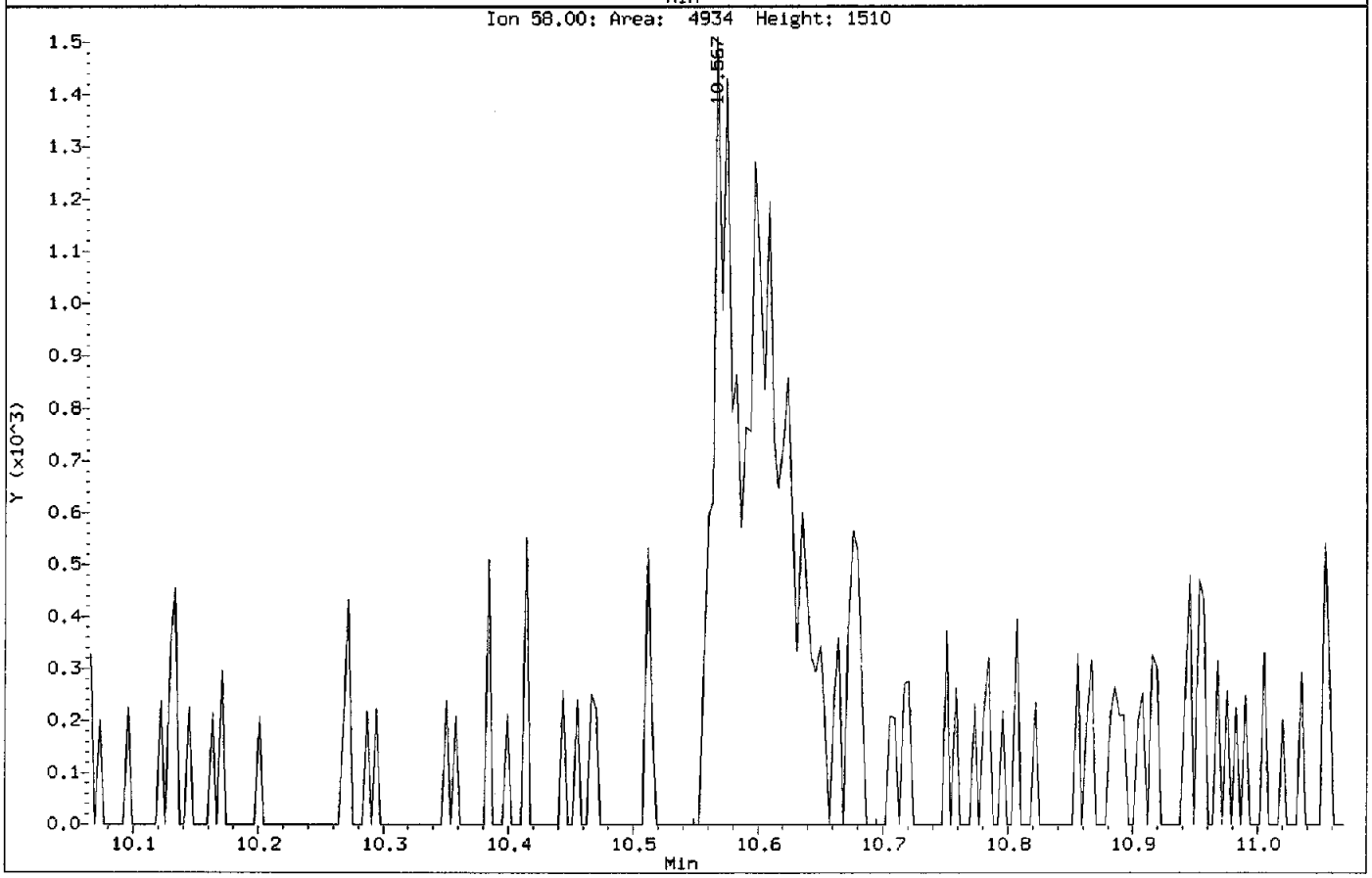
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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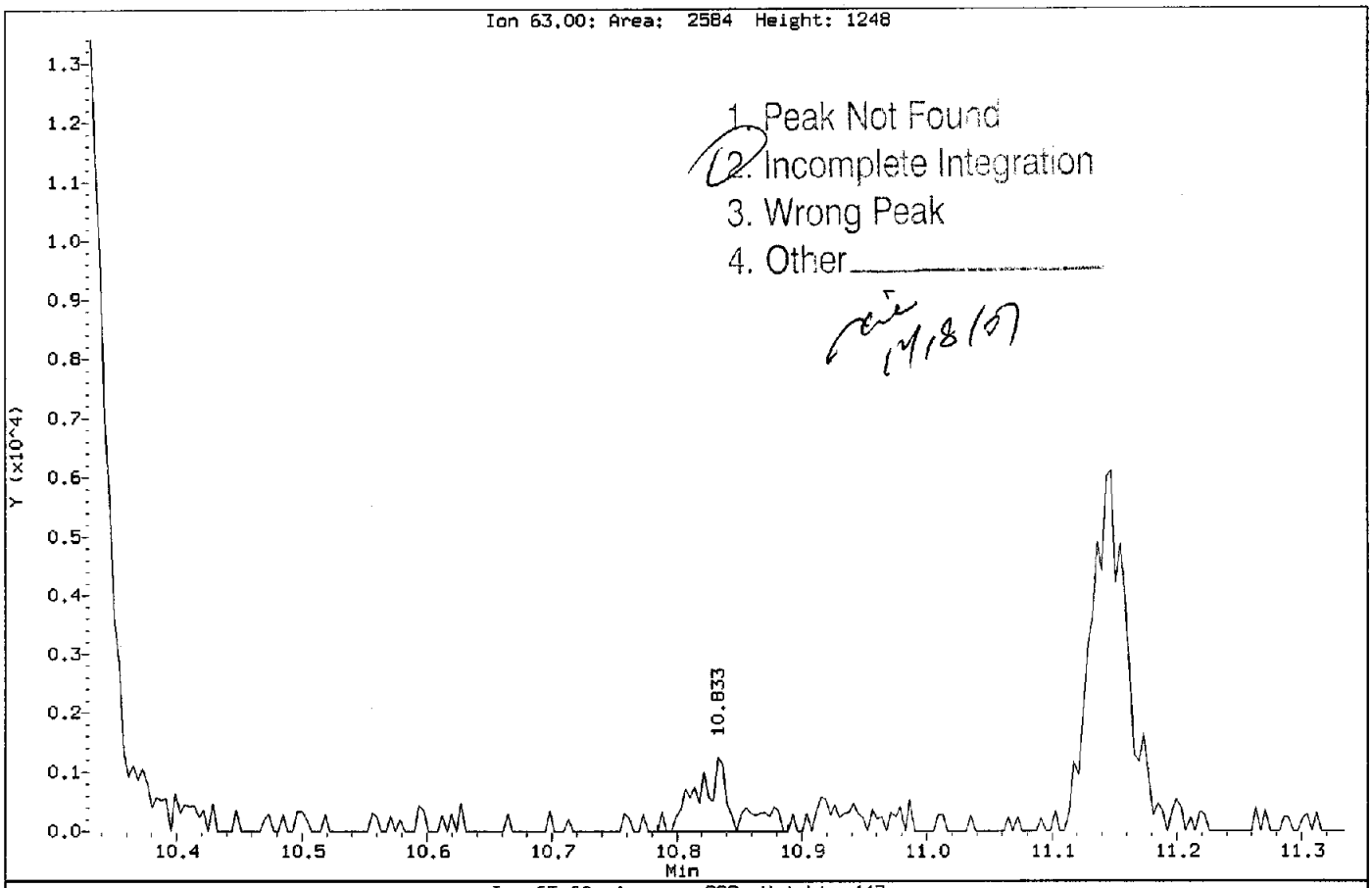
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 2-chloroethyl vinyl ether
CAS Number: 110-75-8



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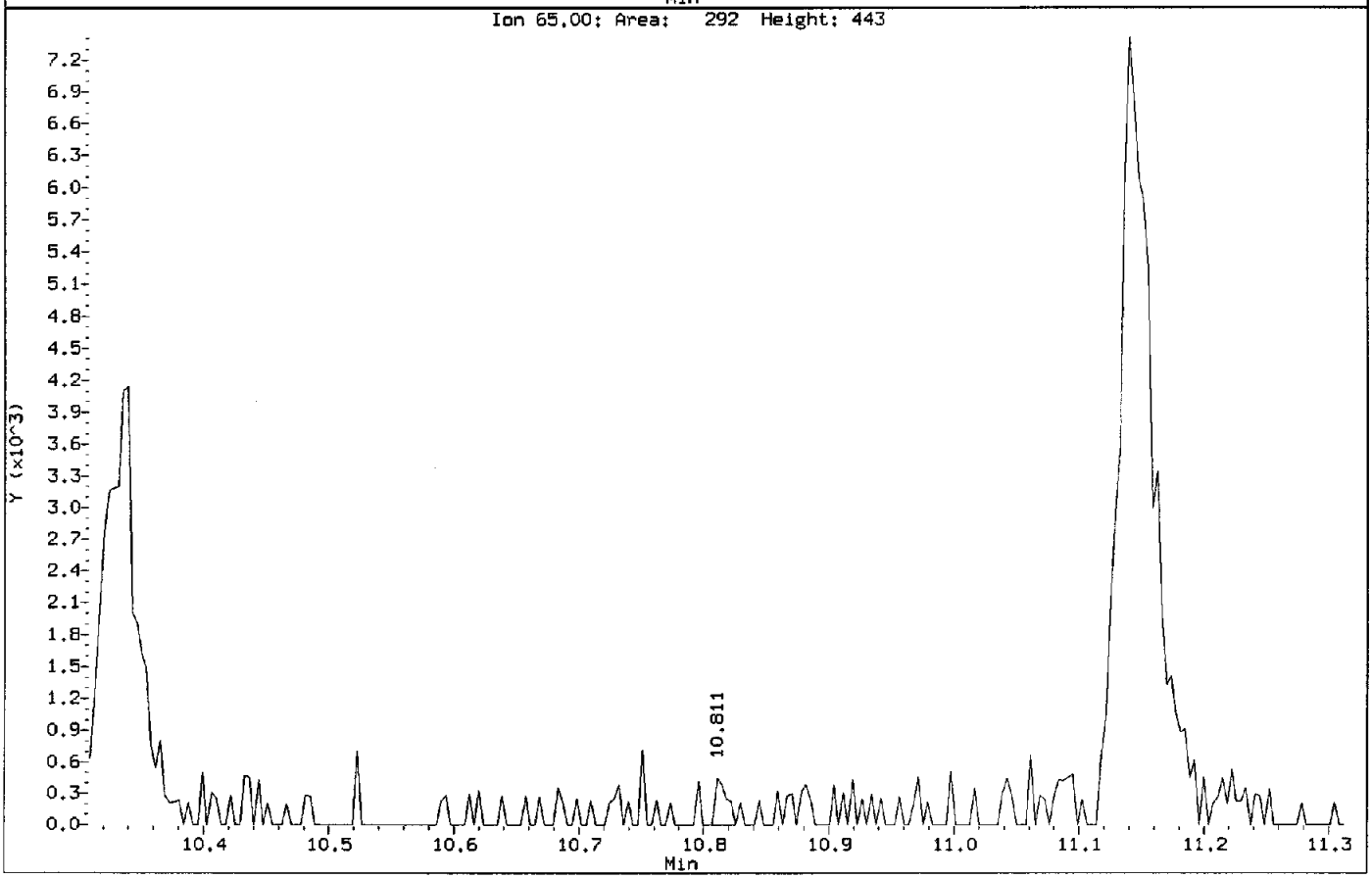
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12/18/07



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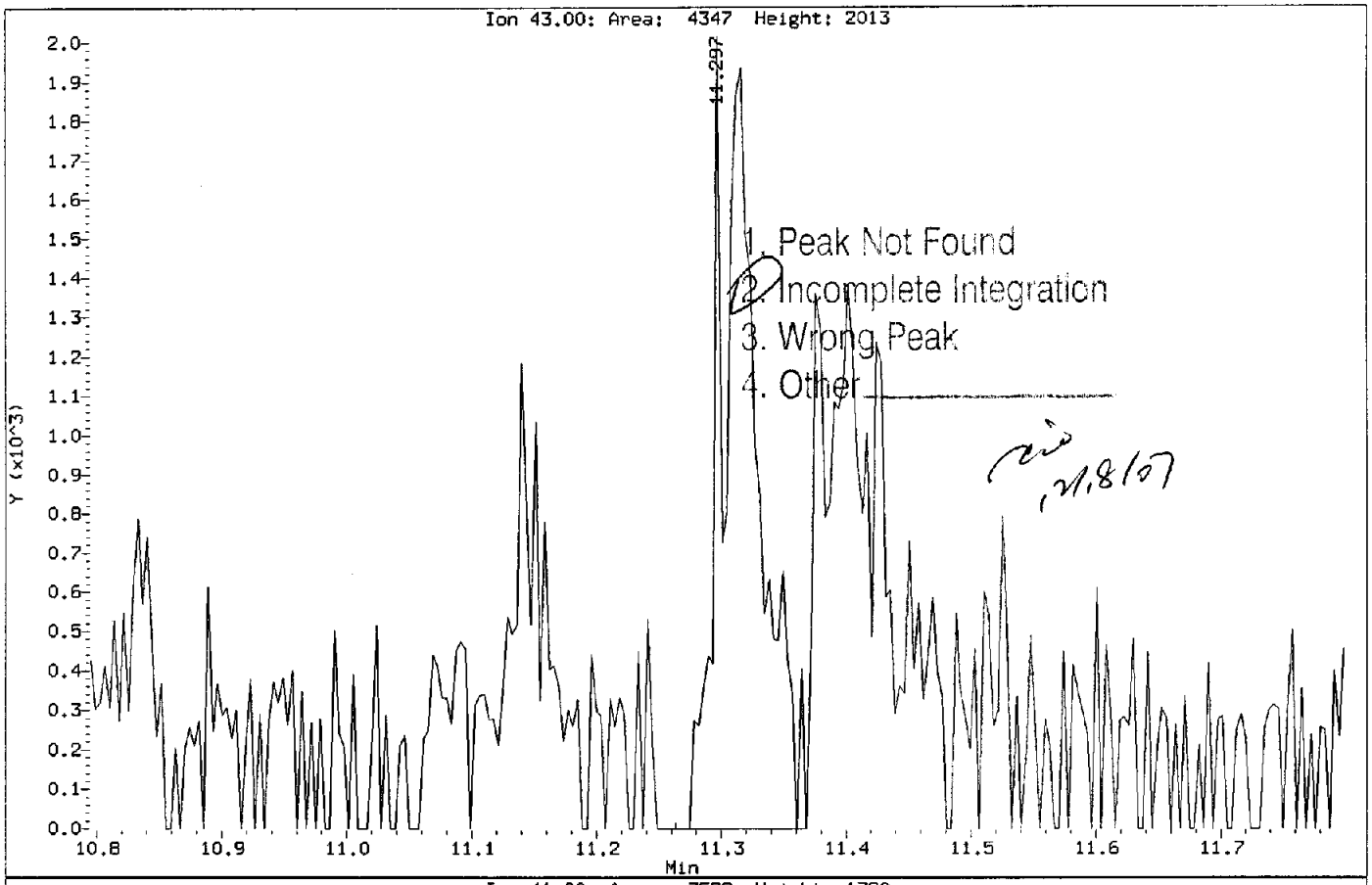
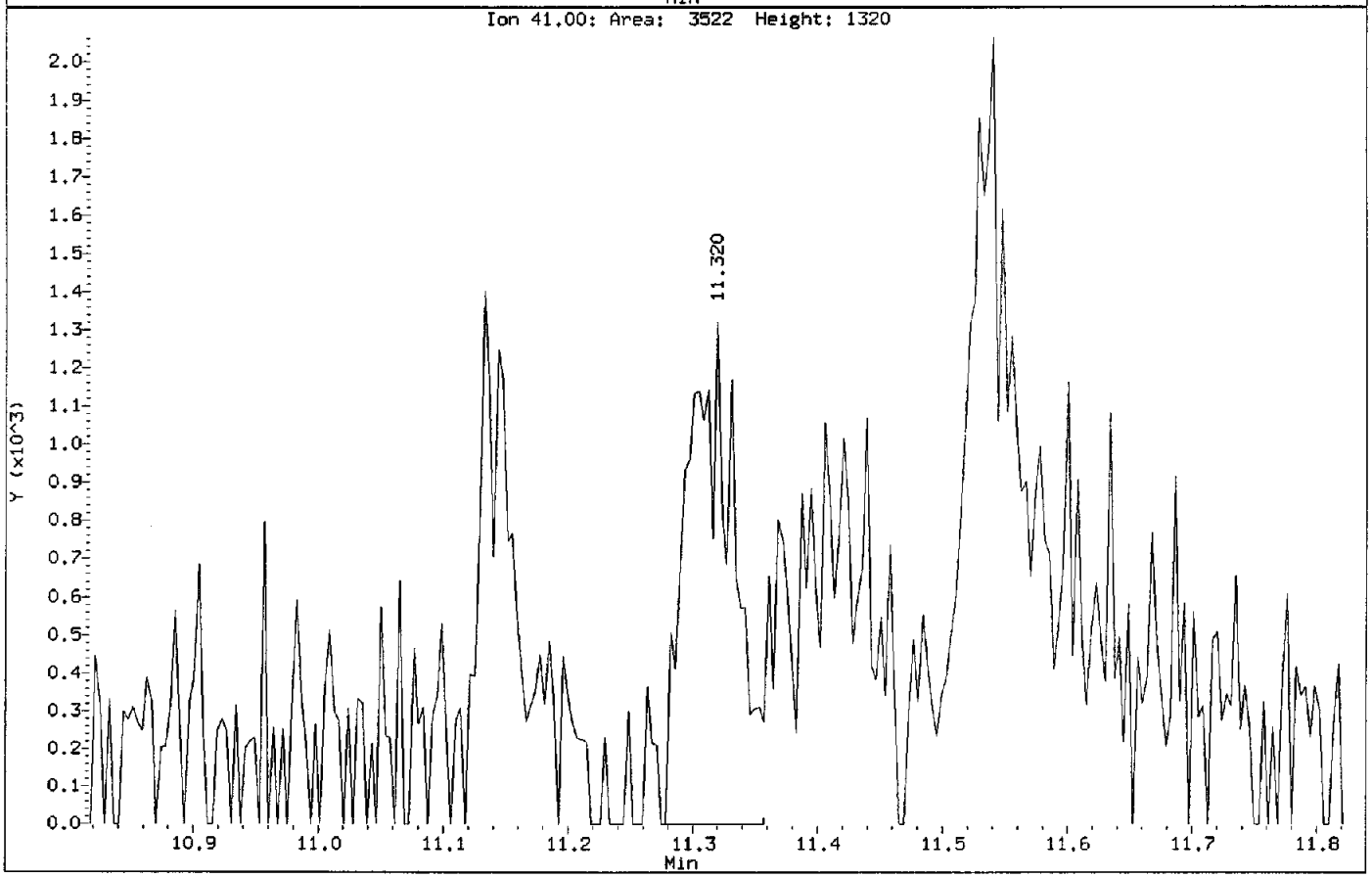
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 2-Nitro-Propane
CAS Number: 79-46-9





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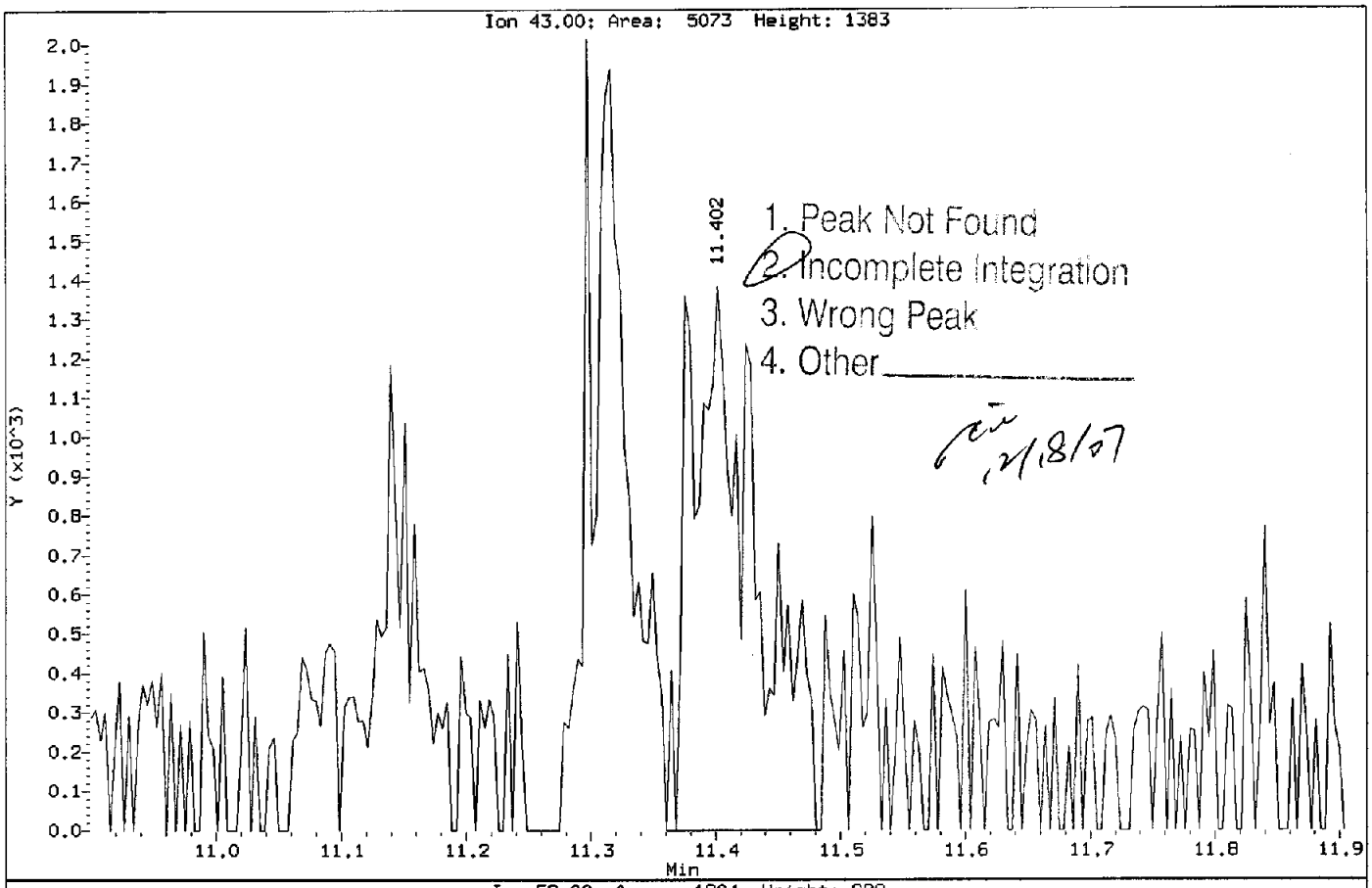
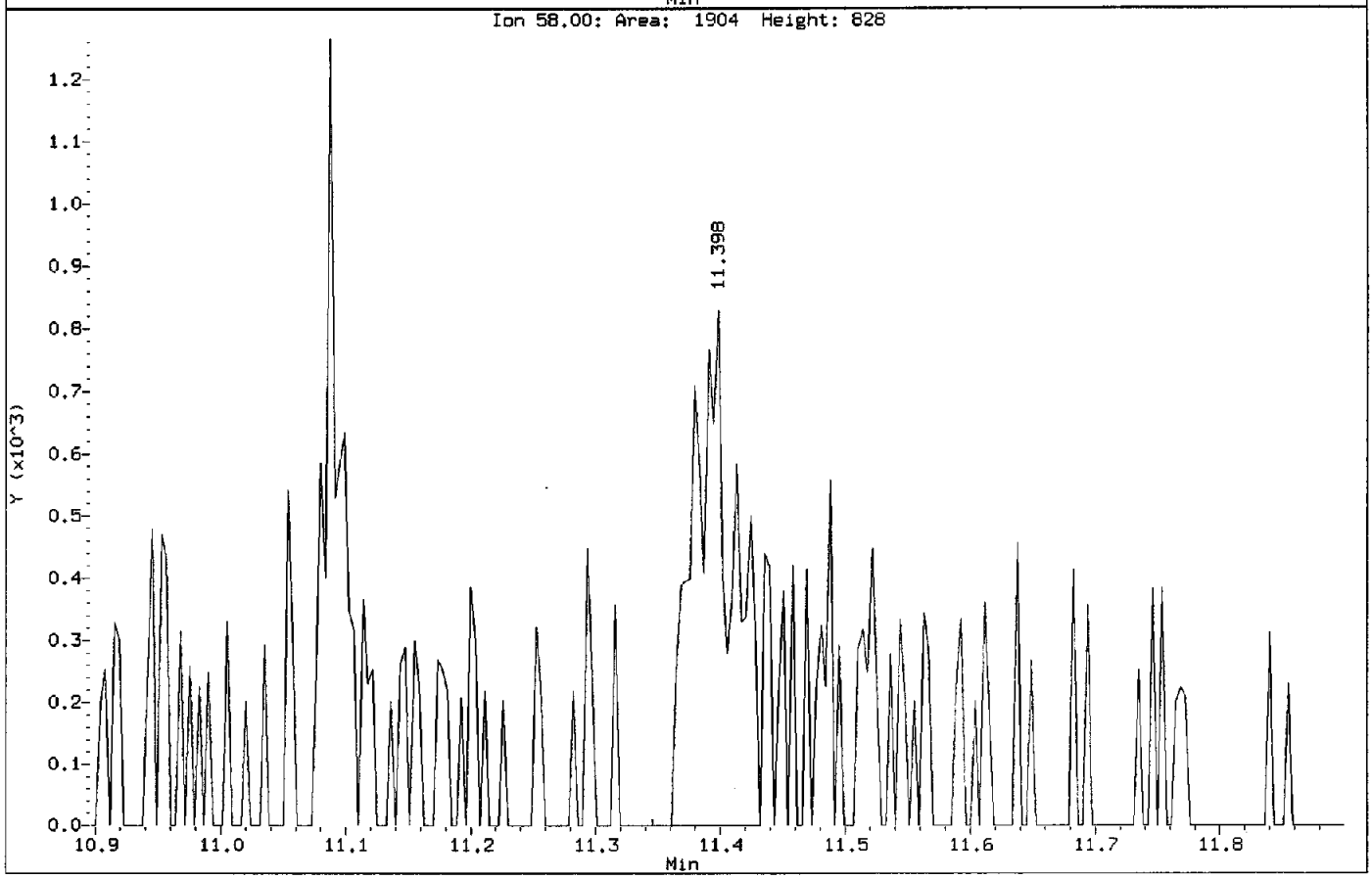
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 4-Methyl-2-pentanone
CAS Number: 108-10-1





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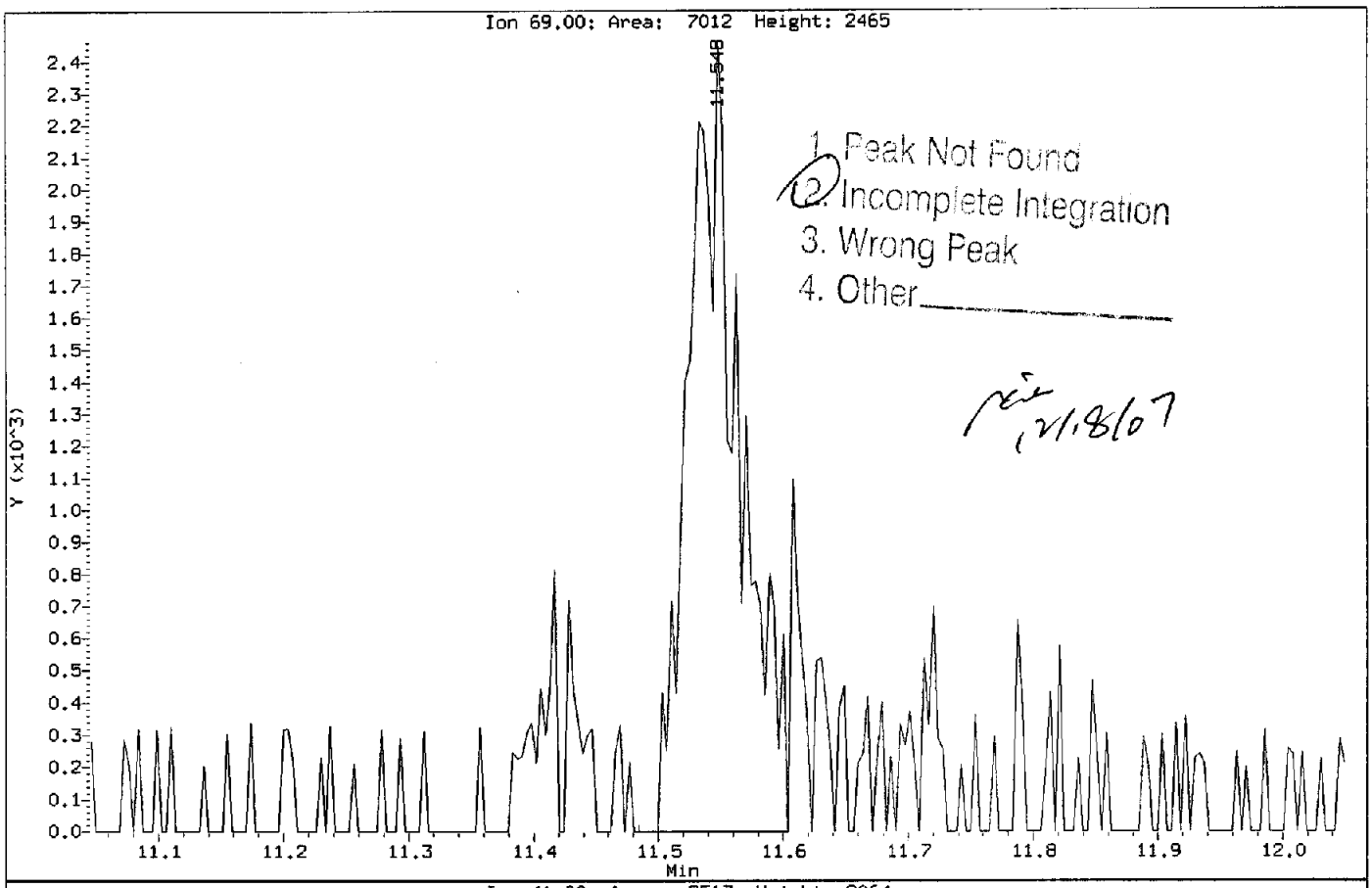
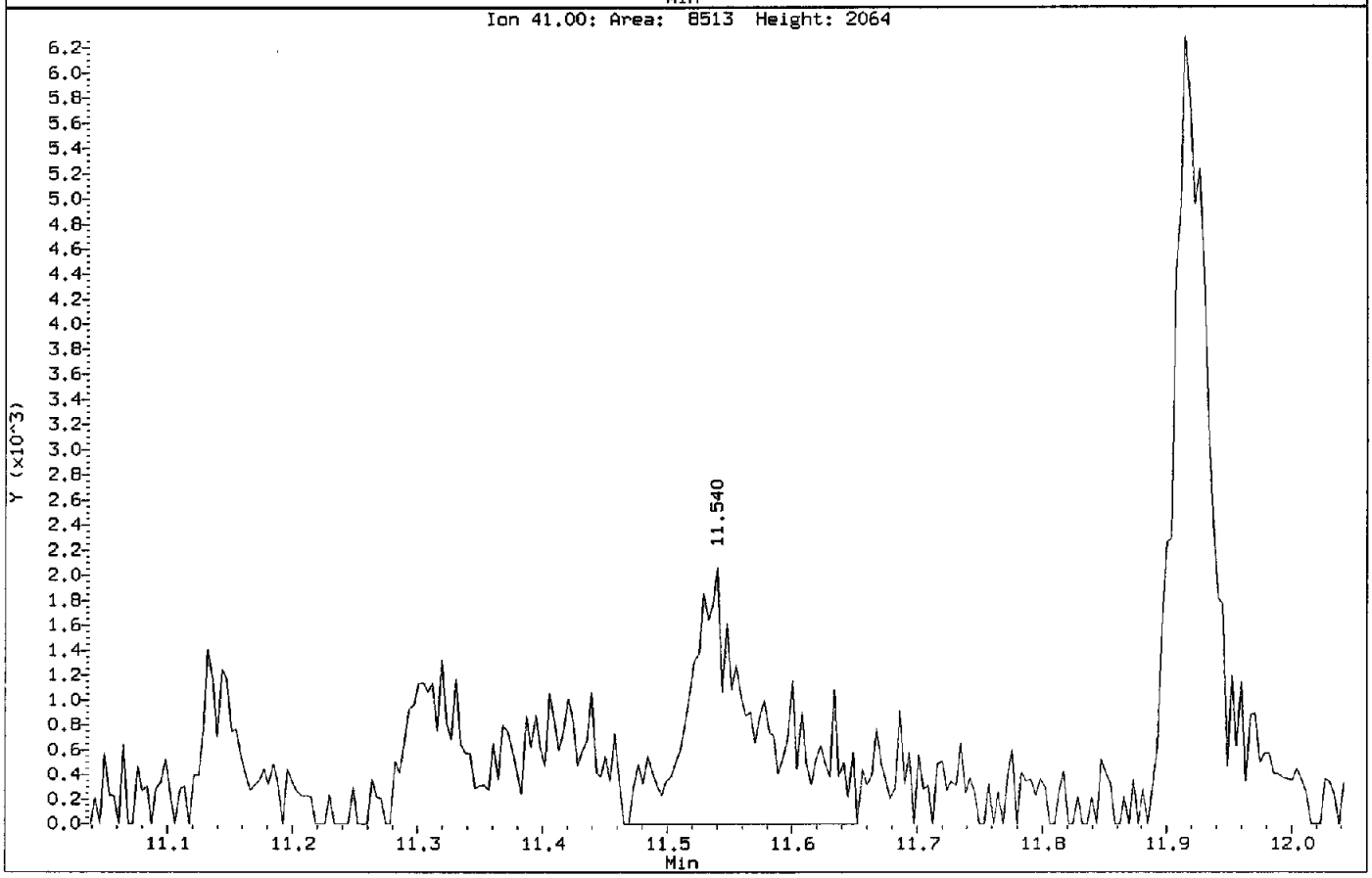
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Ethyl methacrylate
CAS Number: 97-63-2





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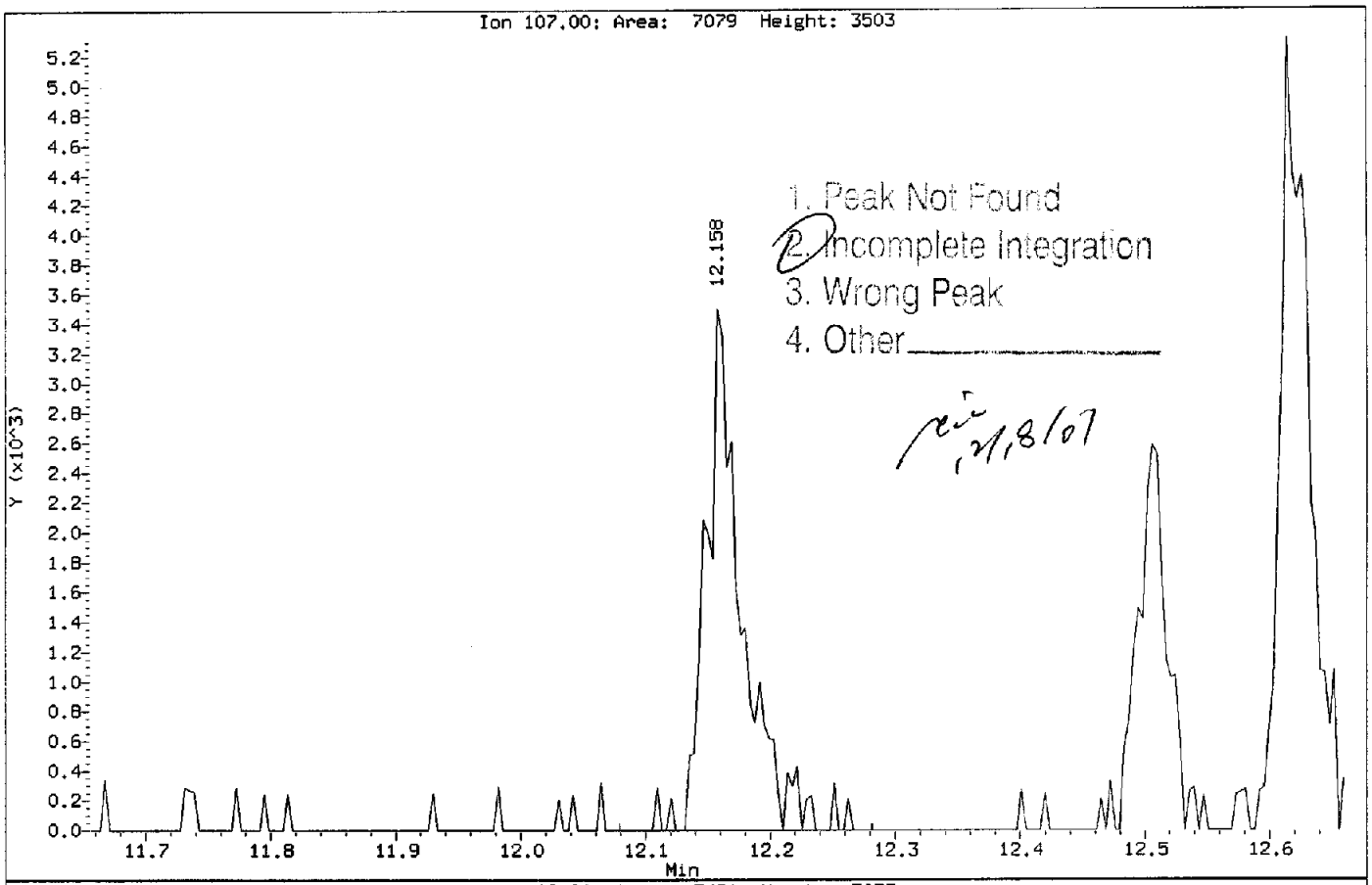
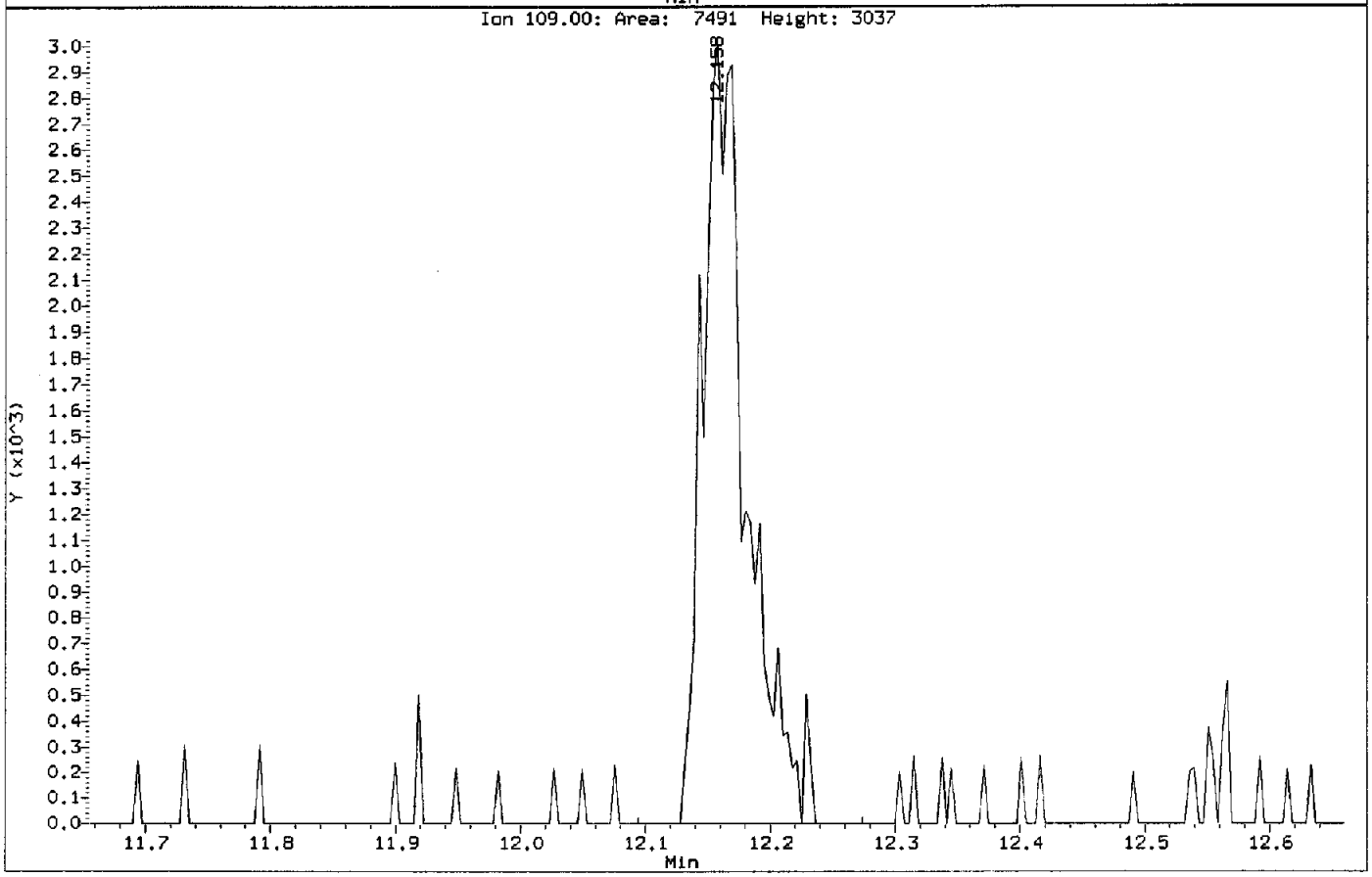
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 1,2-Dibromoethane
CAS Number: 106-93-4





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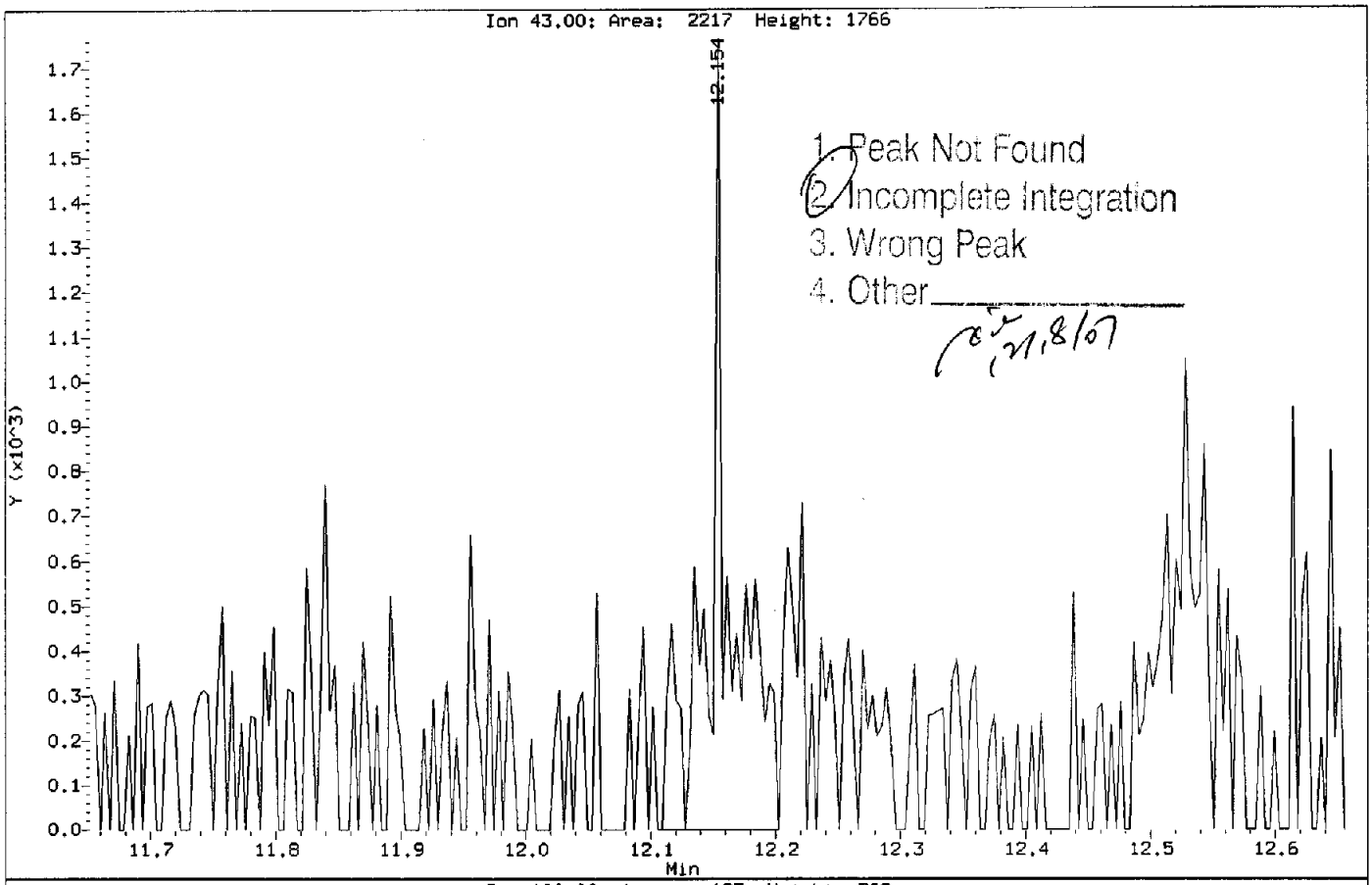
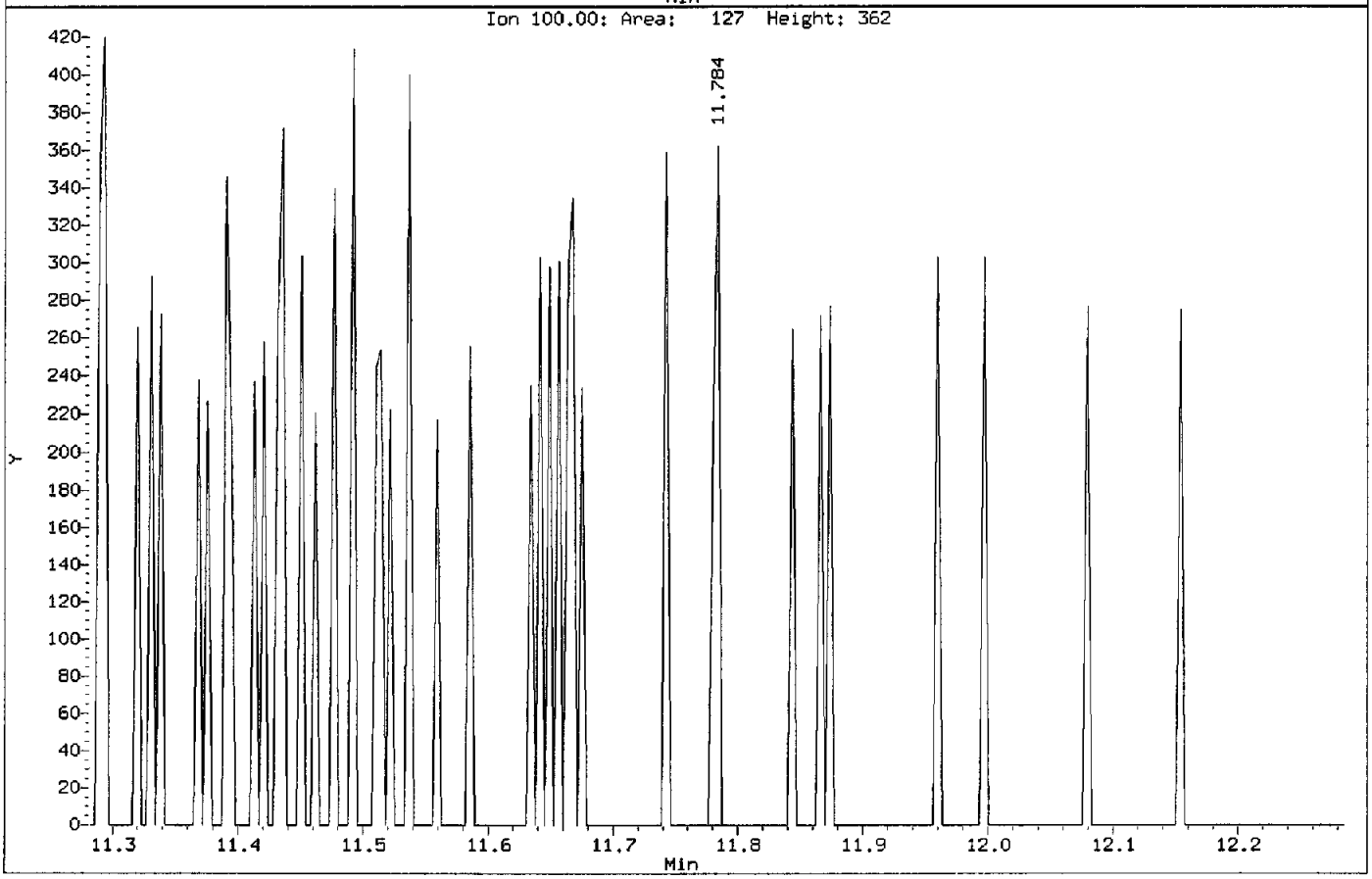
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 2-Hexanone
CAS Number: 591-78-6





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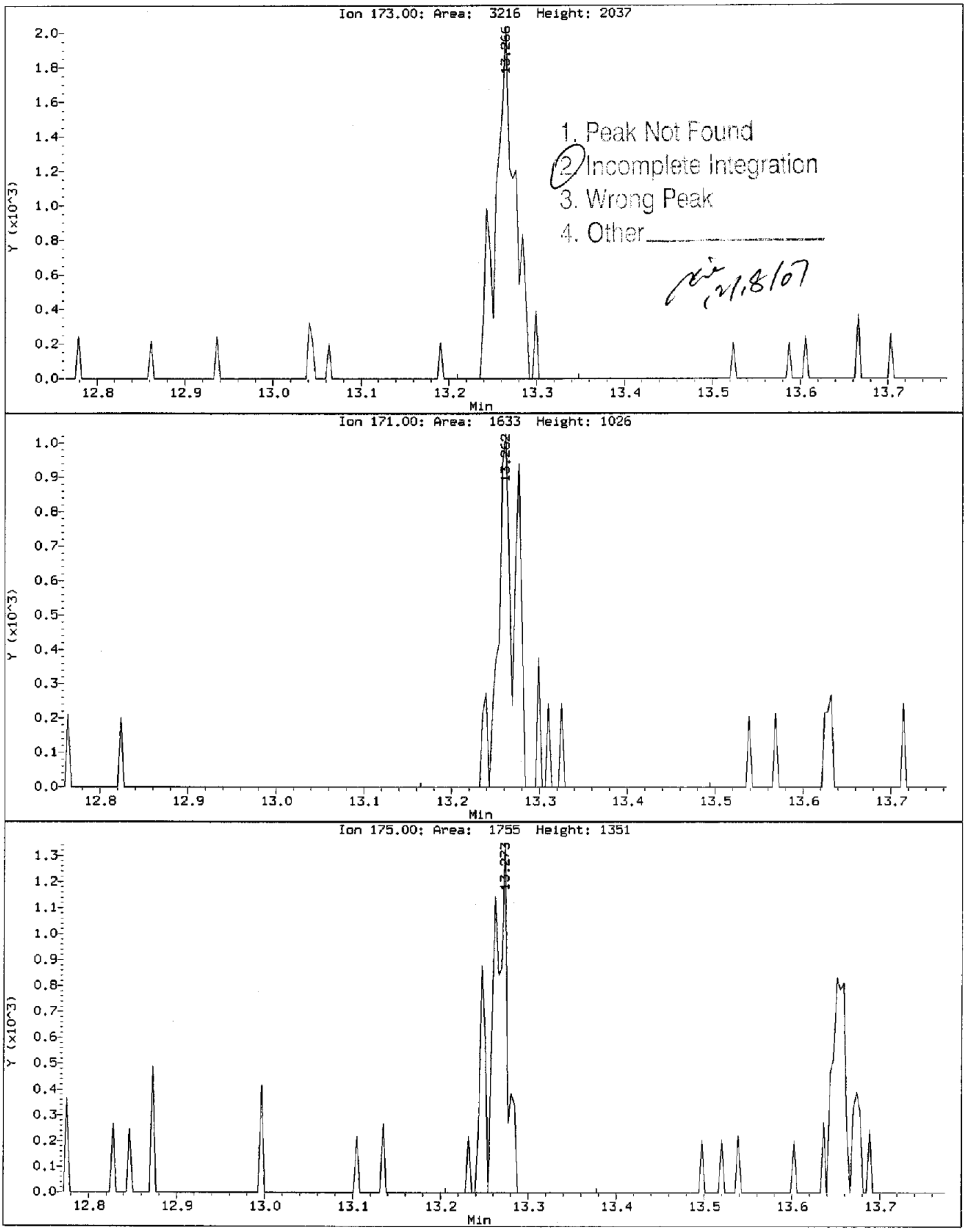
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Bromoform
CAS Number: 75-25-2



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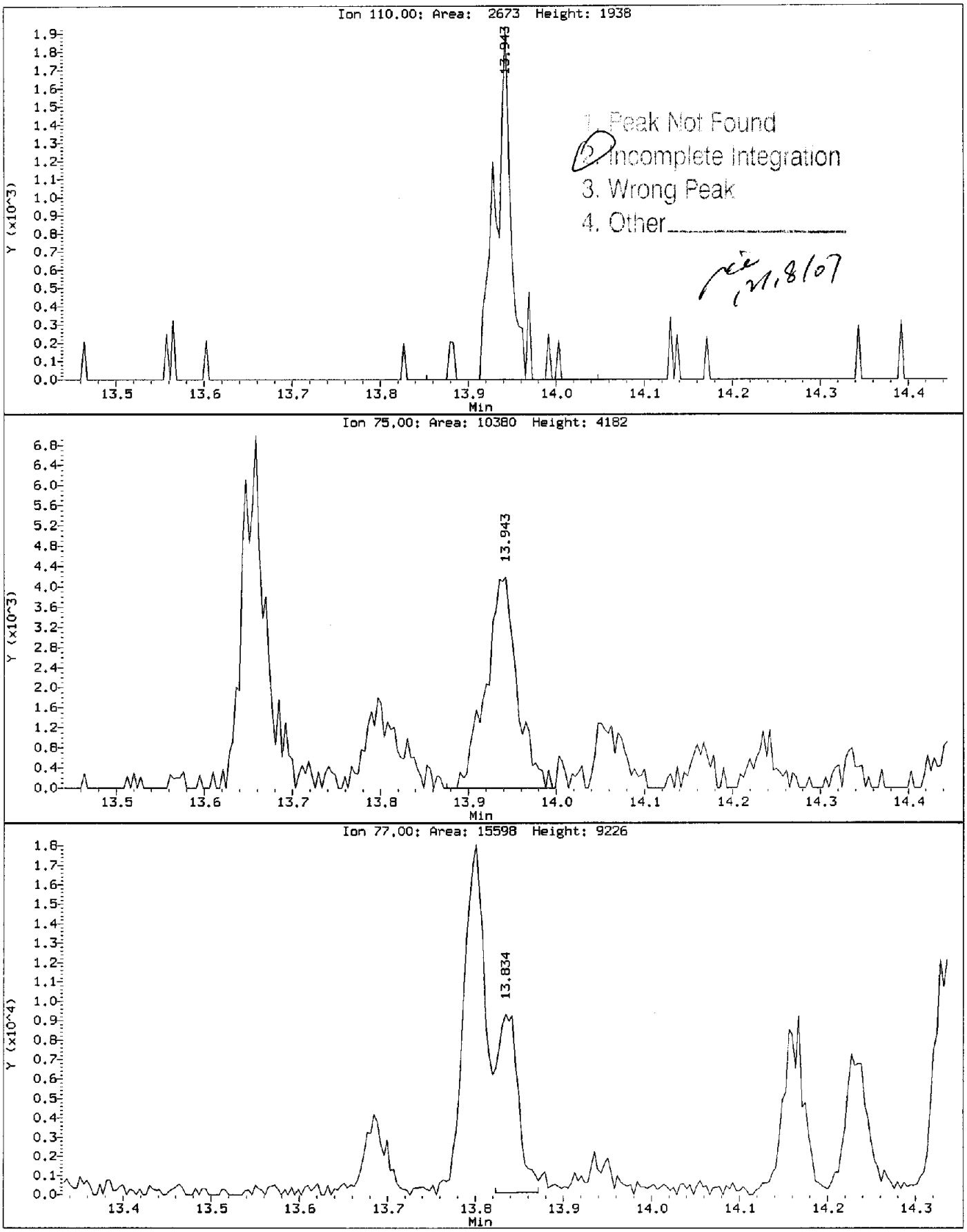
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 1,2,3-Trichloropropane
CAS Number: 96-18-4



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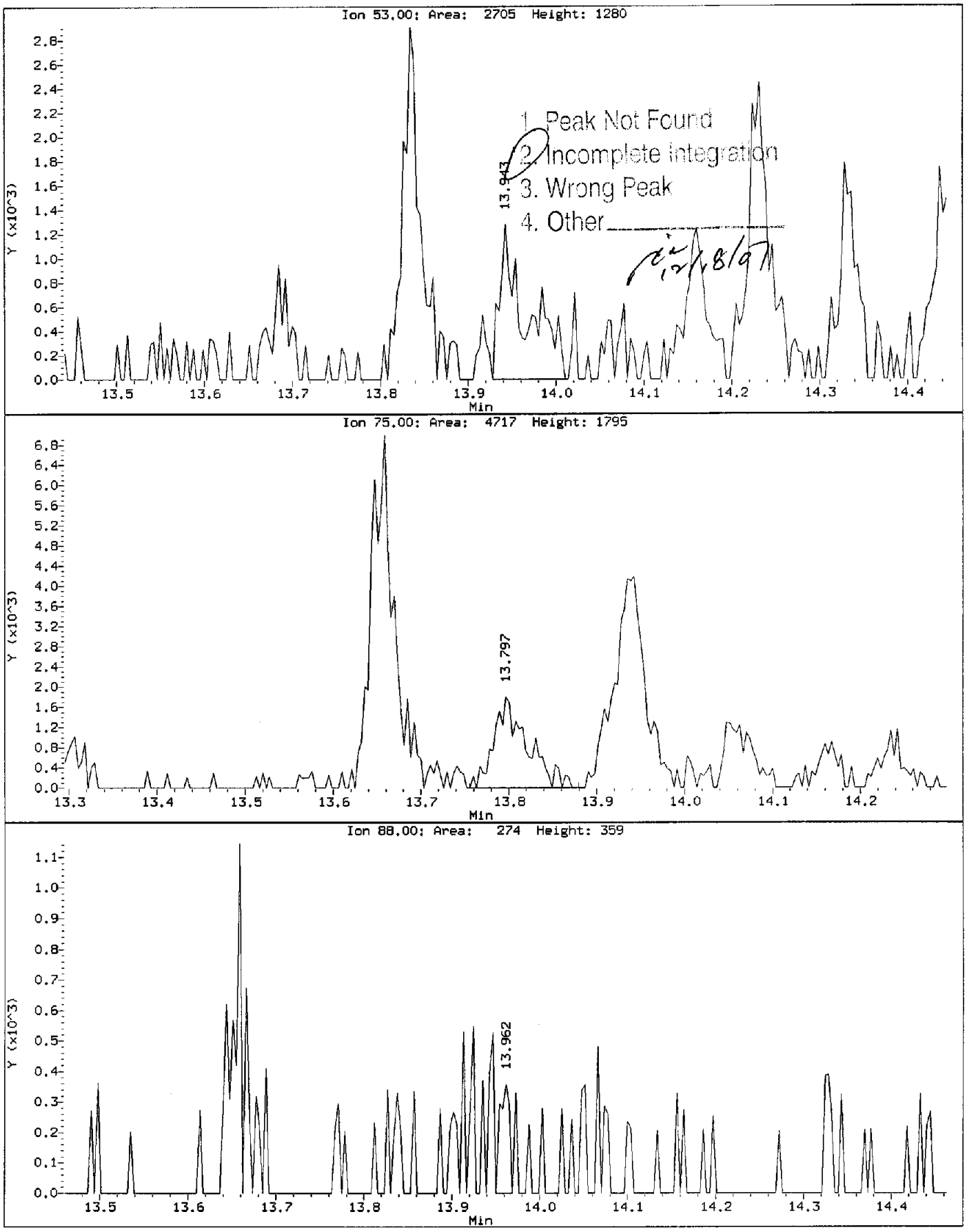
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: trans-1,4-dichloro-2-butene
CAS Number: 110-57-6



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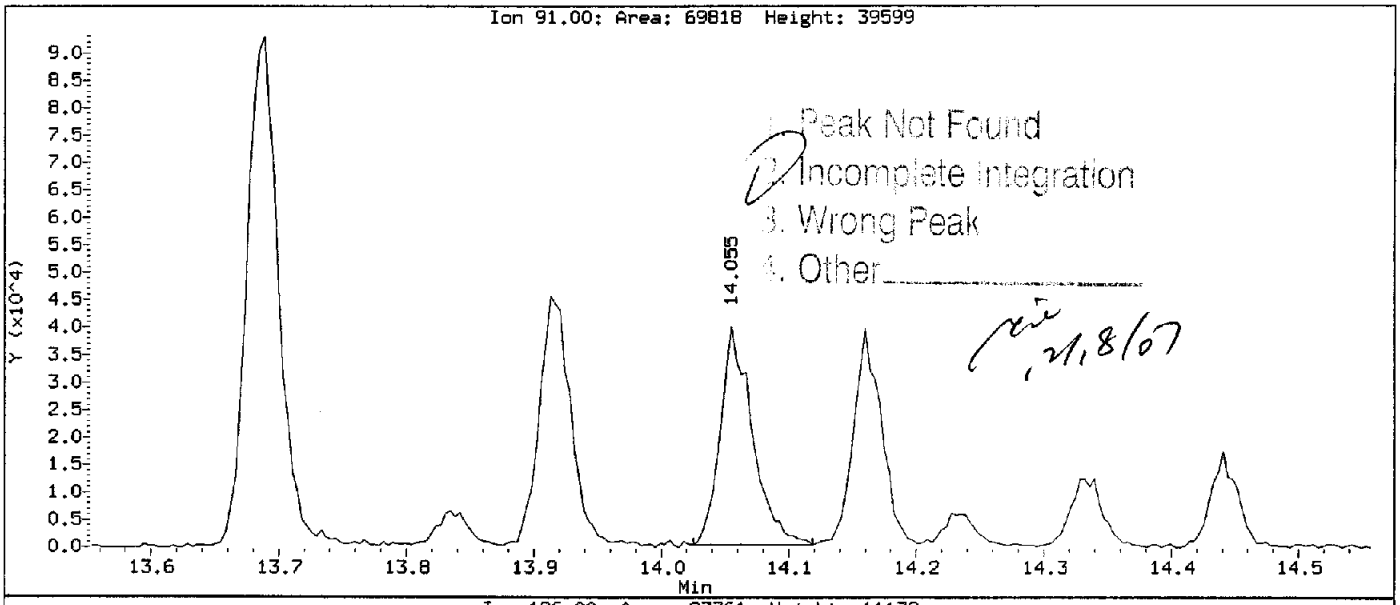
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 4-Chlorotoluene
CAS Number: 106-43-4



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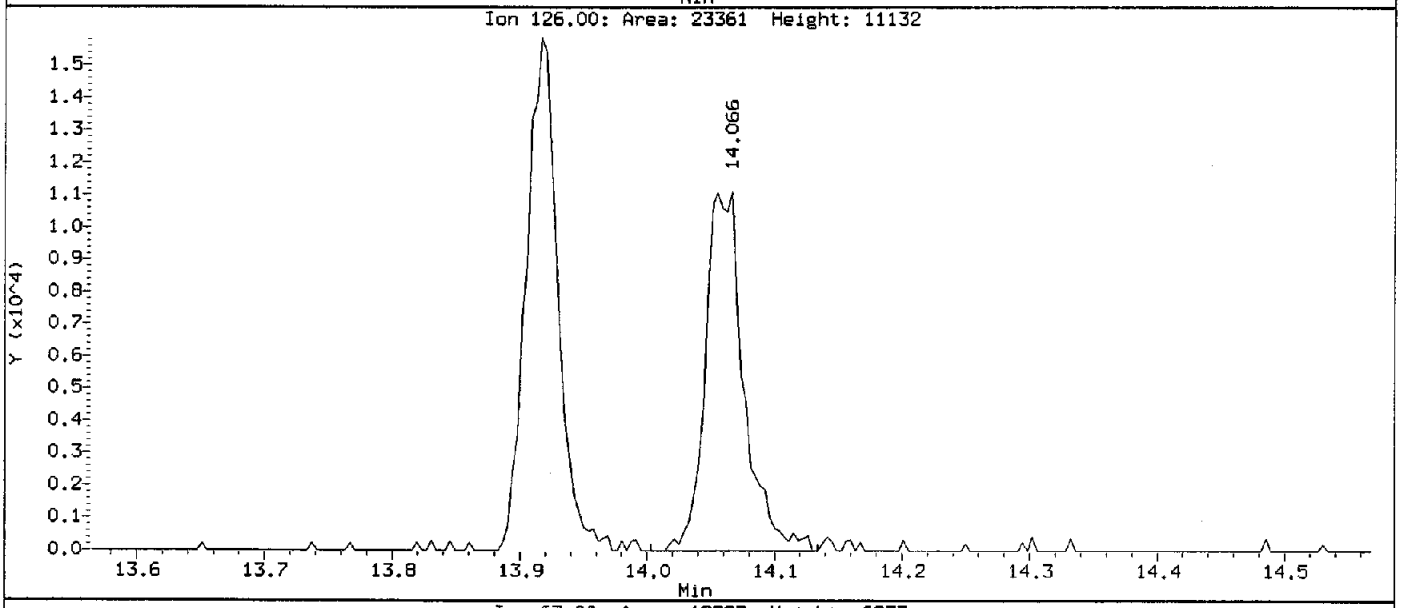
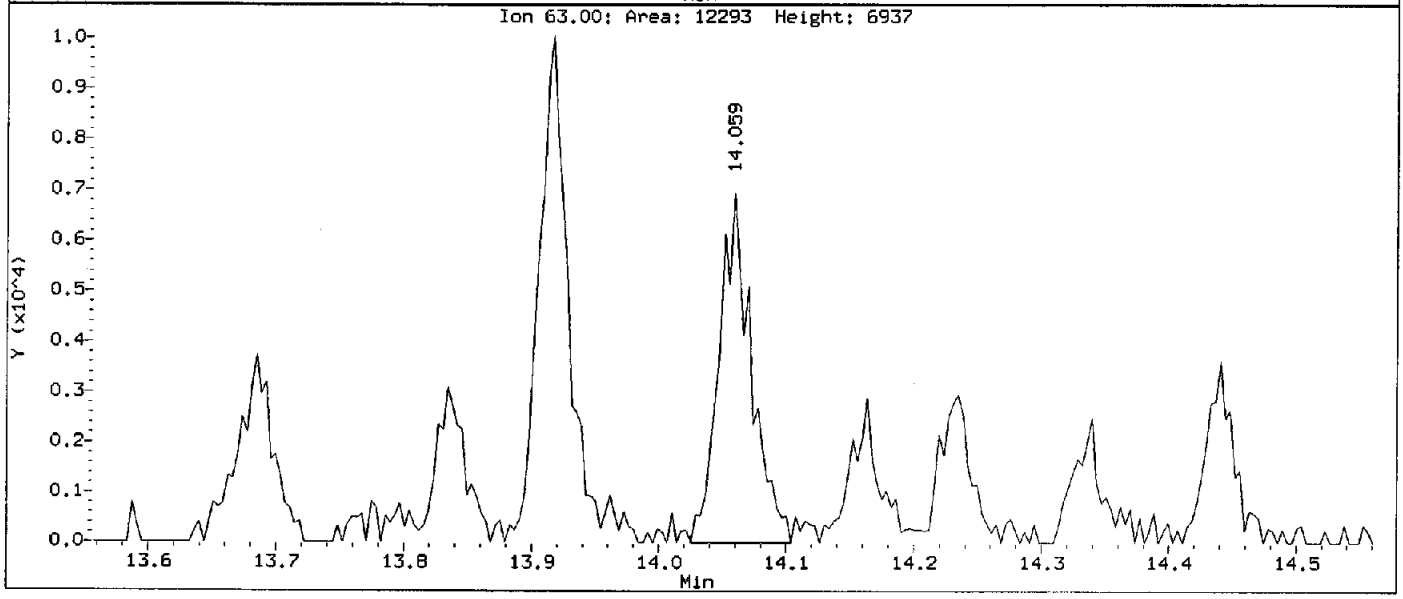
2. Incomplete Integration
3. Wrong Peak
4. Other_____

12/11/8/07





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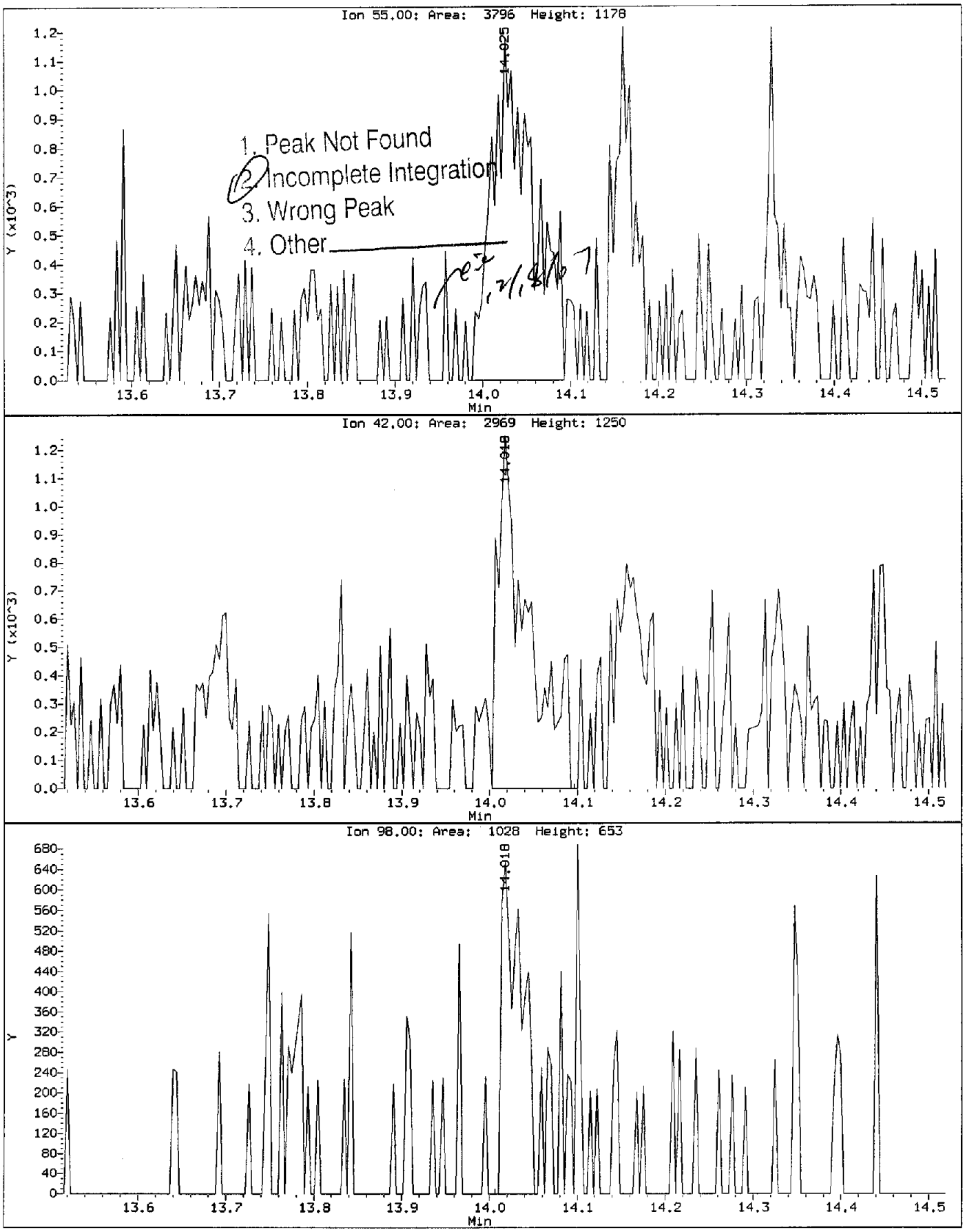
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Cyclohexanone
CAS Number: 108-94-1



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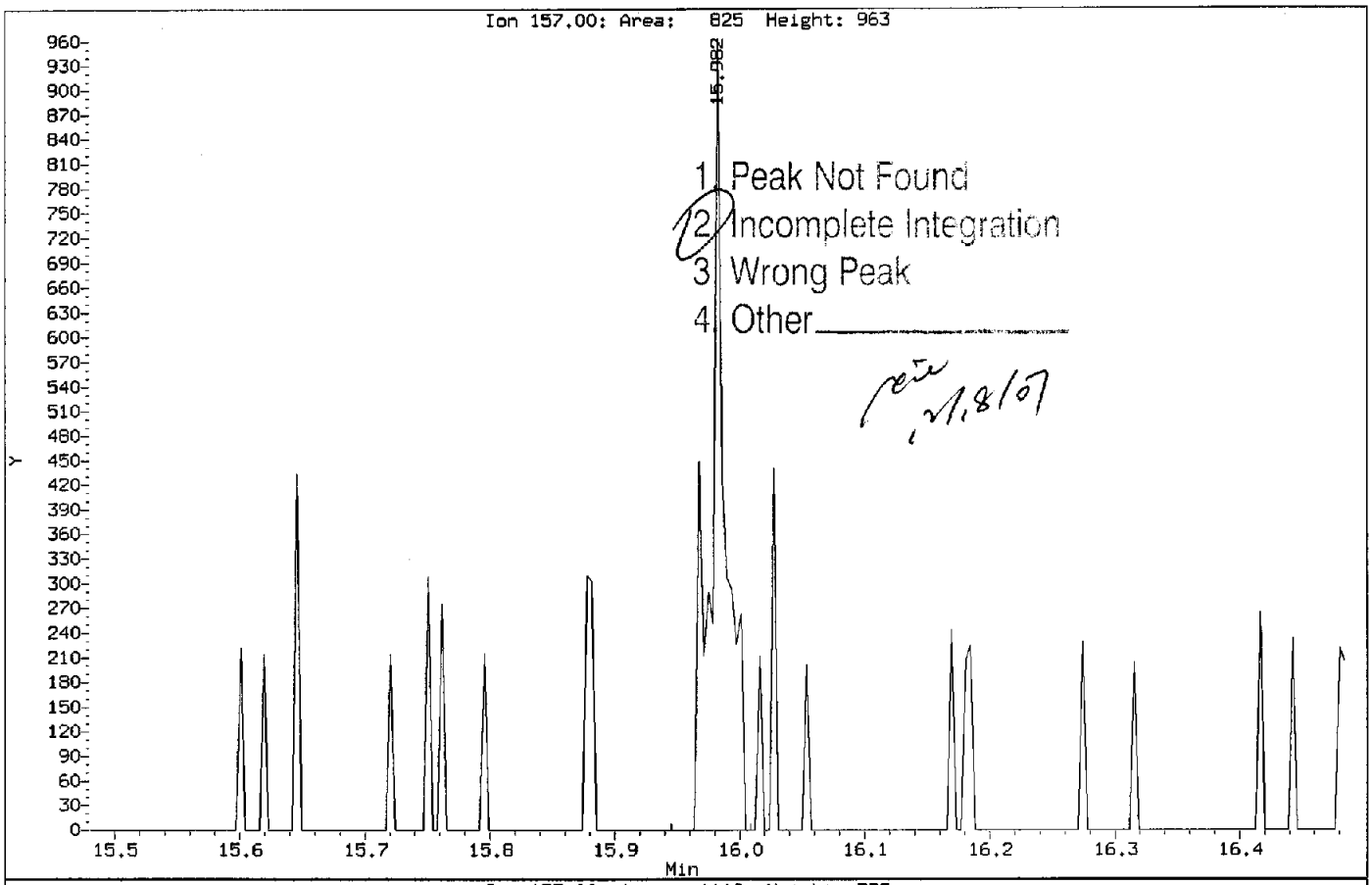
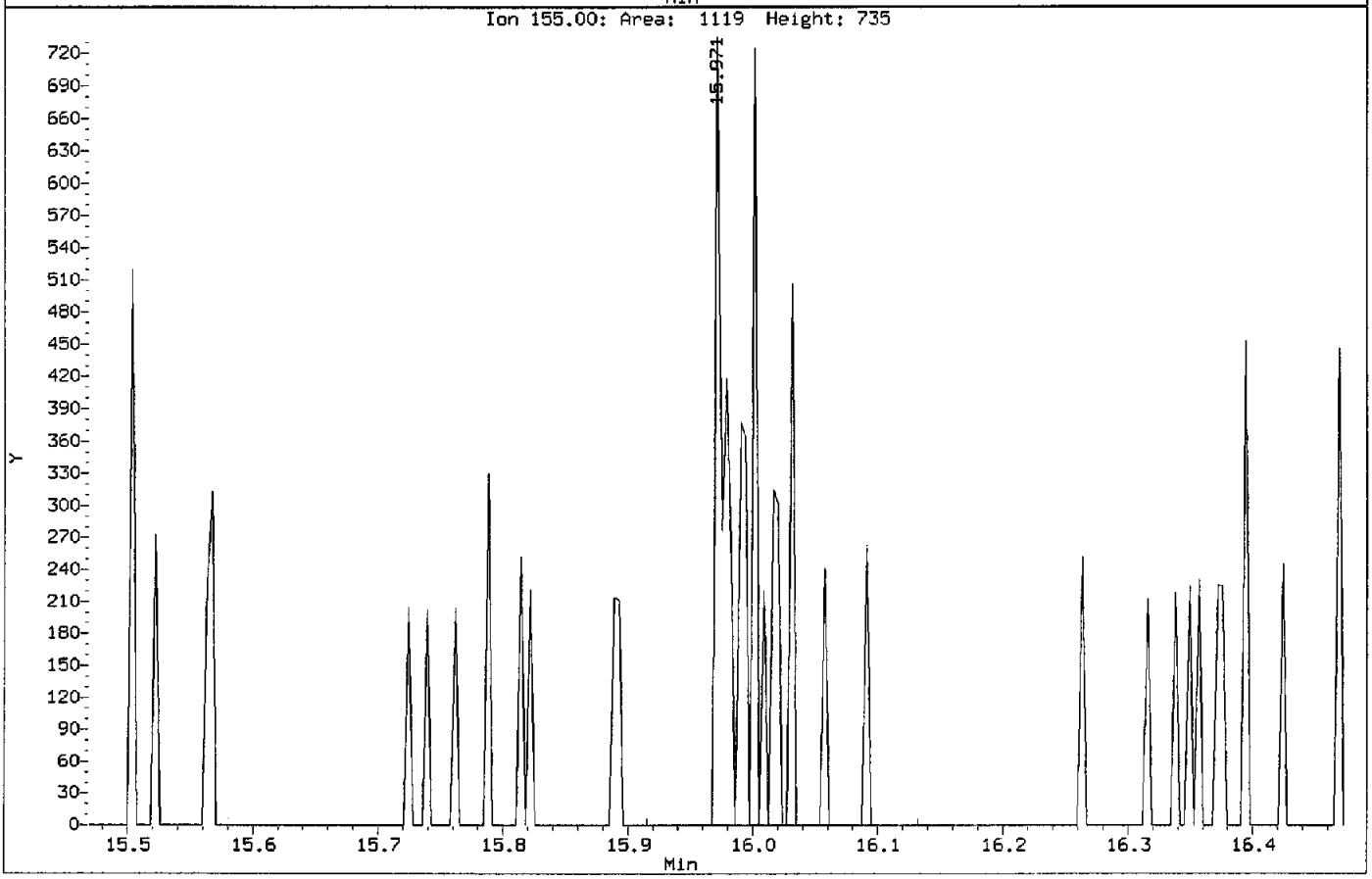
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 1,2-Dibromo-3-chloropropane
CAS Number: 96-12-8





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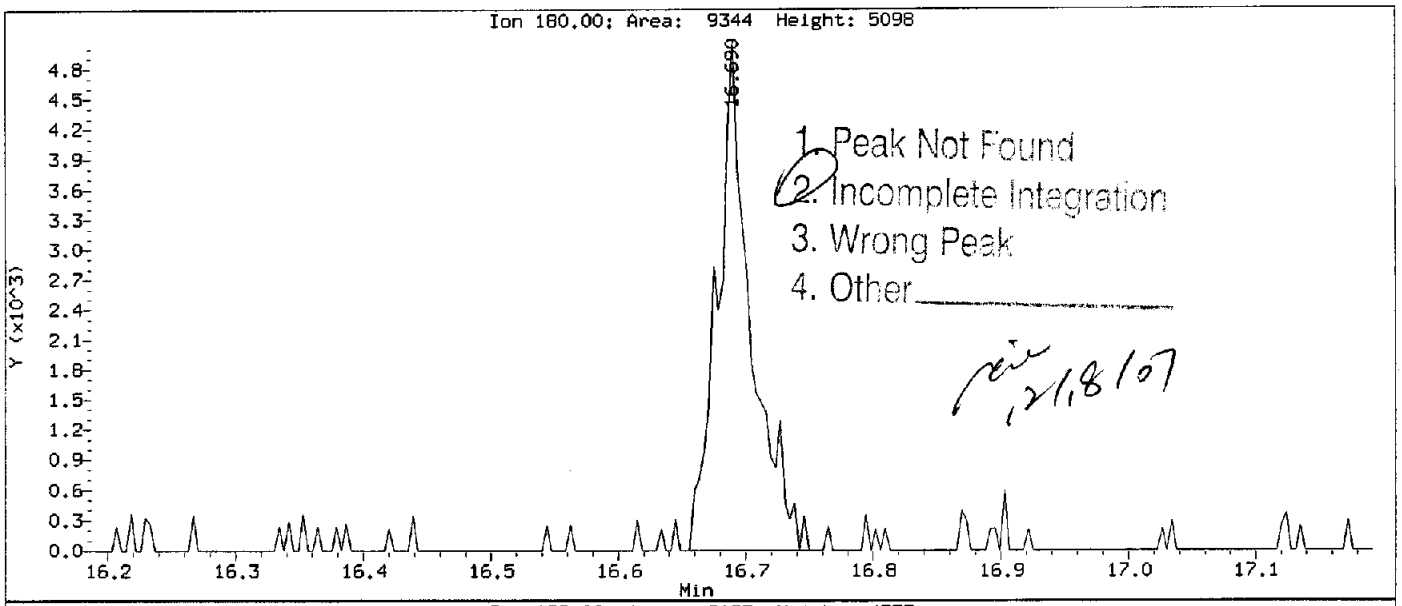
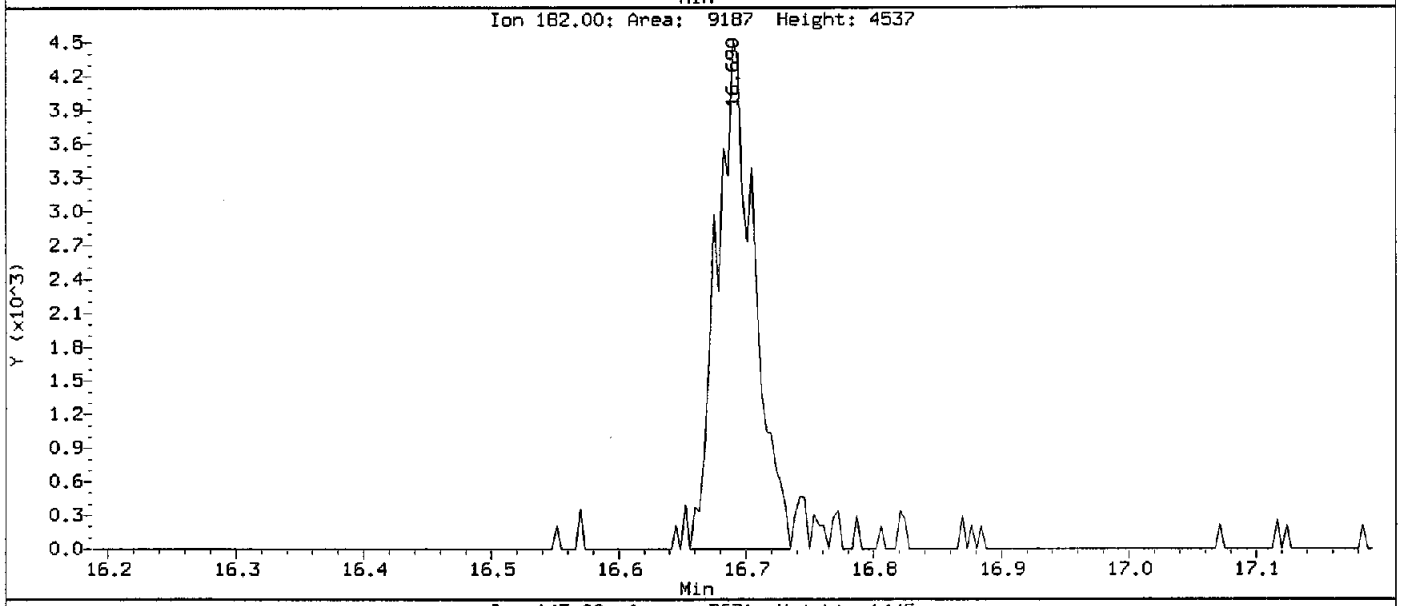
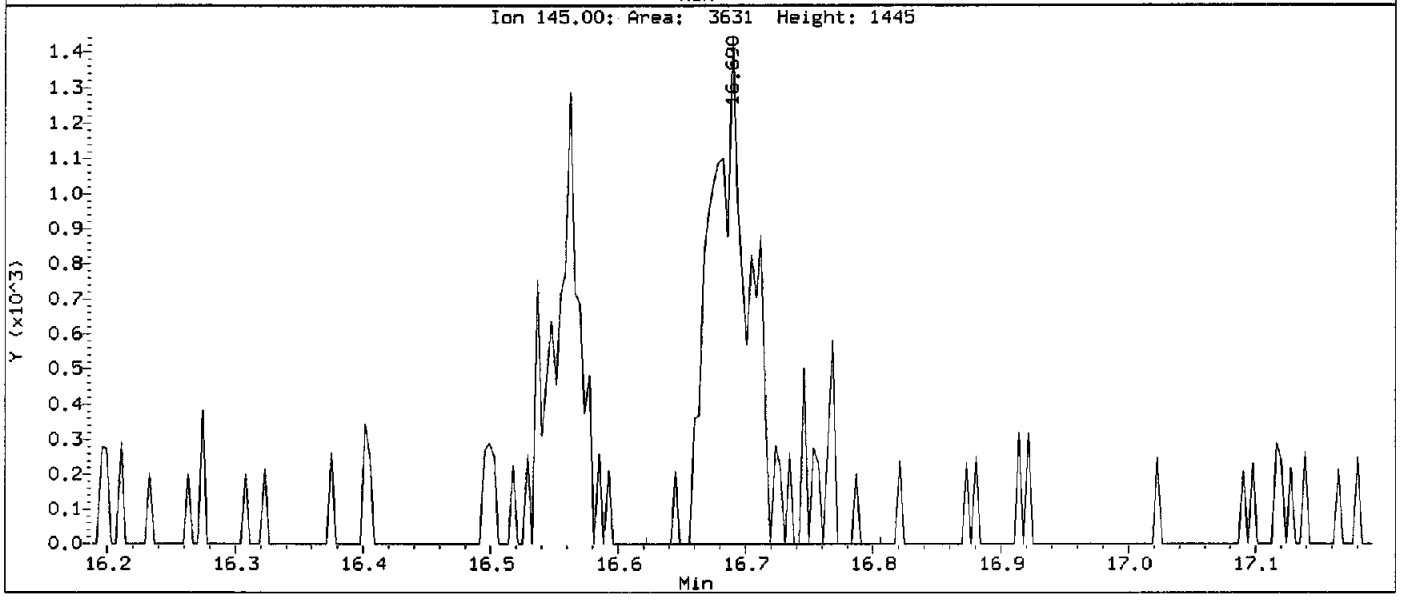
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 1,2,4-Trichlorobenzene
CAS Number: 120-82-1







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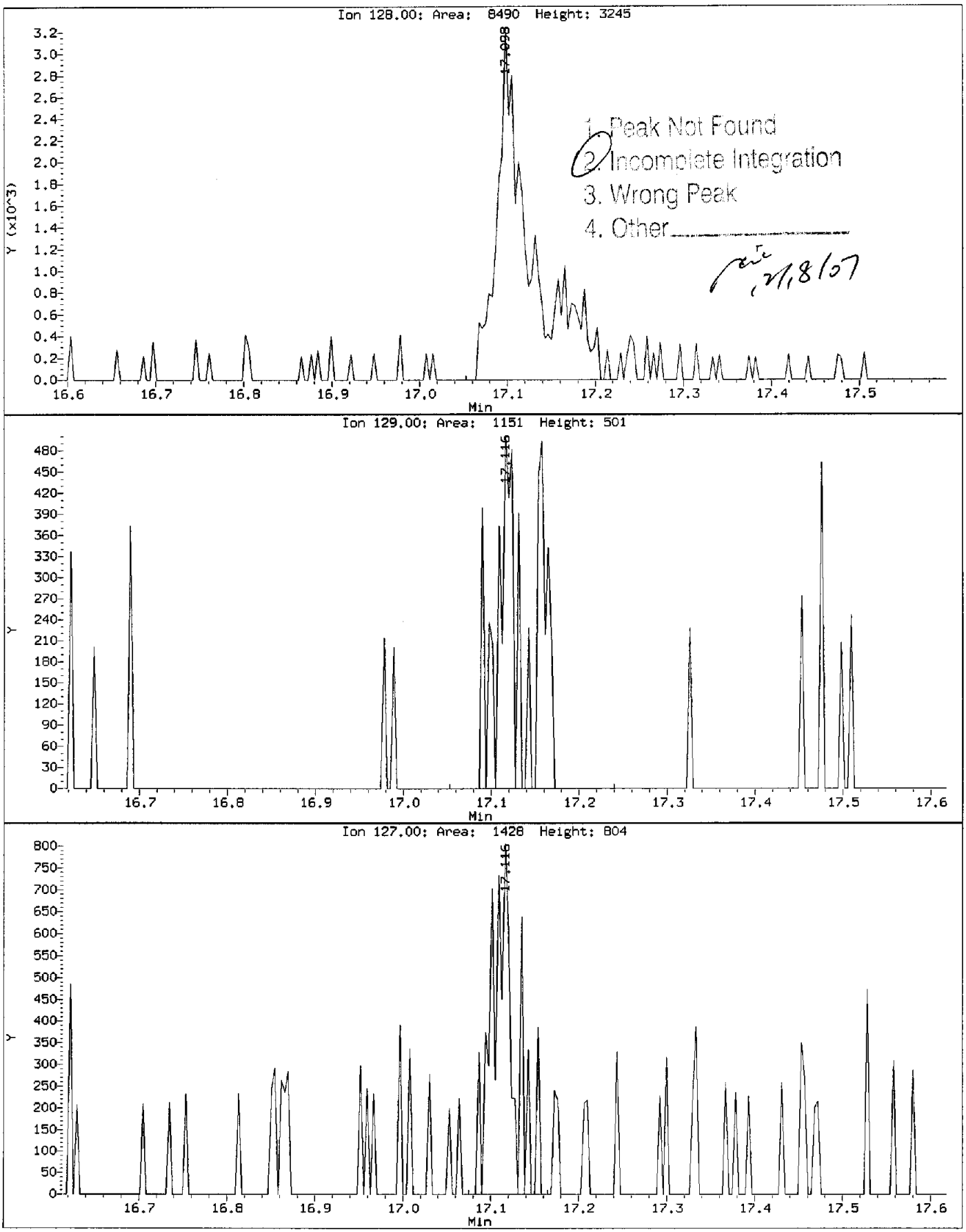
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Naphthalene
CAS Number: 91-20-3



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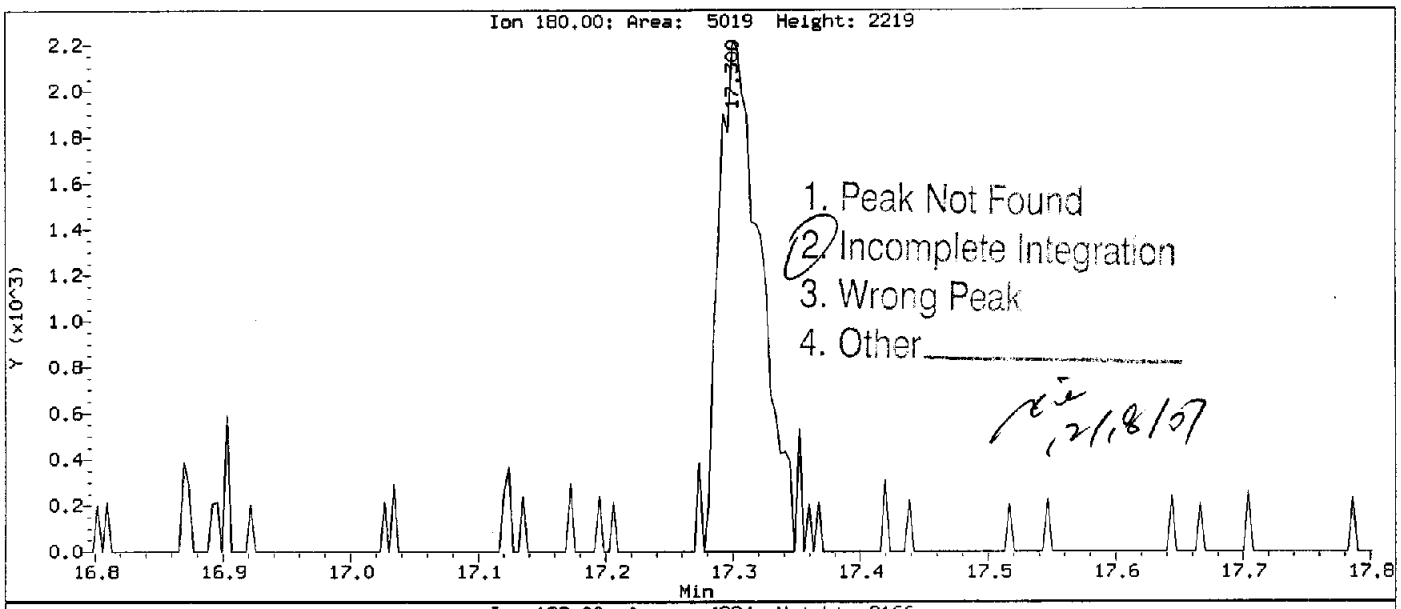
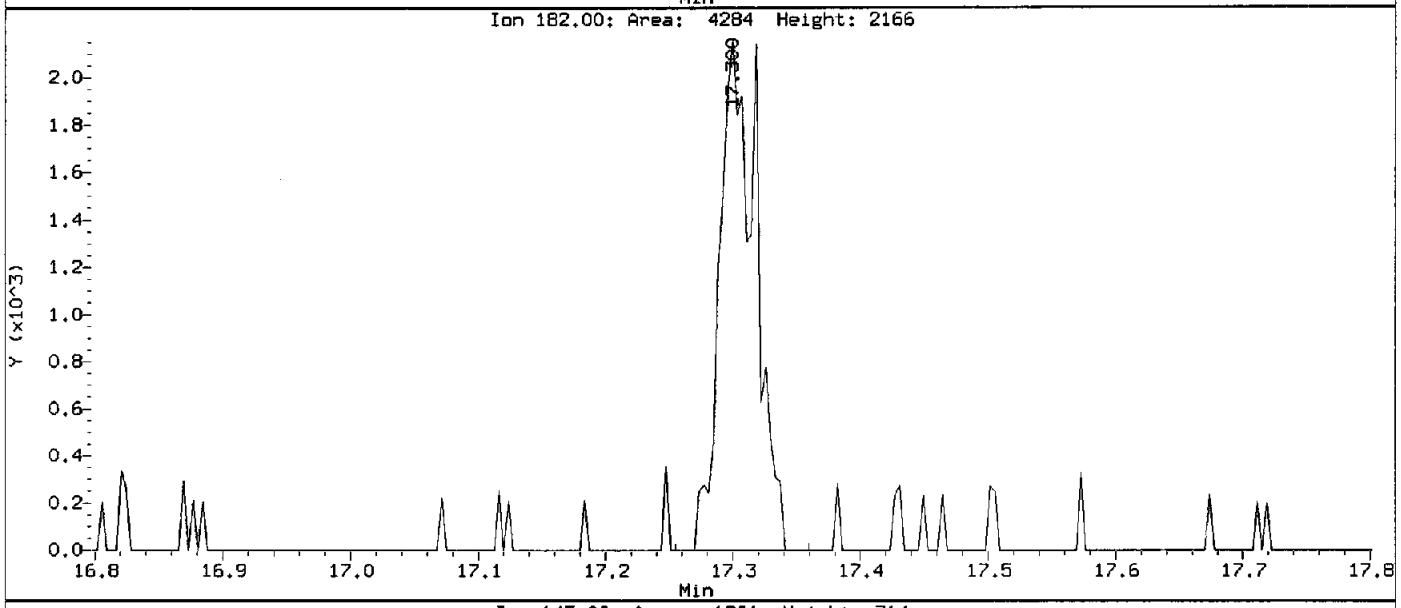
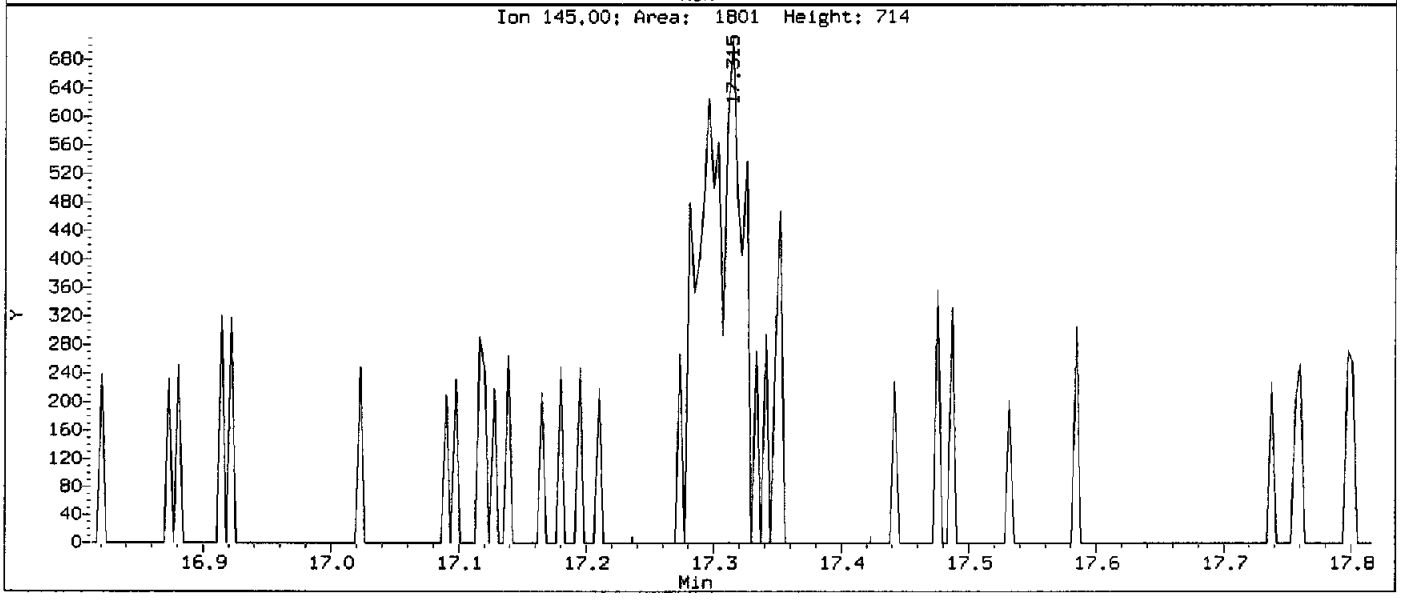
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 1,2,3-Trichlorobenzene
CAS Number: 87-61-6







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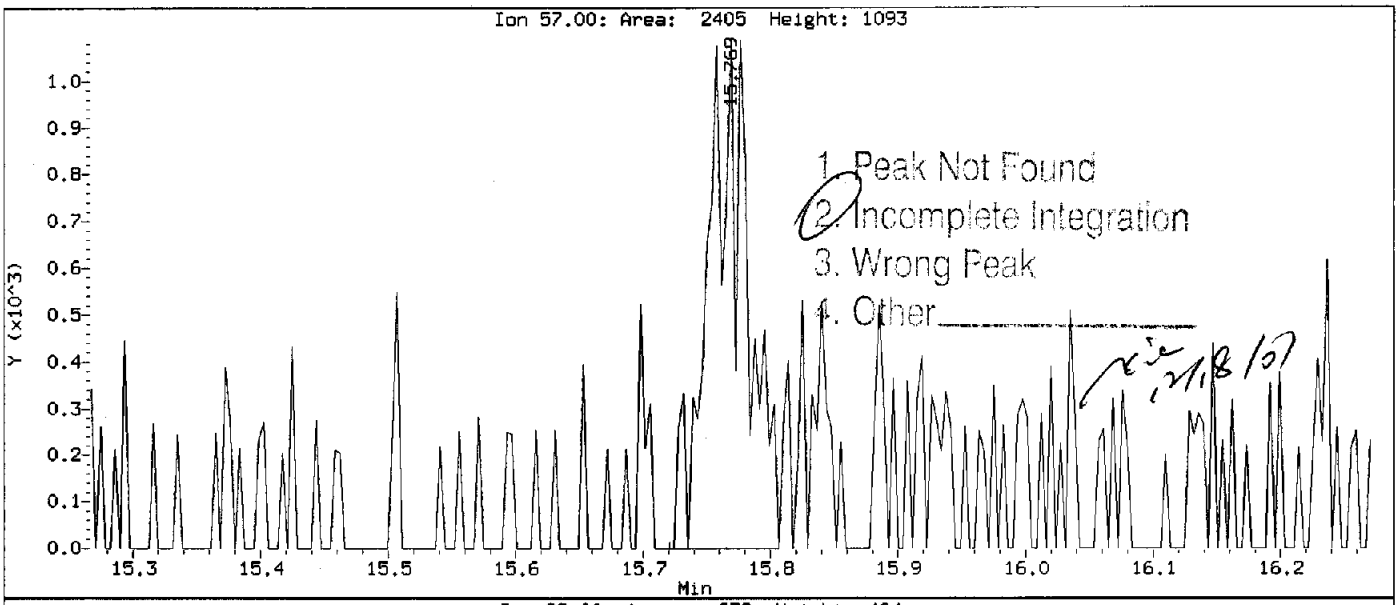
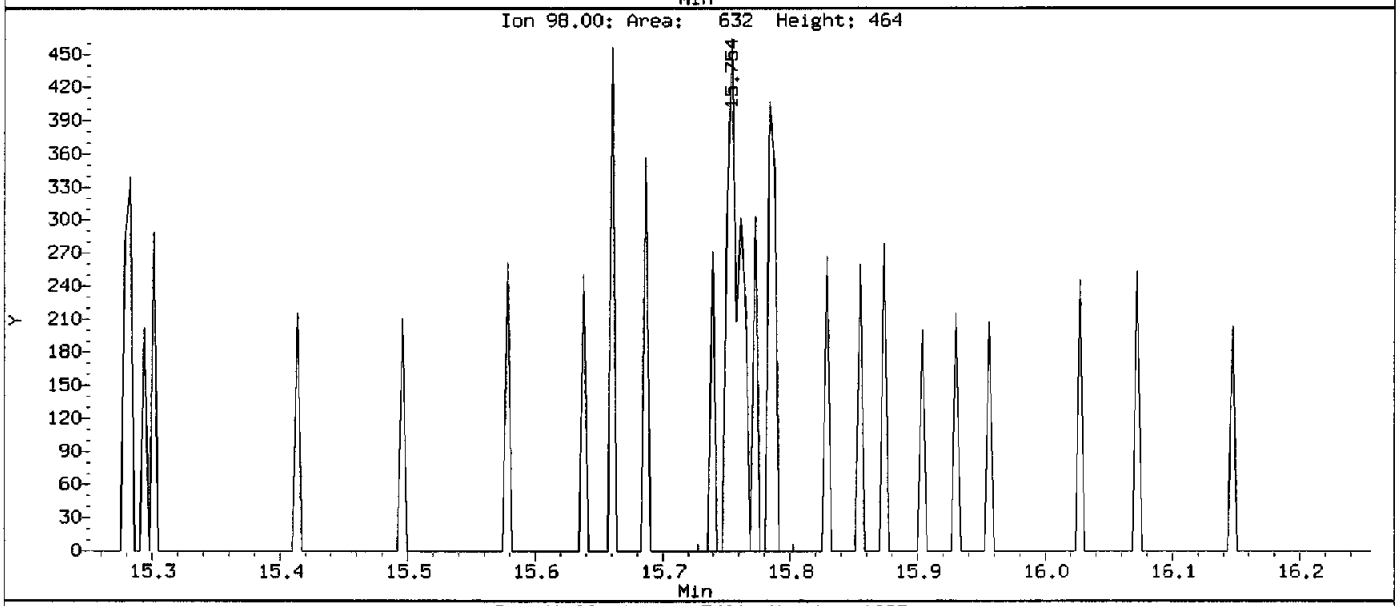
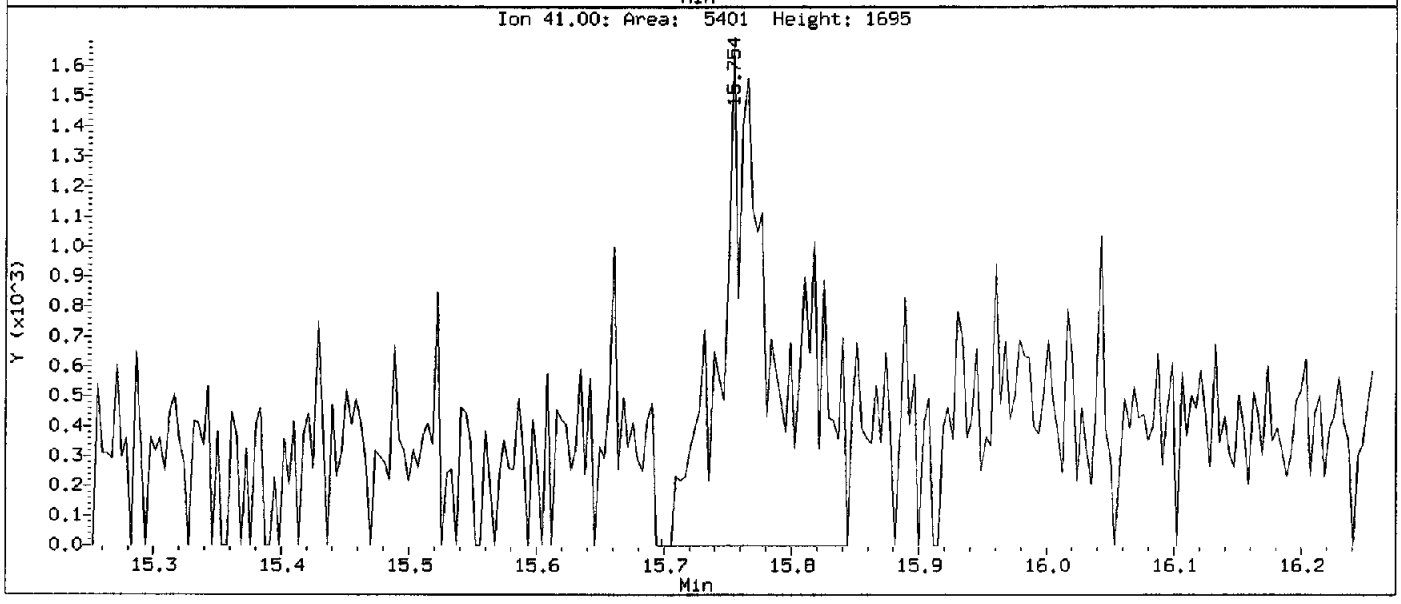
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Nonanal
CAS Number: 124-19-6







Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Lab Smp Id: VSTD0.5 Client Smp ID: VSTD0.5
Inj Date : 17-DEC-2007 16:42
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD0.5;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 11:25 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 16:42 Cal File: LCAL7330.D
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.468	3.468	(0.359)	15224	0.50000	0.4940(M)
	2 Freon-114	135	3.745	3.745	(0.387)	3918	0.50000	0.5403(M)
	3 Chloromethane	50	3.898	3.898	(0.403)	35398	0.50000	0.6317
	4 Vinyl Chloride	62	4.100	4.100	(0.424)	23176	0.50000	0.4886
	5 Bromomethane	94	4.811	4.811	(0.497)	17556	0.50000	0.1535
	6 Chloroethane	64	5.043	5.043	(0.521)	13032	0.50000	0.4546(M)
	7 Trichlorofluoromethane	101	5.287	5.287	(0.547)	18777	0.50000	0.8024(M)
	8 Diethyl ether	59	5.796	5.796	(0.599)	8802	1.00000	1.086
	9 1,1-Dichloroethene	96	6.155	6.155	(0.636)	13237	0.50000	0.5763(M)
	10 1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	12595	0.50000	0.5427
	11 Carbon Disulfide	76	6.320	6.320	(0.653)	41831	0.50000	0.5542
	12 Iodomethane	142	6.439	6.439	(0.666)	5302	0.50000	0.6612(M)
	13 Acrolein	56	6.645	6.645	(0.687)	1290	2.50000	5.657(M)
	14 Allyl chloride	39	6.814	6.814	(0.704)	15338	0.50000	0.5909
	15 Methylene Chloride	84	6.971	6.971	(0.721)	14001	0.50000	0.6536(M)
	16 Acetone	43	6.978	6.978	(0.721)	5356	0.50000	1.322(M)
	17 trans-1,2-Dichloroethene	96	7.188	7.188	(0.743)	15496	0.50000	0.5611
	18 n-Hexane	57	7.180	7.180	(0.742)	24943	0.50000	0.5116(M)
	19 Methyl Acetate	74	7.135	7.135	(0.738)	1294	0.50000	0.6287(M)
	20 MTBE	73	7.221	7.221	(0.747)	13771	0.50000	0.8719(M)
M	21 1,2-Dichloroethene (total)	96				28259	1.00000	1.098
	22 Acetonitrile	41	7.577	7.577	(0.783)	2916	2.50000	4.286(M)

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	23 Acrylonitrile	53	7.947	7.947	(0.822)	5193	2.50000	2.445(M)
	24 1,1-Dichloroethane	63	7.880	7.880	(0.815)	26168	0.50000	0.5378
	25 2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	20044	0.50000	0.5116
	26 Vinyl acetate	43	8.108	8.108	(0.838)	6486	0.50000	0.5267(M)
	27 cis-1,2-Dichloroethene	96	8.464	8.464	(0.875)	12763	0.50000	0.5371
	28 2,2-Dichloropropane	77	8.539	8.539	(0.883)	23116	0.50000	0.5698(M)
	29 Bromochloromethane	128	8.707	8.707	(0.900)	3112	0.50000	0.5642(M)
	30 Cyclohexane	84	8.670	8.670	(0.896)	21382	0.50000	0.5009
	31 Chloroform	83	8.707	8.707	(0.900)	21680	0.50000	0.5441
	32 Ethyl acetate	43	8.786	8.786	(0.908)	1312	1.00000	1.680(M)
	33 Carbon Tetrachloride	117	8.905	8.905	(0.921)	17735	0.50000	0.5447(M)
	34 Isobutanol	42	8.928	8.928	(0.923)	4778	10.0000	24.90(M)
	35 Tetrahydrofuran	71	8.917	8.917	(0.922)	1241	2.50000	2.241(M)
$	36 Dibromofluoromethane	113	8.909	8.909	(0.921)	7288	0.50000	0.5107
	37 1,1,1-Trichloroethane	97	8.943	8.943	(0.925)	20706	0.50000	0.5286
	38 2-Butanone	43	8.950	8.950	(0.925)	2212	0.50000	1.342(M)
	39 1,1-Dichloropropene	75	9.059	9.059	(0.937)	19200	0.50000	0.5057
	40 Benzene	78	9.317	9.317	(0.963)	59329	0.50000	0.5327
	41 Propionitrile	54	9.302	9.302	(0.962)	2011	2.50000	2.965(M)
	42 Methacrylonitrile	41	9.310	9.310	(0.962)	5880	2.50000	5.021
$	43 1,2-Dichloroethane-d4	65	9.452	9.452	(0.977)	5996	0.50000	0.5343
	44 1,2-Dichloroethane	62	9.519	9.519	(0.984)	7647	0.50000	0.5114
*	45 Fluorobenzene	96	9.673	9.673	(1.000)	962595	10.0000	
	47 Methylcyclohexane	55	9.815	9.815	(1.015)	21298	0.50000	0.5270
	48 Trichloroethene	130	9.860	9.860	(1.019)	15175	0.50000	0.5626
	49 Dibromomethane	93	10.328	10.328	(1.068)	2832	0.50000	0.5878(M)
	50 1,2-Dichloropropane	63	10.328	10.328	(1.068)	10662	0.50000	0.5052
	51 Bromodichloromethane	83	10.399	10.399	(1.075)	10915	0.50000	0.5389
M	52 Xylenes (total)	106				69777	1.50000	1.501
	53 Methyl methacrylate	69	10.440	10.440	(1.079)	1830	0.50000	0.4612(M)
	54 1,4-Dioxane	88	10.582	10.582	(1.094)	4150	10.0000	2.899(M)
	56 cis-1,3-Dichloropropene	75	10.945	10.945	(1.132)	12434	0.50000	0.5945(M)
$	57 Toluene-d8	98	11.098	11.098	(0.886)	39349	0.50000	0.4987
	58 Toluene	91	11.151	11.151	(0.890)	59064	0.50000	0.5340
	59 2-Nitro-Propane	43	11.330	11.330	(0.904)	2246	0.50000	1.186(M)
	60 4-Methyl-2-pentanone	43	11.409	11.409	(0.910)	2026	0.50000	0.4316(M)
	61 trans-1,3-Dichloropropene	75	11.510	11.510	(0.918)	6713	0.50000	0.5098
	62 Tetrachloroethene	164	11.521	11.521	(0.919)	14423	0.50000	0.8535
	63 Ethyl methacrylate	69	11.559	11.559	(0.922)	4346	0.50000	1.708(M)
	64 1,1,2-Trichloroethane	97	11.671	11.671	(0.931)	5249	0.50000	0.5975(M)
	65 Chlorodibromomethane	129	11.907	11.907	(0.950)	4065	0.50000	0.5179(M)
	66 1,3-Dichloropropane	76	11.914	11.914	(0.951)	8132	0.50000	0.5408
	67 1,2-Dibromoethane	107	12.165	12.165	(0.971)	3745	0.50000	0.6451(M)
	68 2-Hexanone	43	12.154	12.154	(0.970)	2178	0.50000	1.259(M)
	69 Ethylbenzene	106	12.506	12.506	(0.998)	20912	0.50000	0.5266
*	70 Chlorobenzene-d5	117	12.532	12.532	(1.000)	527726	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	32677	0.50000	0.5773
	72 1,1,1,2-Tetrachloroethane	131	12.584	12.584	(1.004)	8692	0.50000	0.5735
	73 m,p-Xylenes	106	12.622	12.622	(1.007)	49581	1.00000	0.9892
	74 o-Xylene	106	13.041	13.041	(1.041)	20196	0.50000	0.5116
	75 Styrene	104	13.101	13.101	(1.045)	46642	0.50000	0.8905
	76 Bromoform	173	13.269	13.269	(0.901)	1436	0.50000	0.4730(M)
	77 Isopropylbenzene	105	13.295	13.295	(0.903)	56114	0.50000	0.5265
$	78 4-Bromofluorobenzene	95	13.654	13.654	(0.927)	9648	0.50000	0.5202

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
79	n-Propylbenzene	91	13.688	13.688	(0.930)	75011	0.50000	0.5053
80	Bromobenzene	156	13.804	13.804	(0.937)	8568	0.50000	0.5678
81	1,1,2,2-Tetrachloroethane	83	13.767	13.767	(0.935)	4415	0.50000	0.5761
82	1,3,5-Trimethylbenzene	105	13.838	13.838	(0.940)	43610	0.50000	0.4831
83	2-Chlorotoluene	91	13.916	13.916	(0.945)	37161	0.50000	0.5245
84	1,2,3-Trichloropropane	110	13.935	13.935	(0.946)	730	0.50000	0.3685
85	trans-1,4-dichloro-2-butene	53	13.965	13.965	(0.948)	1446	0.50000	1.041(M)
86	4-Chlorotoluene	91	14.059	14.059	(0.955)	33136	0.50000	0.5007
87	Cyclohexanone	55	14.029	14.029	(0.953)	2090	5.00000	(M)
88	t-Butylbenzene	119	14.163	14.163	(0.962)	40318	0.50000	0.4998
89	Pentachloroethane	167	14.268	14.268	(0.969)	2042	0.50000	0.6824(M)
90	1,2,4-Trimethylbenzene	105	14.234	14.234	(0.967)	45210	0.50000	0.5165
91	sec-Butylbenzene	105	14.332	14.332	(0.973)	67578	0.50000	0.5104
92	4-Isopropyltoluene	119	14.440	14.440	(0.981)	49761	0.50000	0.4951
93	1,3-Dichlorobenzene	146	14.661	14.661	(0.996)	18610	0.50000	0.5355
* 94	1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	188734	10.0000	
95	1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	19814	0.50000	0.5782
96	n-Butylbenzene	91	14.867	14.867	(1.010)	48676	0.50000	0.4548
98	1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	14029	0.50000	0.5456(M)
99	1,2-Dibromo-3-chloropropane	157	15.967	15.967	(1.084)	565	0.50000	0.8682(M)
100	Hexachlorobutadiene	225	16.555	16.555	(1.124)	5860	0.50000	0.5796
101	1,2,4-Trichlorobenzene	180	16.693	16.693	(1.134)	4662	0.50000	0.4019(M)
102	Naphthalene	128	17.120	17.120	(1.163)	5135	0.50000	0.6098(M)
103	1,2,3-Trichlorobenzene	180	17.303	17.303	(1.175)	2360	0.50000	0.3635(M)
143	Nonanal	57	15.773	15.773	(1.631)	1566	0.50000	1.786(M)
$ 158	1,2-Dichlorobenzene-d4	150	15.155	15.155	(1.029)	10184	0.50000	0.4194(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

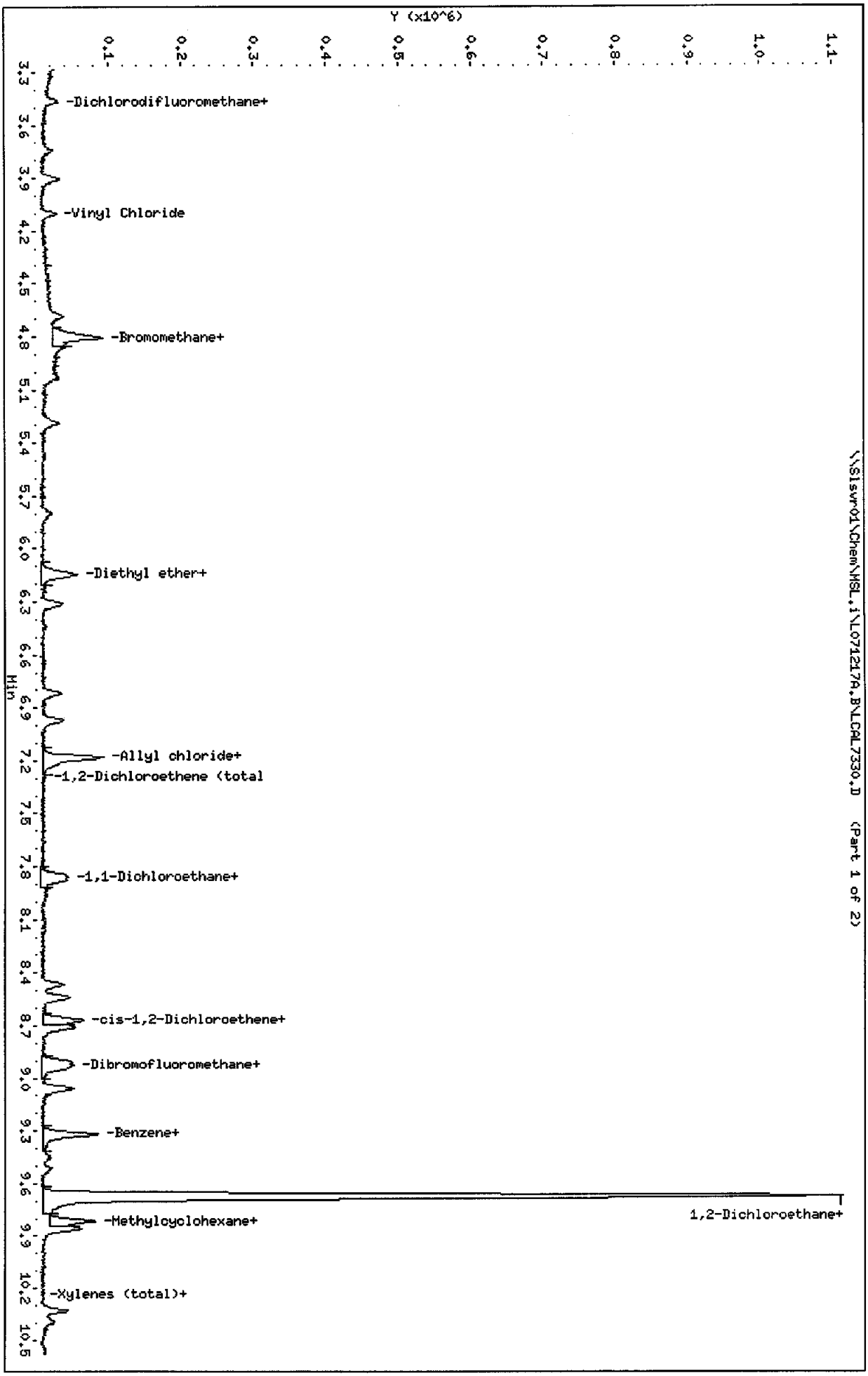
Instrument ID: MSL.i
Lab File ID: LCAL7330.D
Lab Smp Id: VSTD0.5
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD0.5
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	962595	-2.17
70 Chlorobenzene-d5	563731	281866	1127462	527726	-6.39
94 1,4 Dichlorobenze	211084	105542	422168	188734	-10.59

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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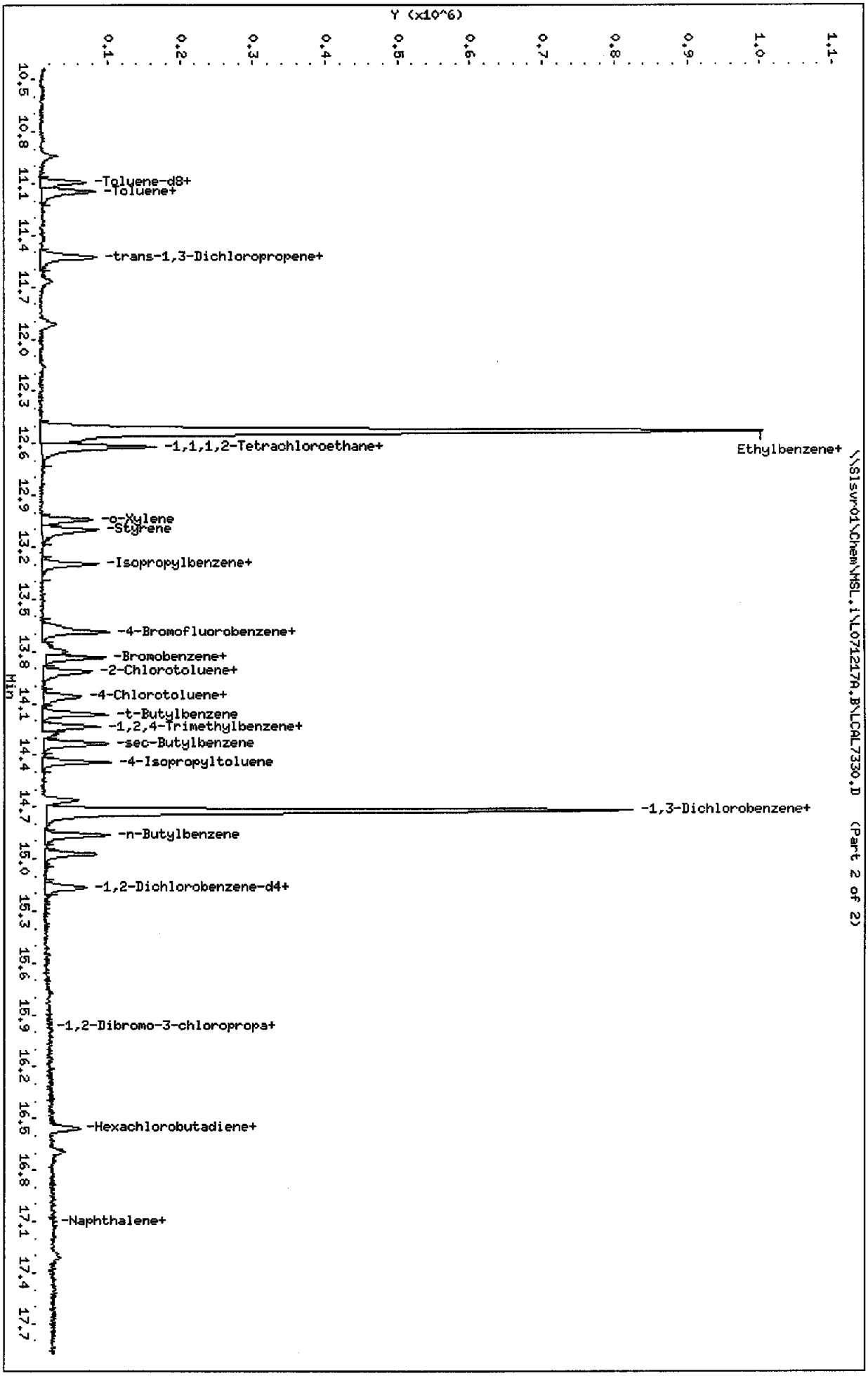
Client ID: VSTD0.5
Sample Info: VSTD0.5;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
3.3
3.6
3.9
4.2
4.5
4.8
5.1
5.4
5.7
6.0
6.3
6.6
6.9
7.2
7.5
7.8
8.1
8.4
8.7
9.0
9.3
9.6
9.9
10.2
10.5
Min
-Dichlorodifluoromethane+
-Vinyl Chloride
-Bromomethane+
-Diethyl ether+
-Allyl chloride+
-1,2-Dichloroethene (total
-1,1-Dichloroethane+
-cis-1,2-Dichloroethene+
-Dibromofluoromethane+
-Benzene+
-Methylcyclohexane+
1,2-Dichloroethane+
-Xylenes (total)+
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D (Part 1 of 2)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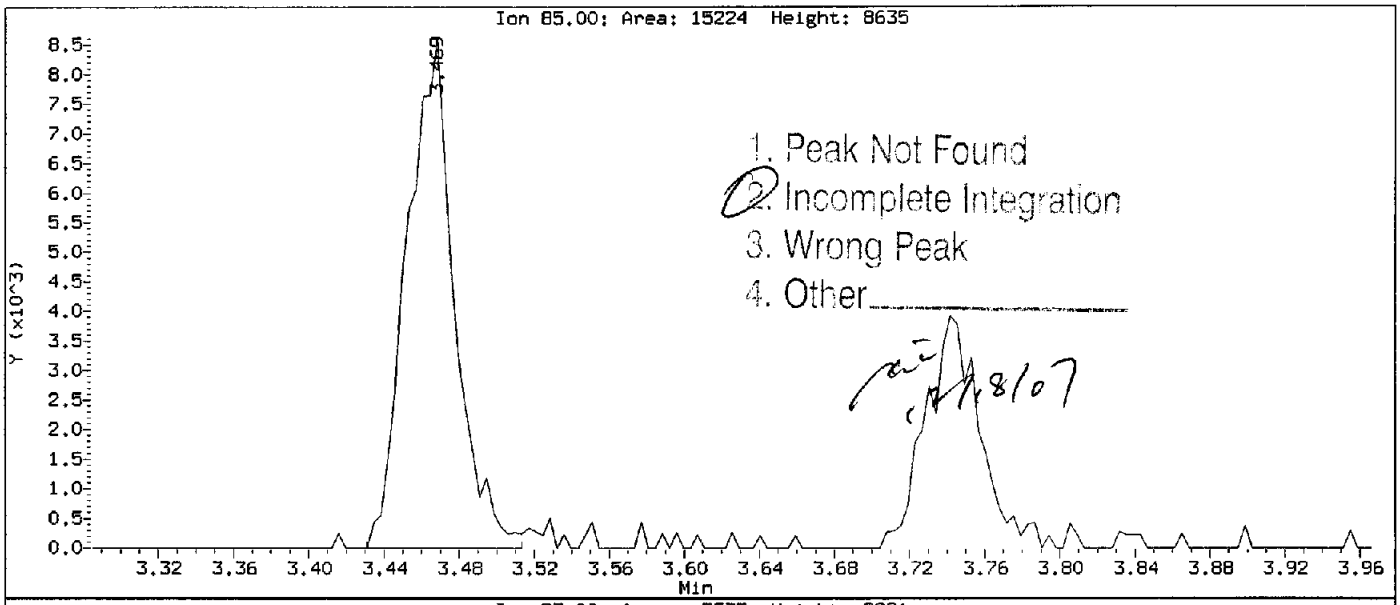
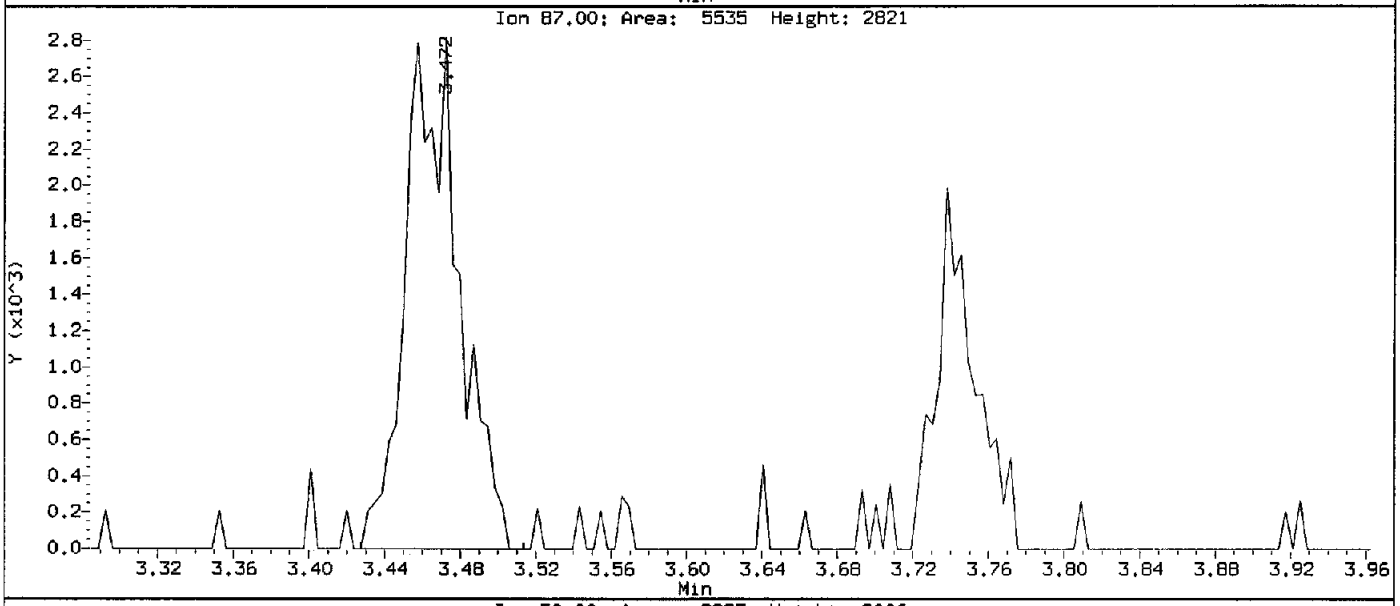
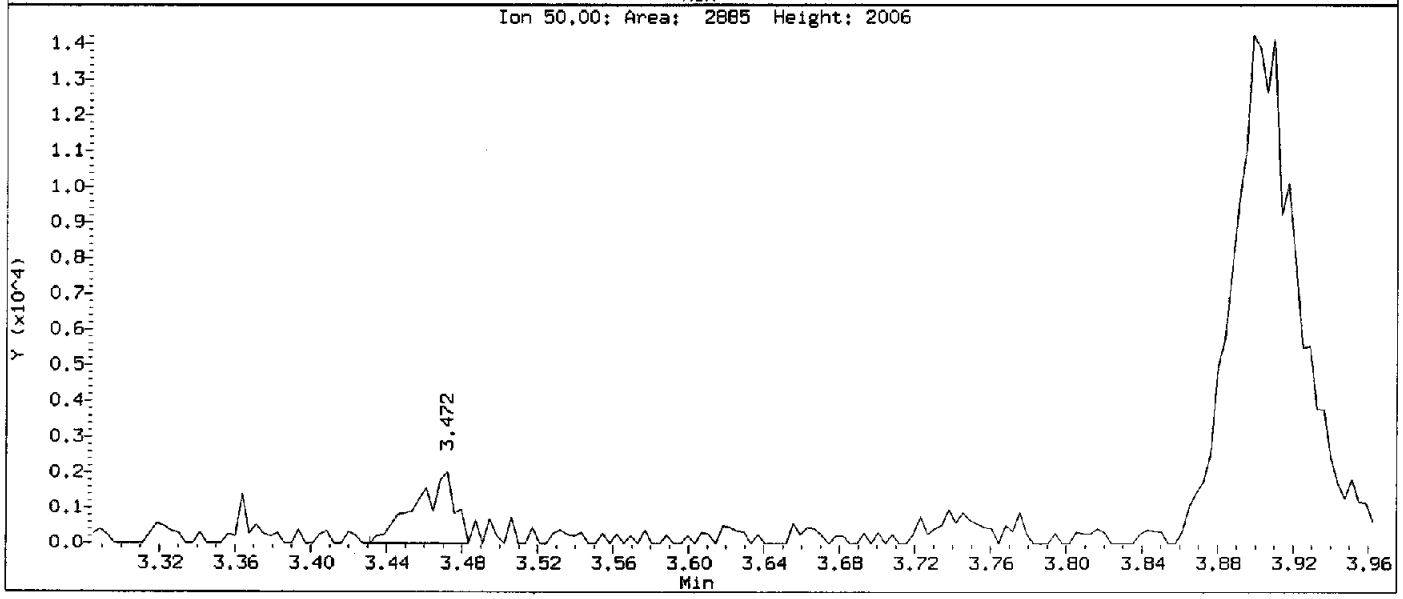
Sample Info: VSTD0.5;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D (Part 2 of 2)
Y (x10^6)
Min
-Toluene-d8+
-Toluene+
-trans-1,3-Dichloropropene+
-1,1,1,2-Tetrachloroethane+
Ethylbenzene+
-o-Xylene
-Styrene
-Isopropylbenzene+
-4-Bromofluorobenzene+
-Bromobenzene+
-2-Chlorotoluene+
-4-Chlorotoluene+
-t-Butylbenzene
-1,2,4-Trimethylbenzene+
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene+
-n-Butylbenzene
-1,2-Dichlorobenzene-d4+
-1,2-Dibromo-3-chloropropa+
-Hexachlorobutadiene+
-Naphthalene+

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Dichlorodifluoromethane
CAS Number: 75-71-8







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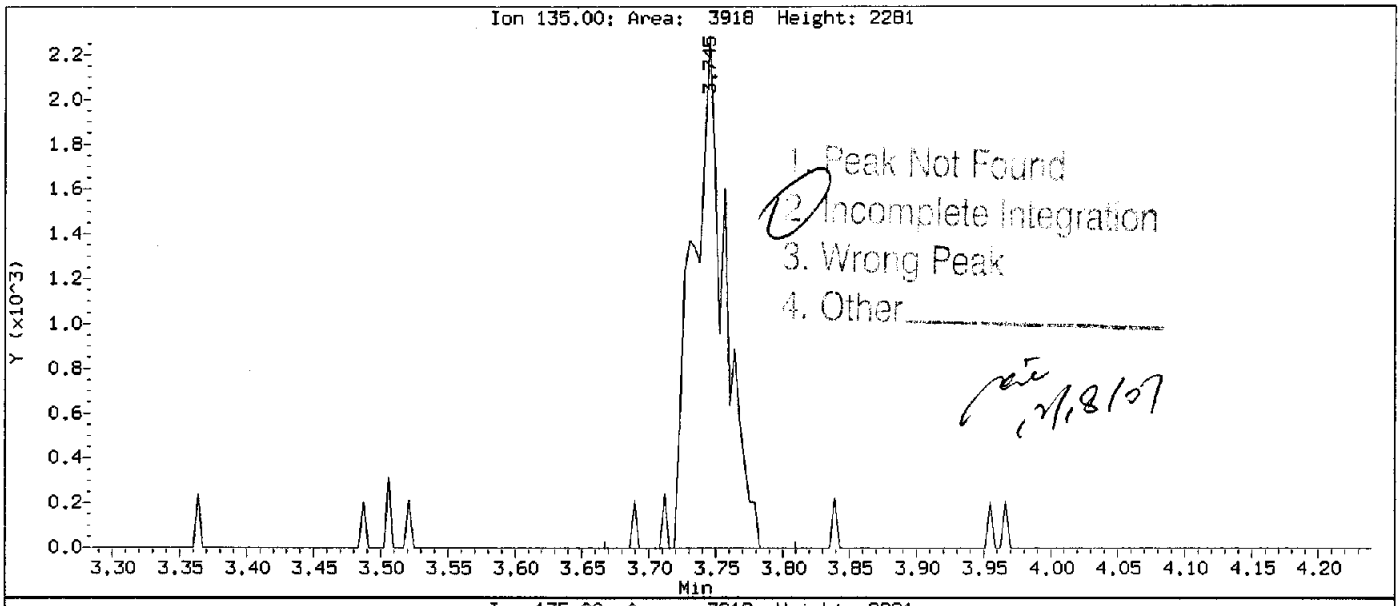
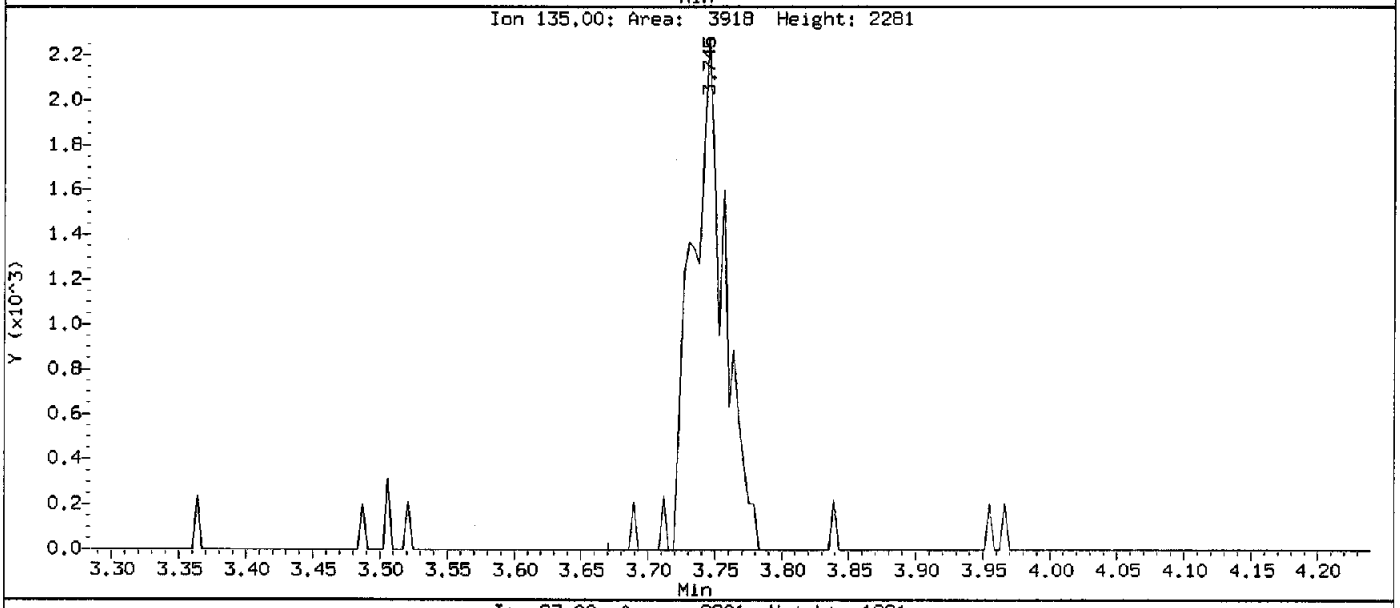
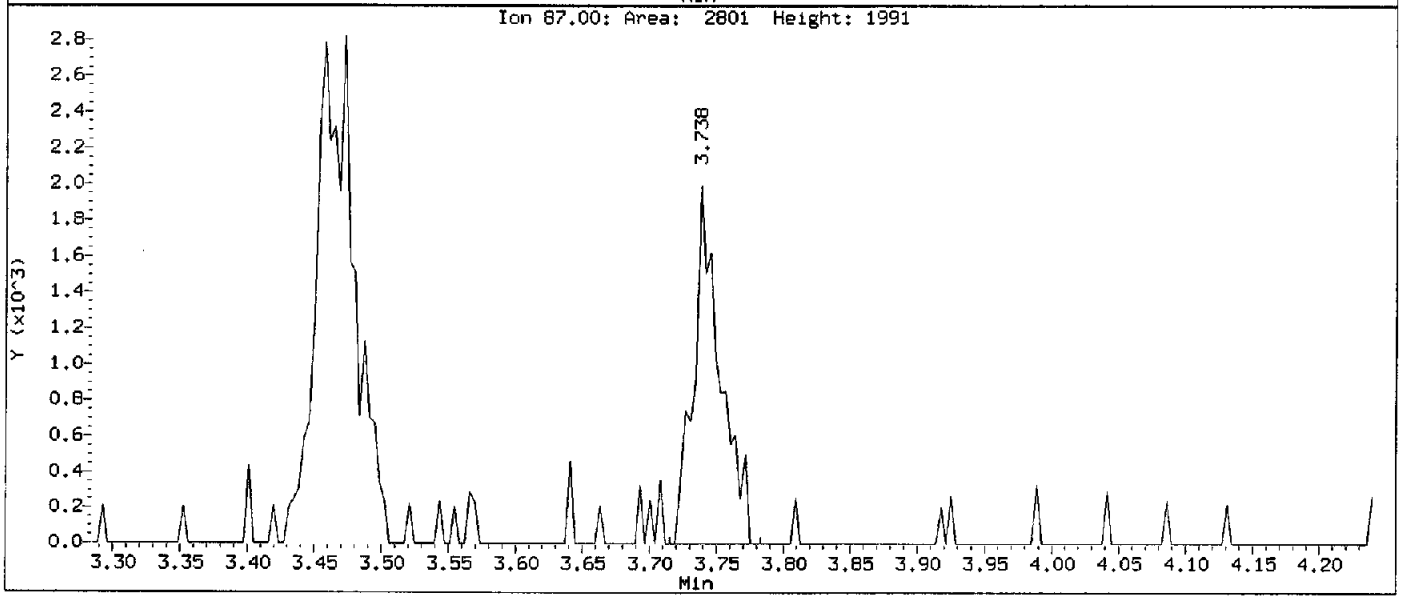
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Freon-114
CAS Number: 374-07-2







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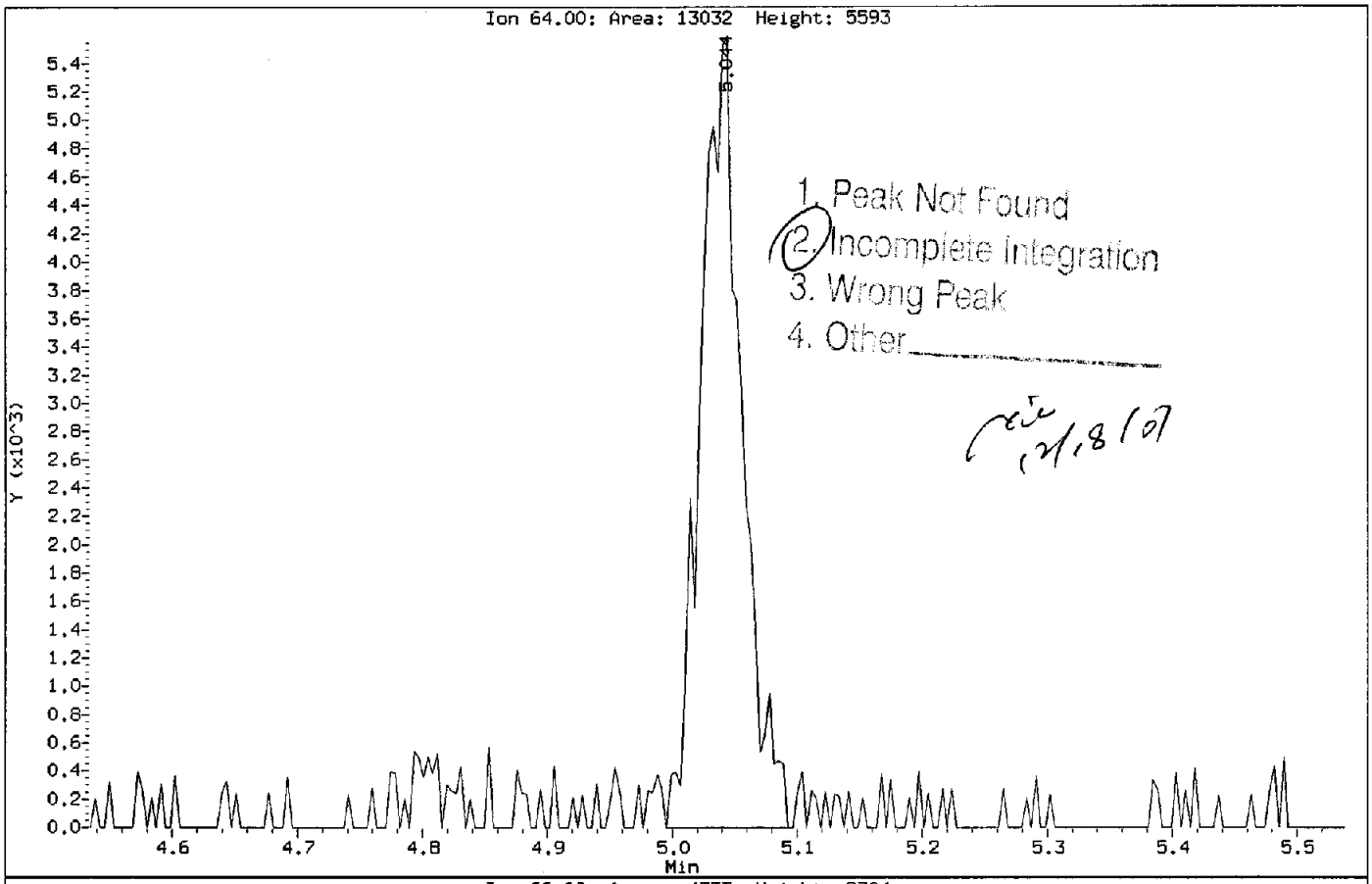
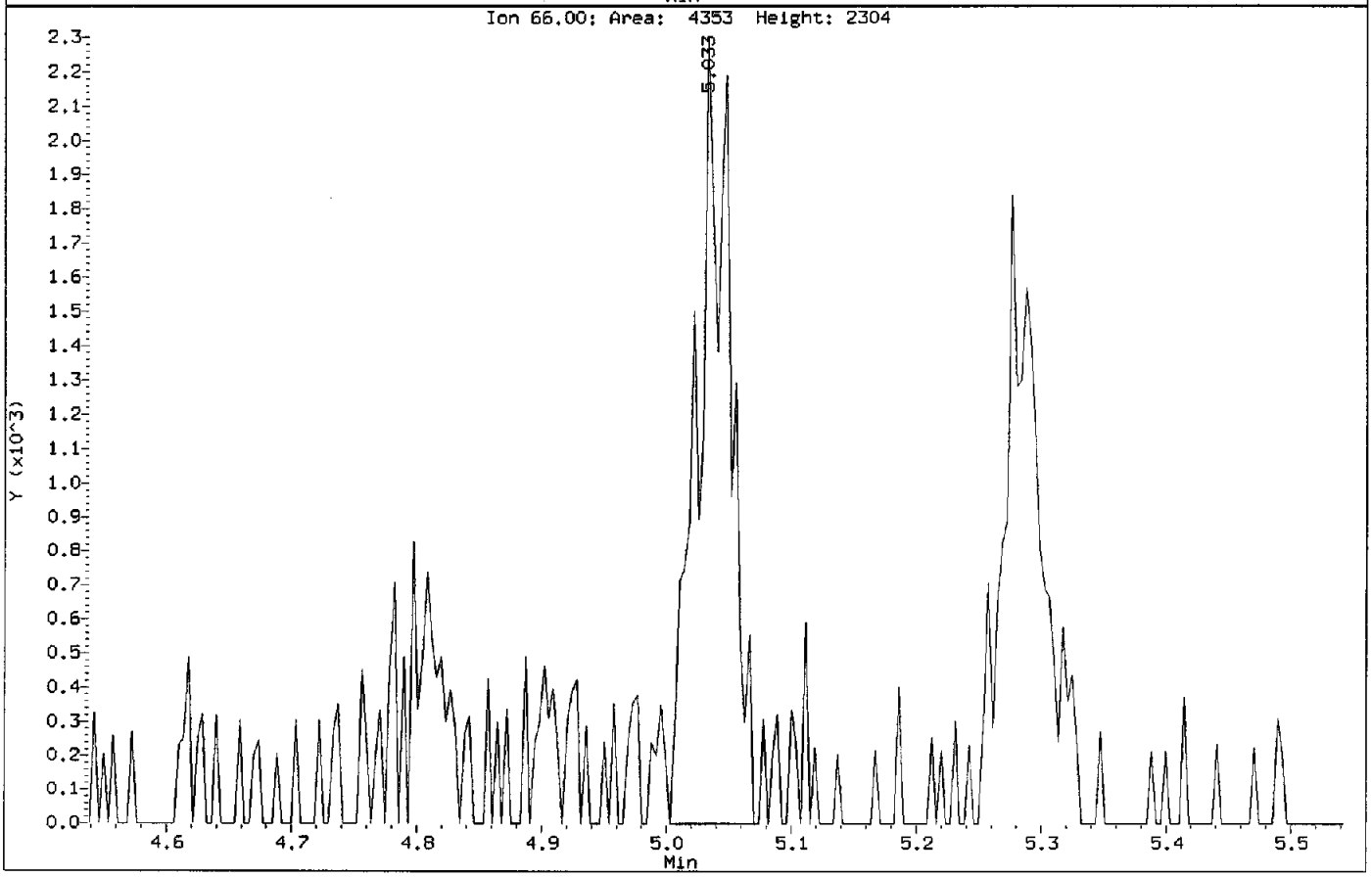
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Chloroethane
CAS Number: 75-00-3





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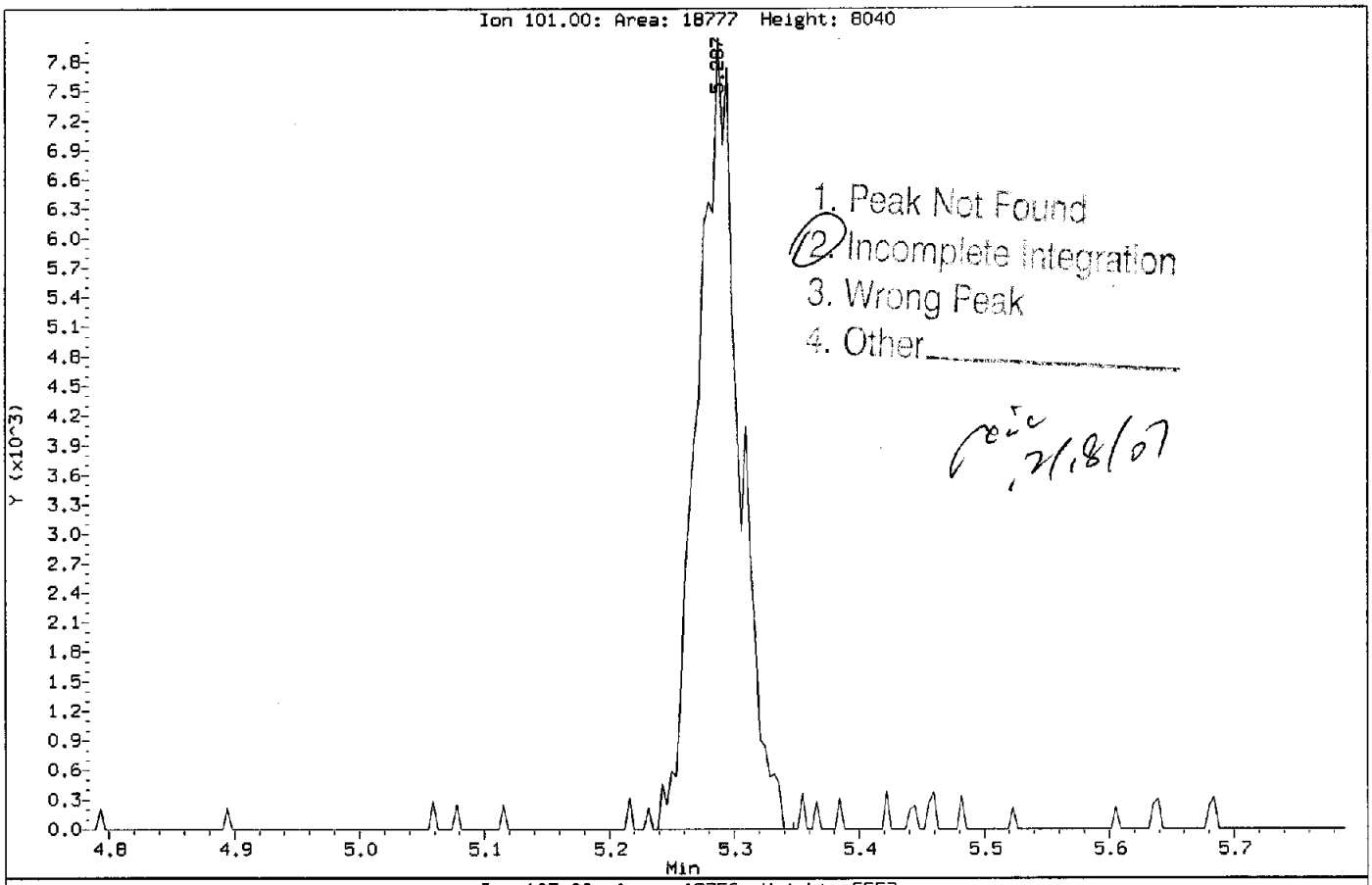
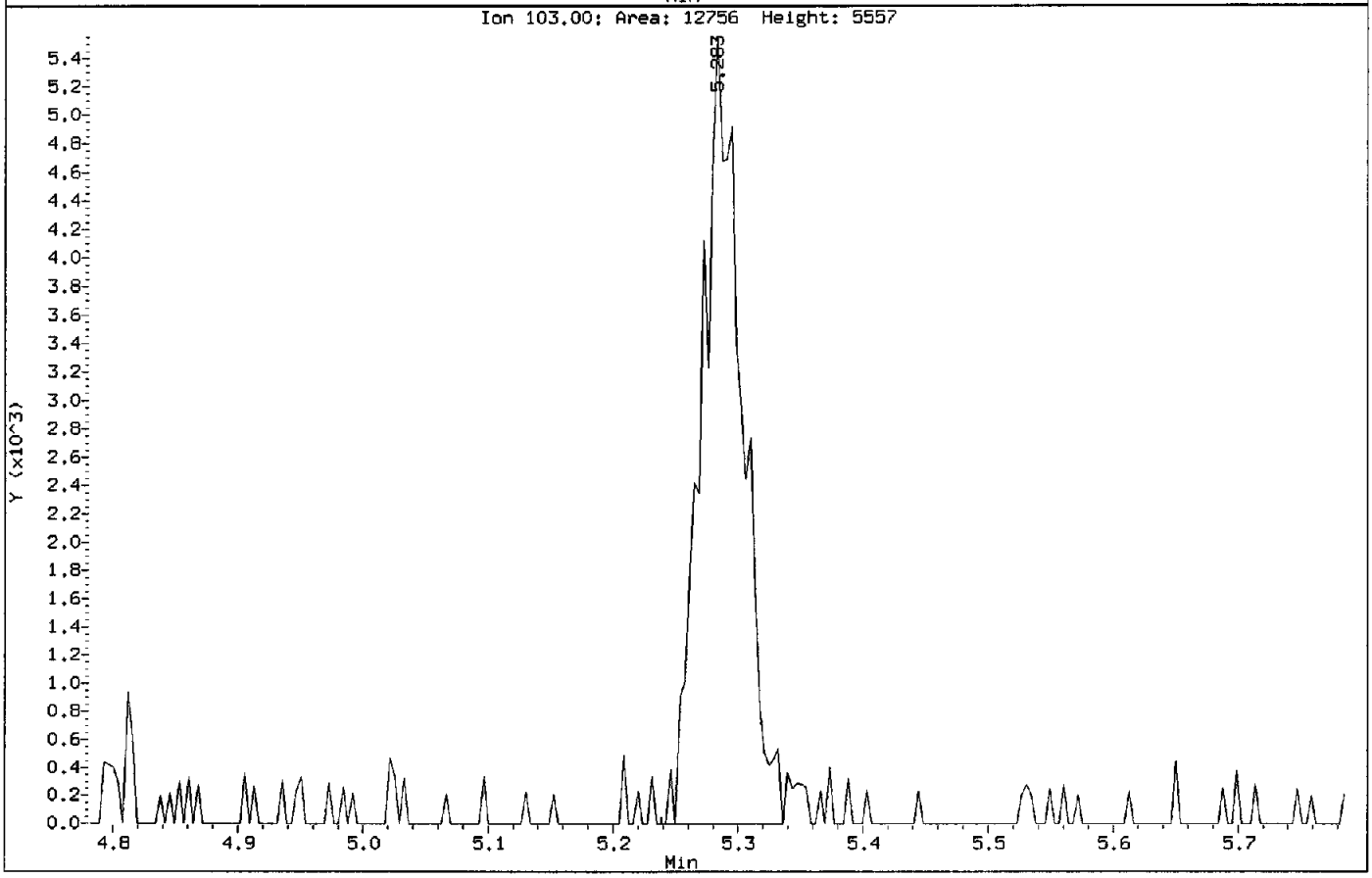
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Trichlorofluoromethane
CAS Number: 75-69-4





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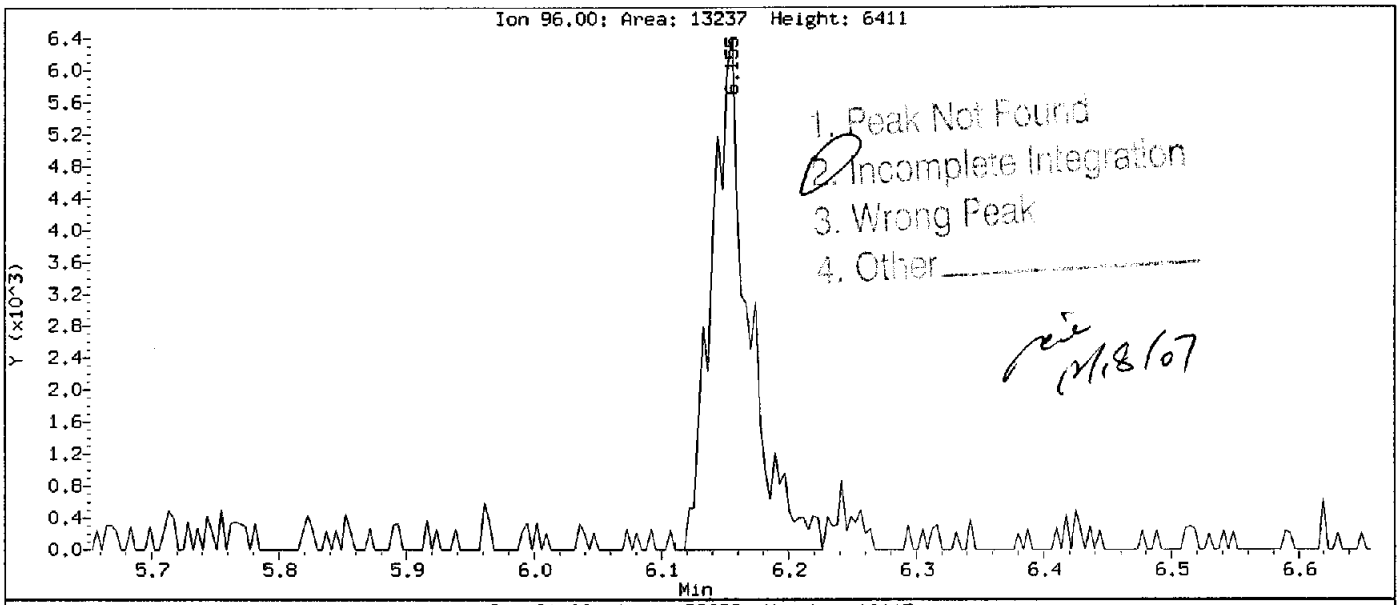
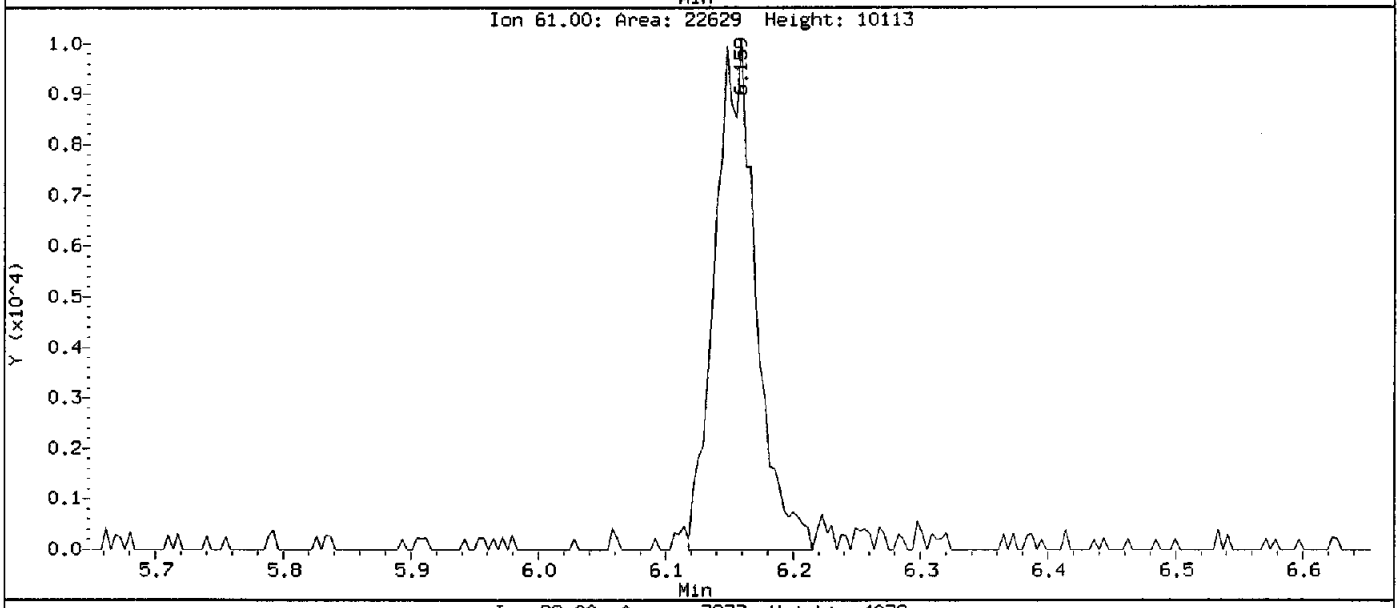
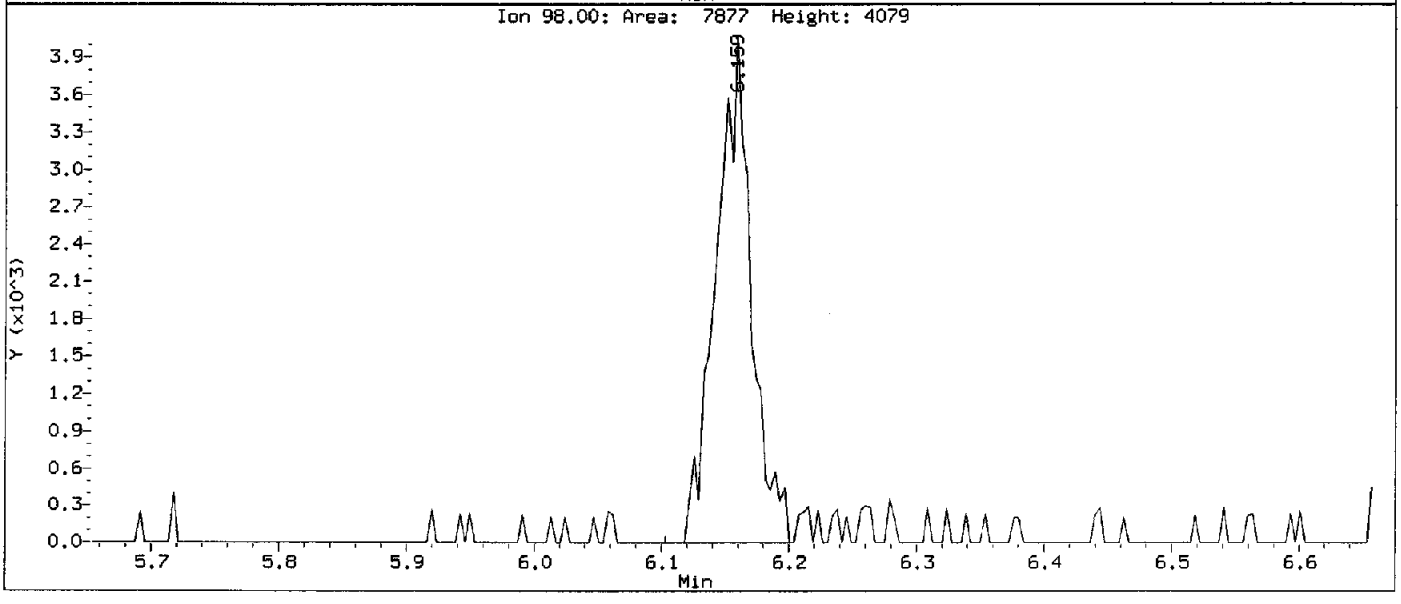
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,1-Dichloroethene
CAS Number: 75-35-4

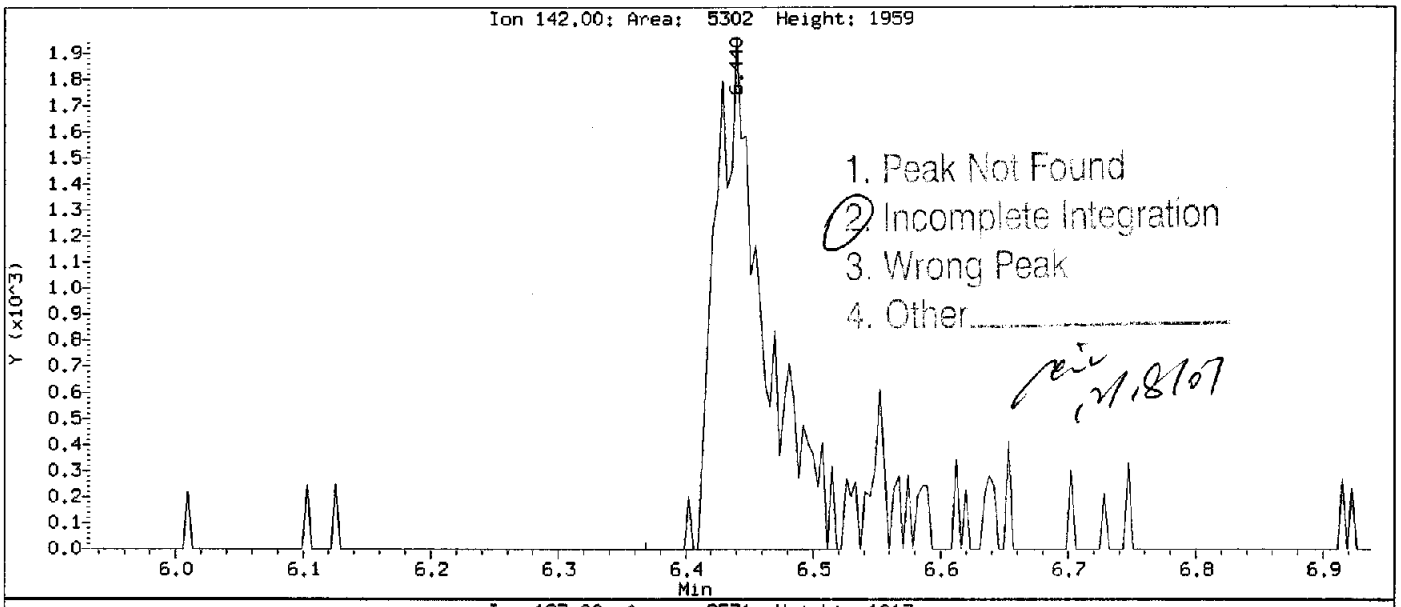


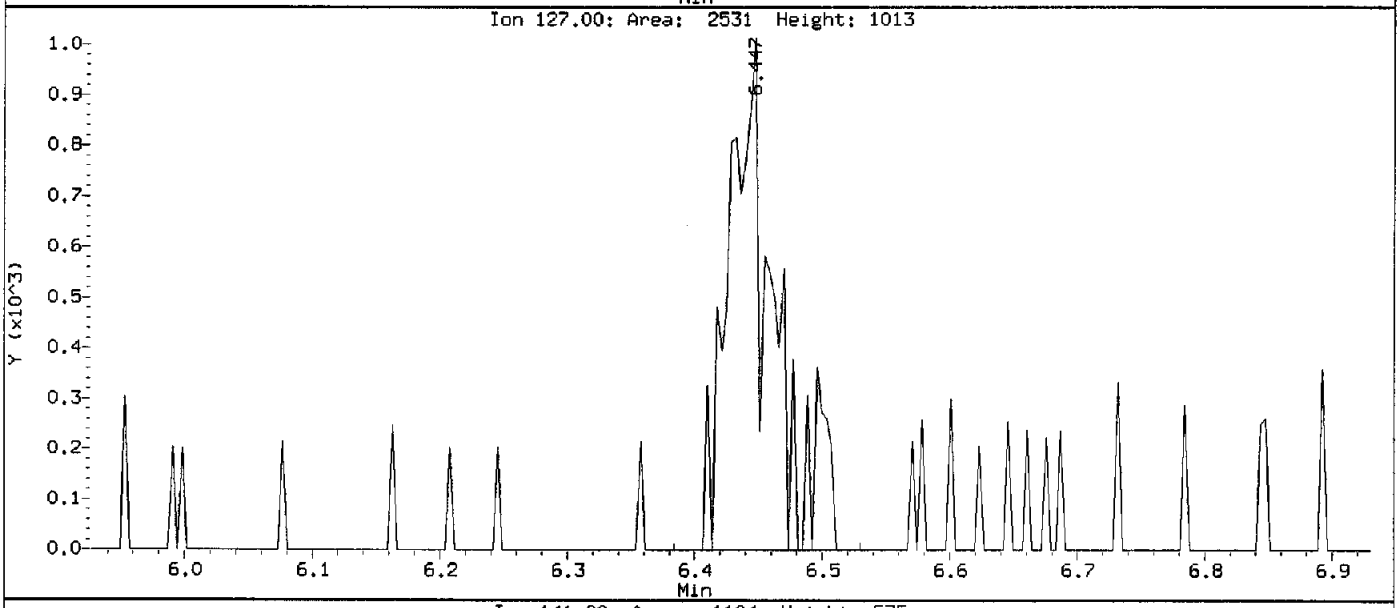


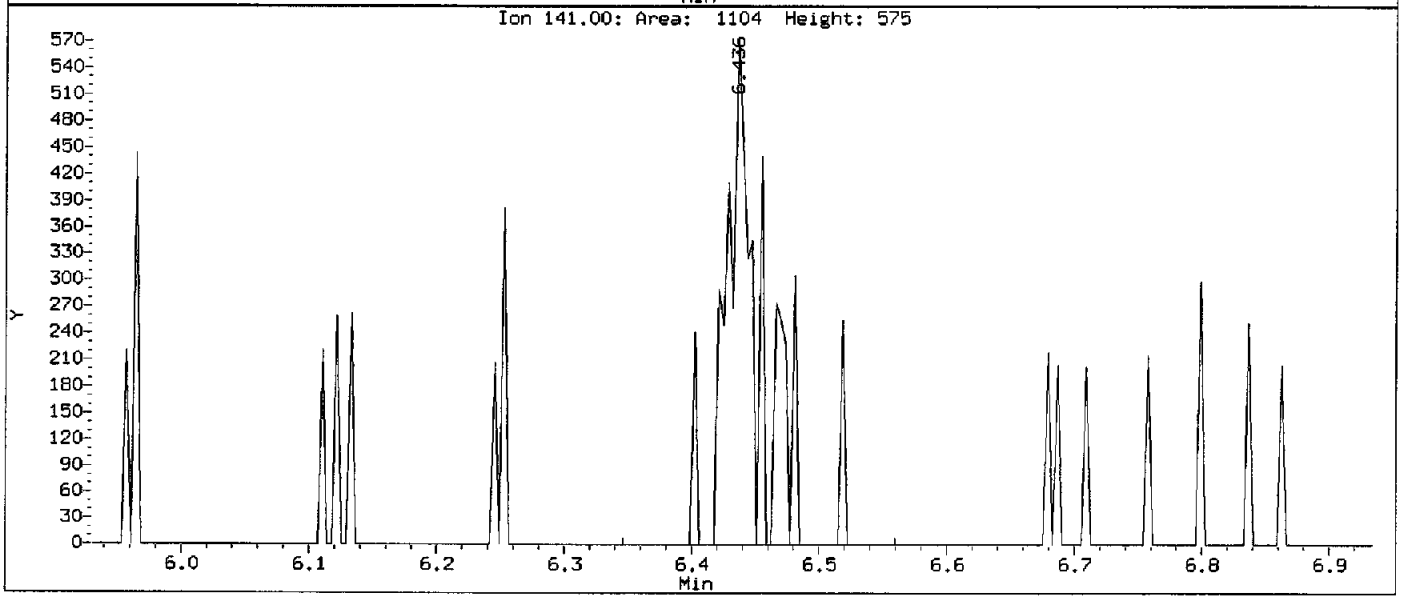


Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Iodomethane
CAS Number: 74-88-4







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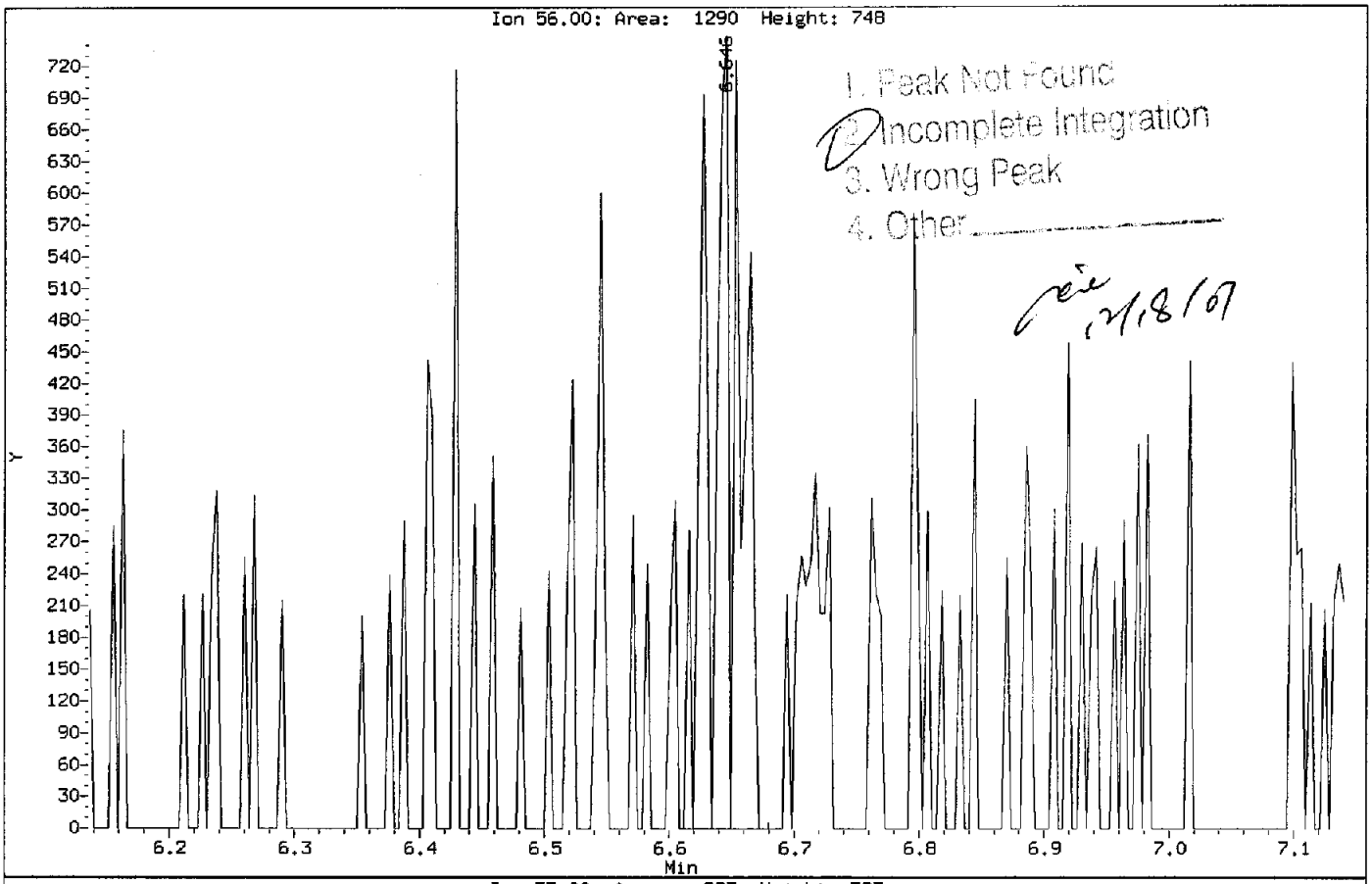
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Acrolein
CAS Number: 107-02-8



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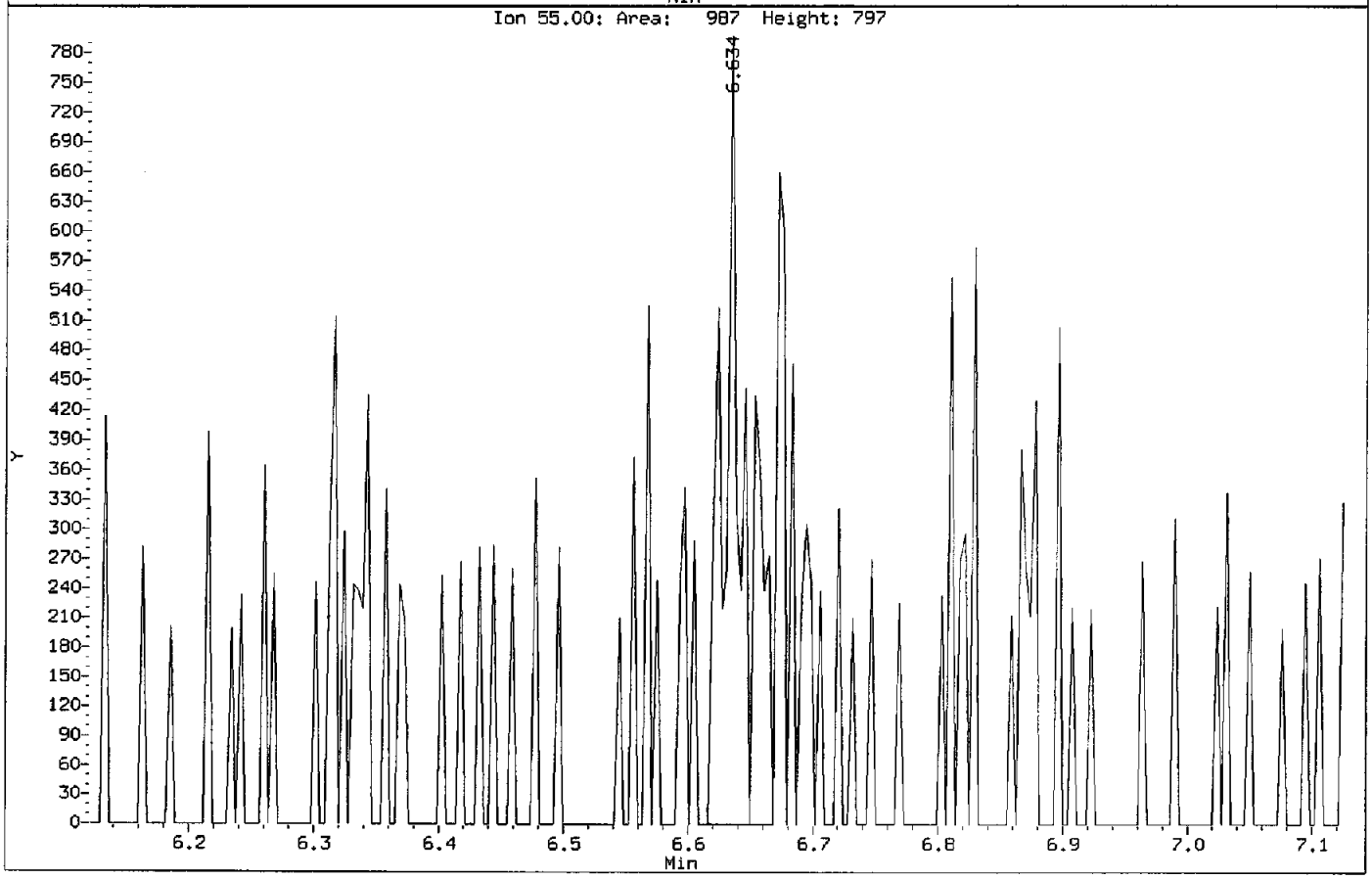
2. Incomplete Integration
3. Wrong Peak
4. Other

12/18/07



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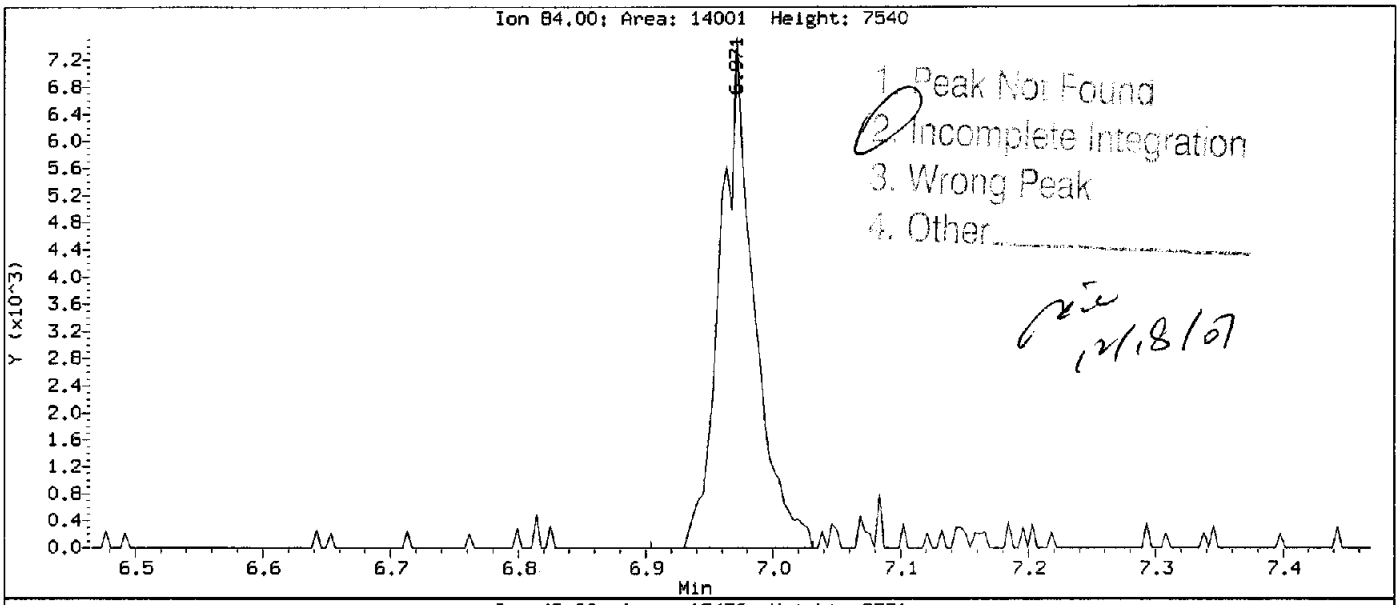
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Methylene Chloride
CAS Number: 75-09-2



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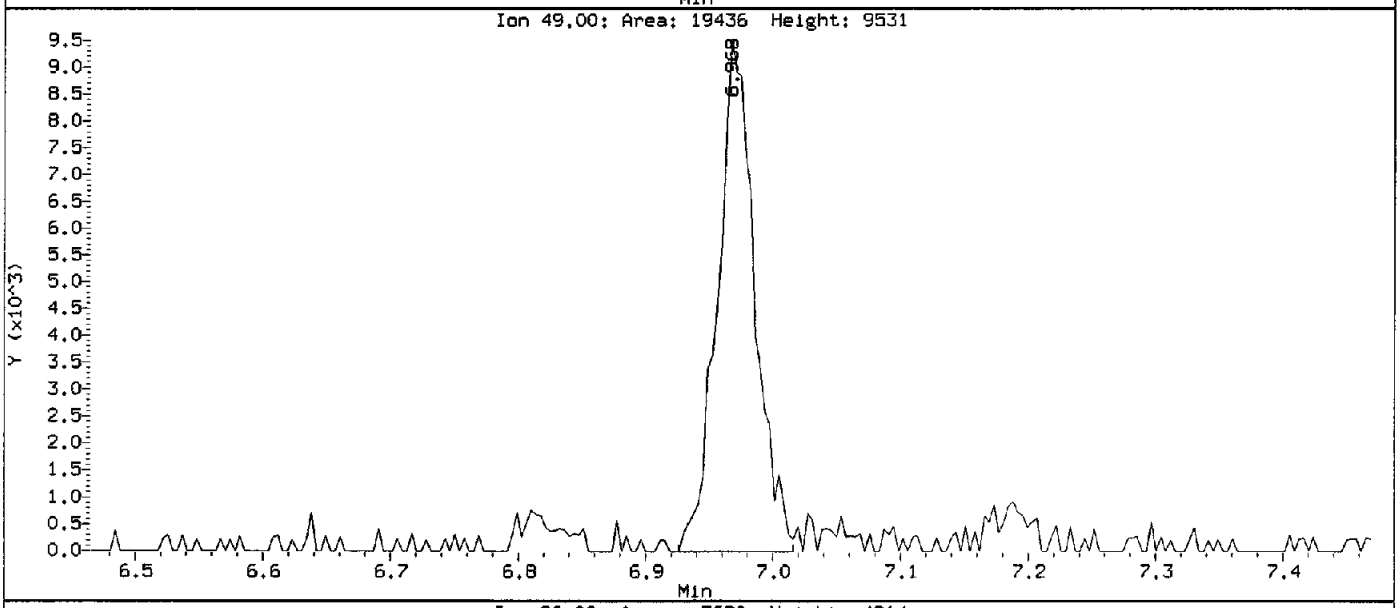
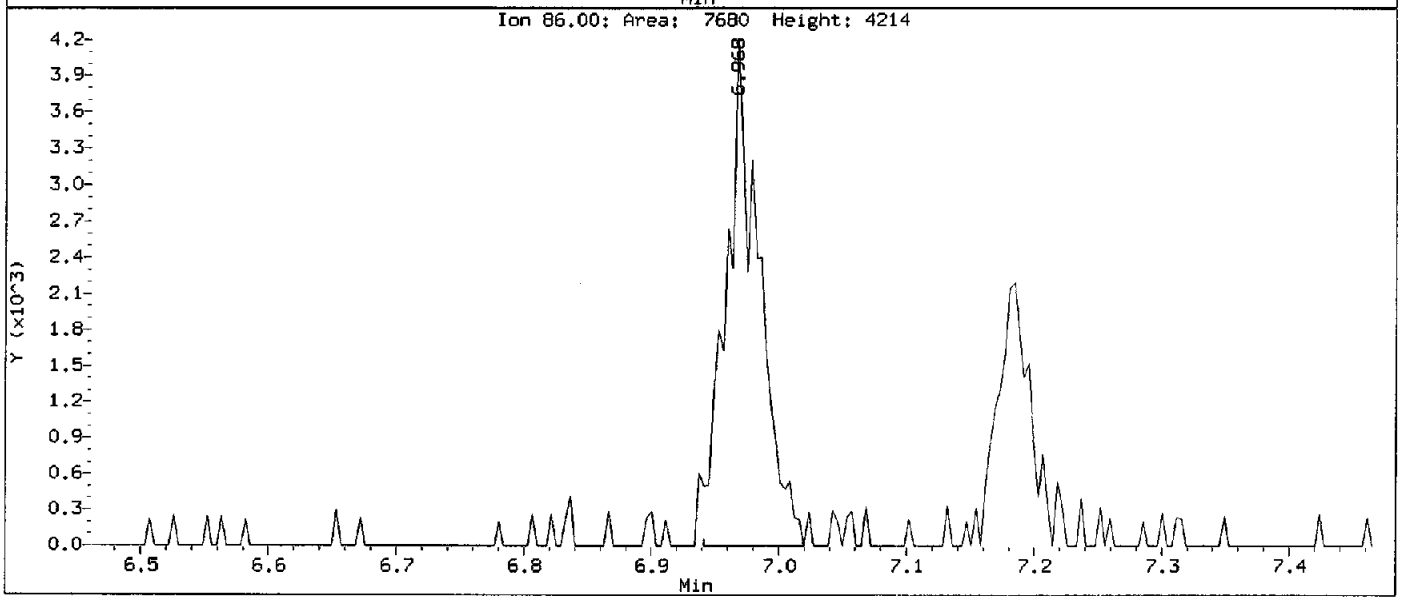
12/18/07





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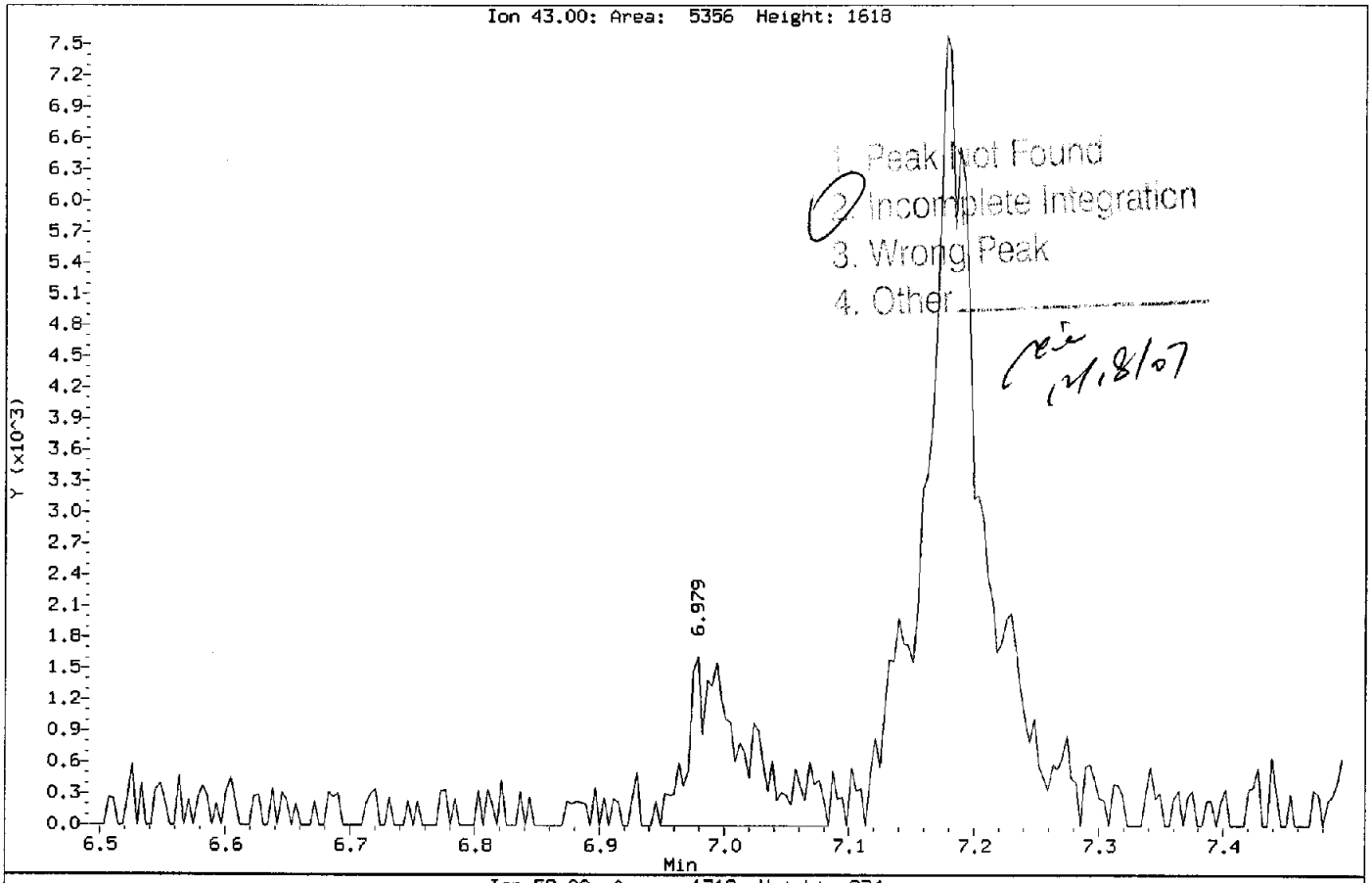
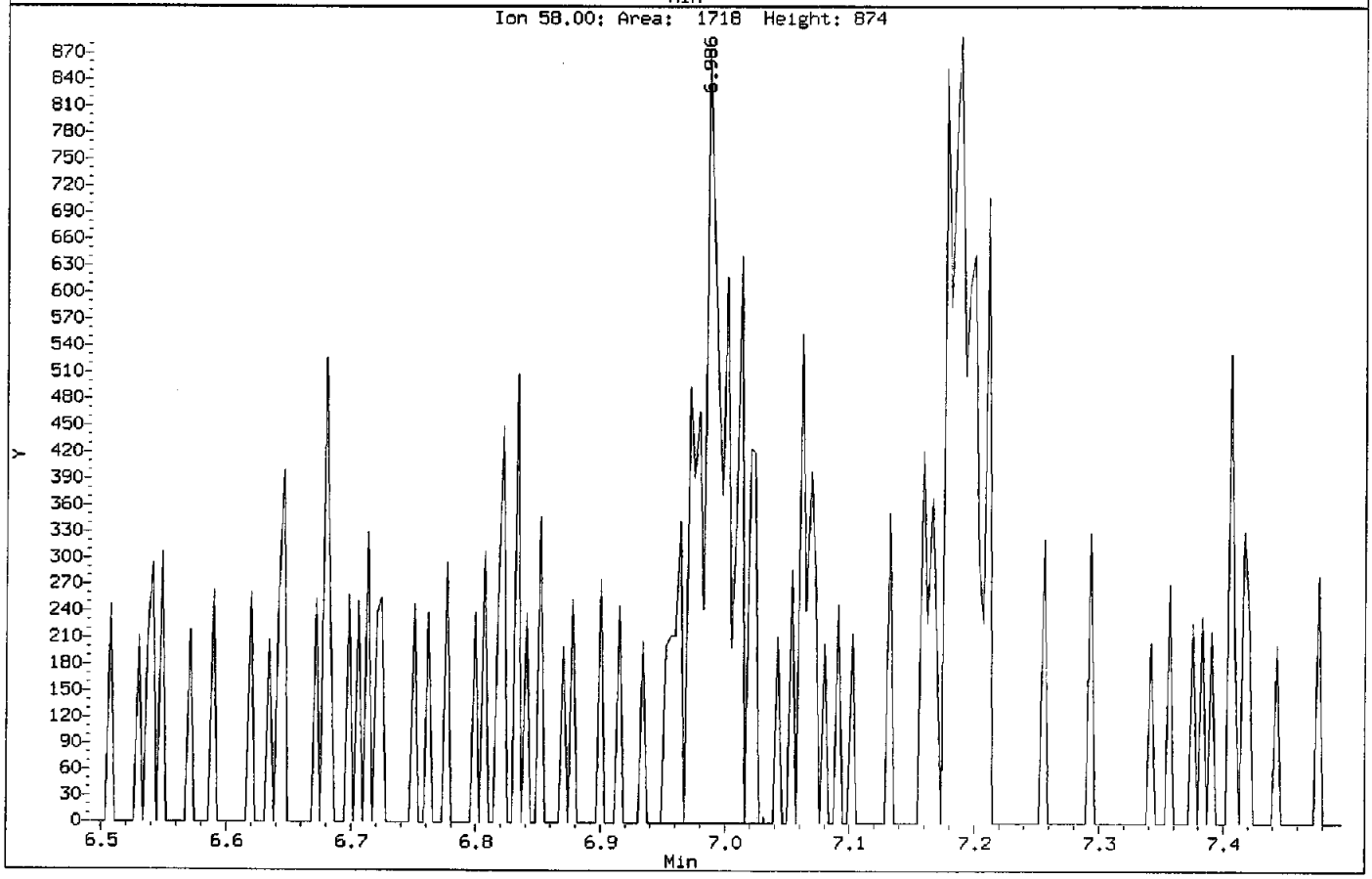
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Acetone
CAS Number: 67-64-1





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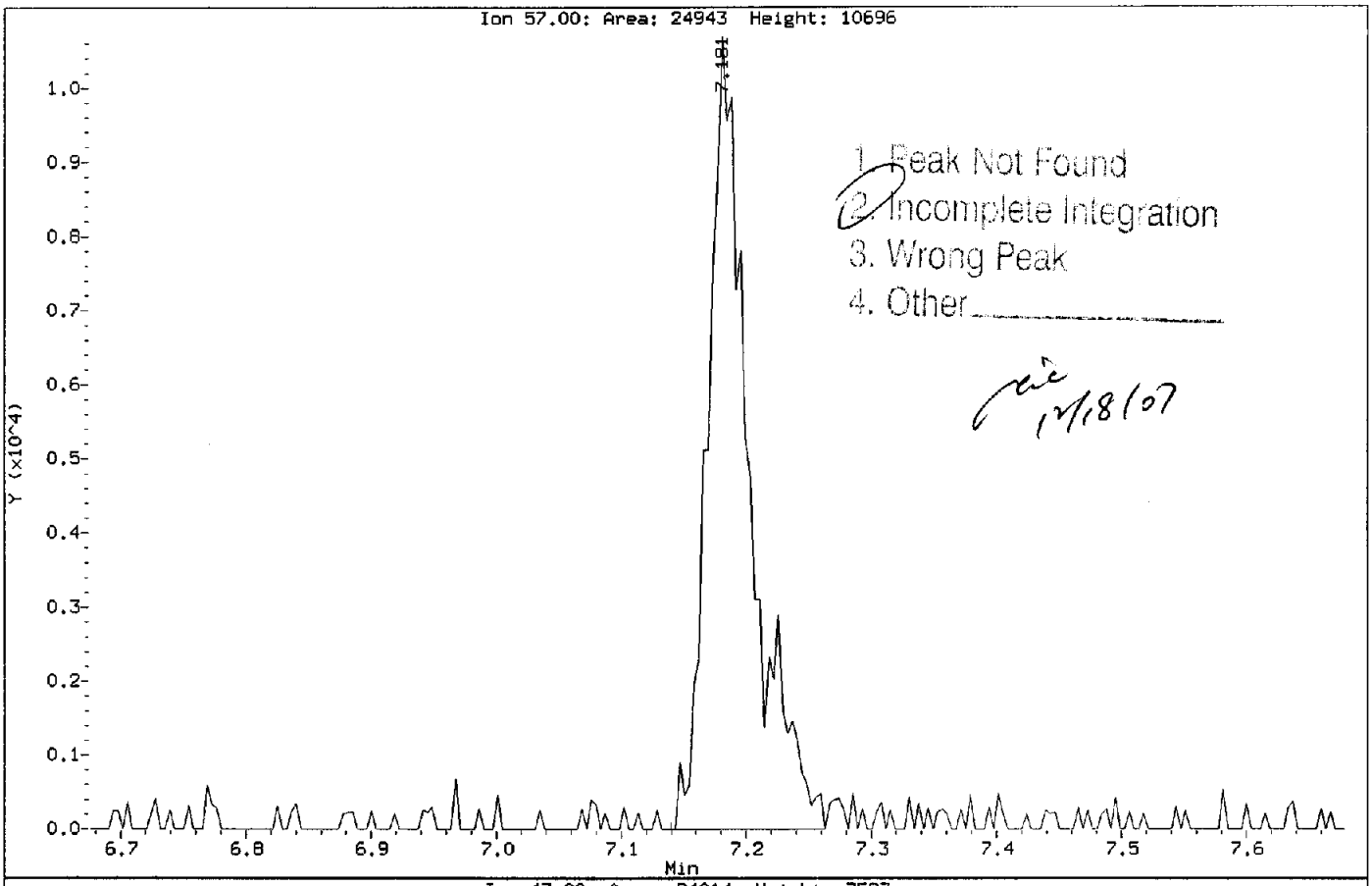
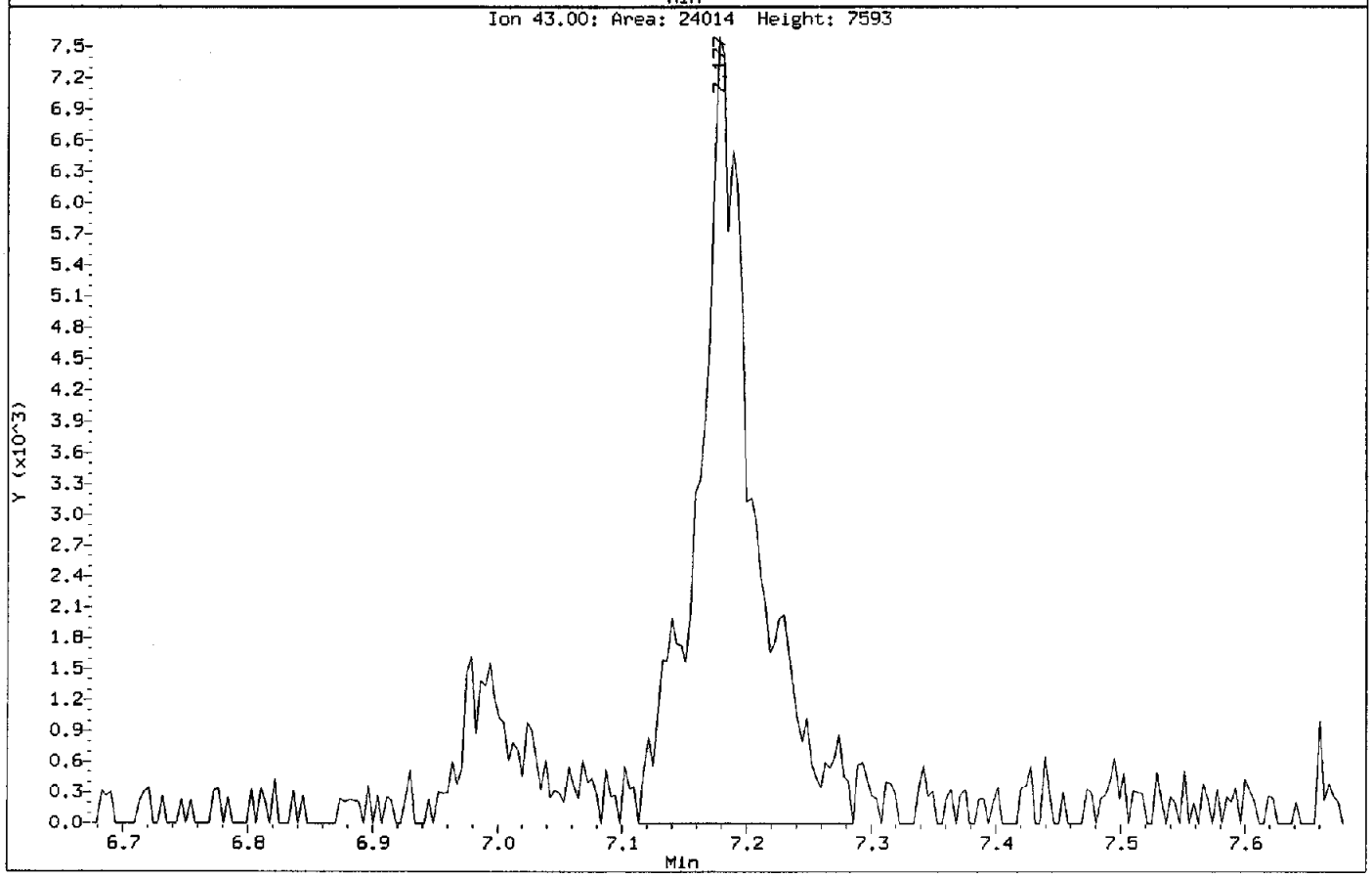
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: n-Hexane
CAS Number:



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12/18/07



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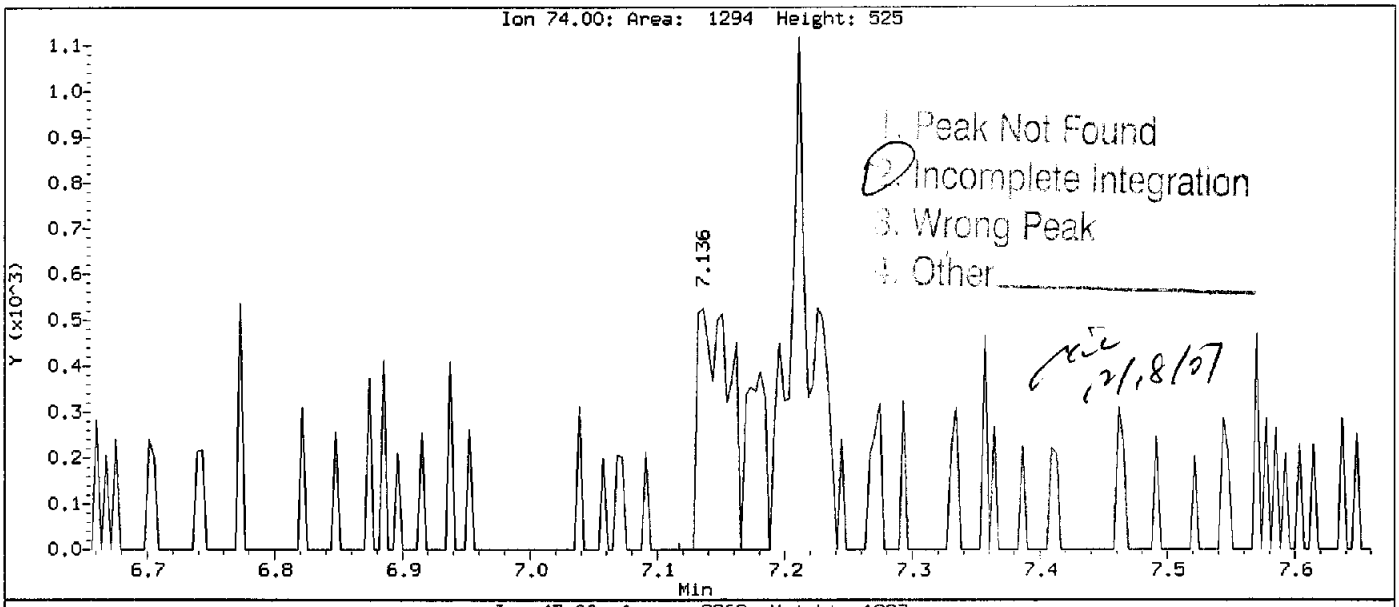
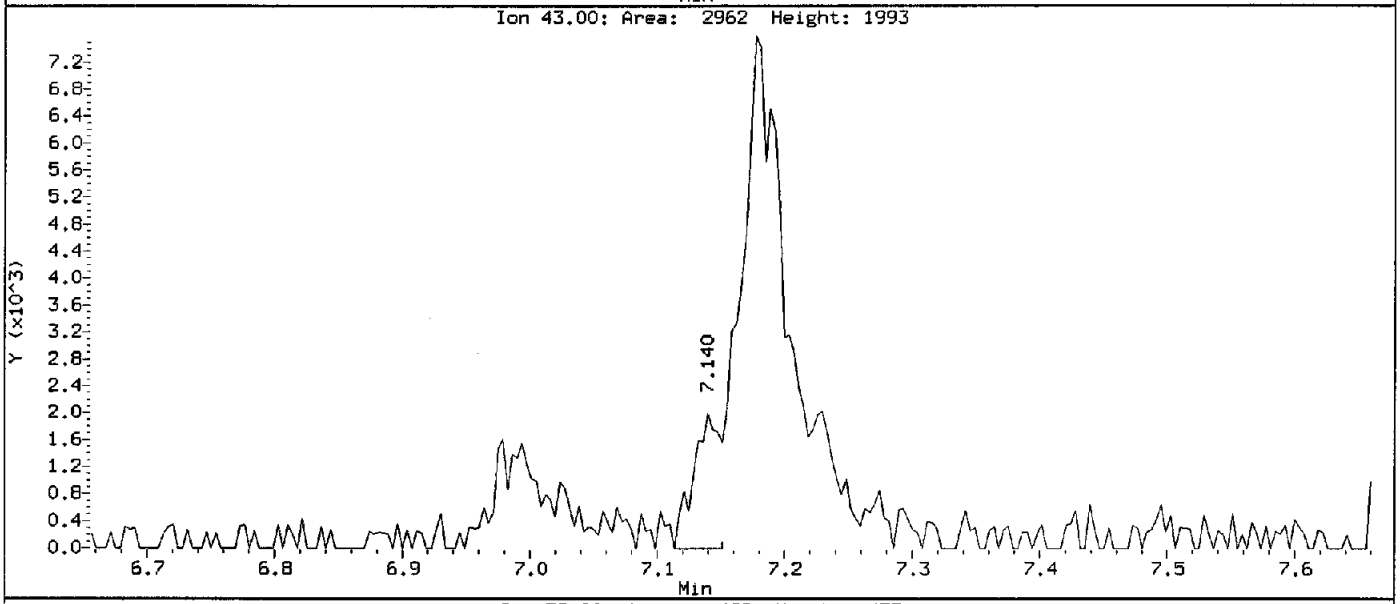
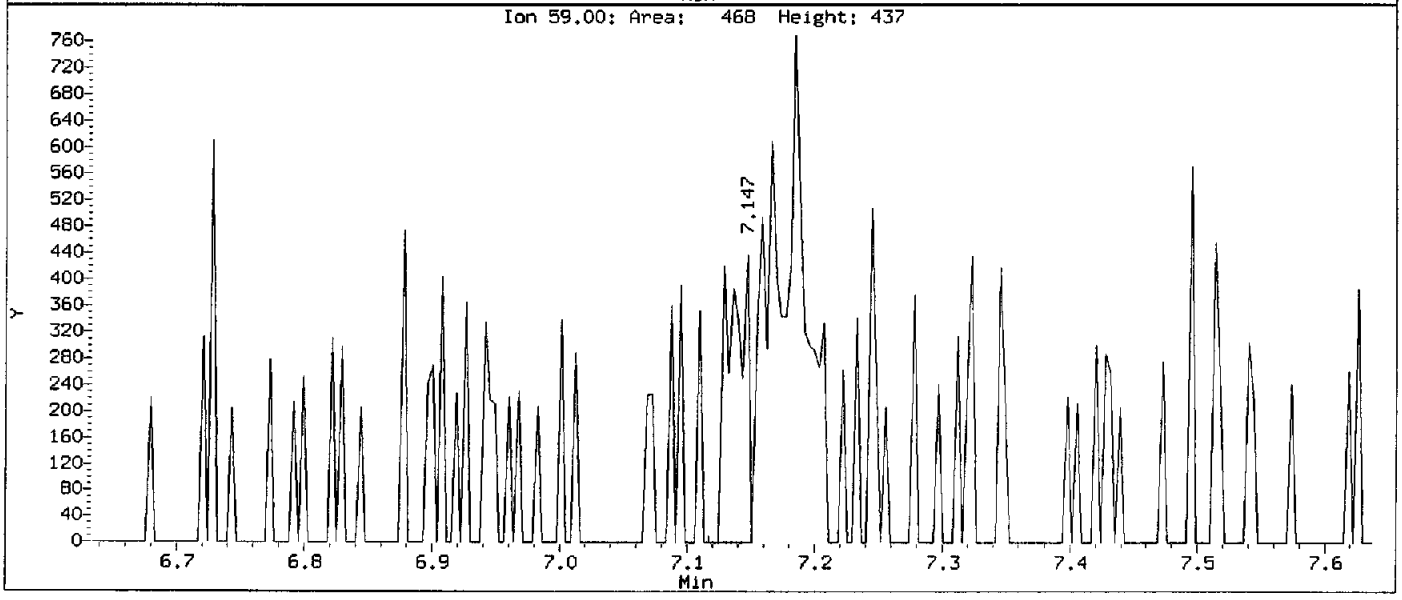
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Methyl Acetate
CAS Number:







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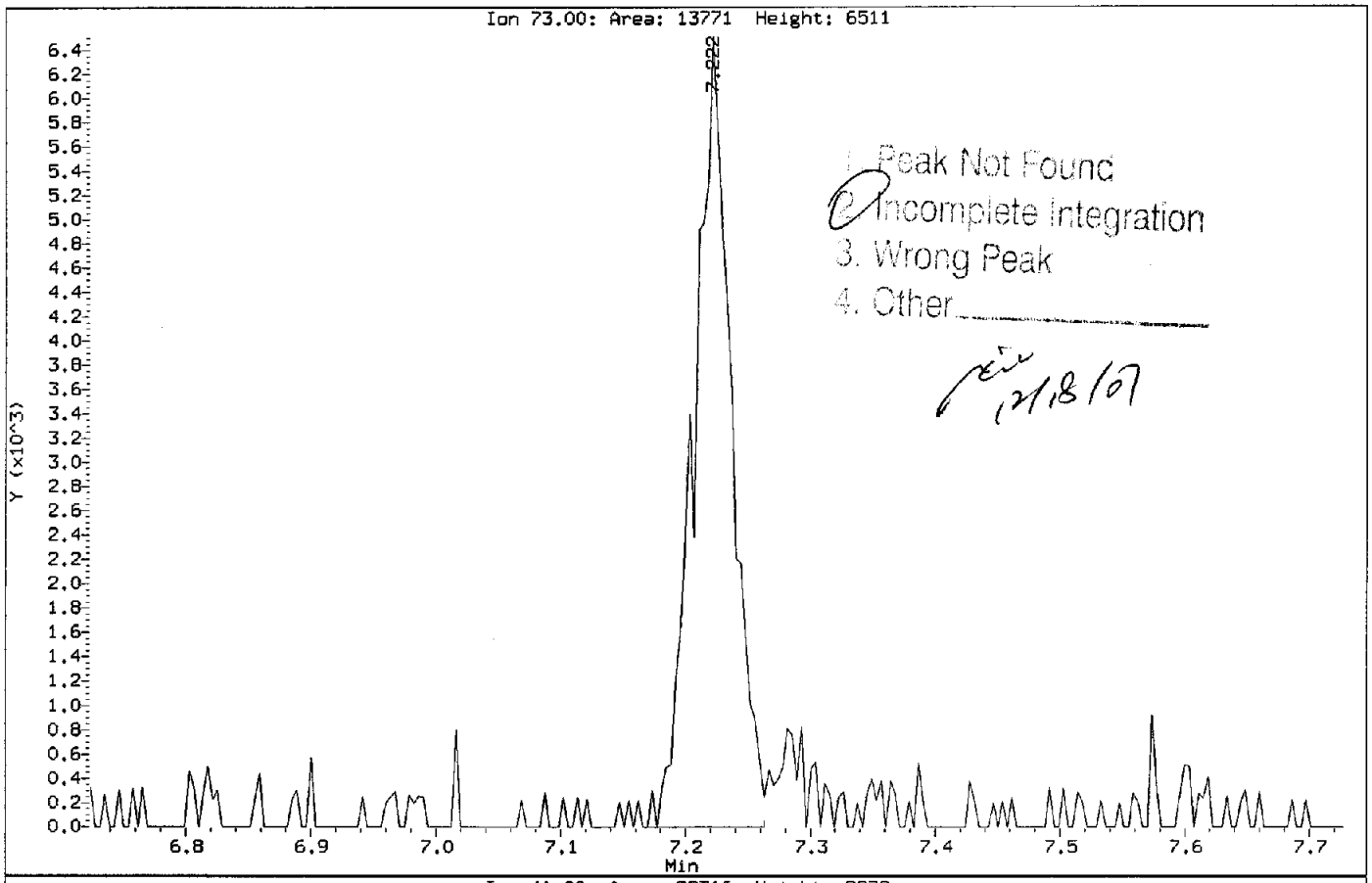
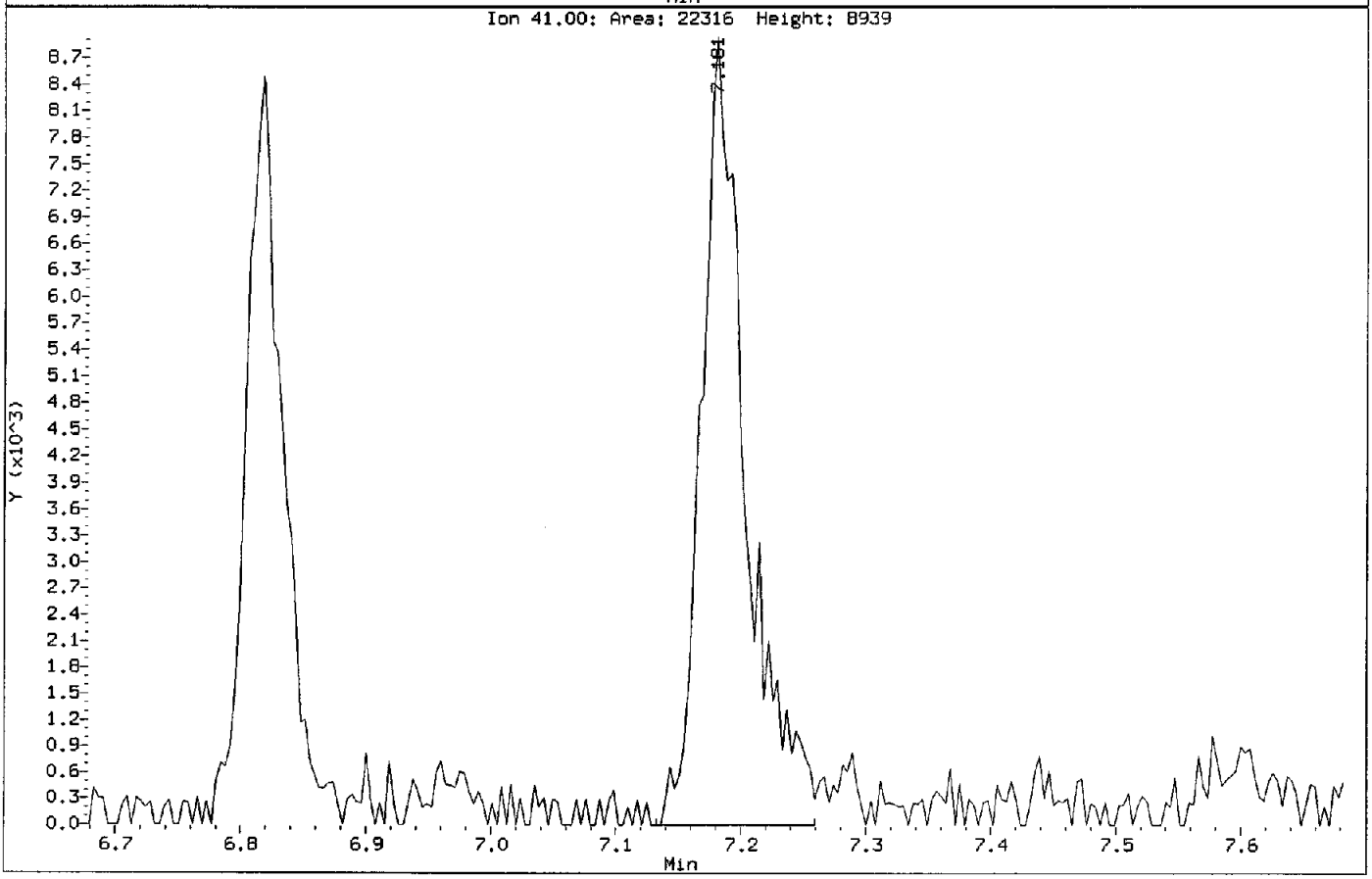
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: MTBE
CAS Number: 1634-04-4





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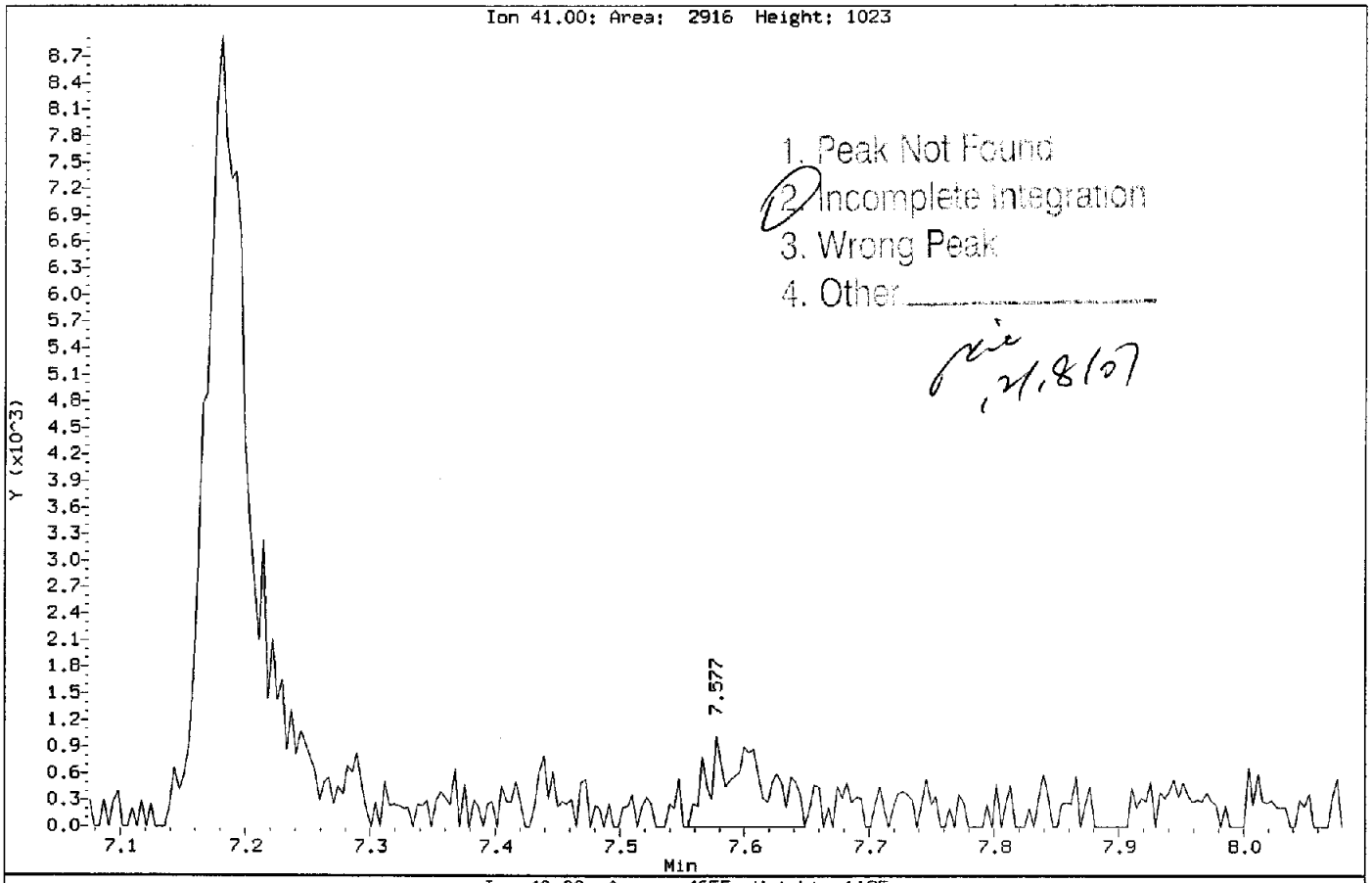
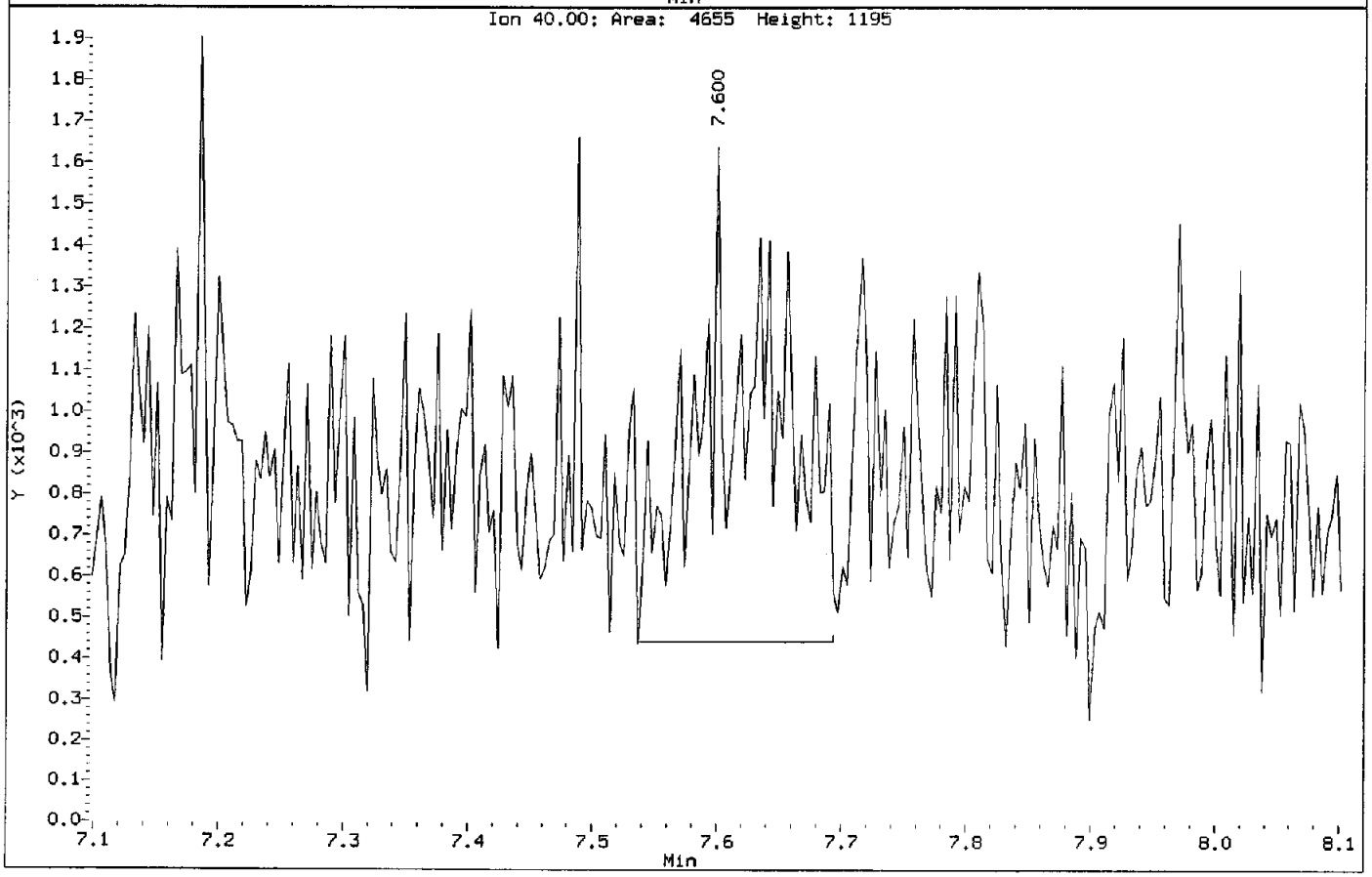
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Acetonitrile
CAS Number: 75-05-8





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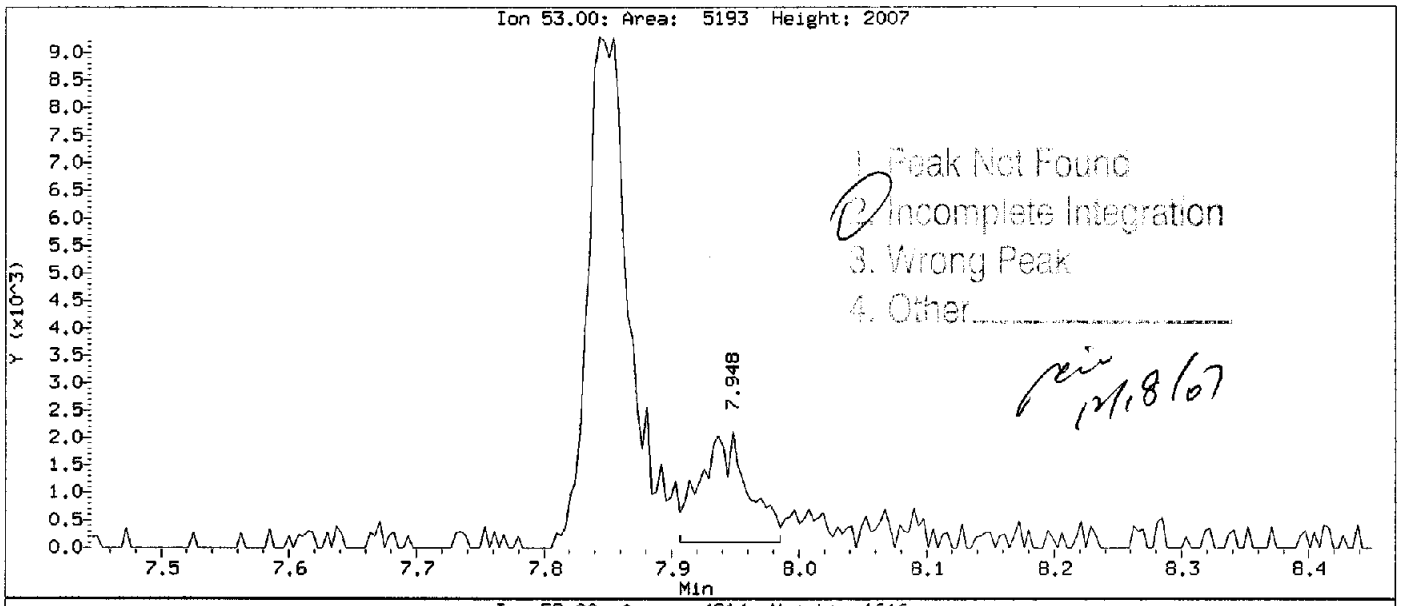
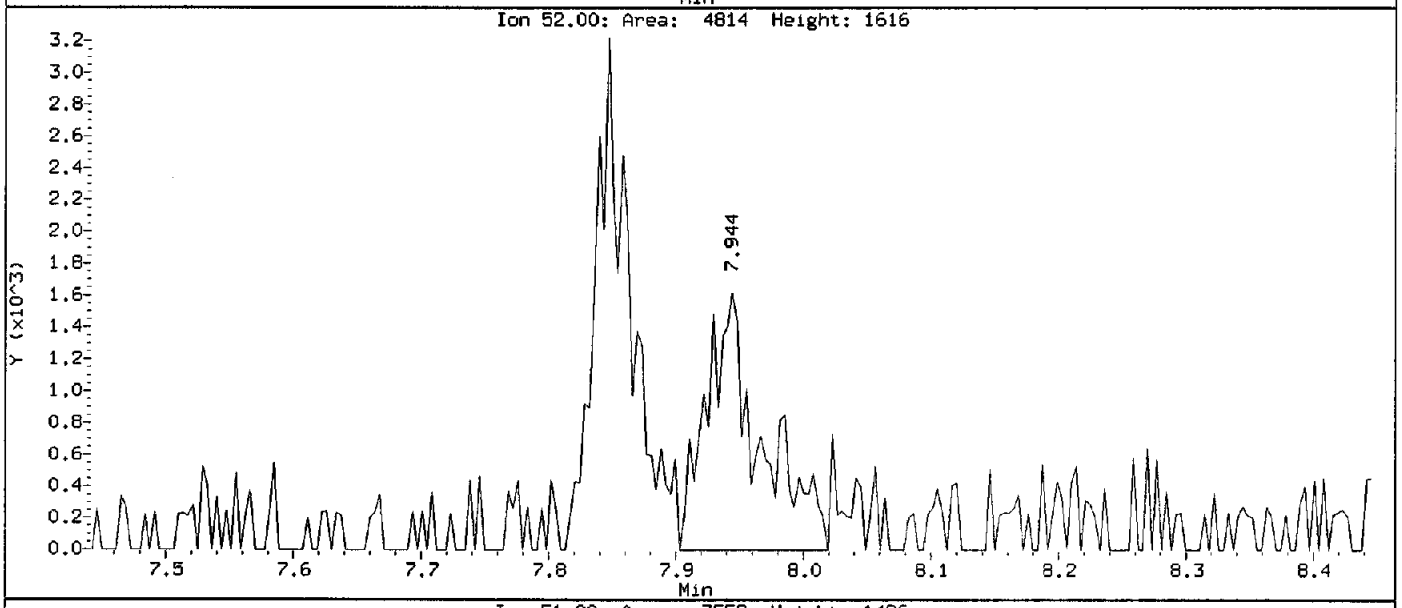
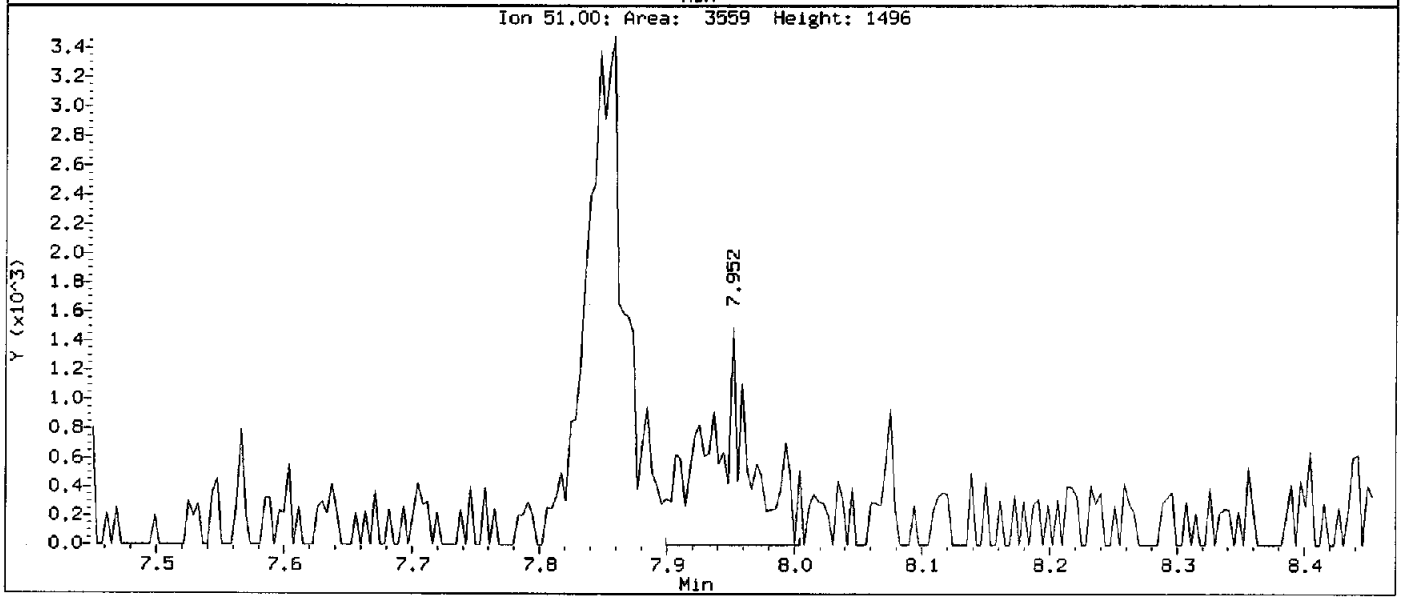
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Acrylonitrile
CAS Number: 107-13-1







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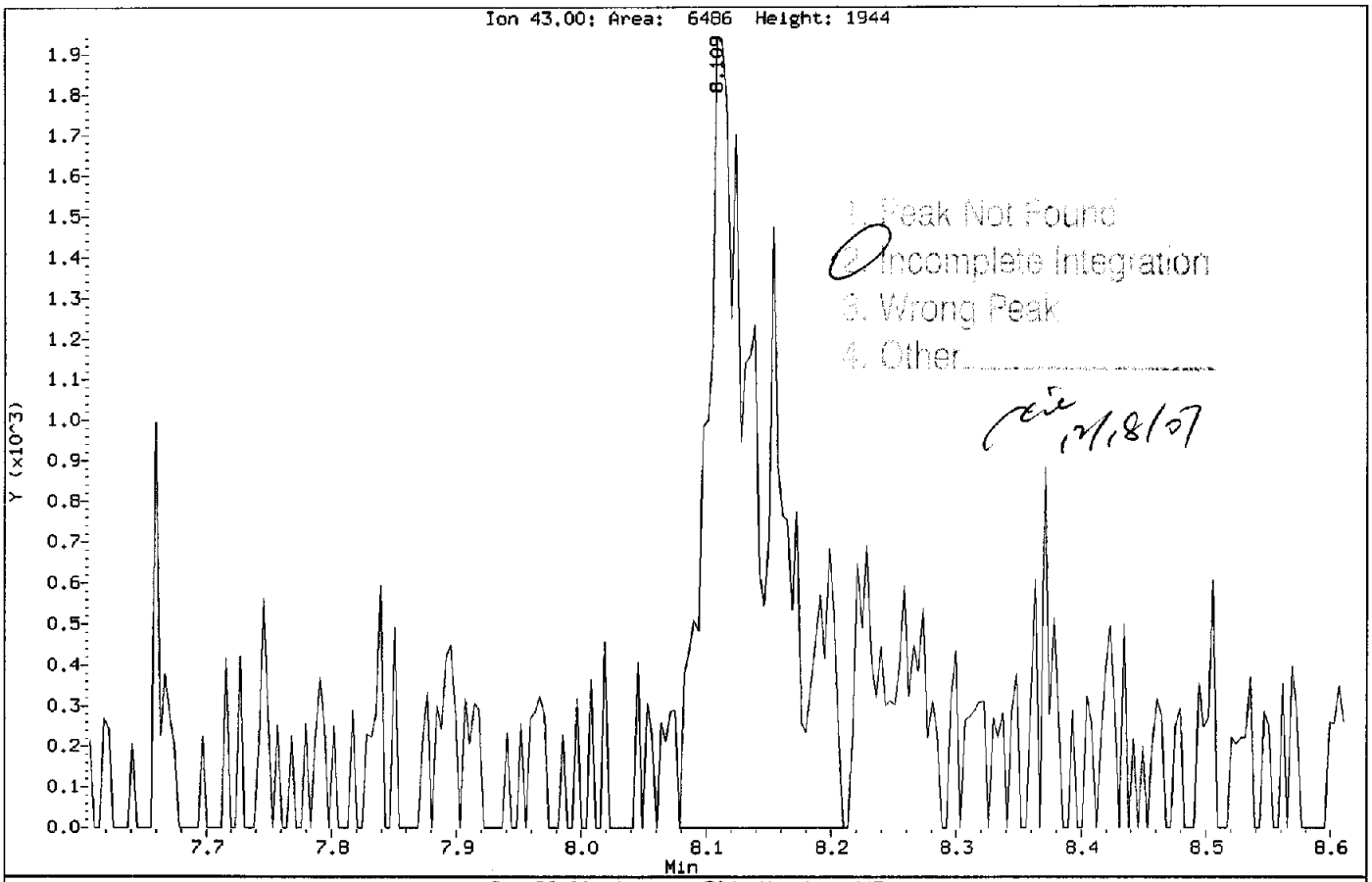
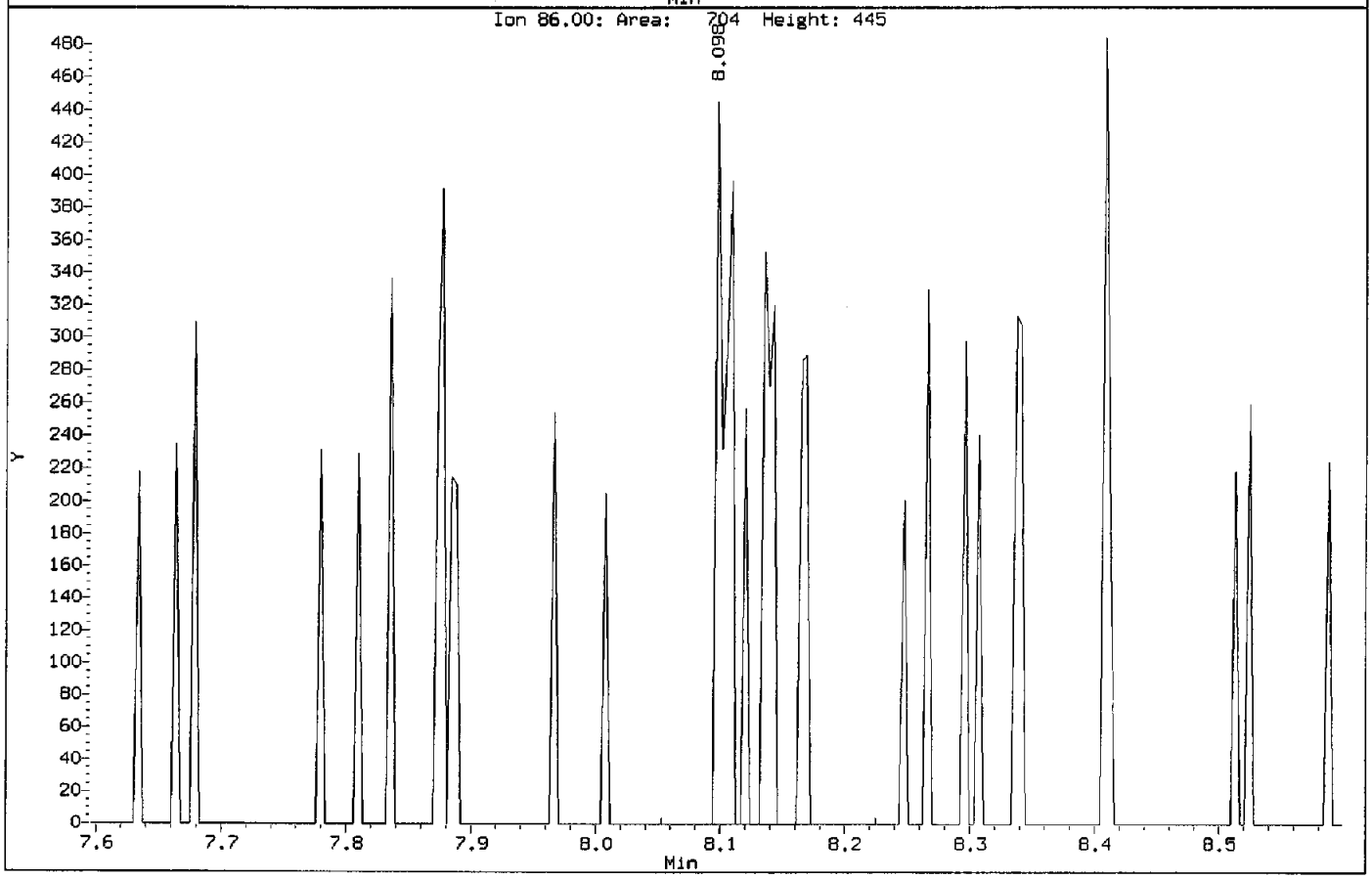
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Vinyl acetate
CAS Number: 108-05-4





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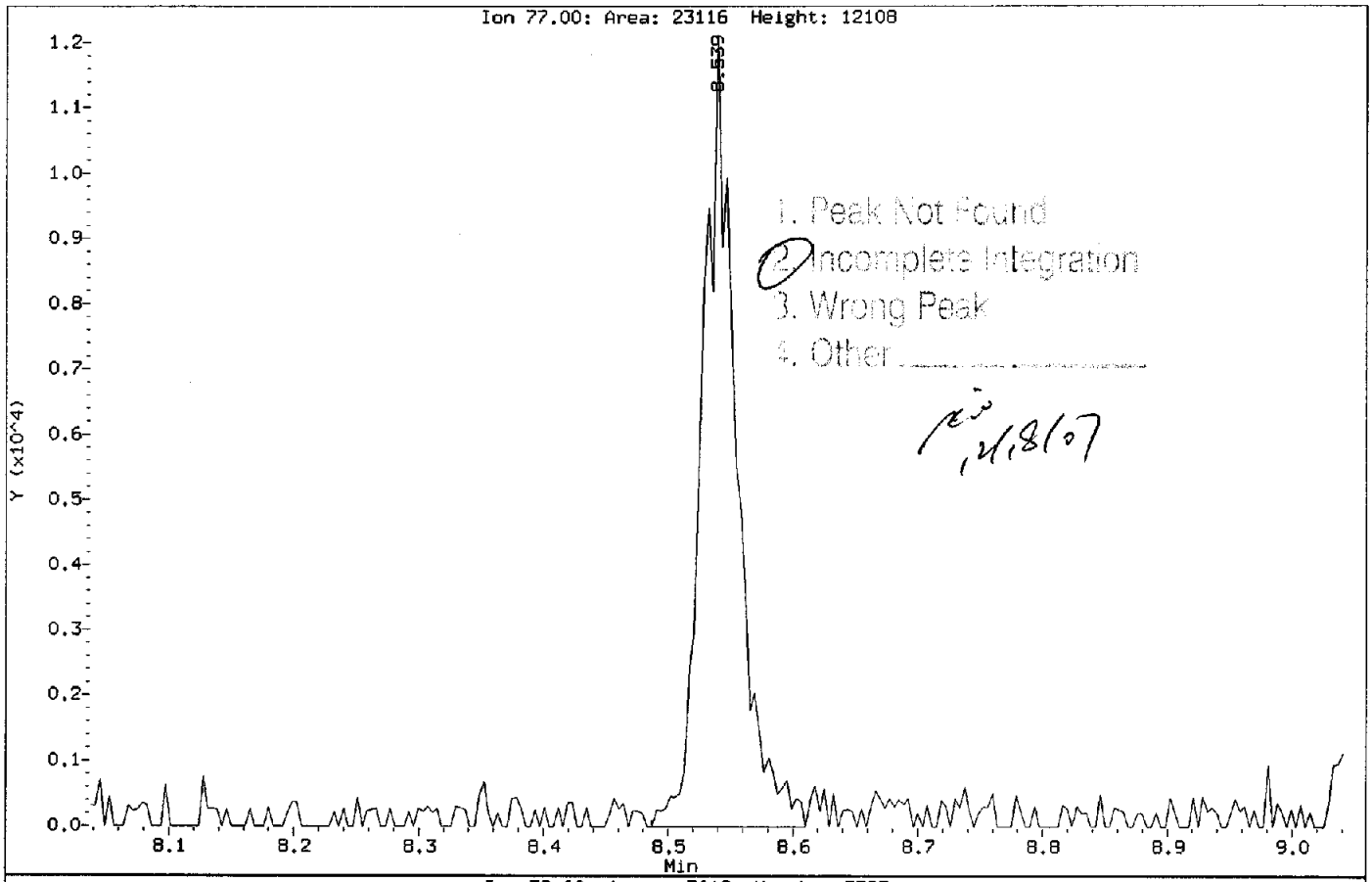
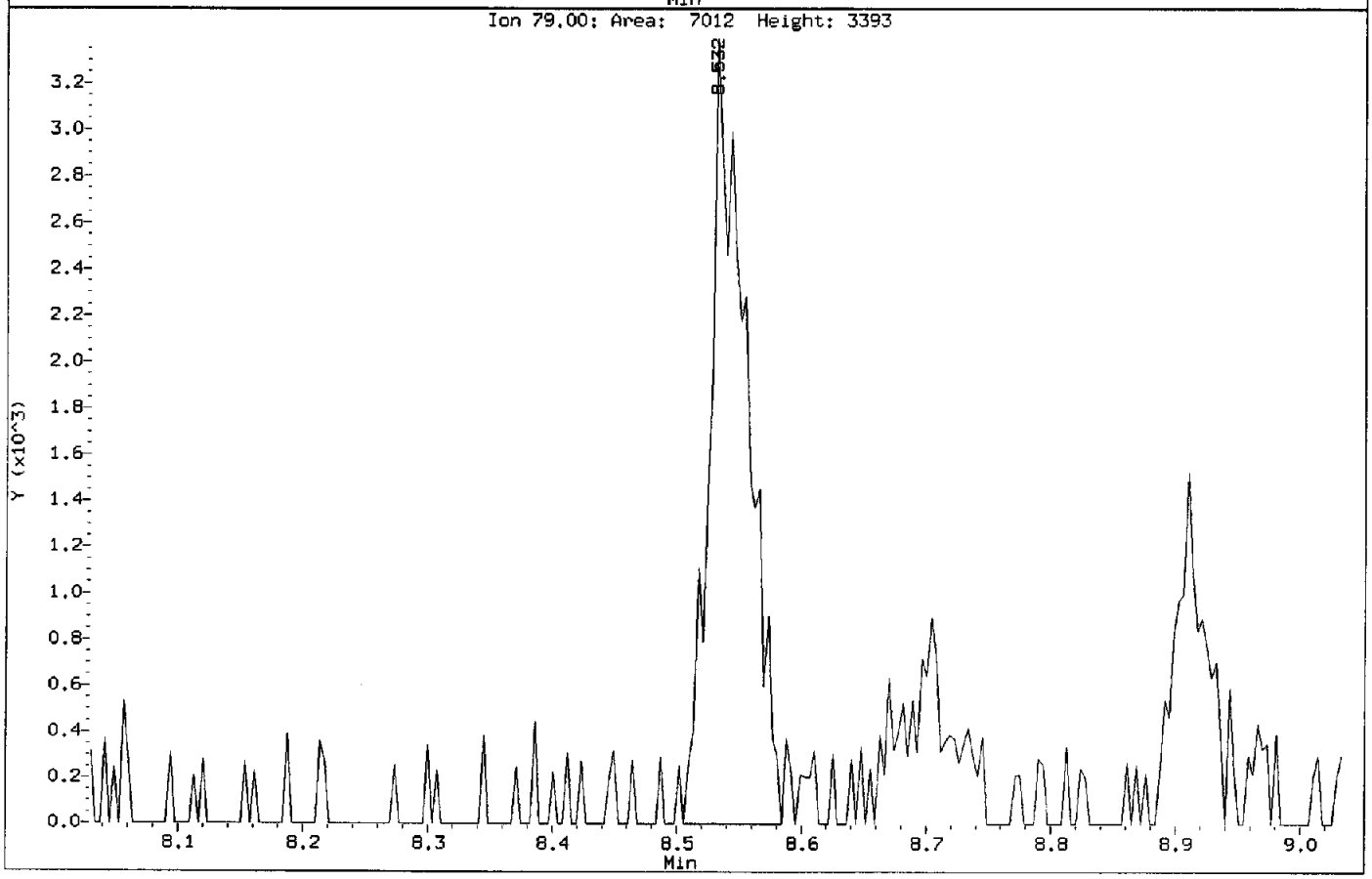
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 2,2-Dichloropropane
CAS Number: 594-20-7





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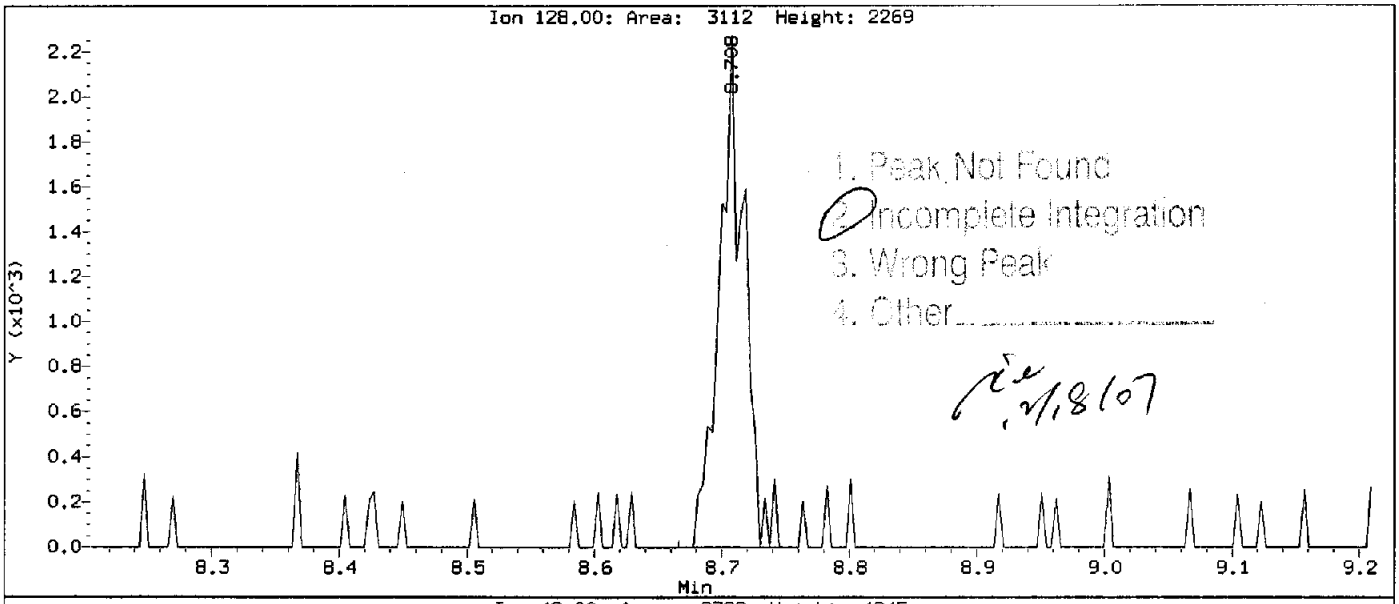
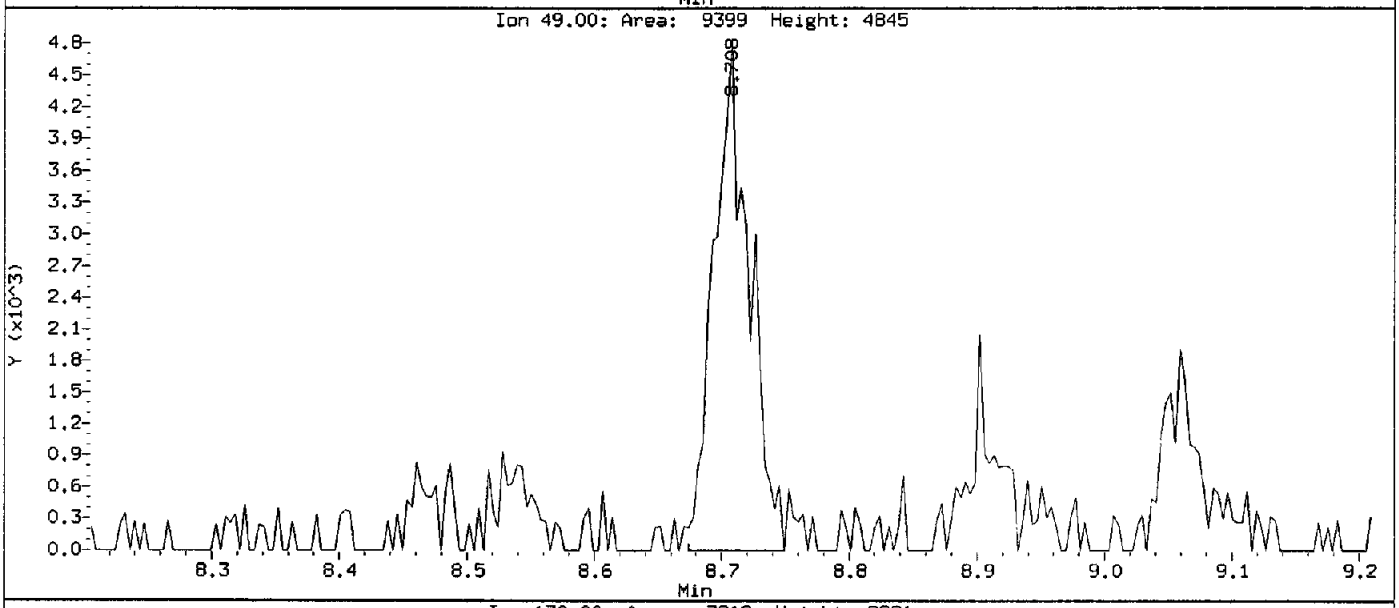
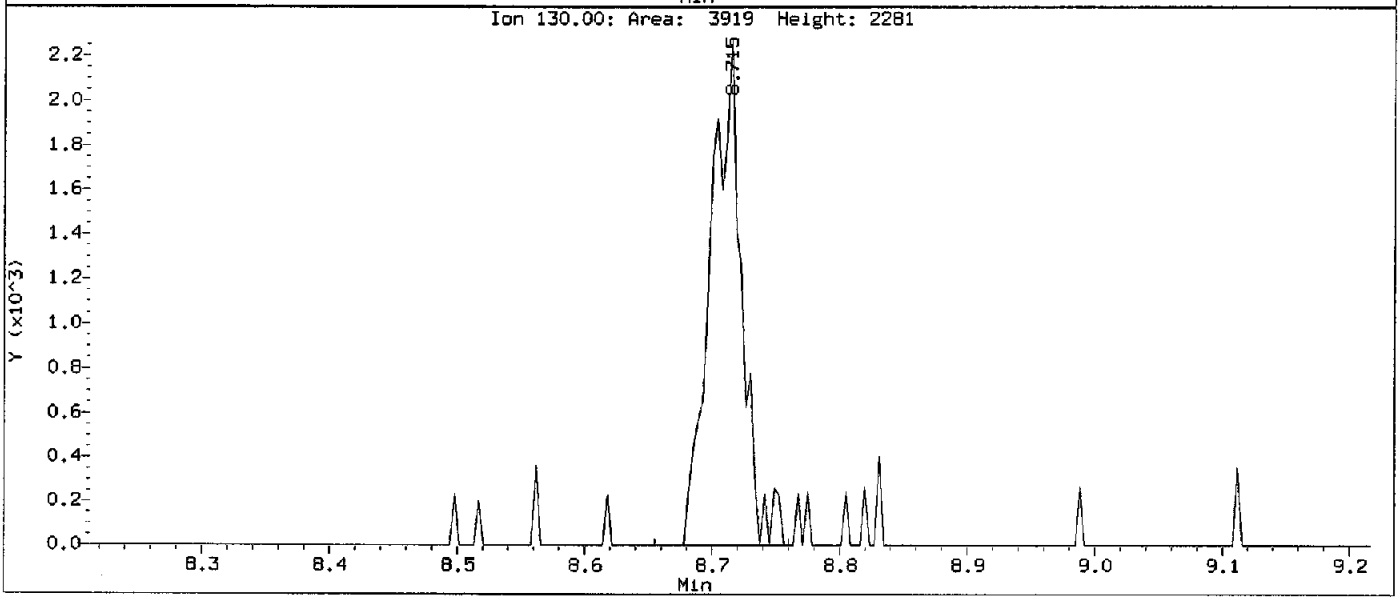
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Bromochloromethane
CAS Number: 74-97-5

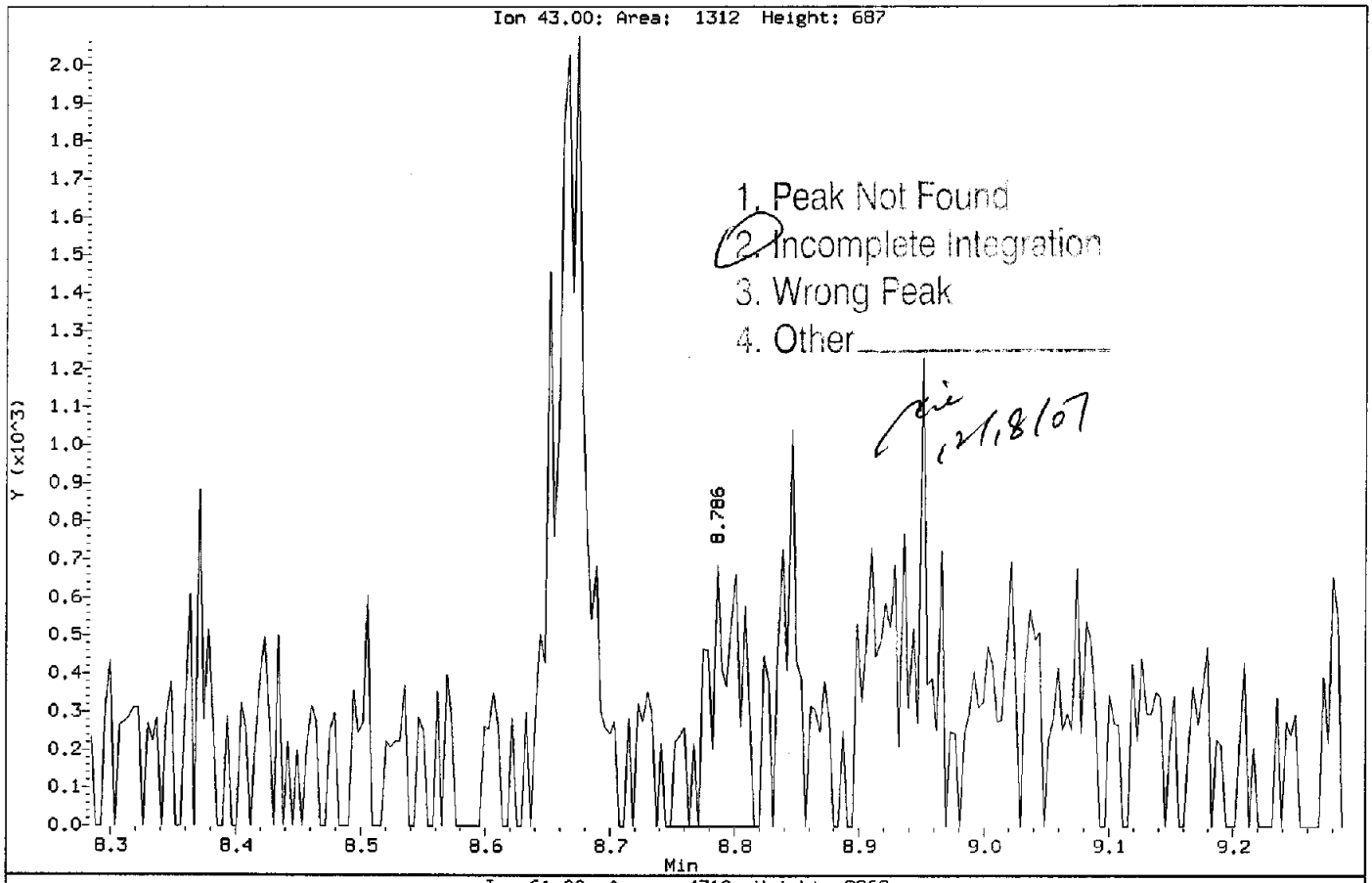


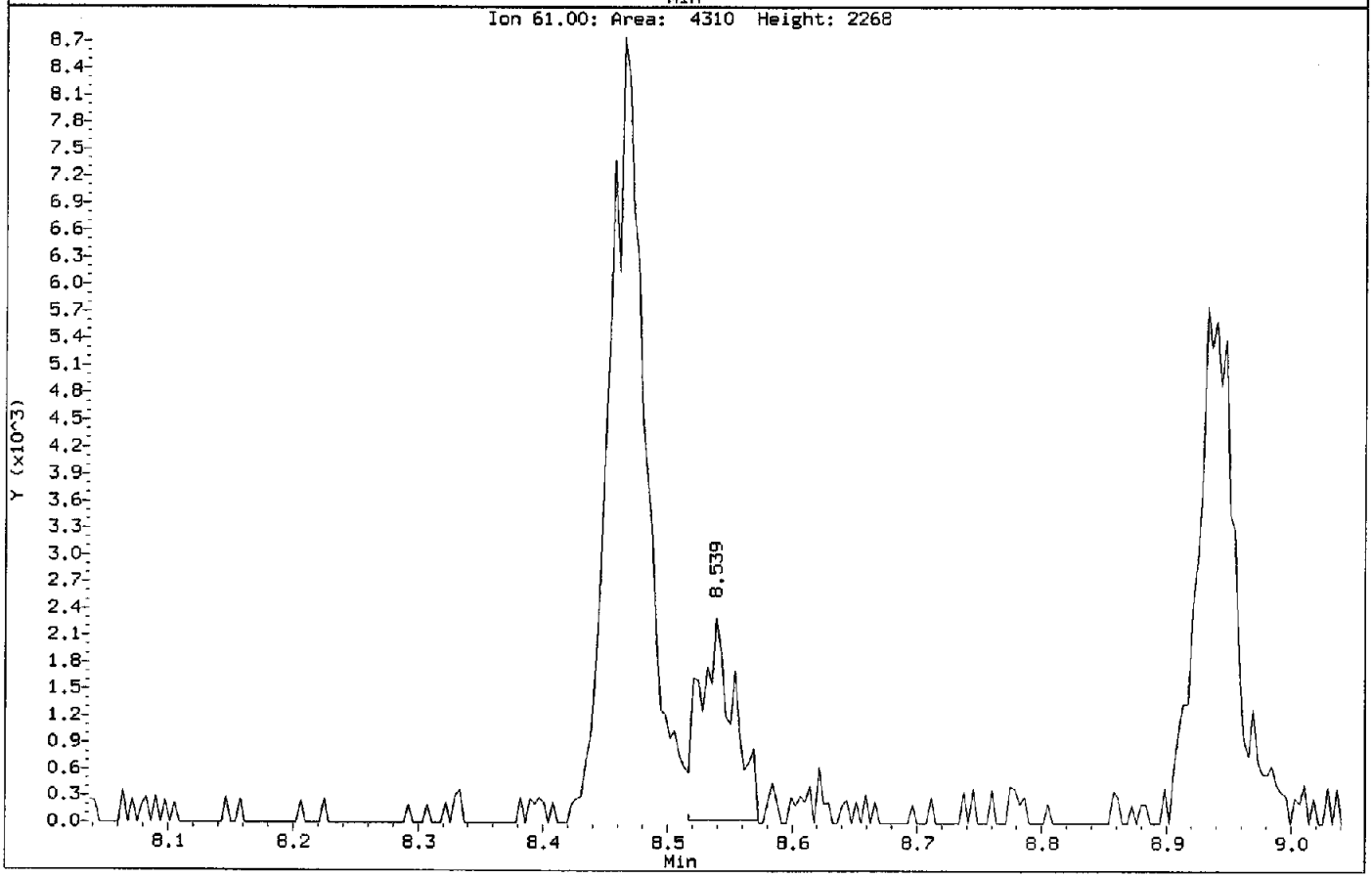




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

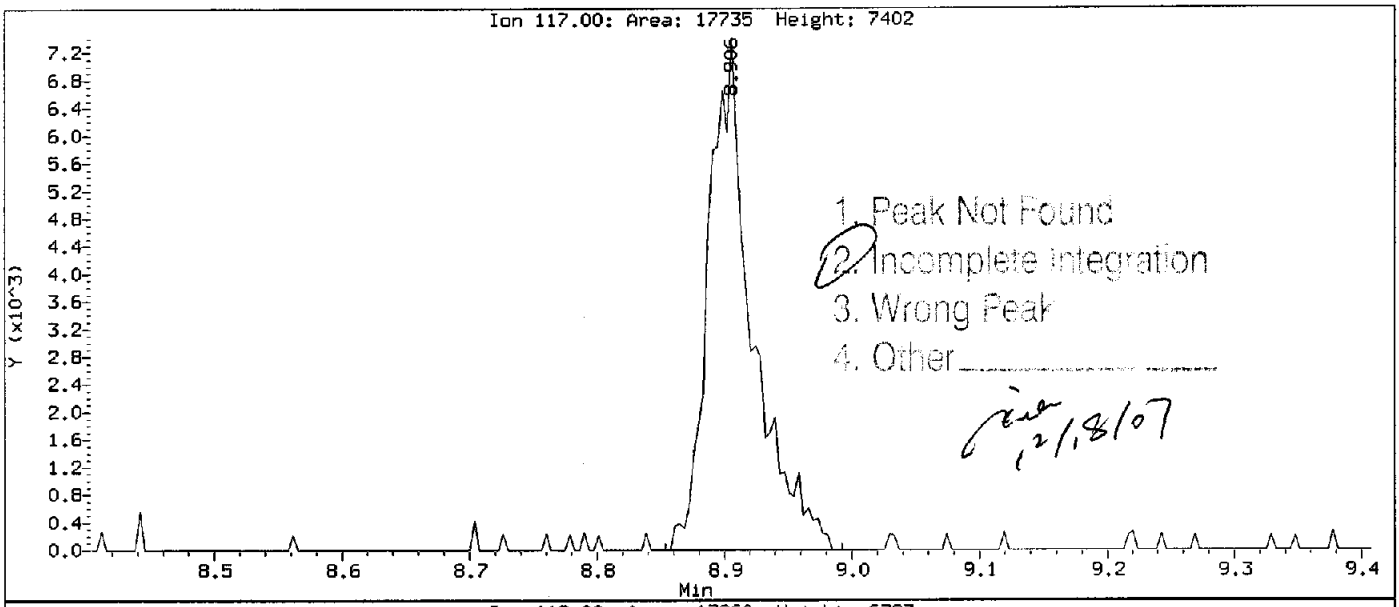
Compound: Ethyl acetate
CAS Number: 141-78-6

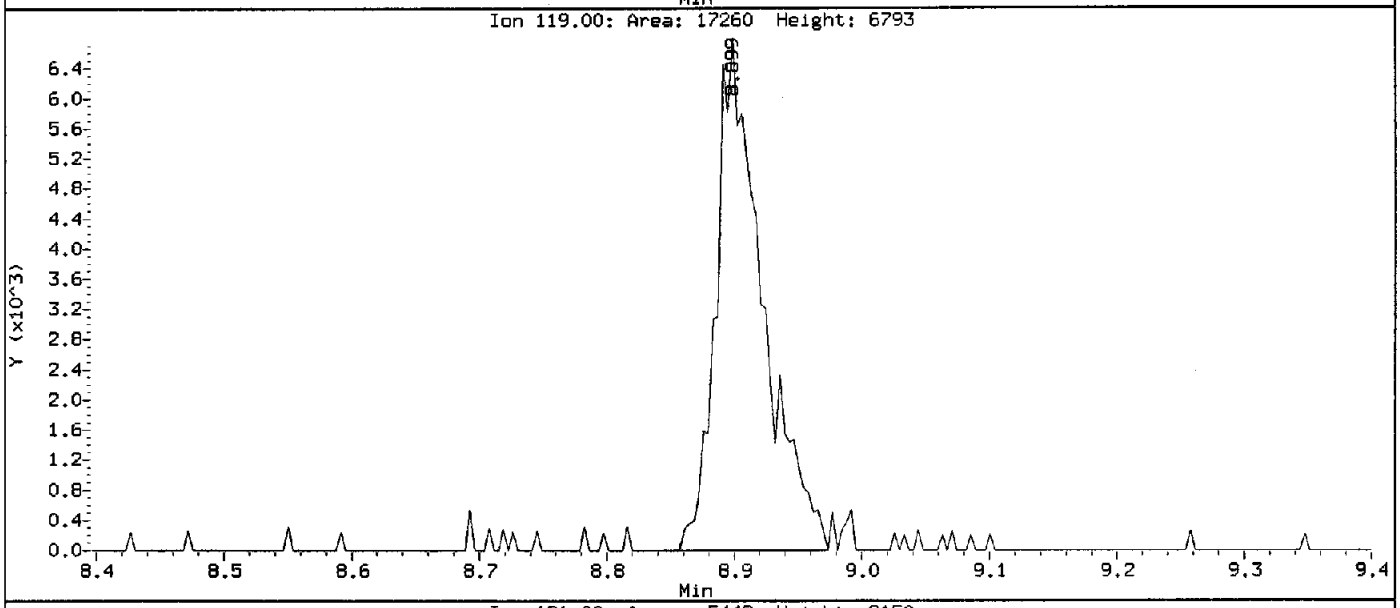


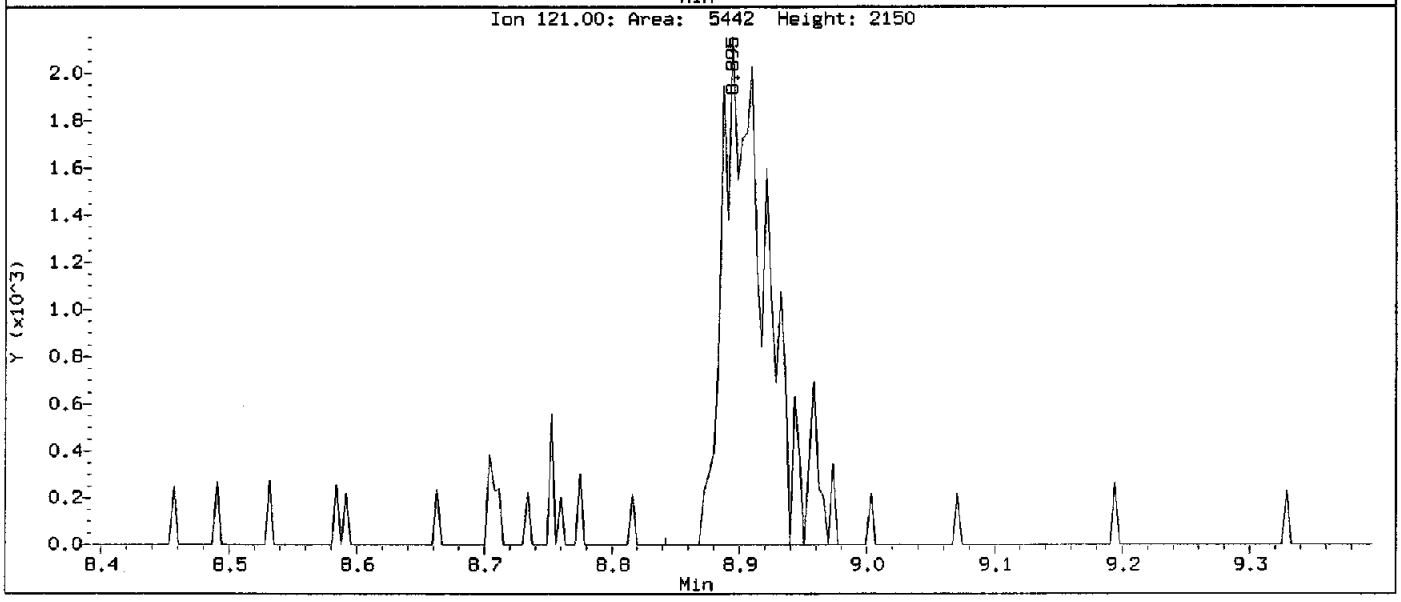


Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Carbon Tetrachloride
CAS Number: 56-23-5

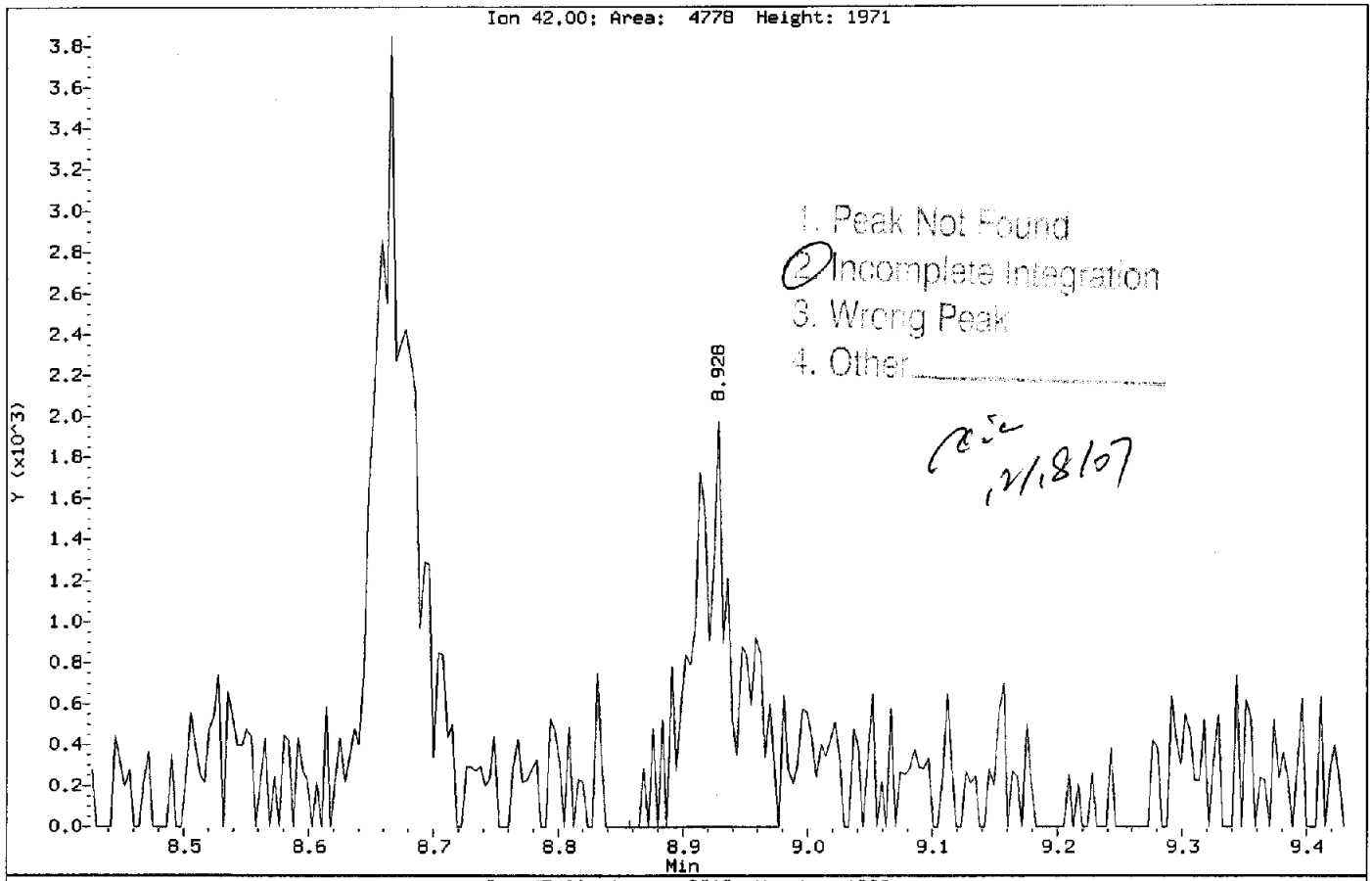


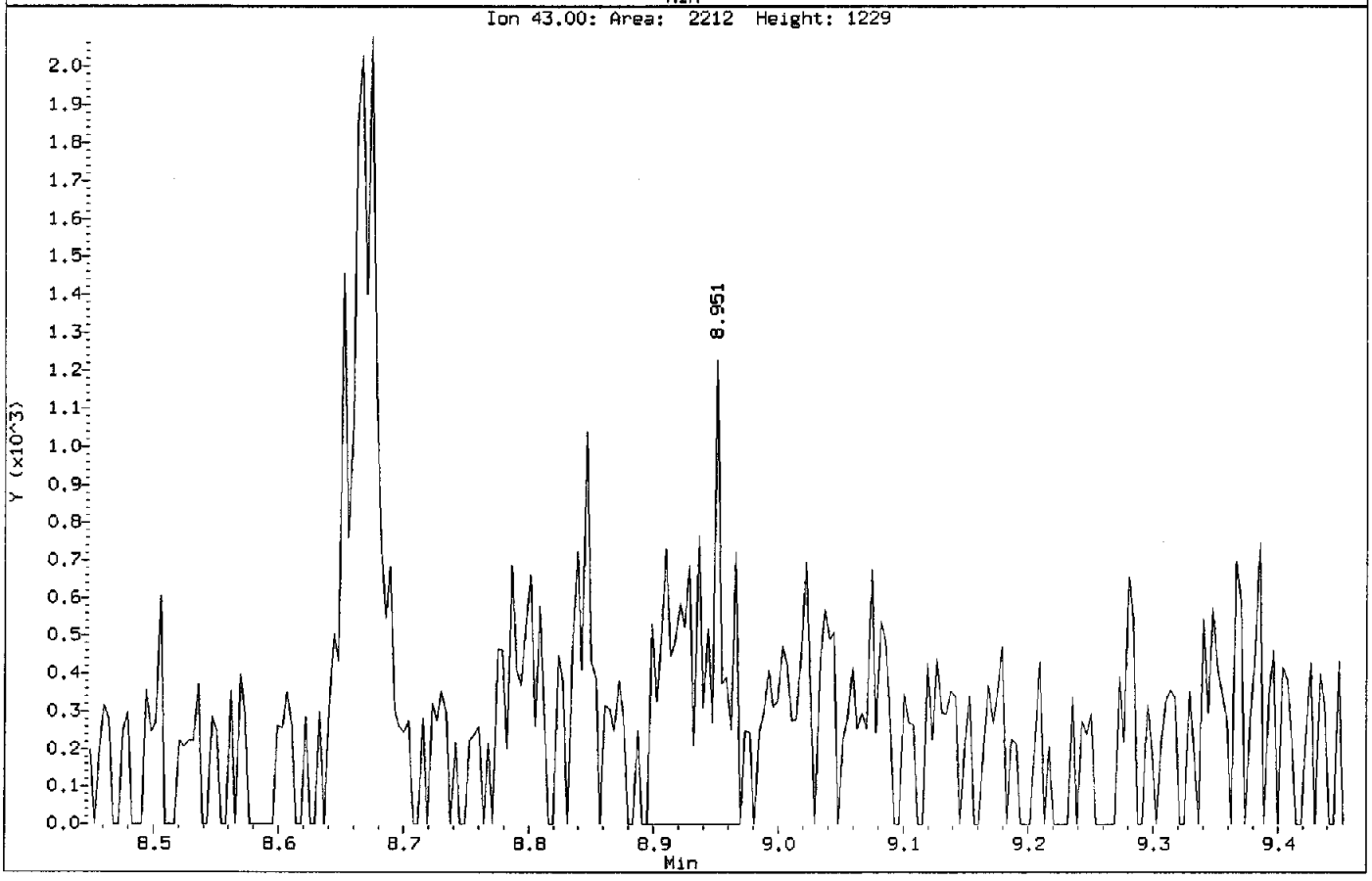




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

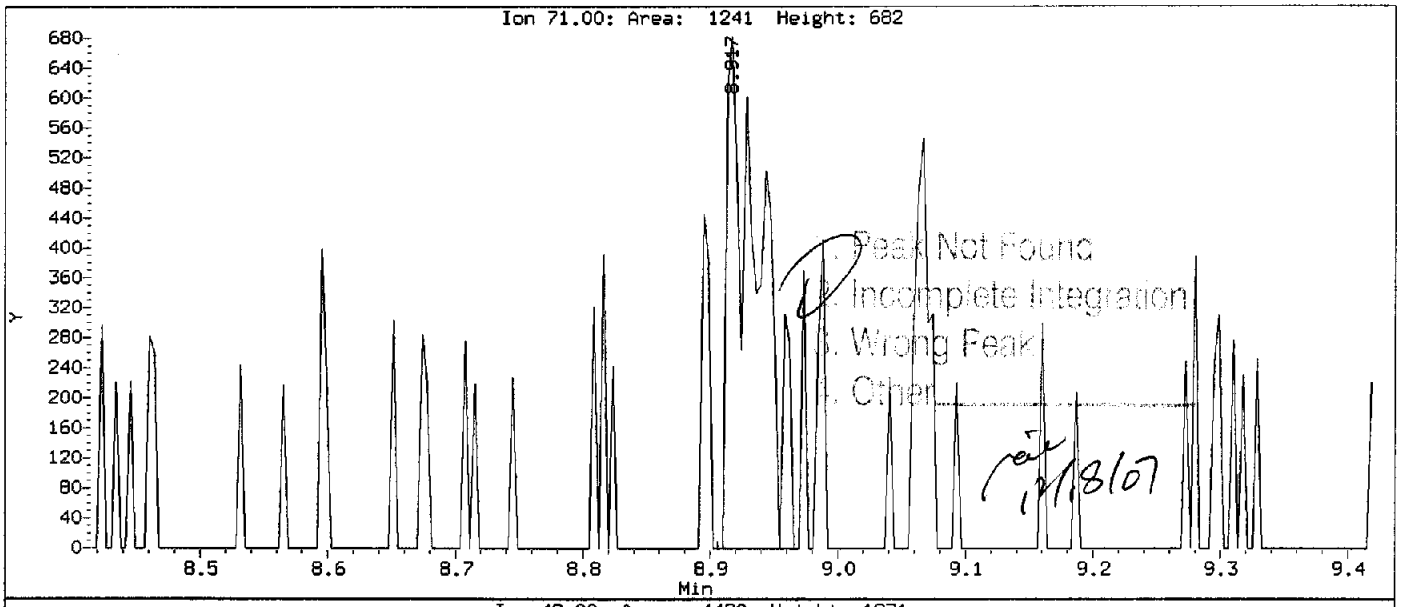
Compound: Isobutanol
CAS Number: 78-83-1

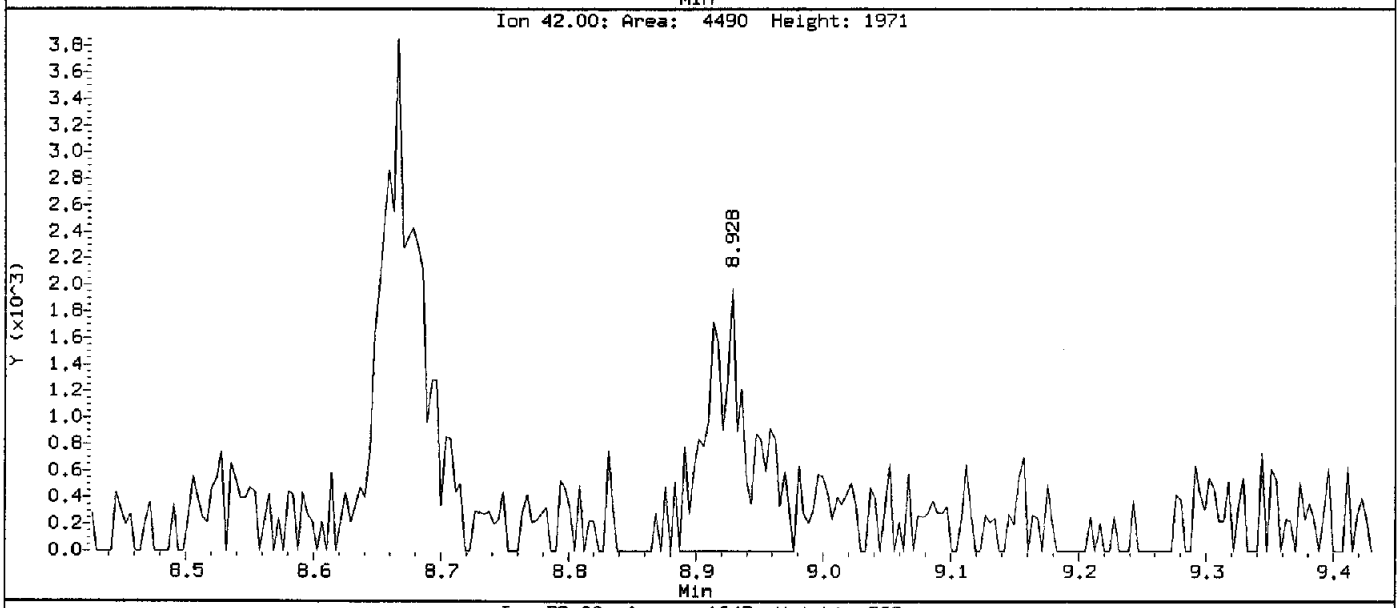


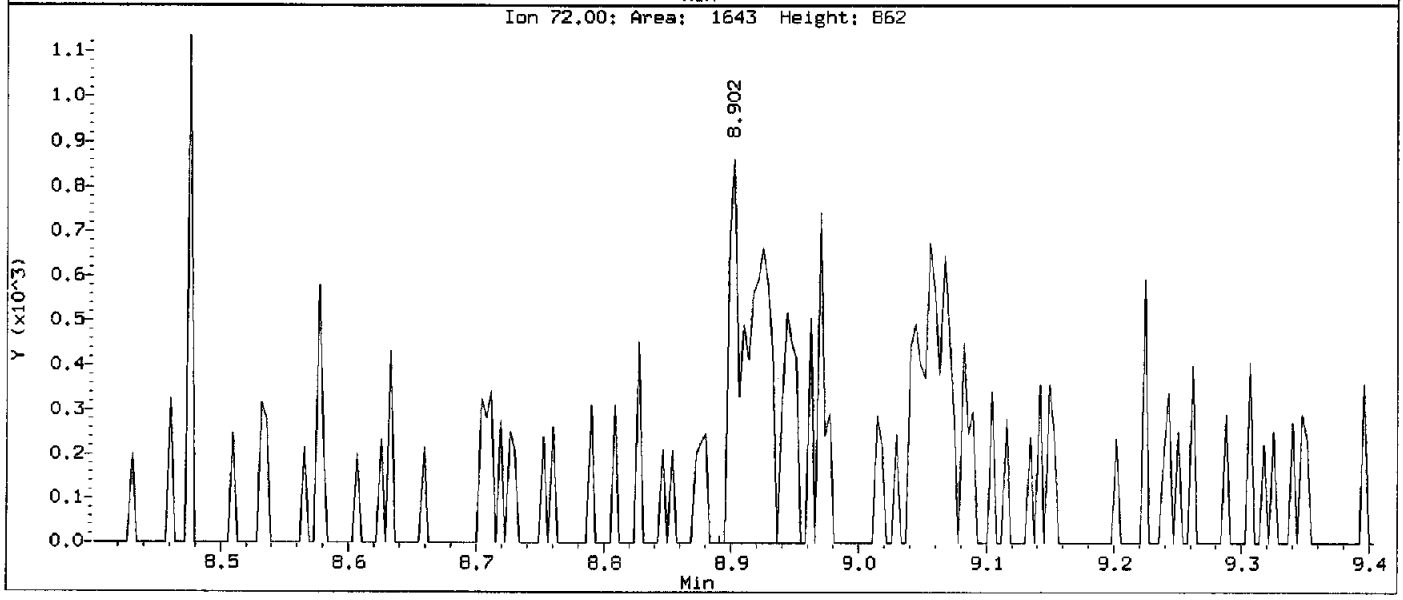


Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Tetrahydrofuran
CAS Number: 109-99-9

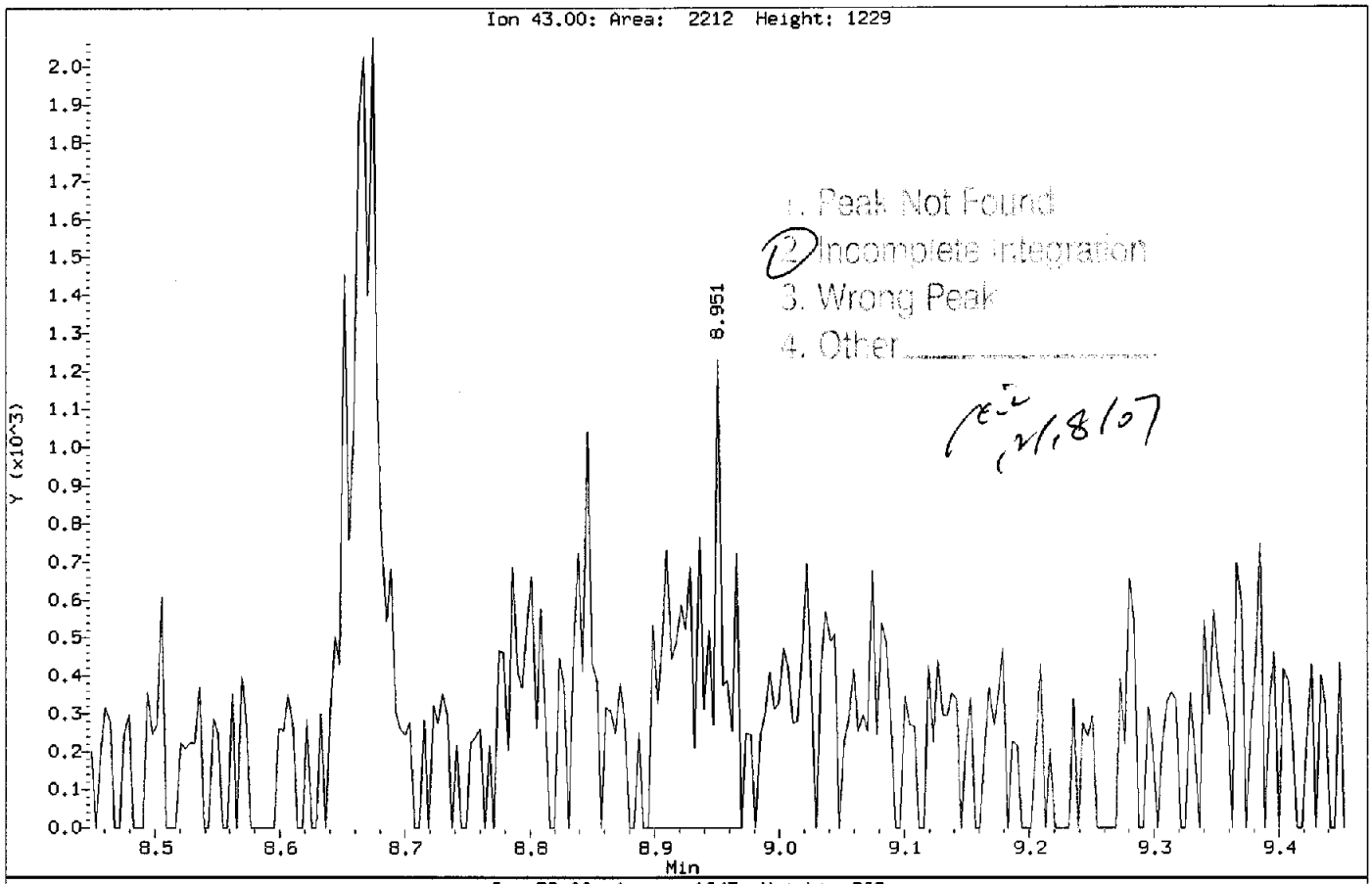


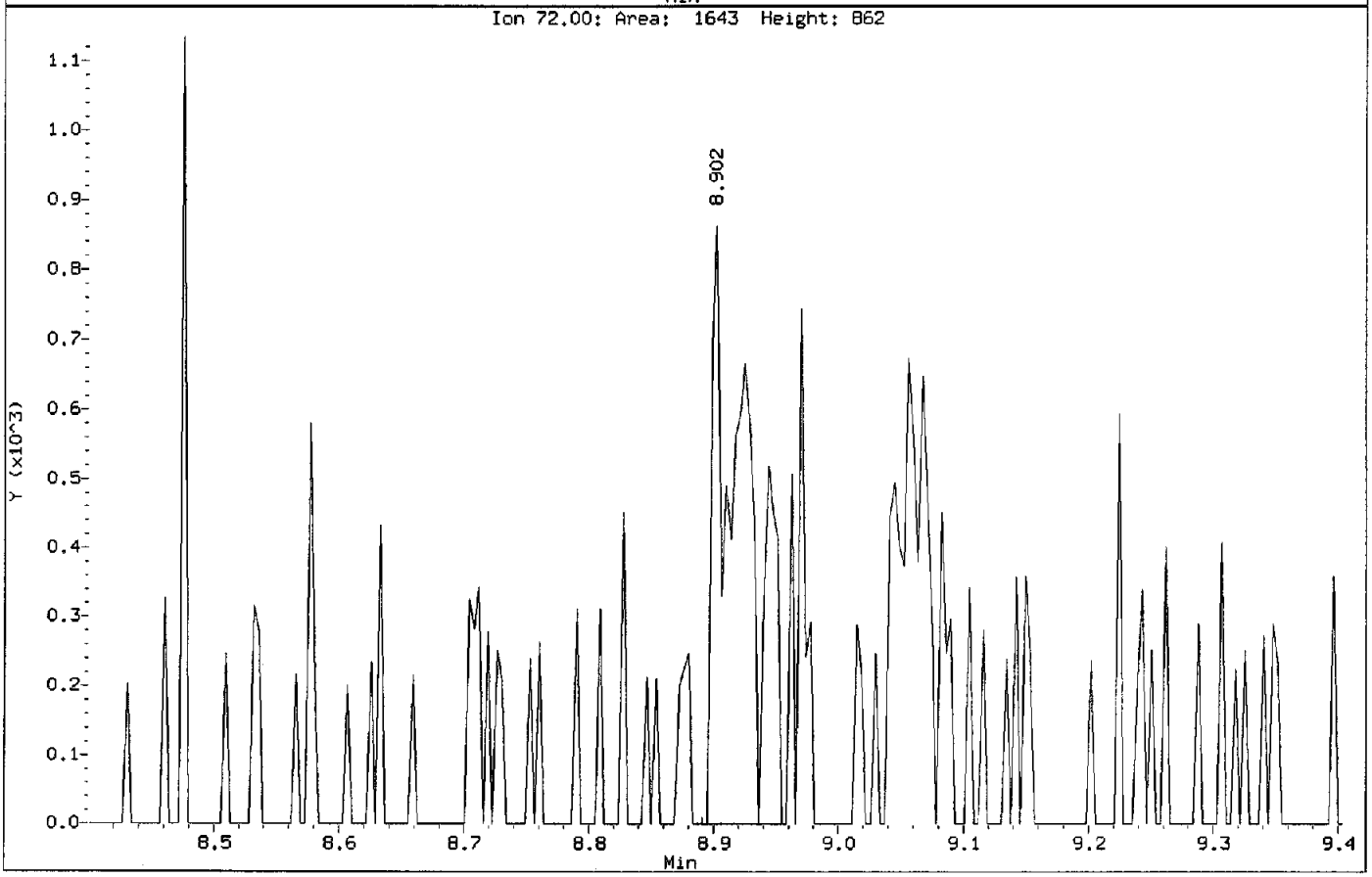




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

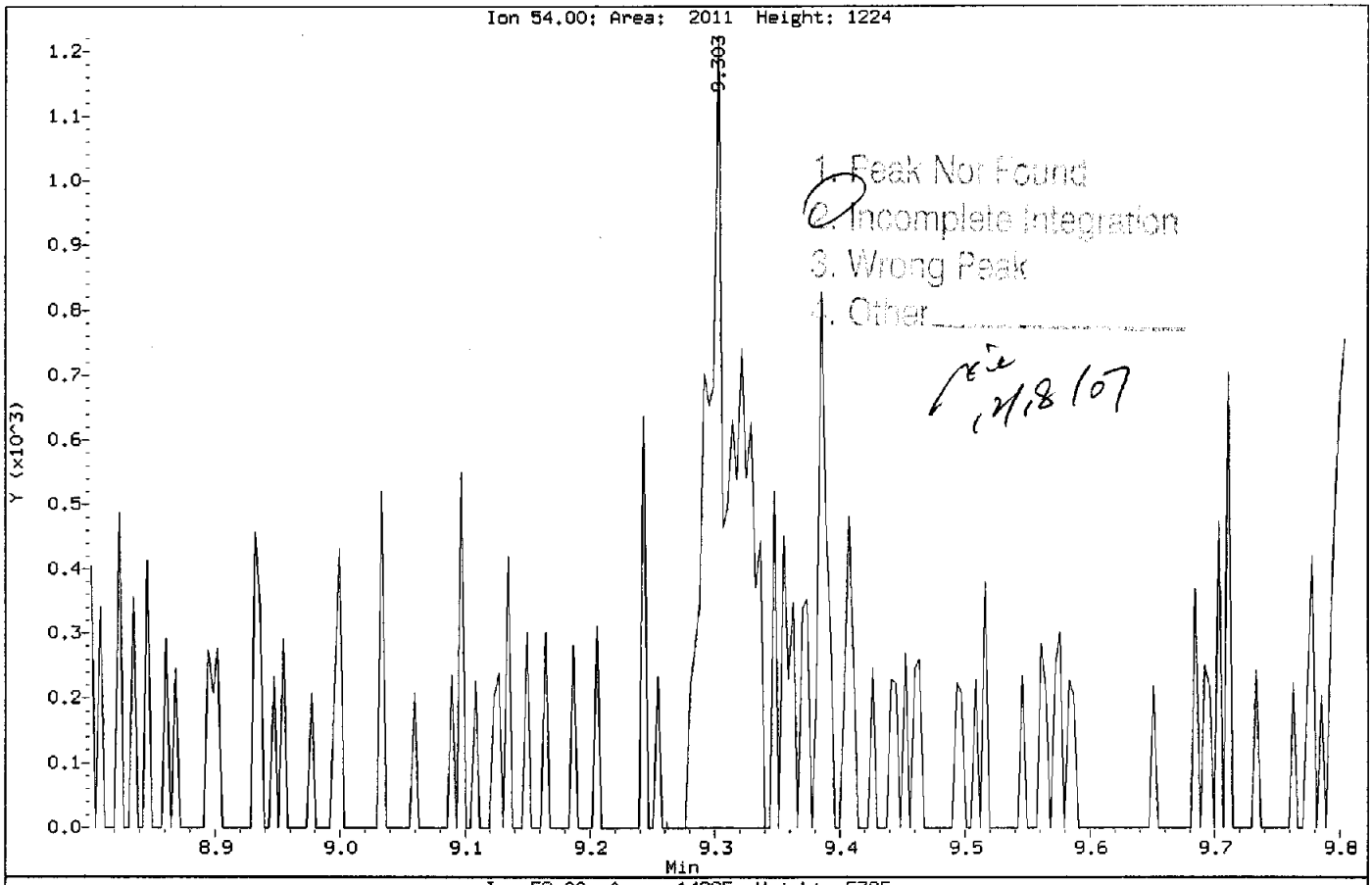
Compound: 2-Butanone
CAS Number: 78-93-3

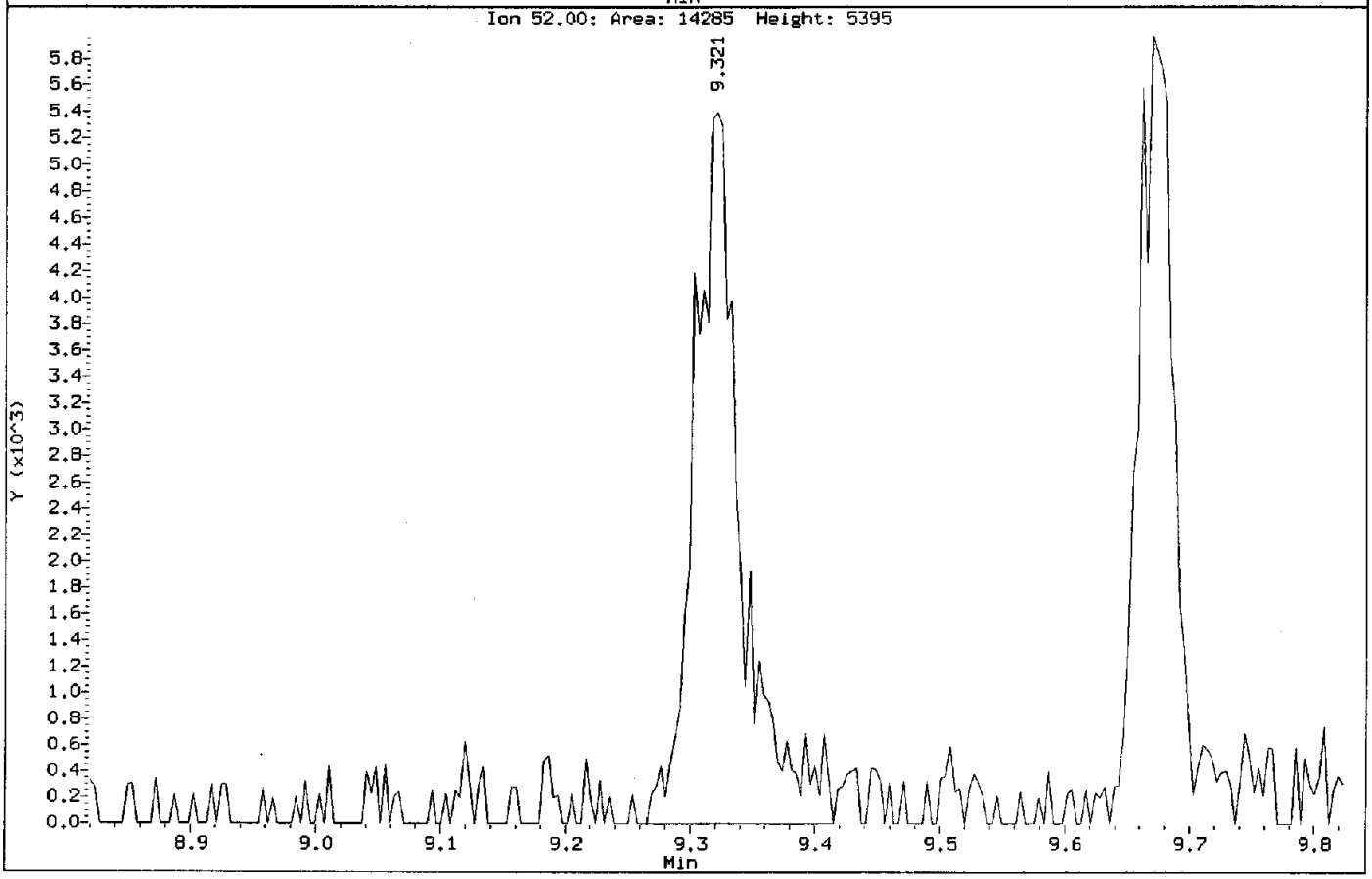




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Propionitrile
CAS Number: 107-12-0





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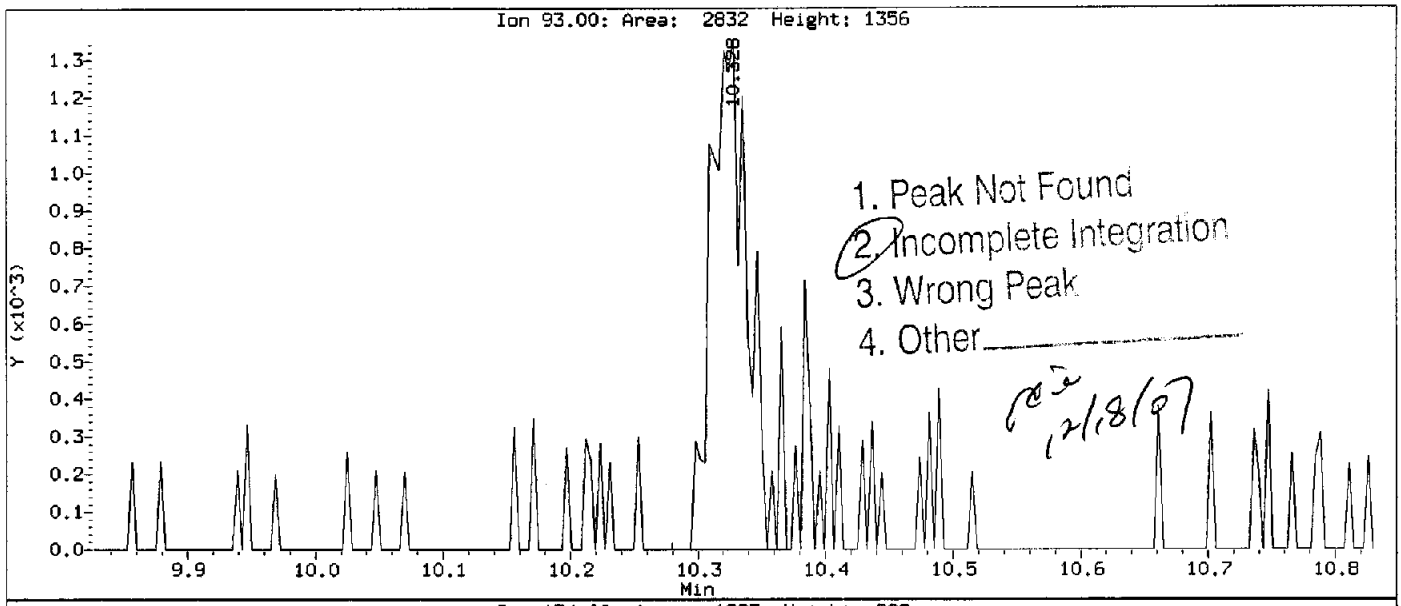
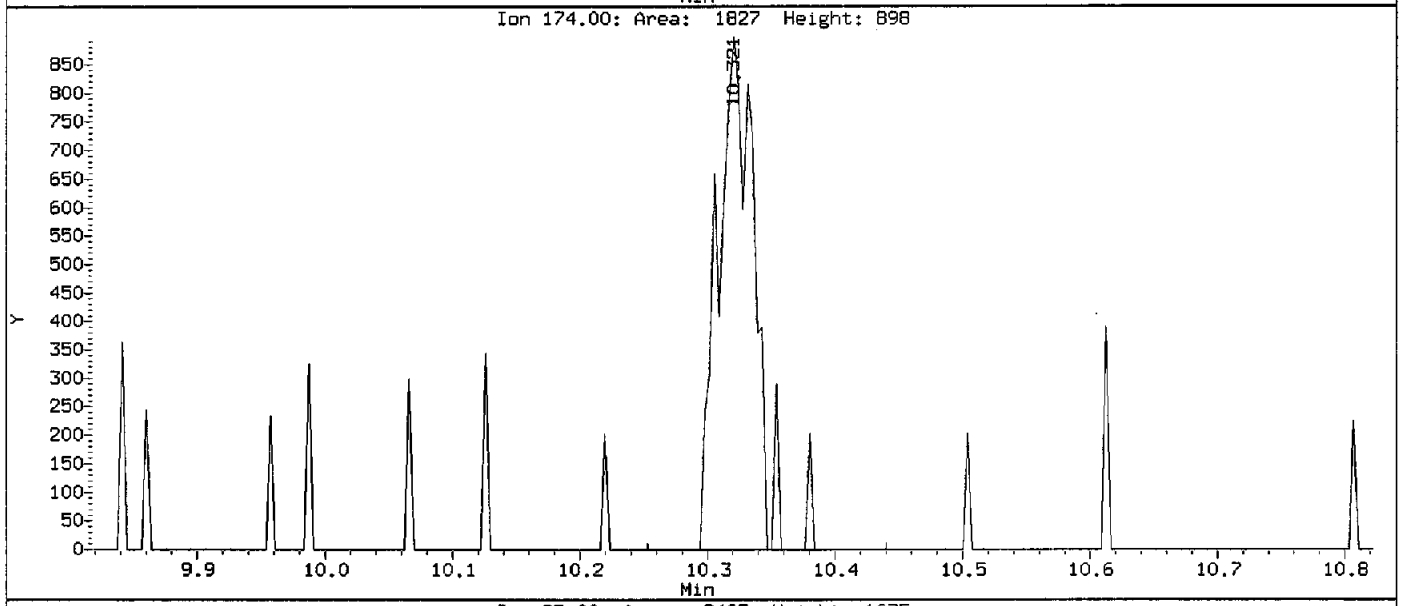
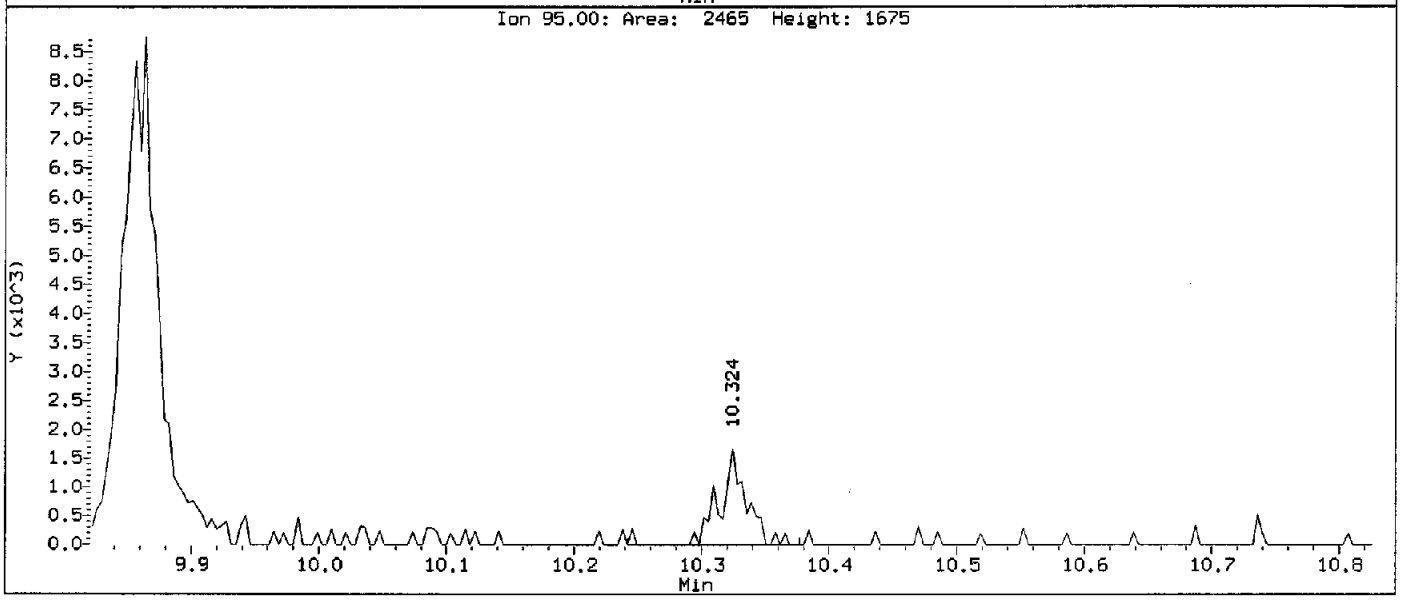
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Dibromomethane
CAS Number: 75-95-3







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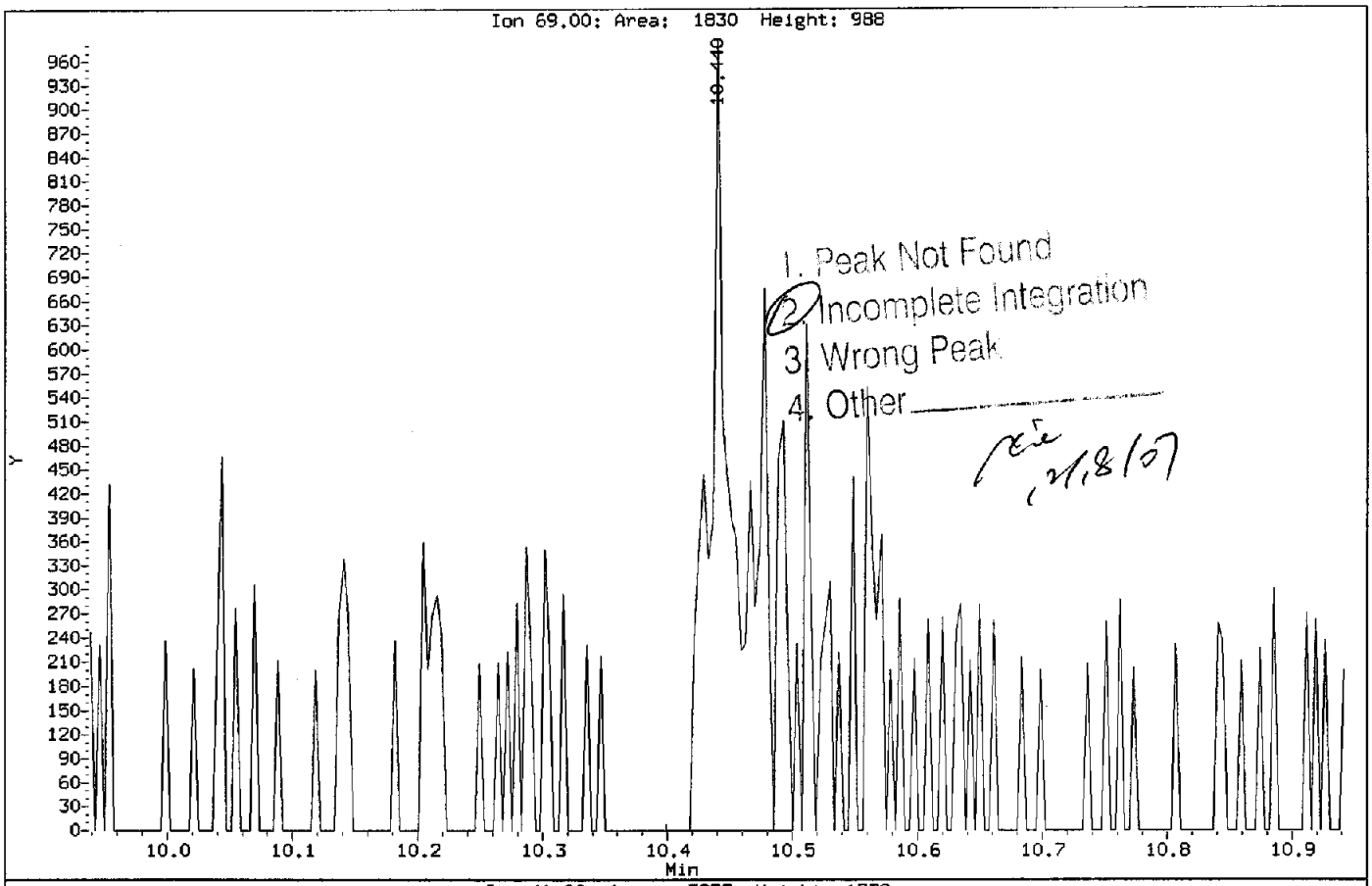
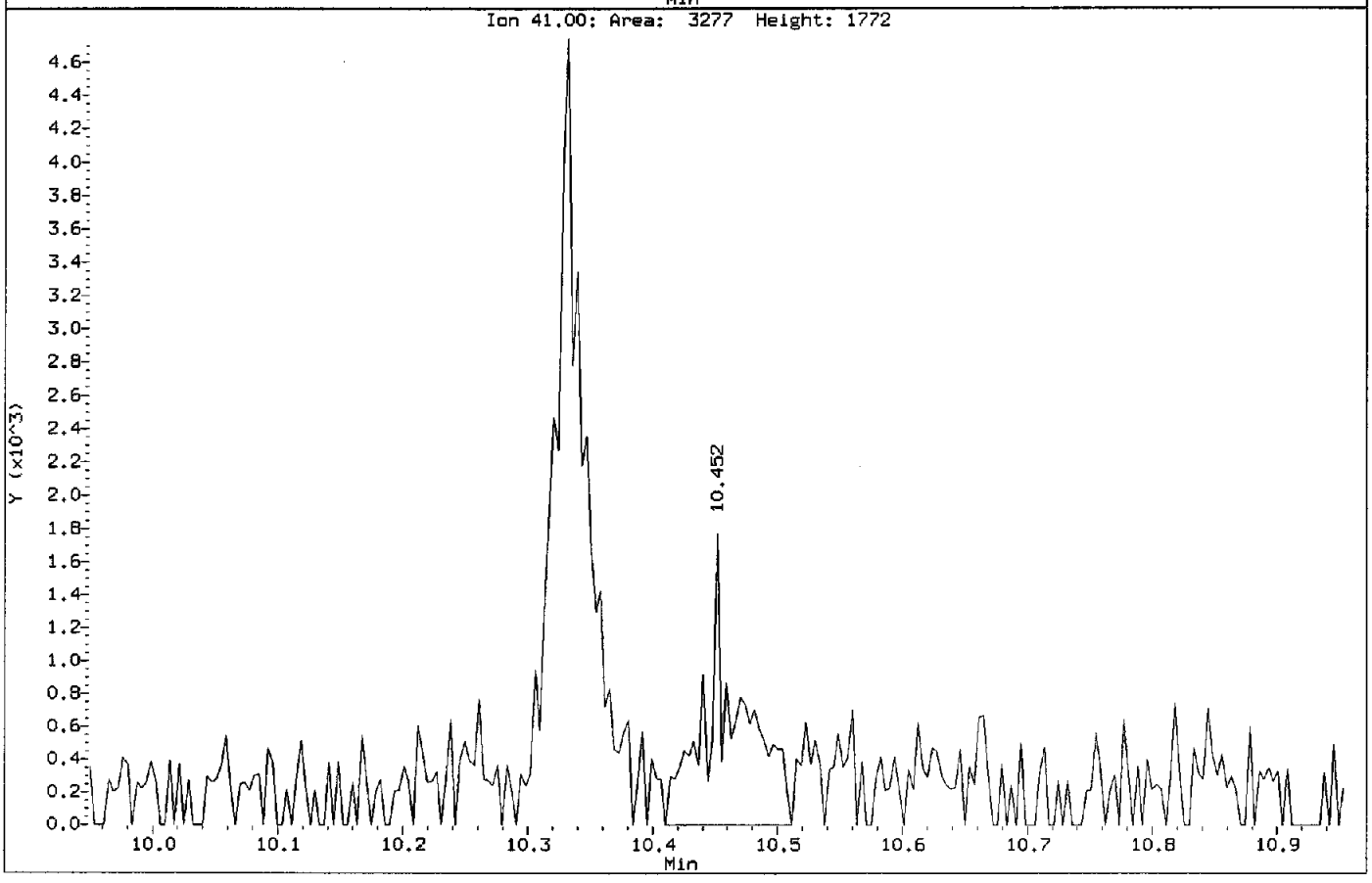
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Methyl methacrylate
CAS Number: 80-62-6





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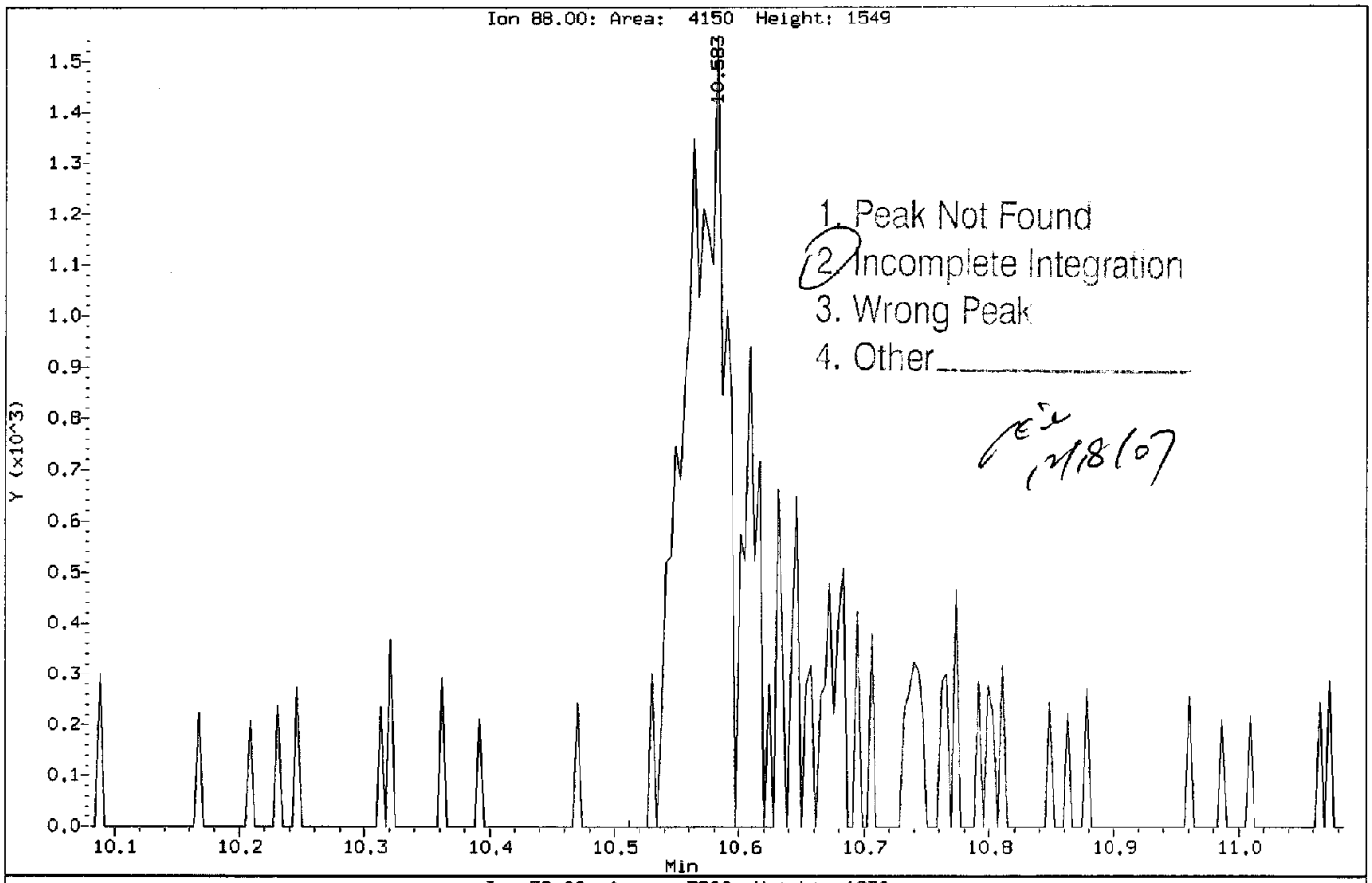
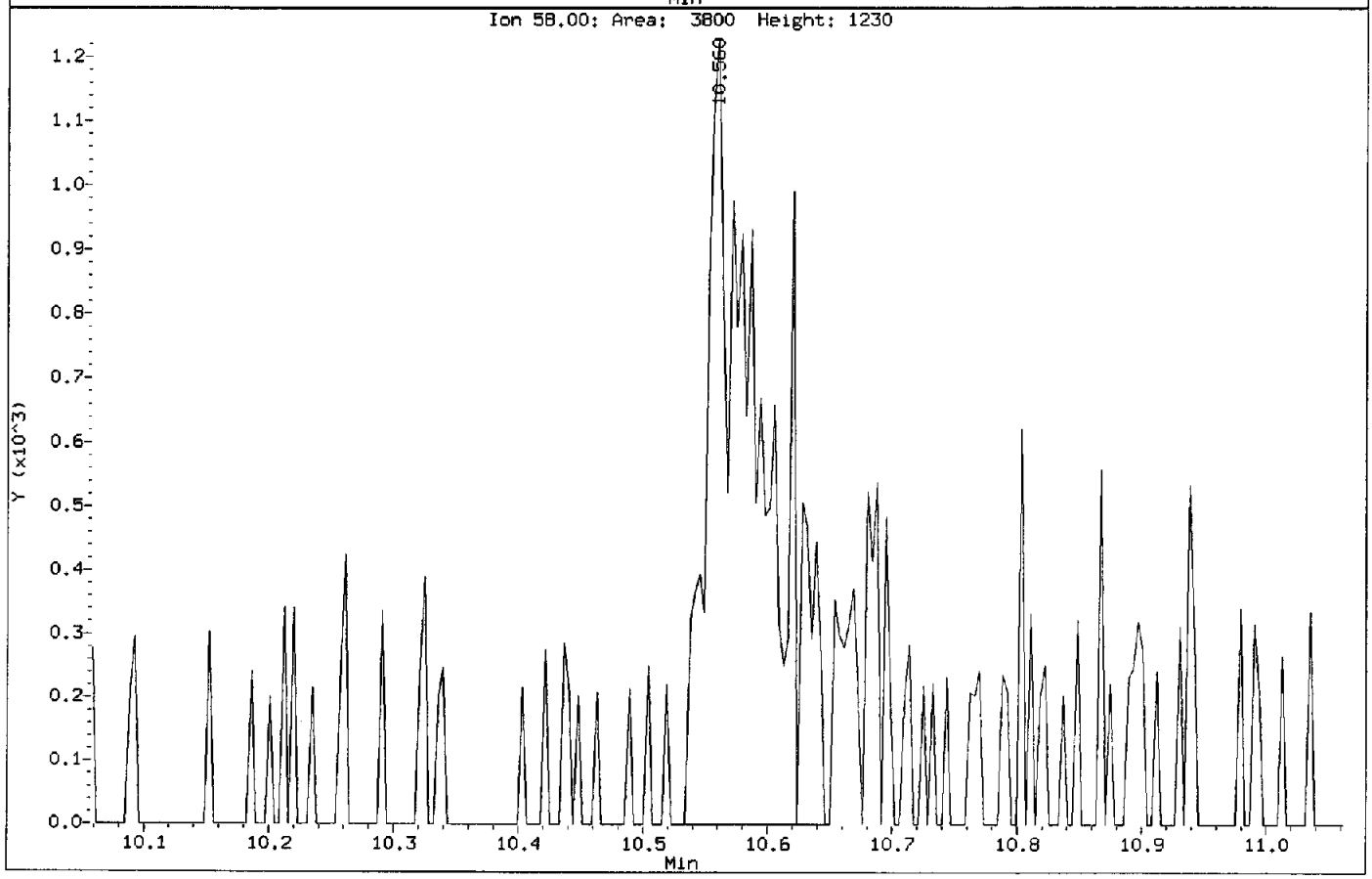
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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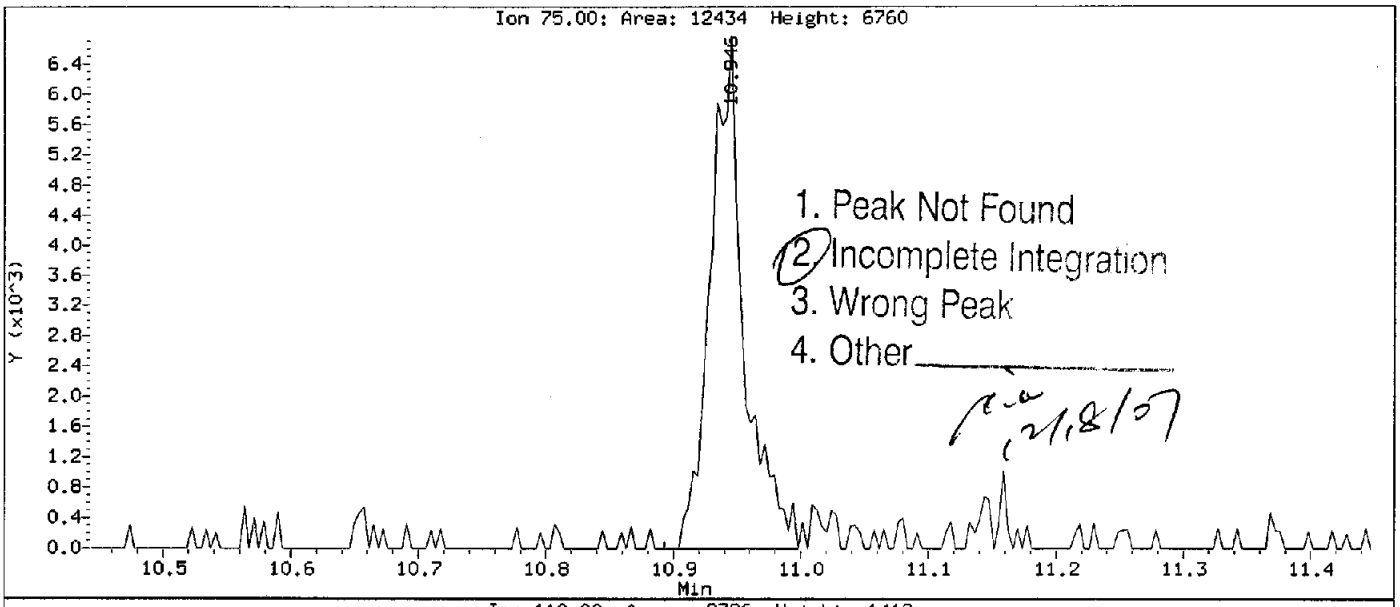
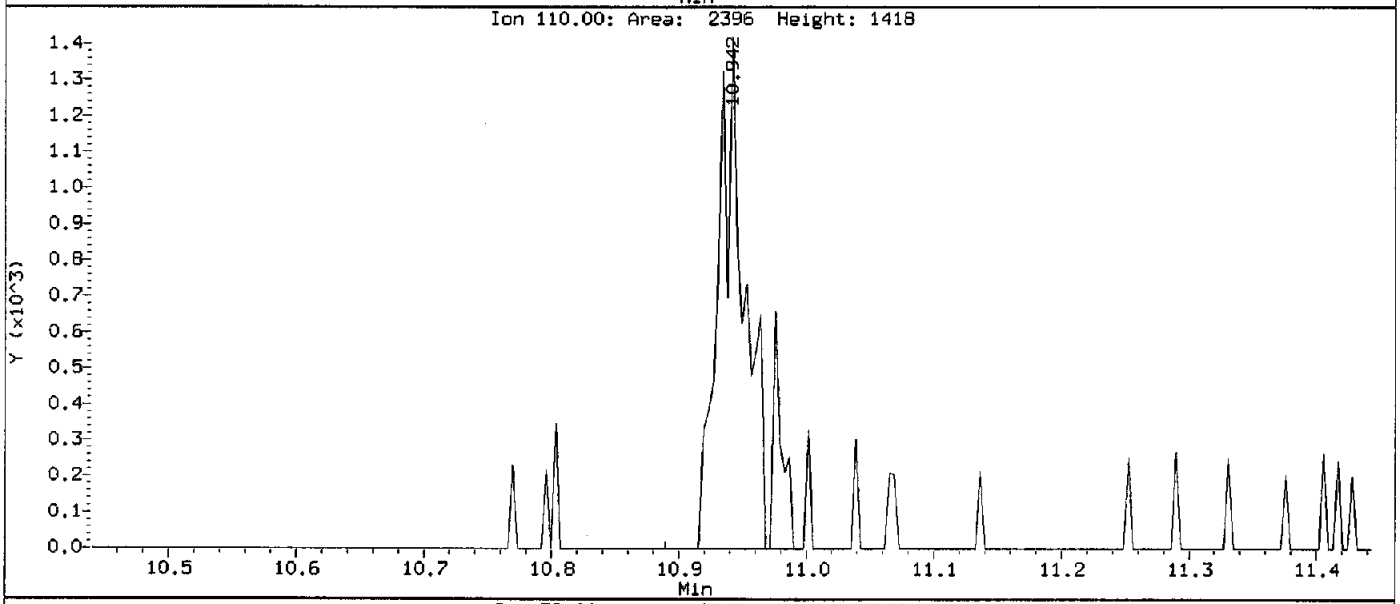
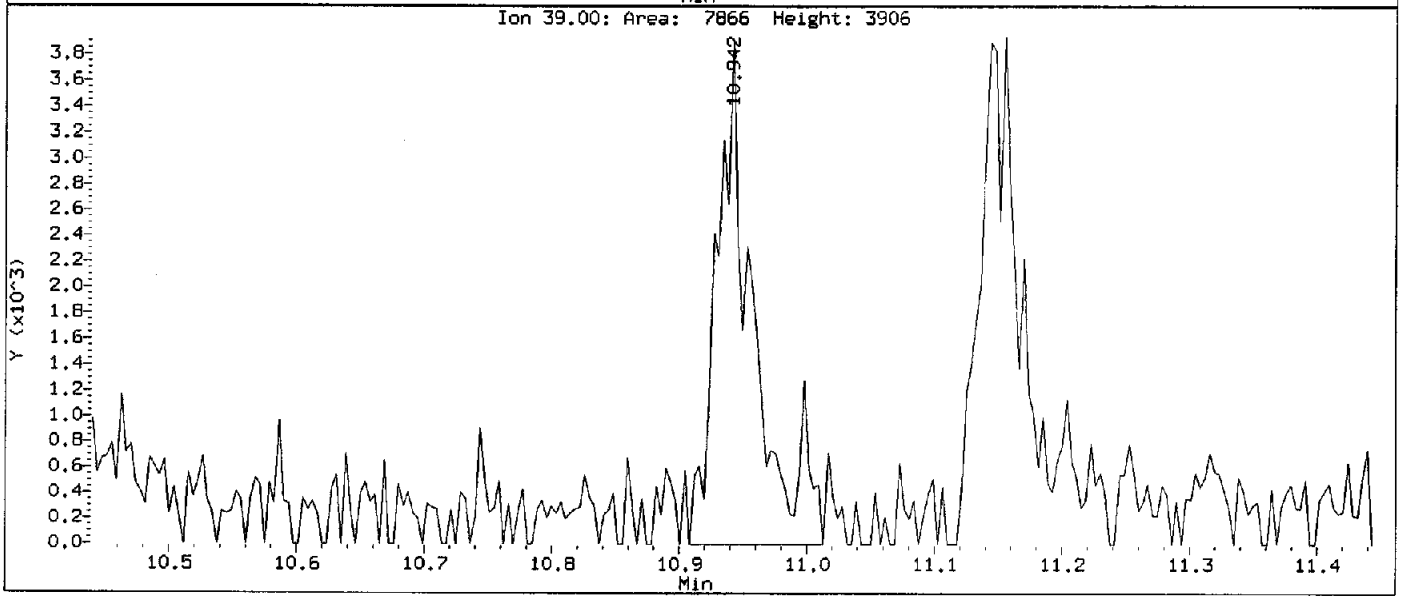
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: cis-1,3-Dichloropropene
CAS Number: 10061-01-5







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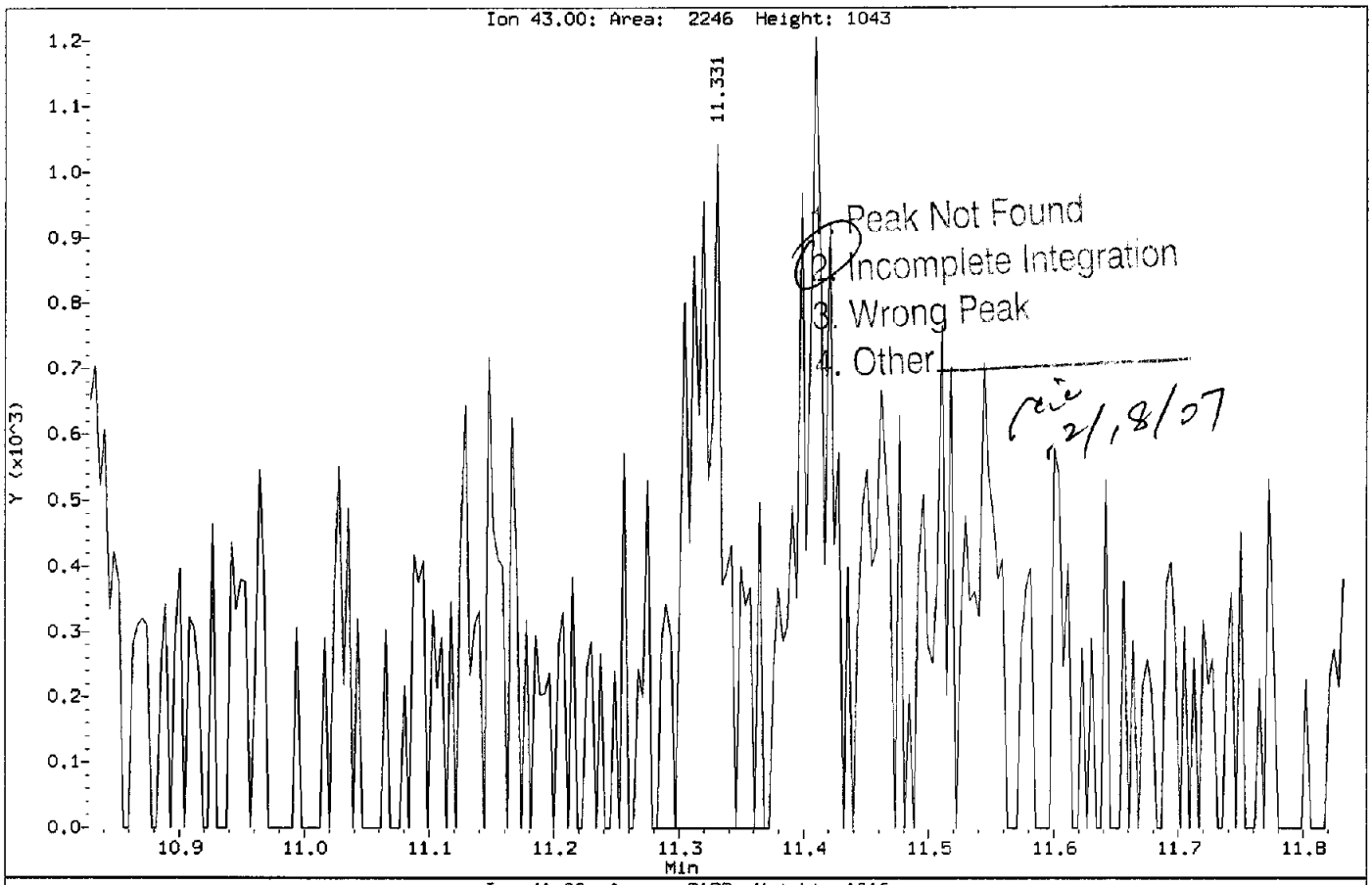
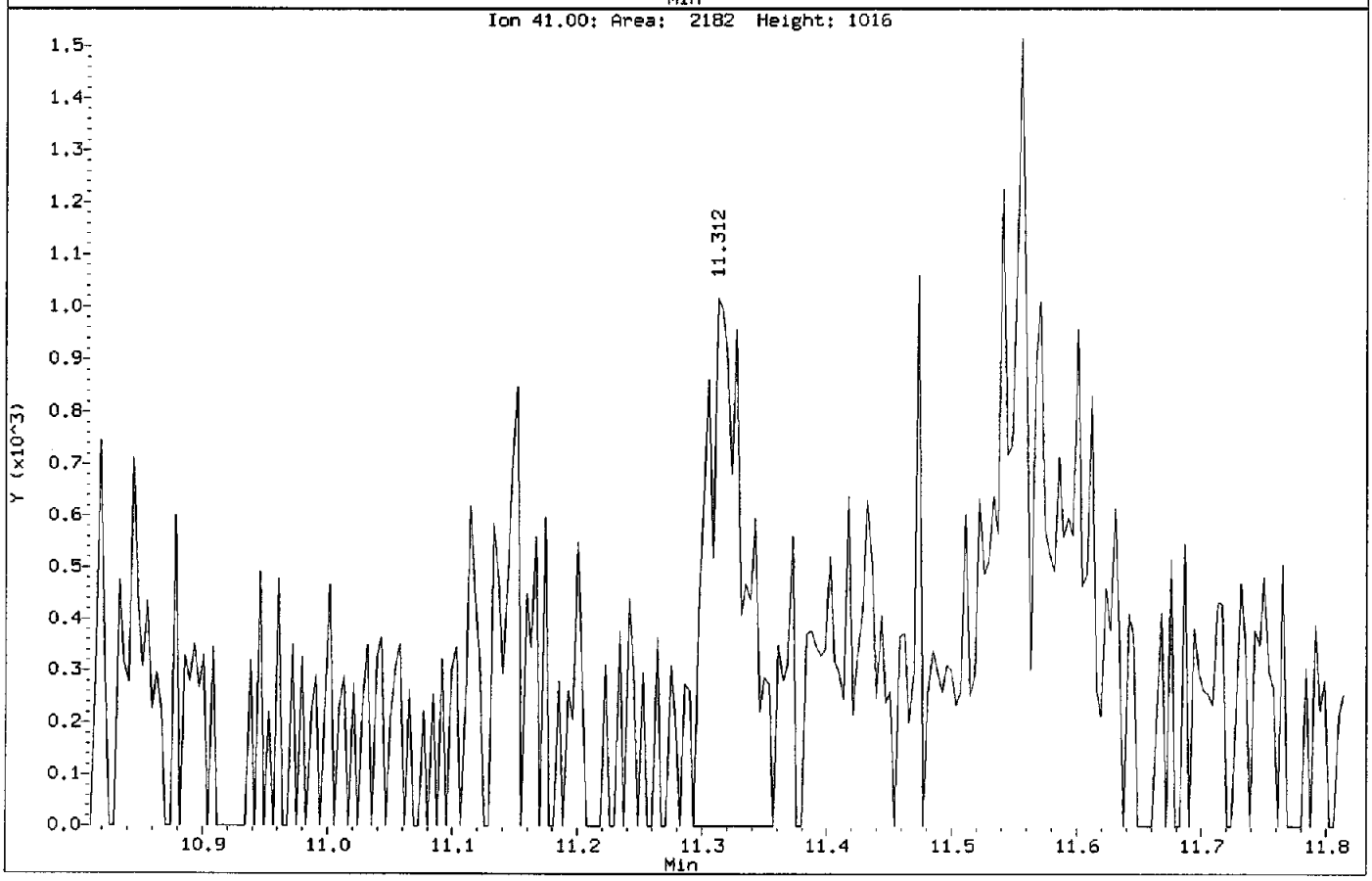
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 2-Nitro-Propane
CAS Number: 79-46-9





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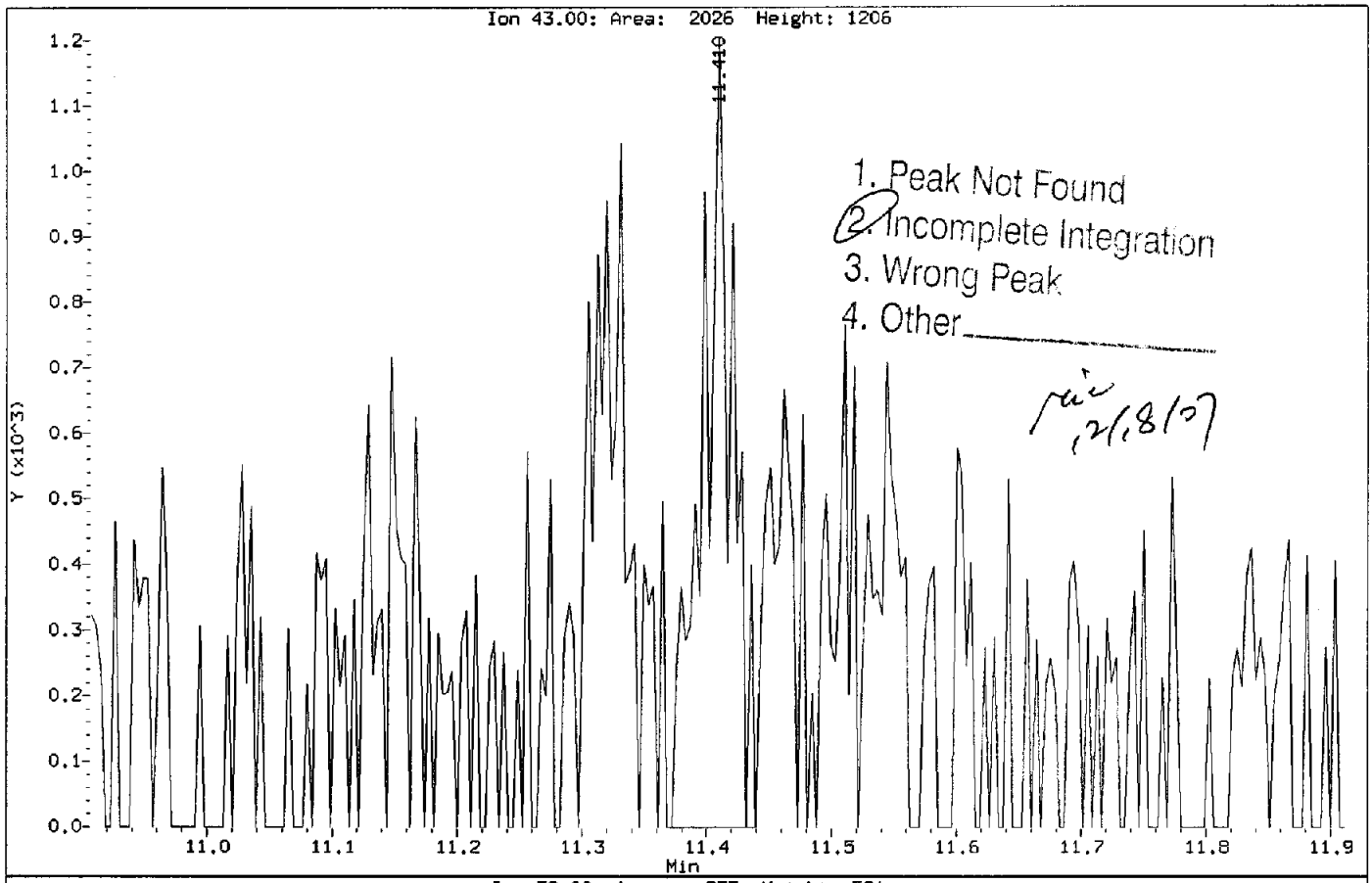
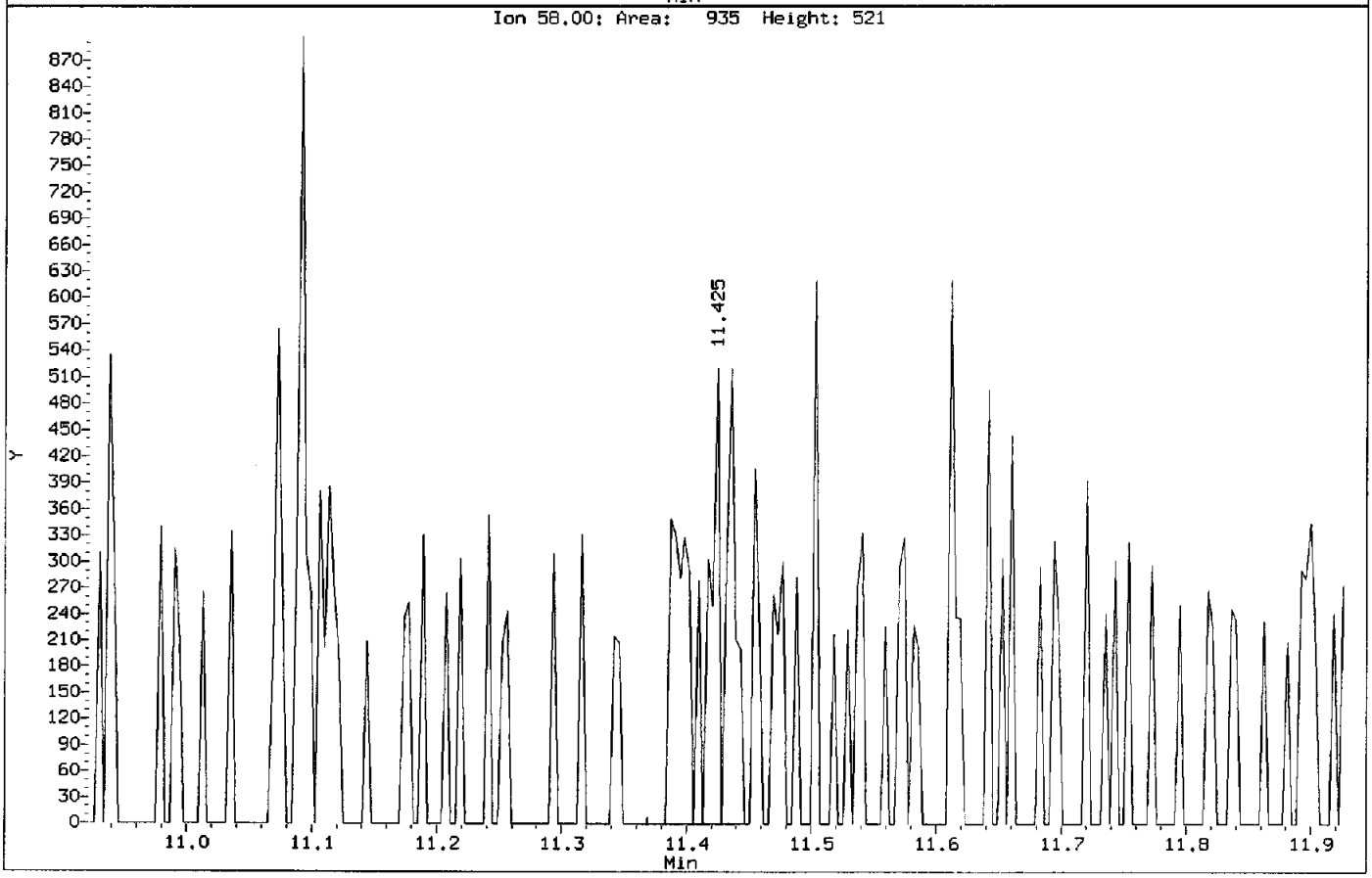
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 4-Methyl-2-pentanone
CAS Number: 108-10-1





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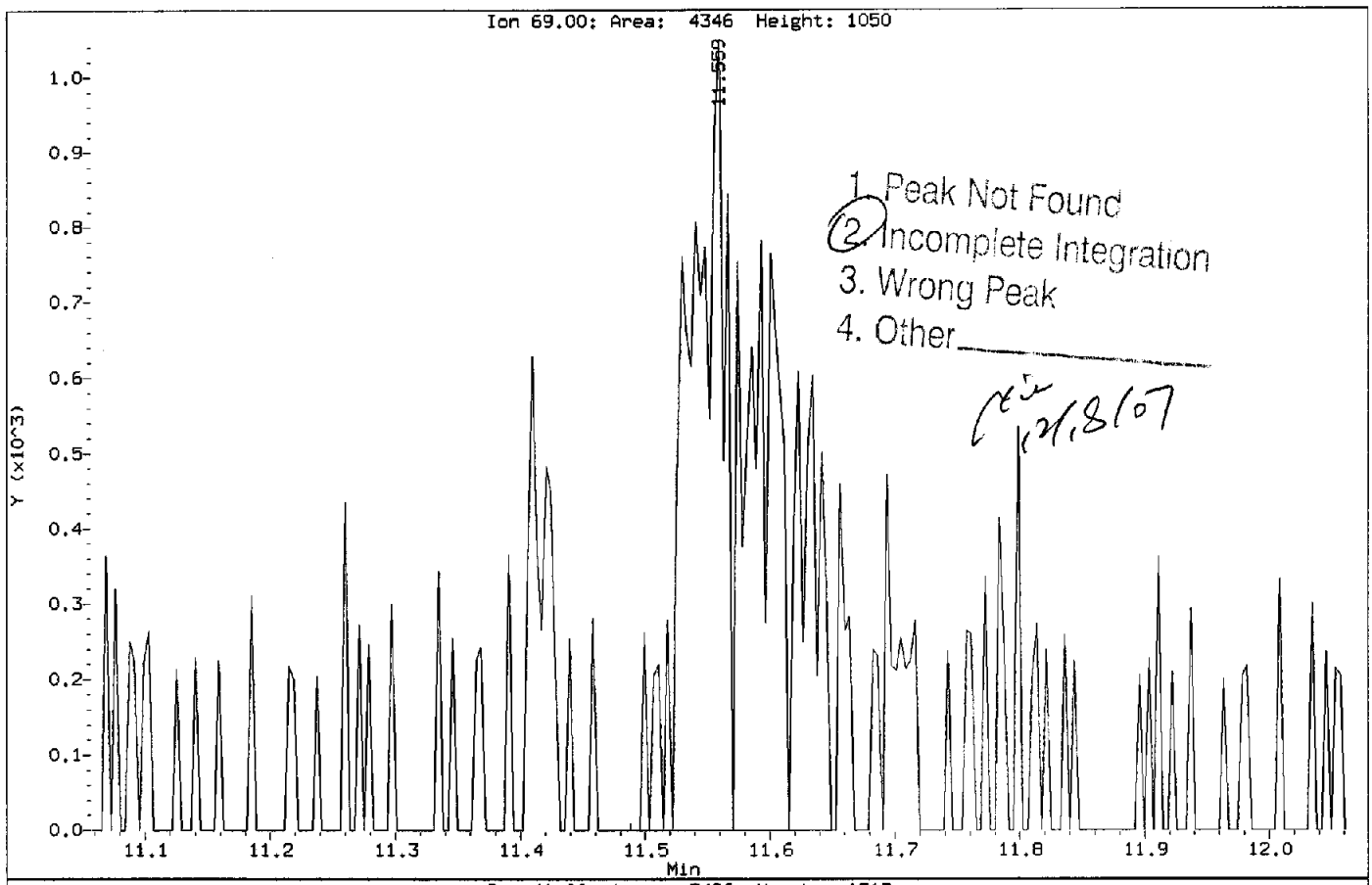
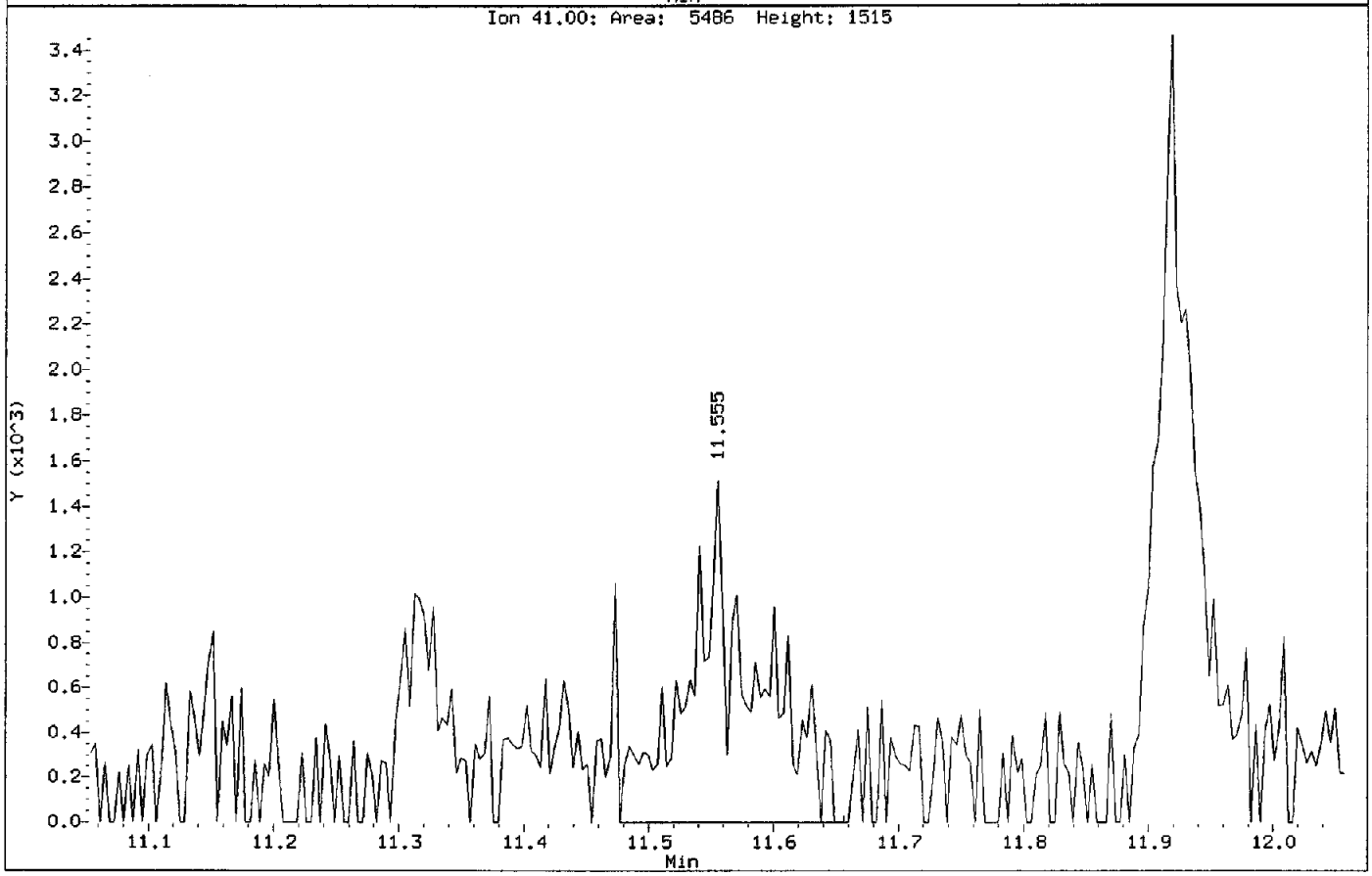
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Ethyl methacrylate
CAS Number: 97-63-2





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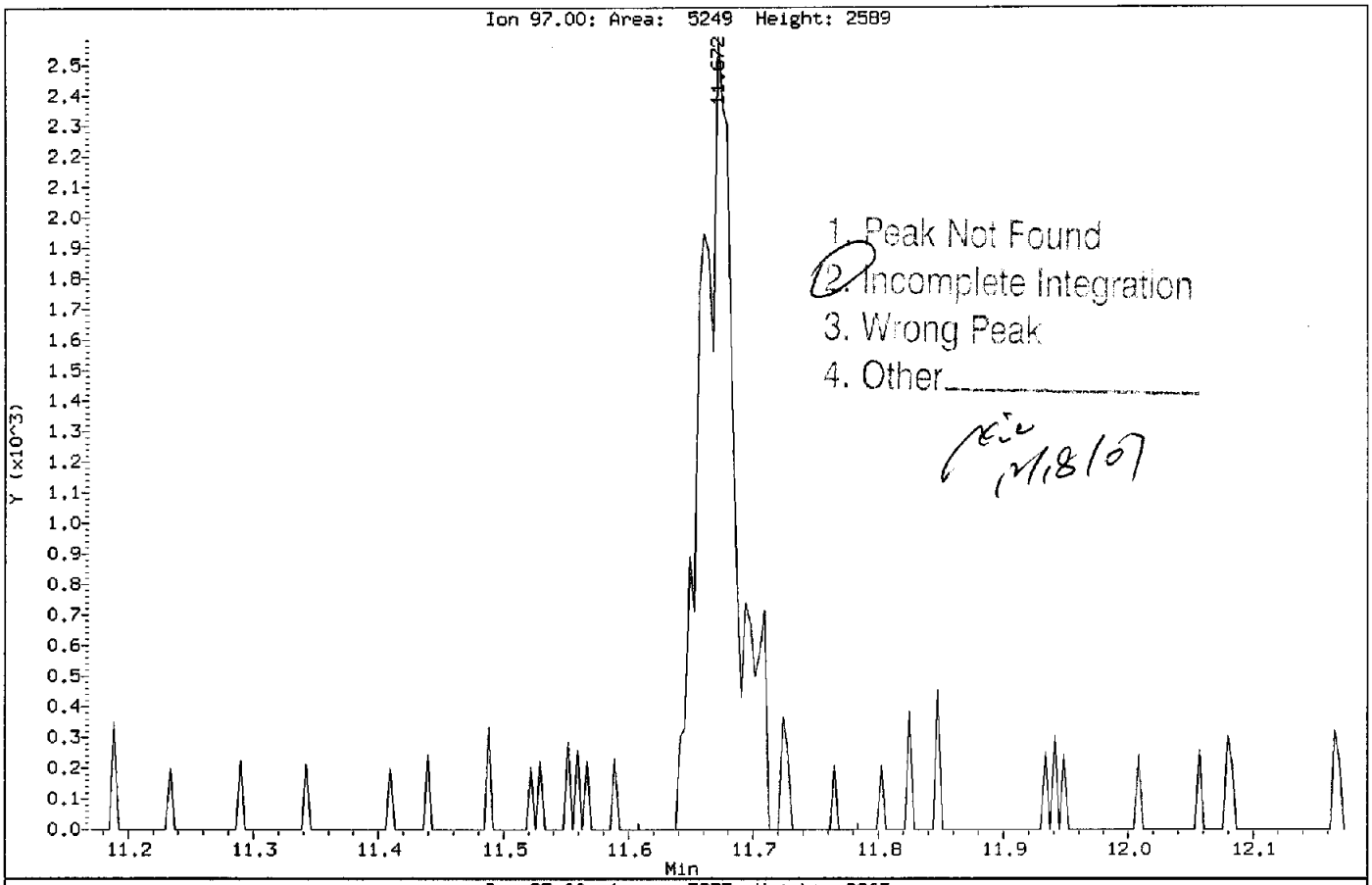
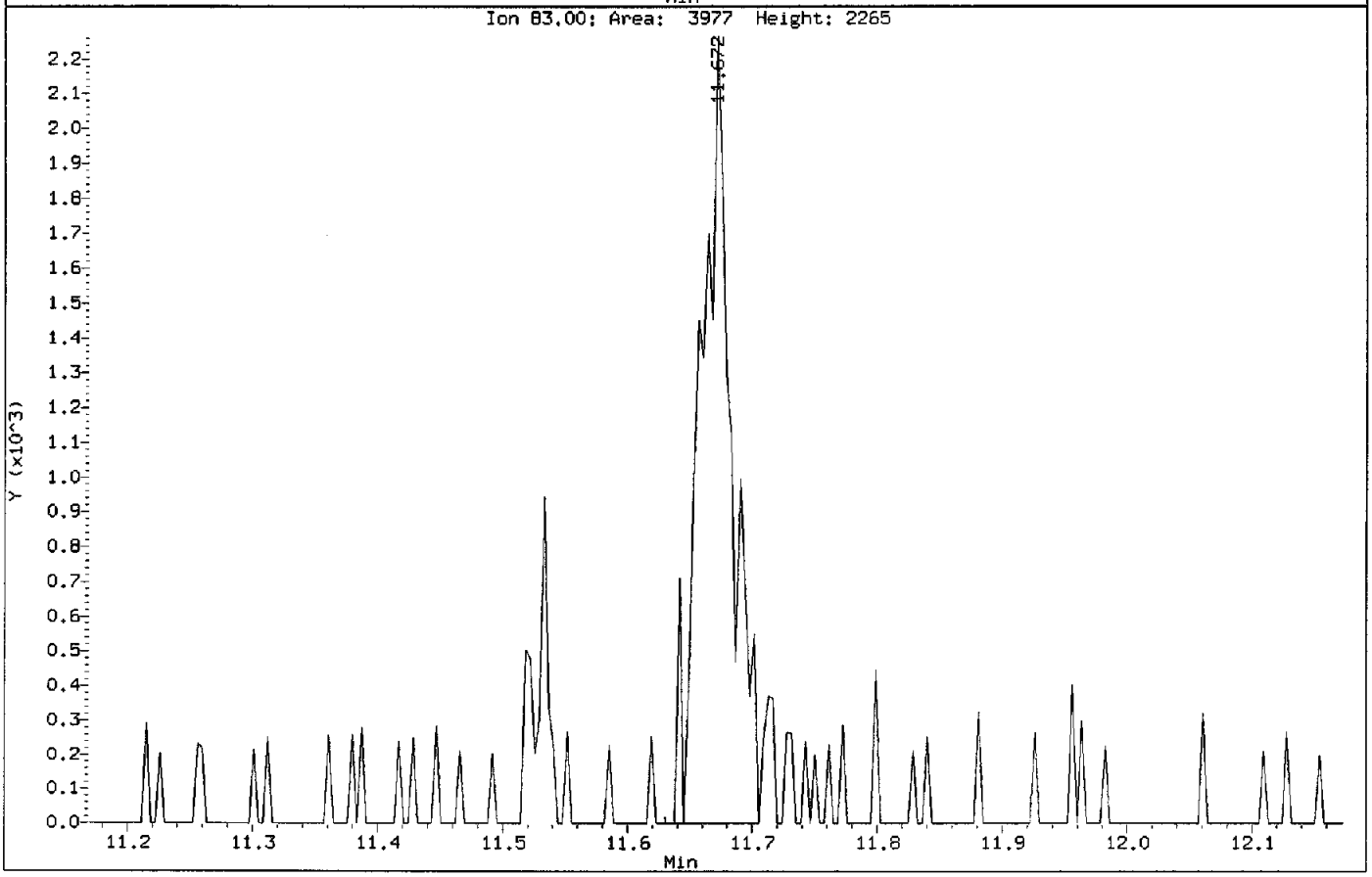
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,1,2-Trichloroethane
CAS Number: 79-00-5





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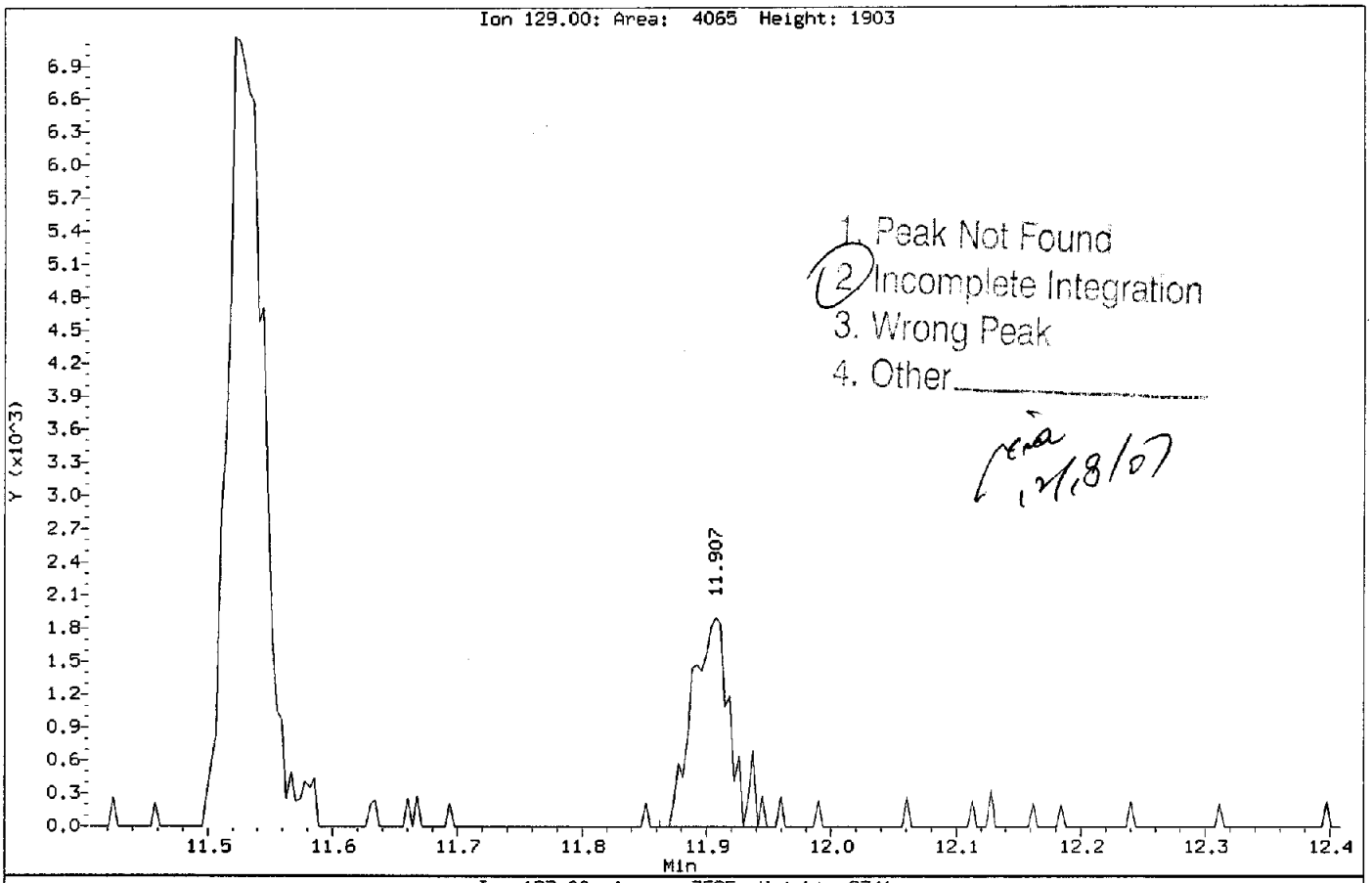
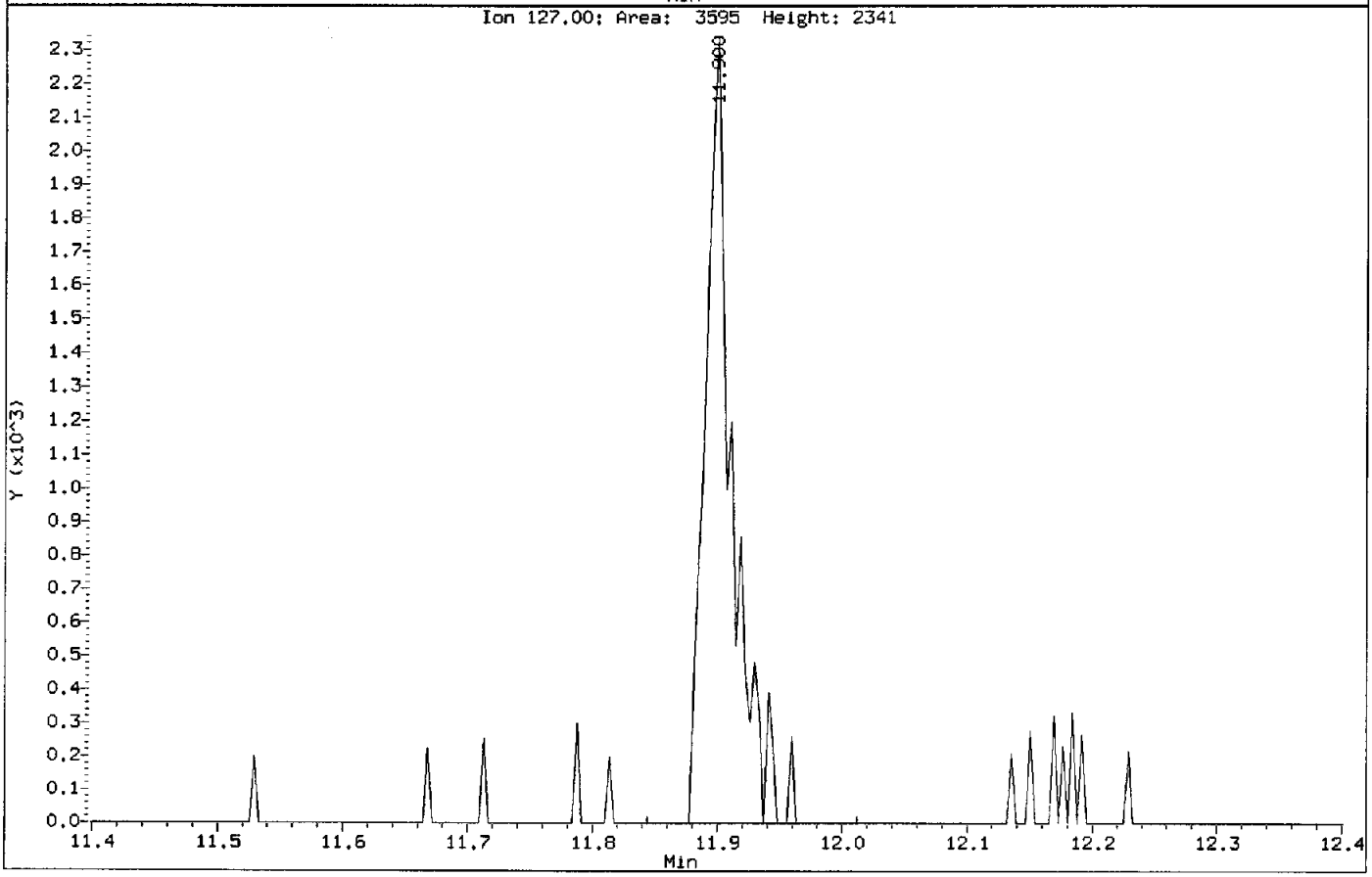
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Chlorodibromomethane
CAS Number: 124-48-1





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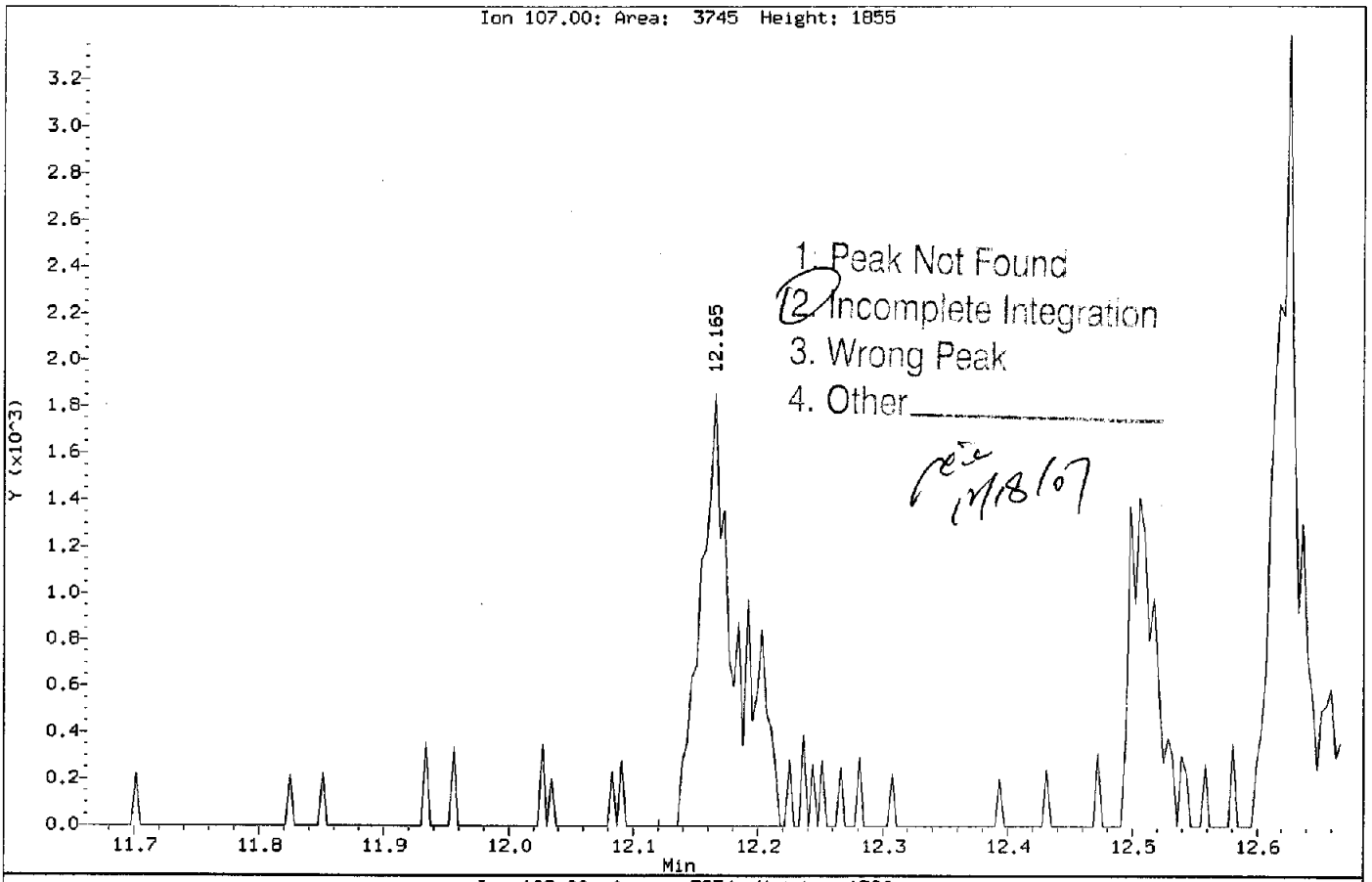
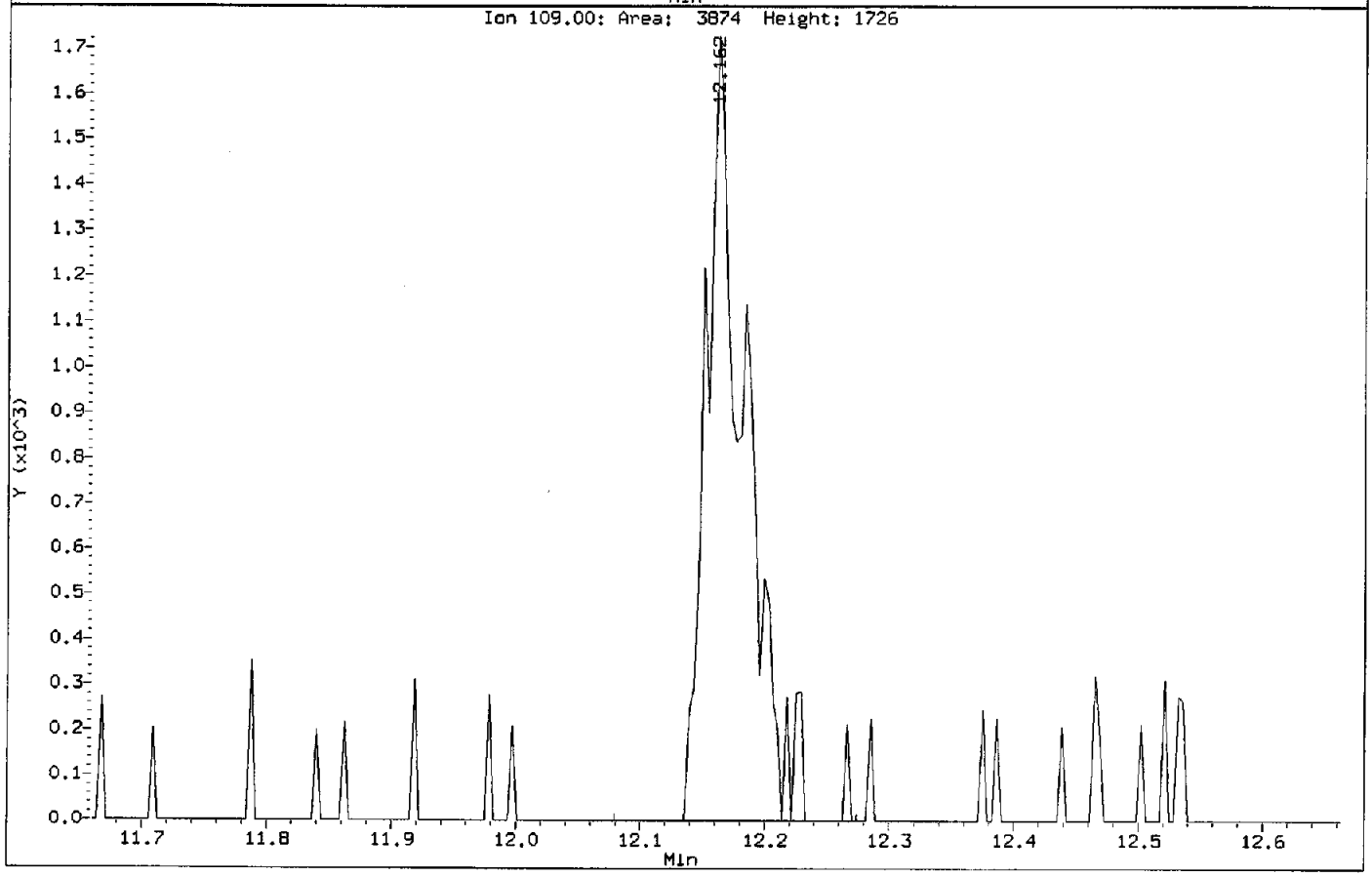
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,2-Dibromoethane
CAS Number: 106-93-4





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Injection Date: 17-DEC-2007 16:42
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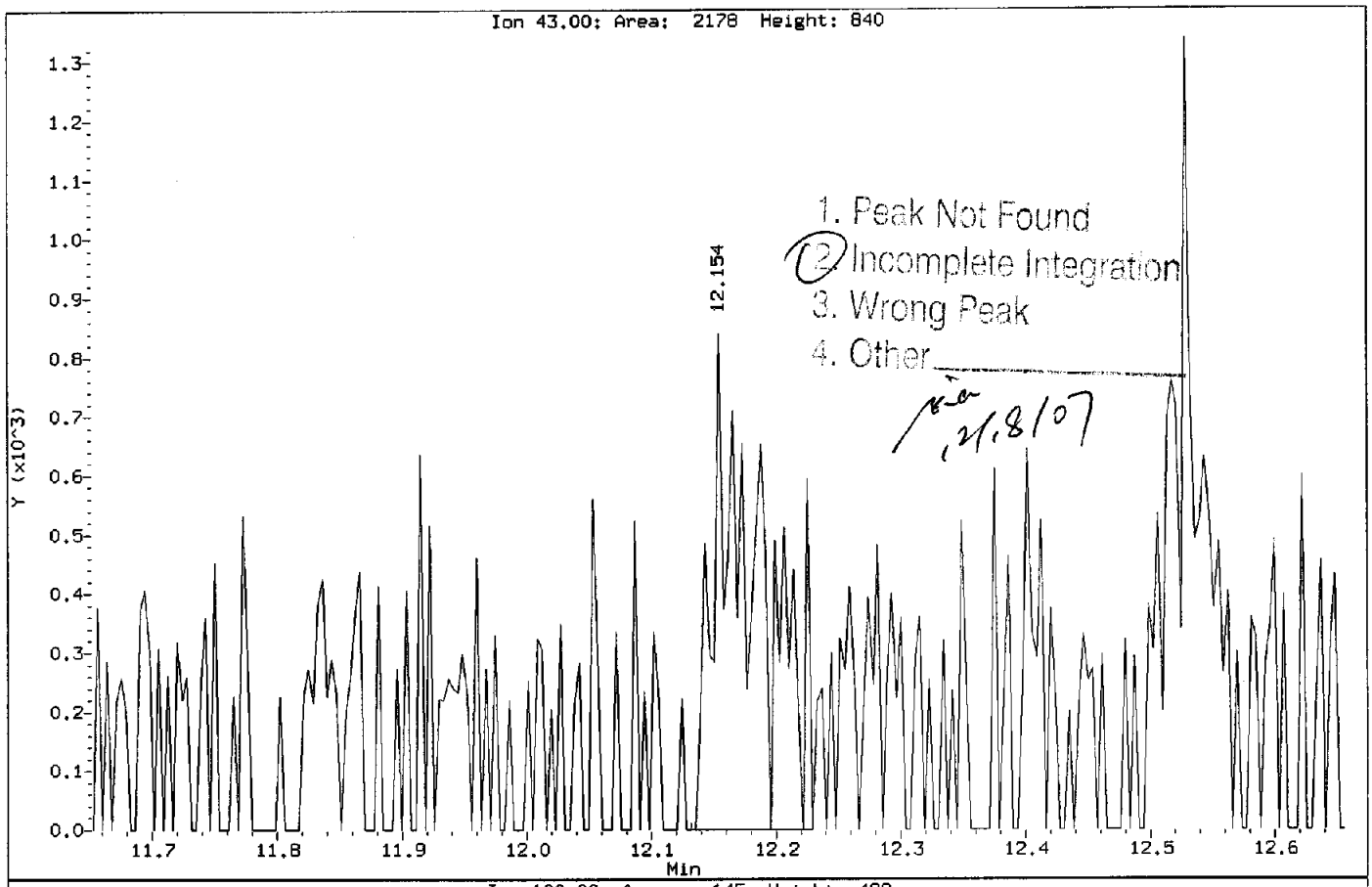
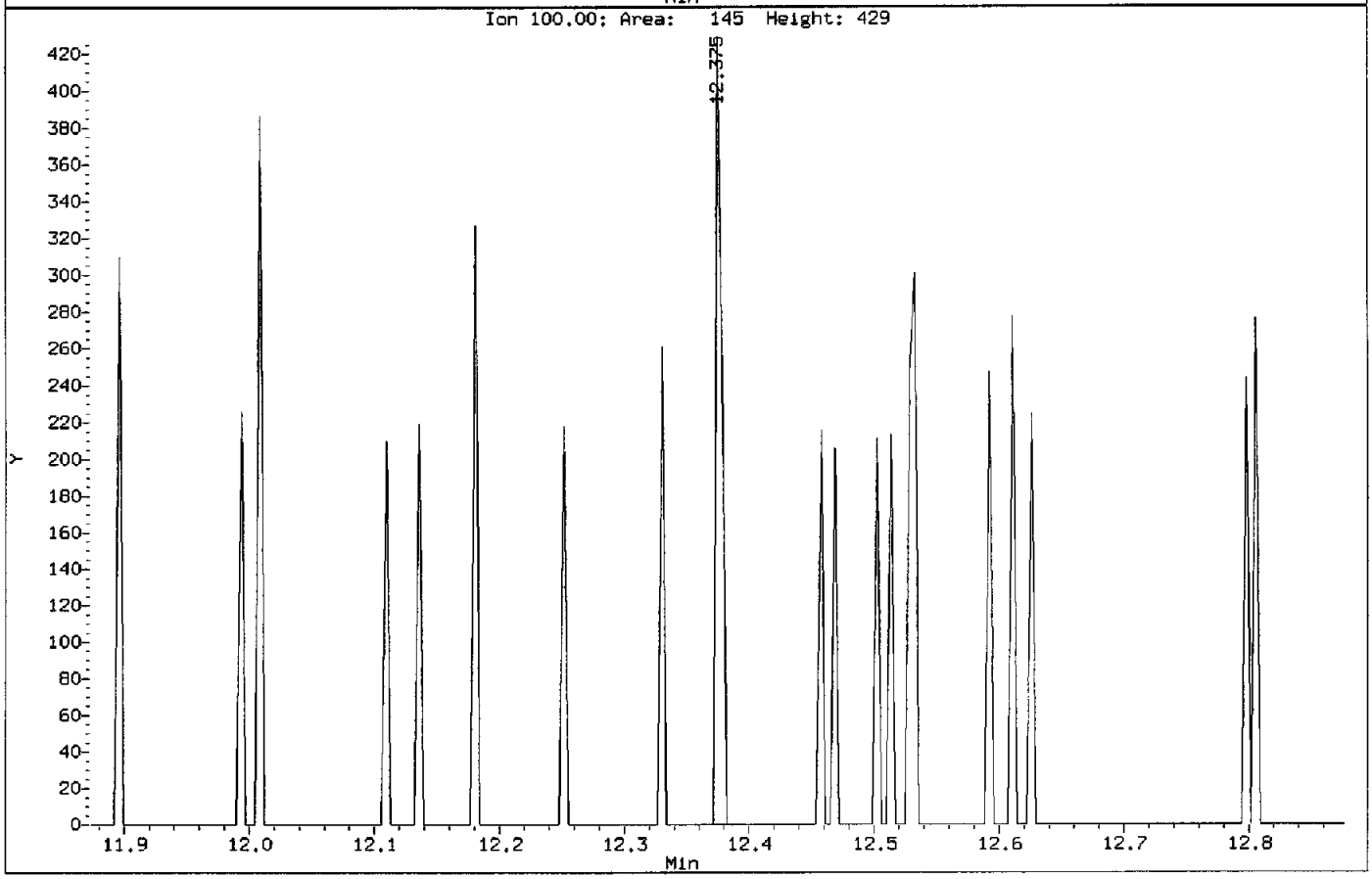
Client Sample ID: VSTD0.5

Compound: 2-Hexanone
CAS Number: 591-78-6





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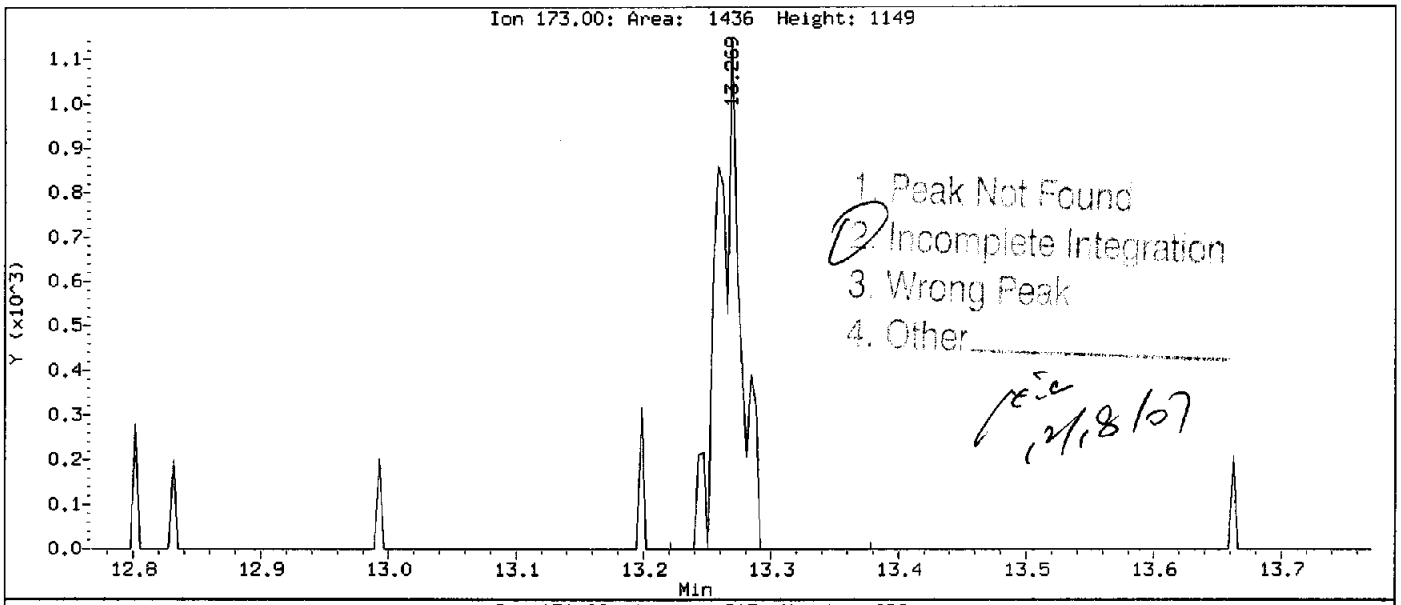
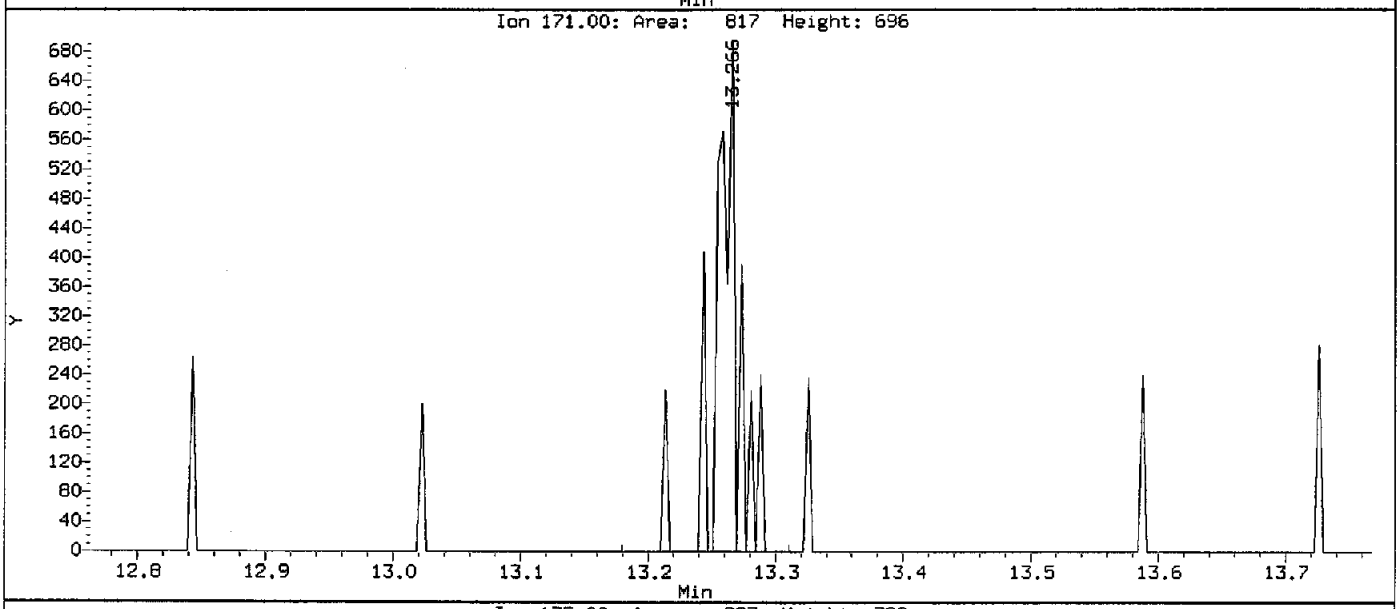
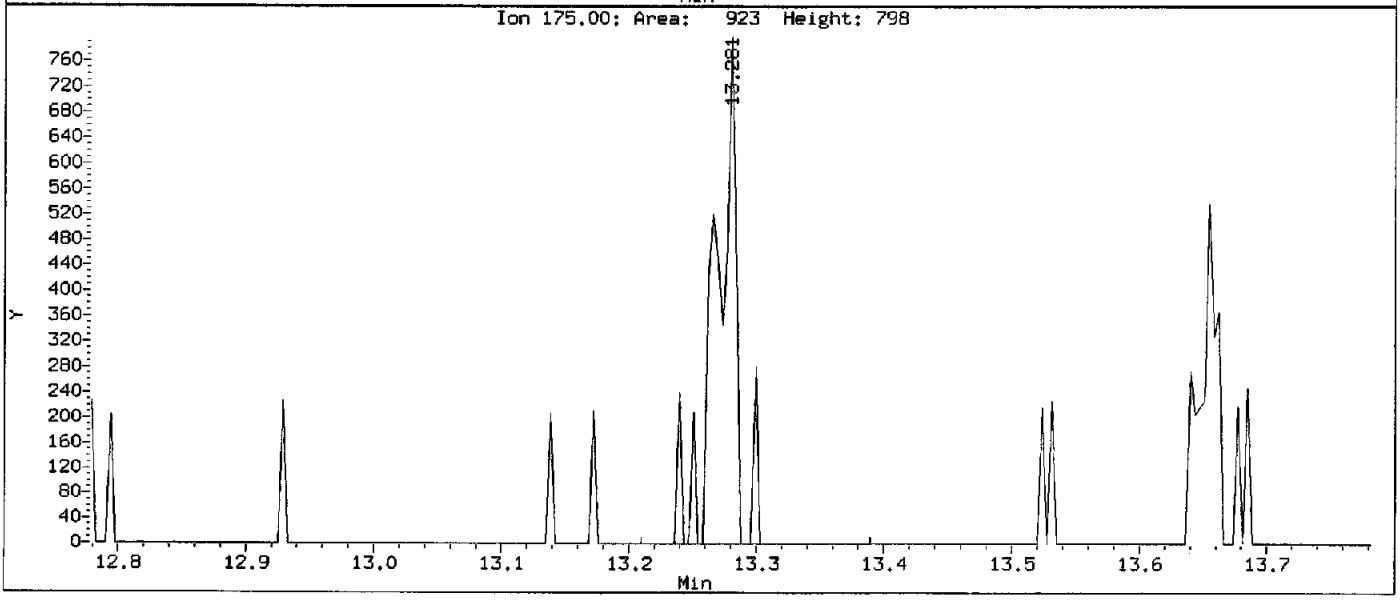
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Bromoform
CAS Number: 75-25-2







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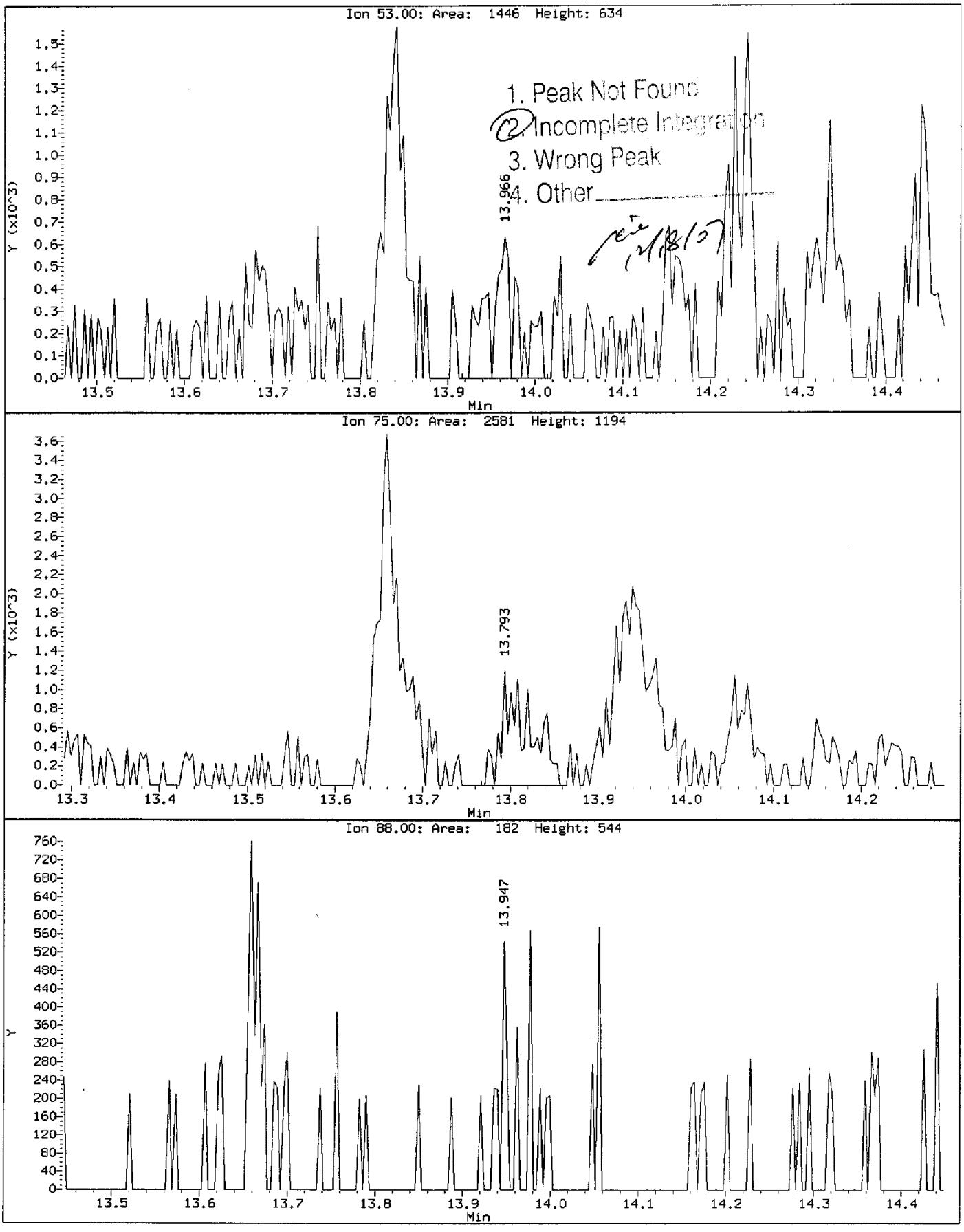
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: trans-1,4-dichloro-2-butene
CAS Number: 110-57-6



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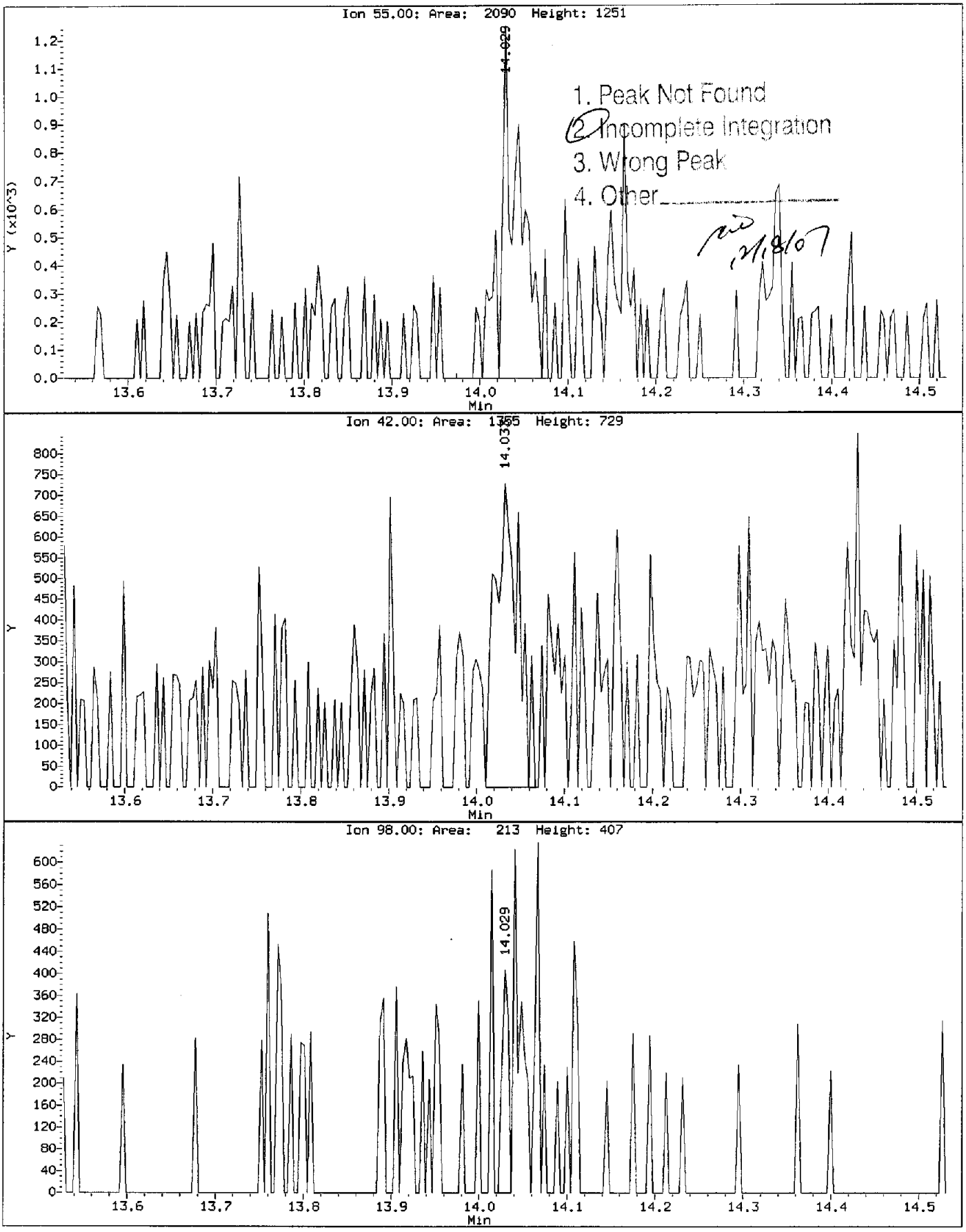
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Cyclohexanone
CAS Number: 108-94-1



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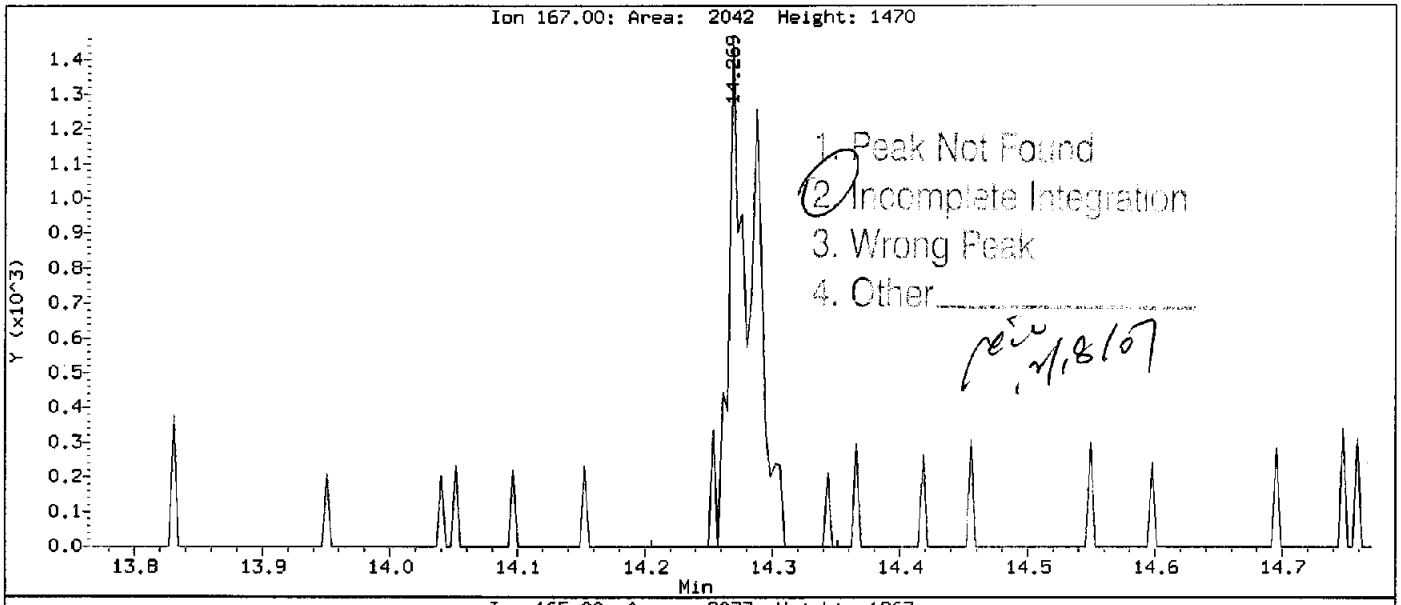
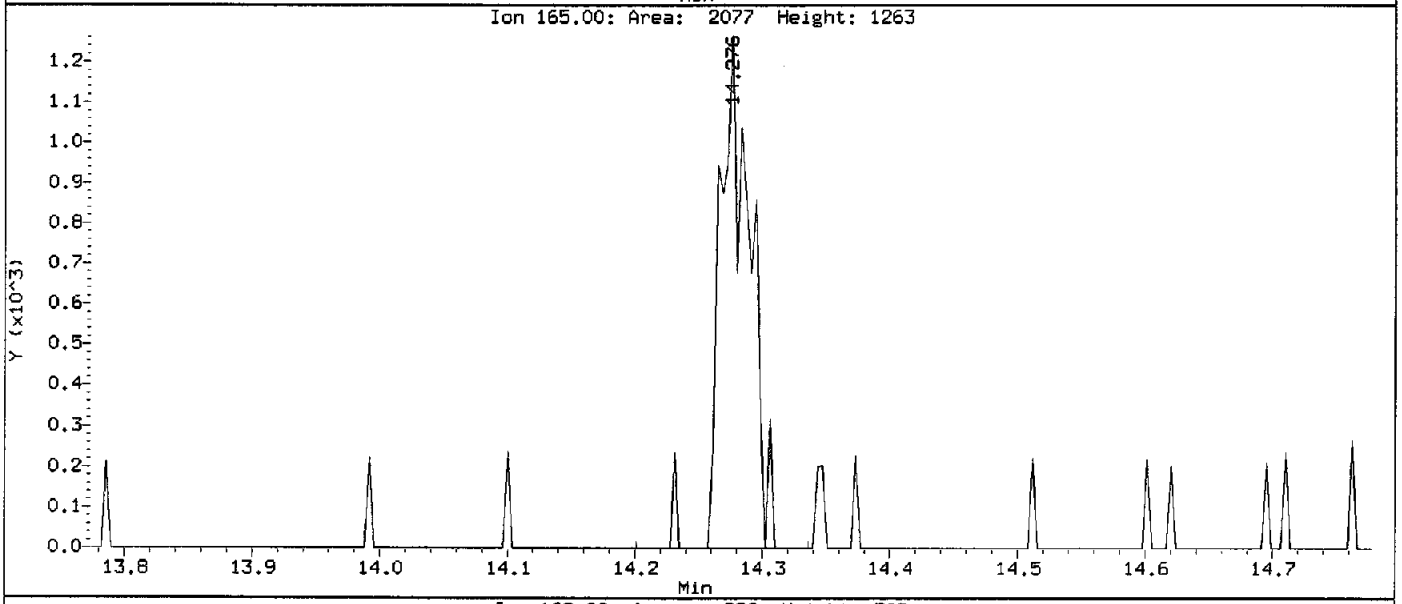
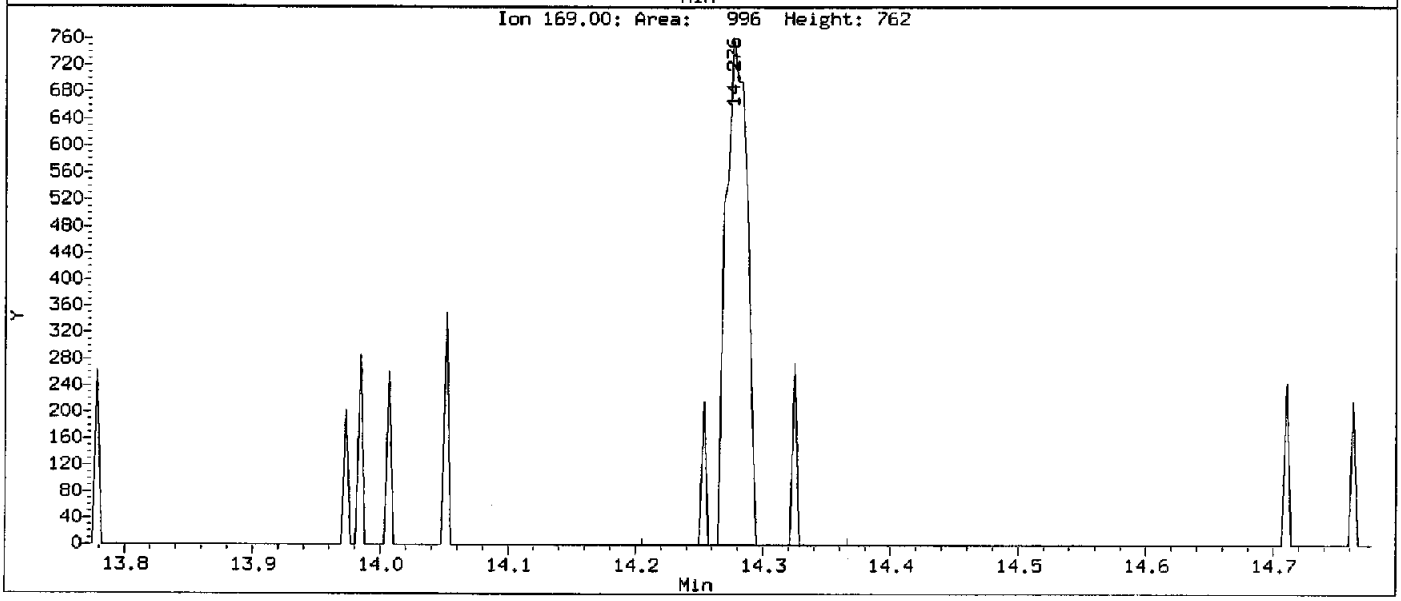
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Pentachloroethane
CAS Number: 76-01-7







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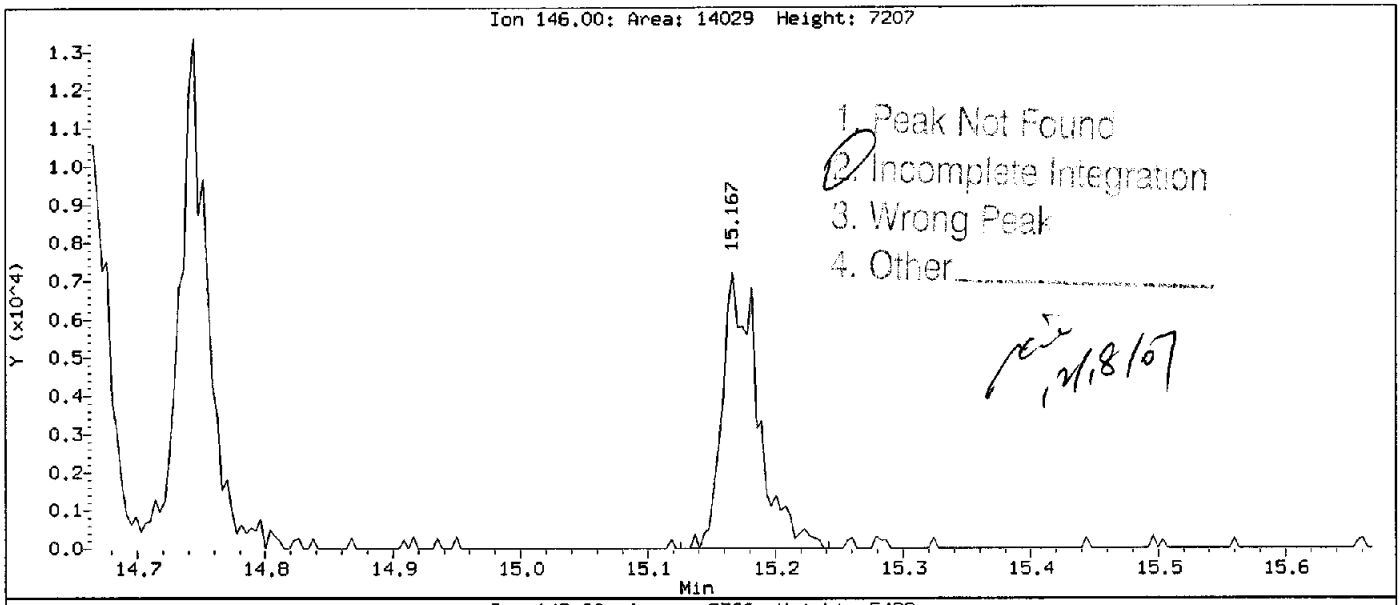
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,2-Dichlorobenzene
CAS Number: 95-50-1



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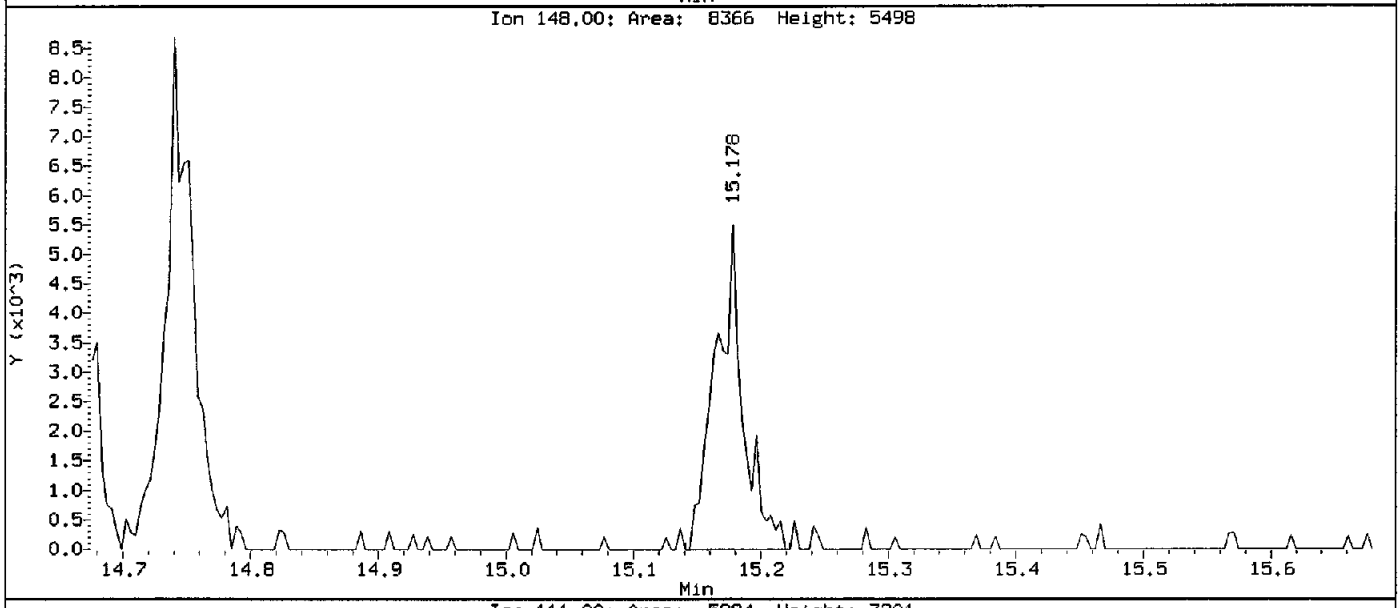
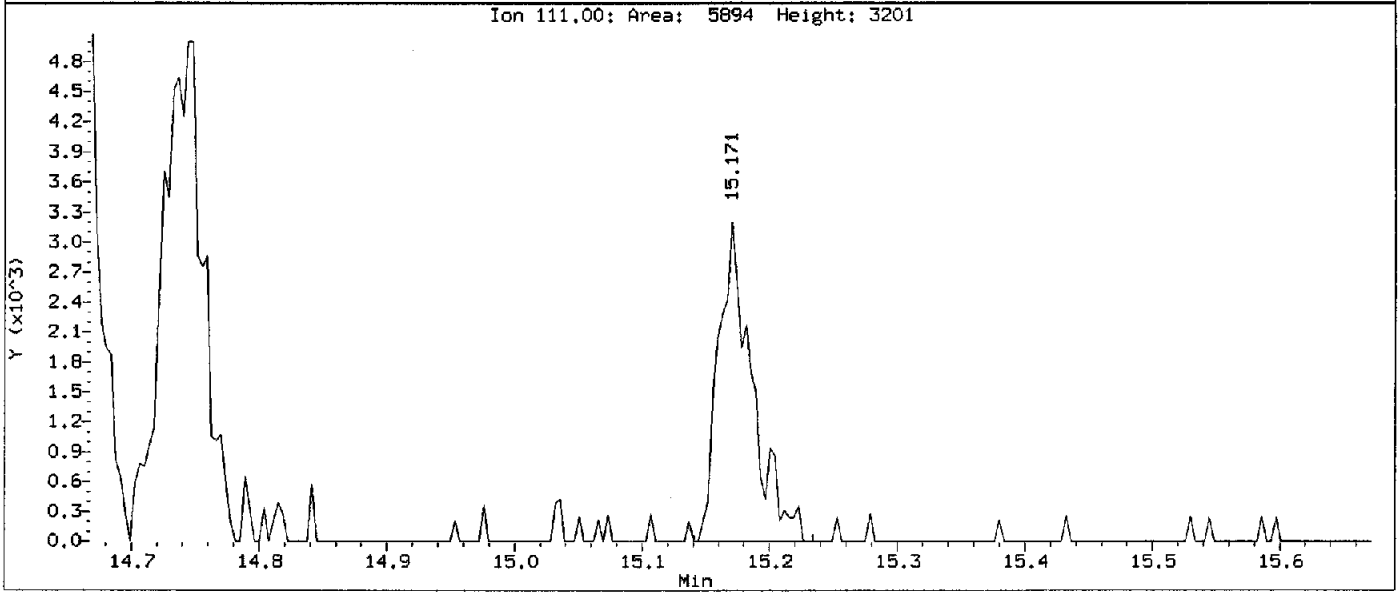
2. Incomplete Integration
3. Wrong Peak
4. Other_____

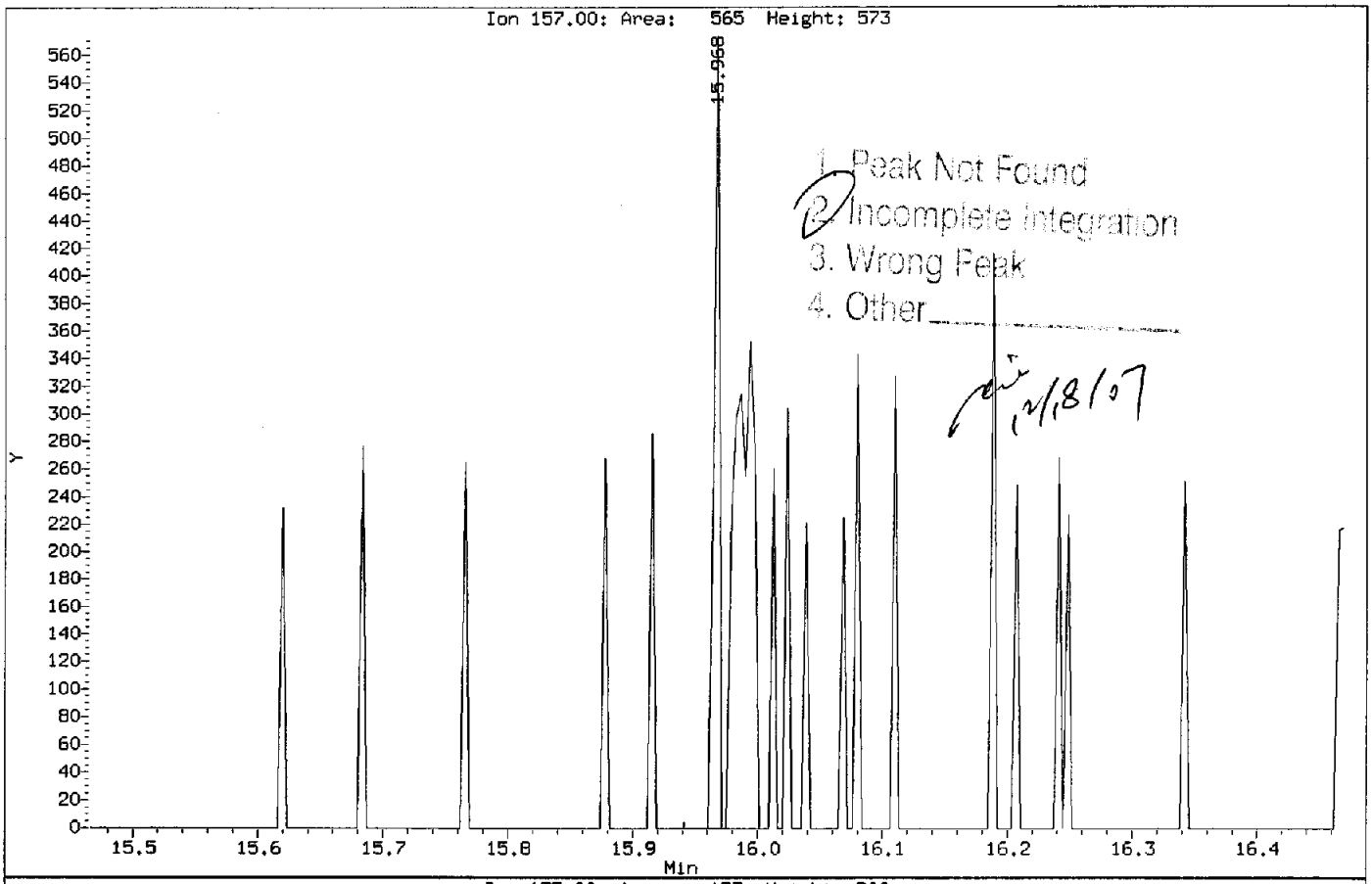
12/18/07

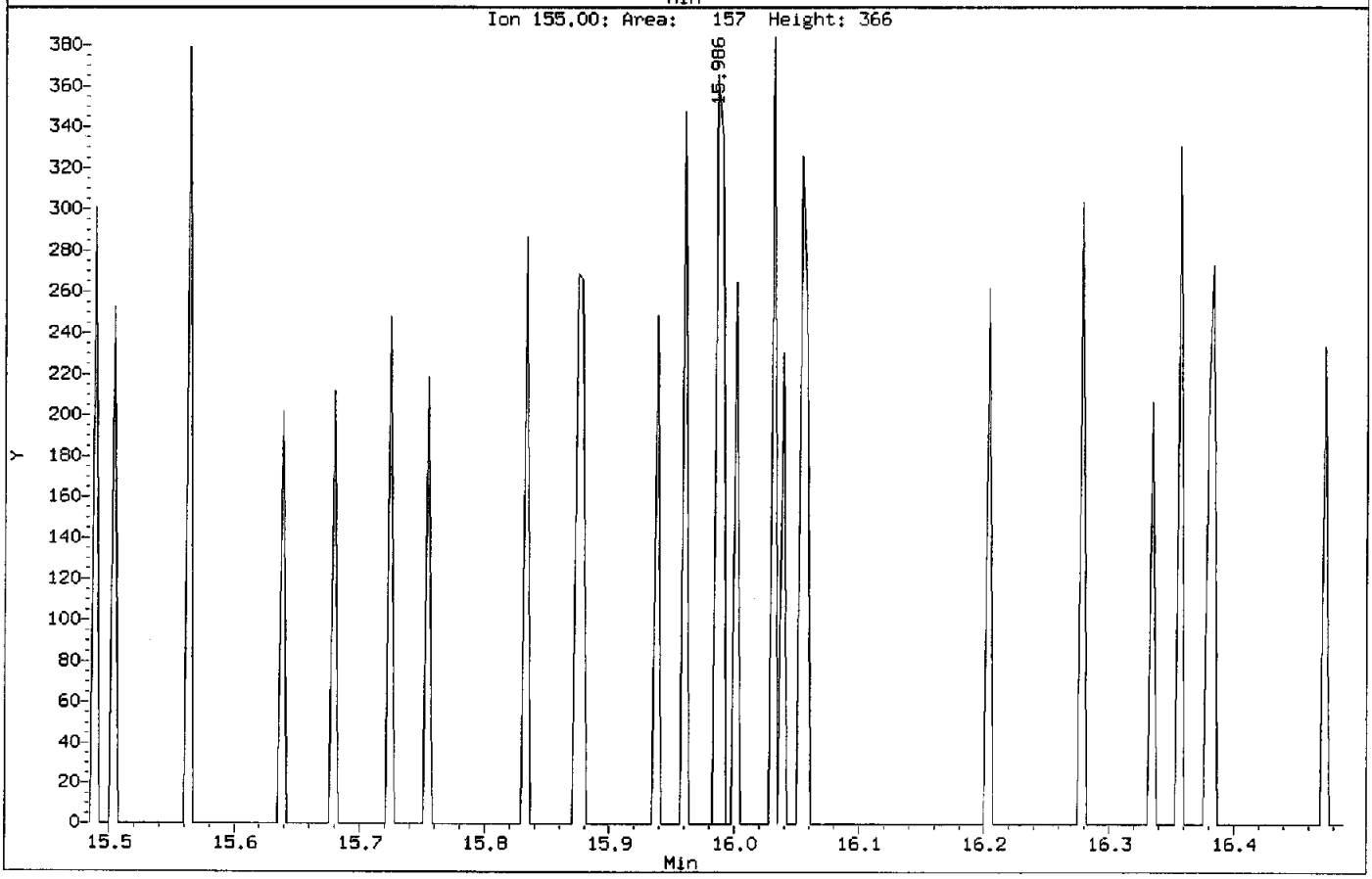




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,2-Dibromo-3-chloropropane
CAS Number: 96-12-8





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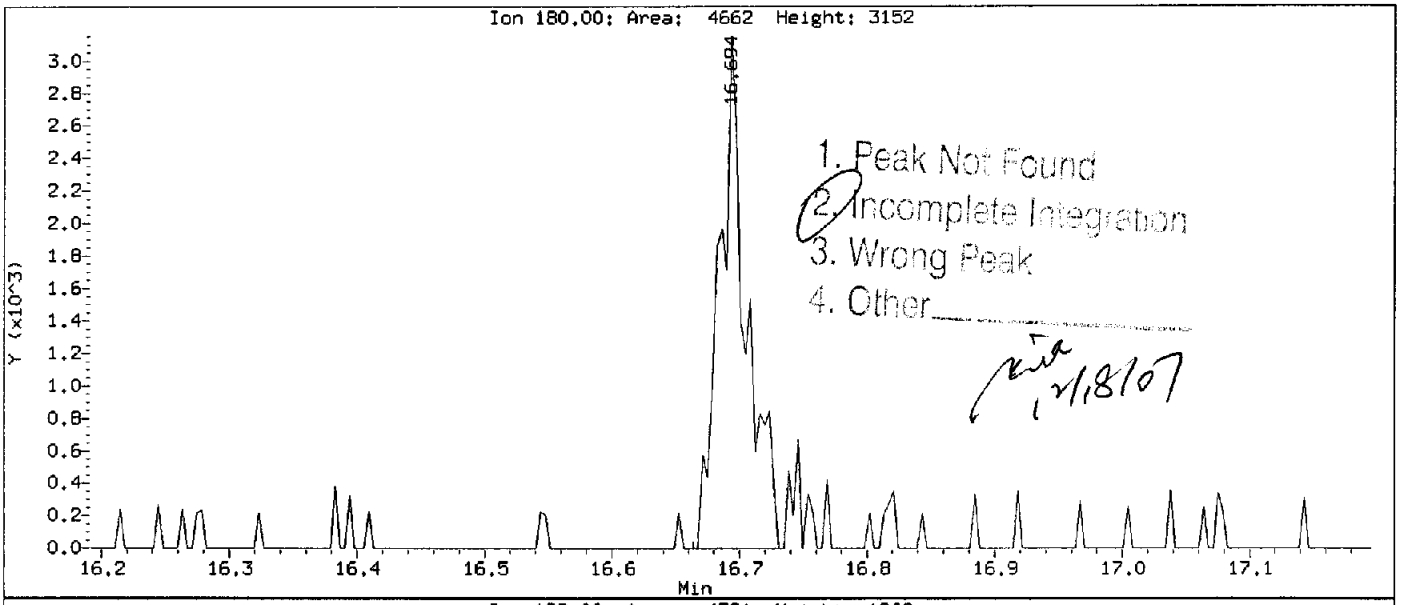
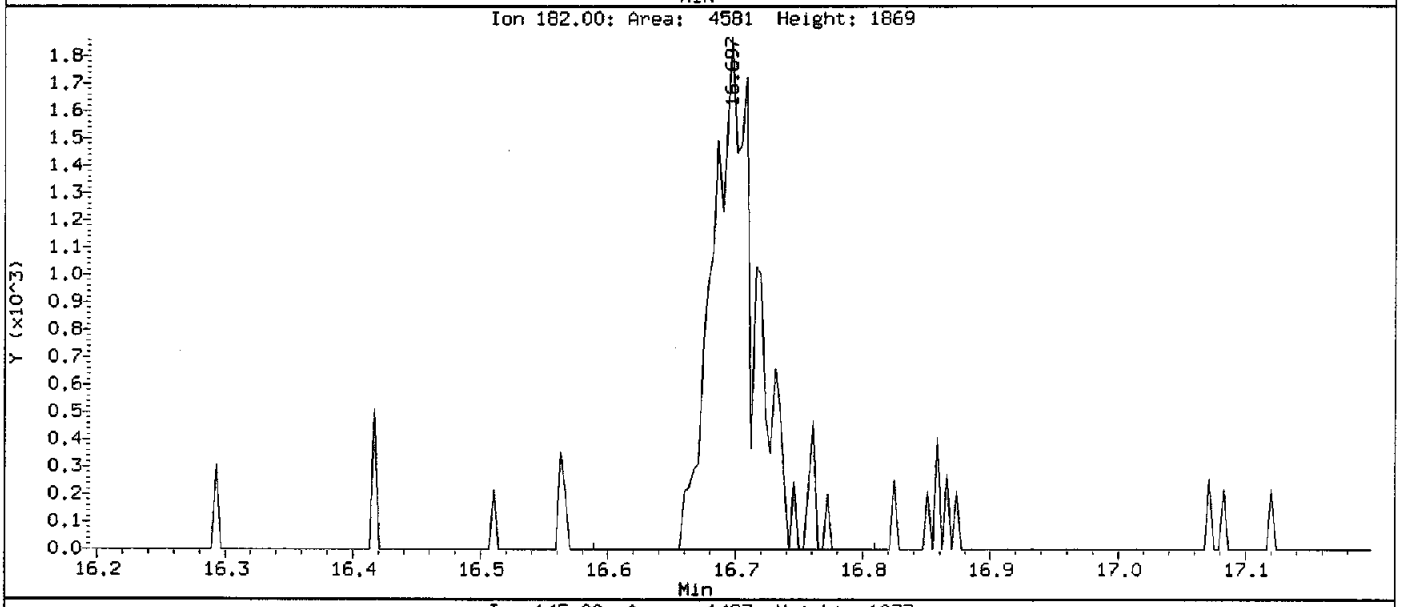
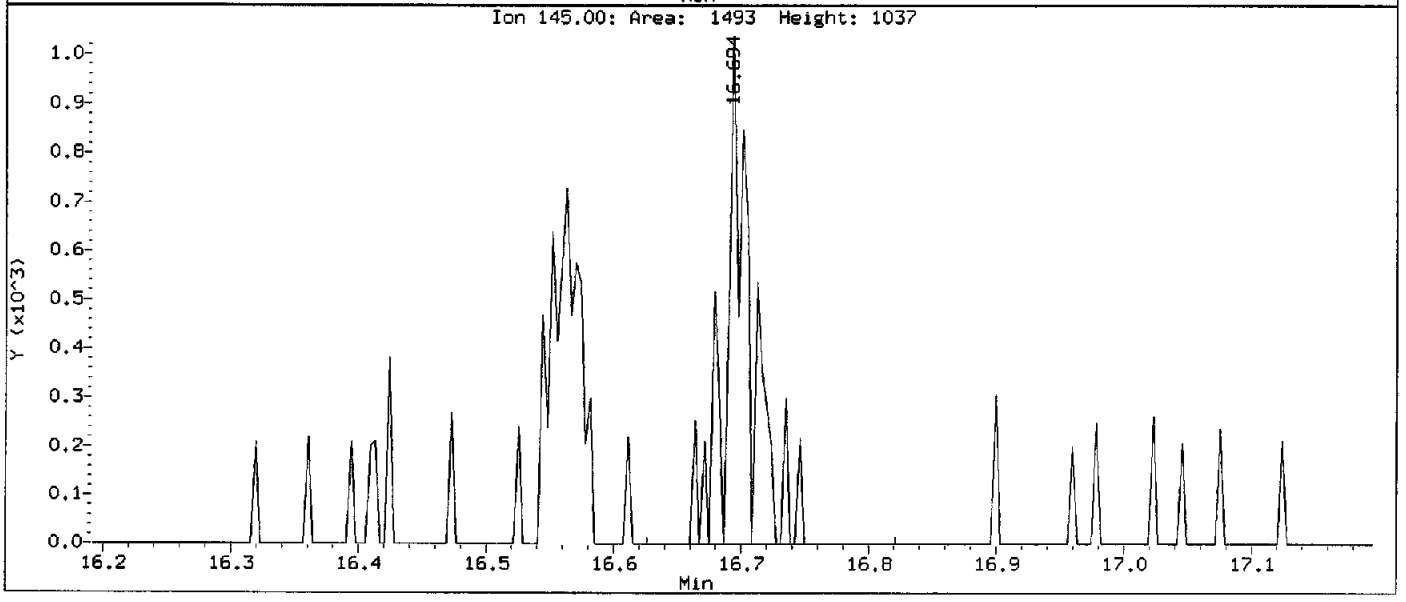
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,2,4-Trichlorobenzene
CAS Number: 120-82-1







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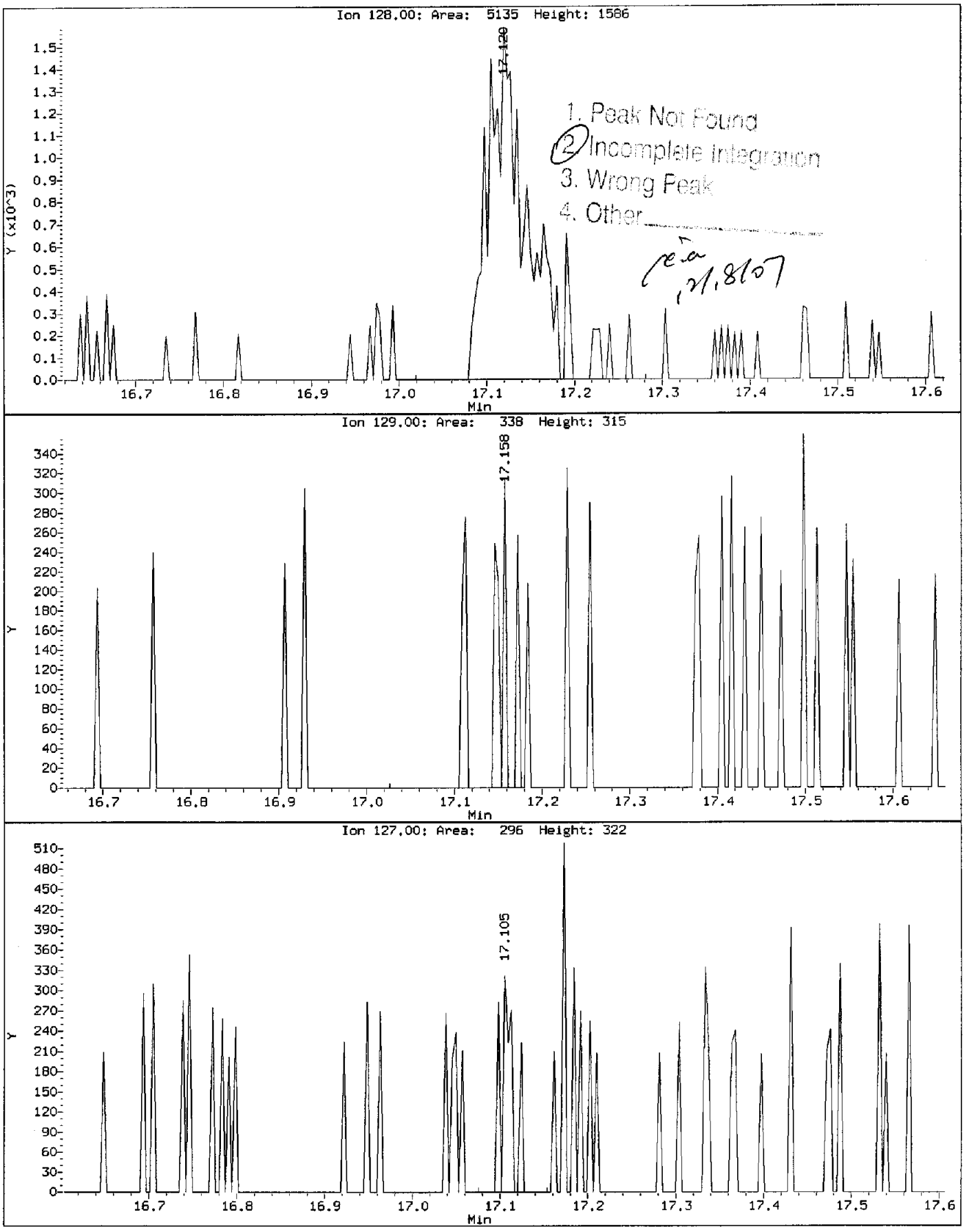
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Naphthalene
CAS Number: 91-20-3



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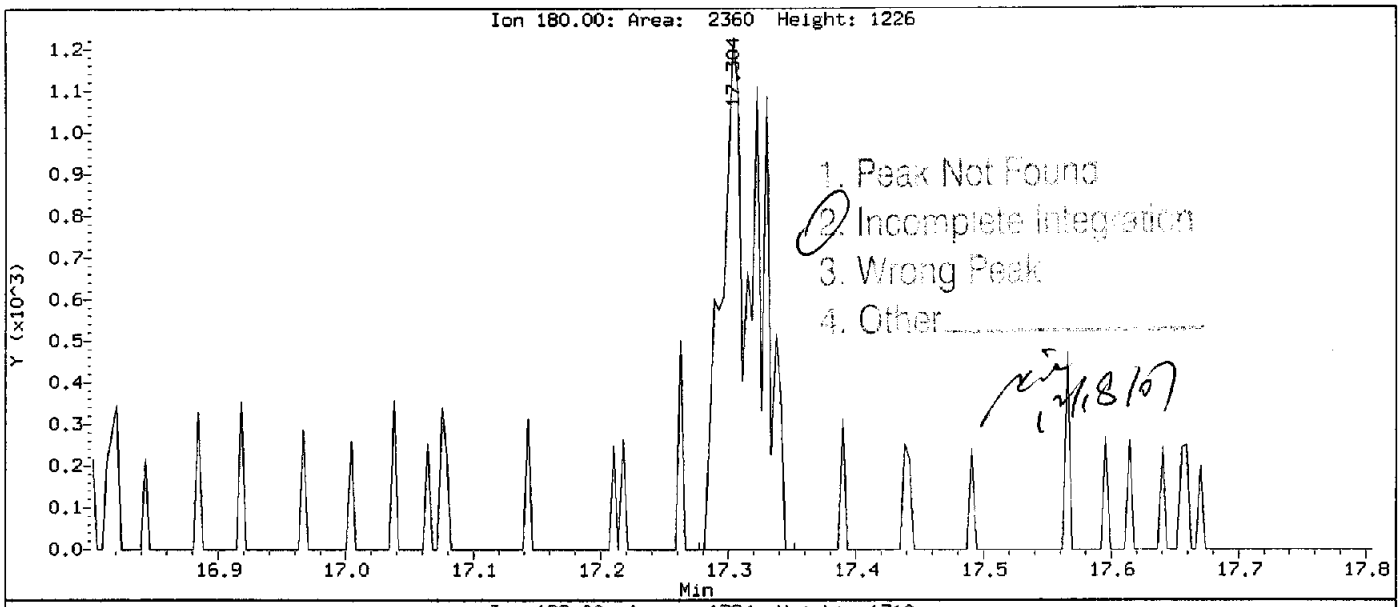
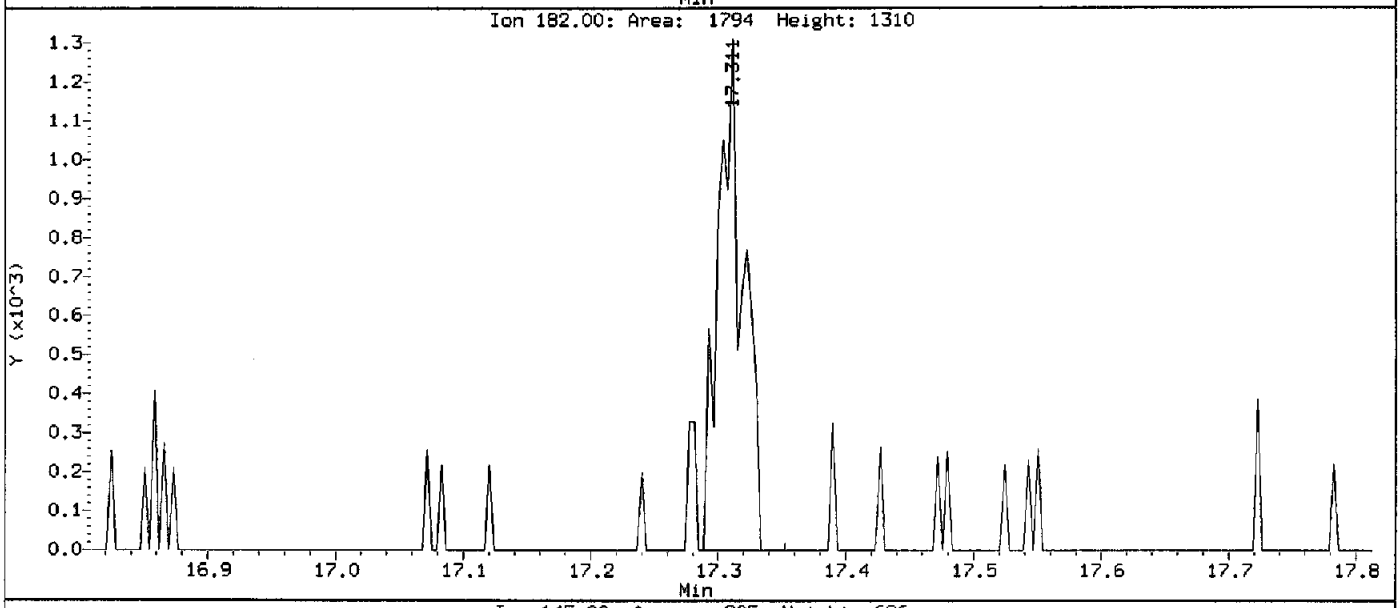
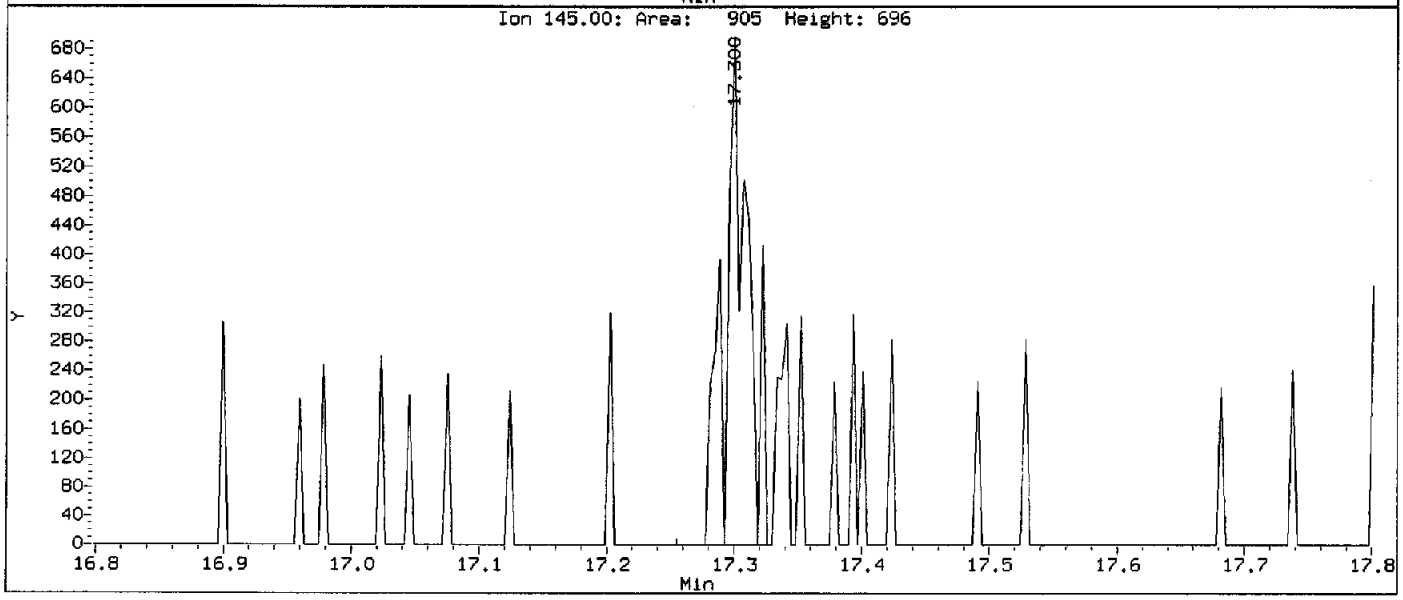
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,2,3-Trichlorobenzene
CAS Number: 87-61-6







Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Lab Smp Id: VSTD20 Client Smp ID: VSTD20
Inj Date : 17-DEC-2007 17:07
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD20;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 11:25 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:07 Cal File: LCAL7331.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.460	3.460	(0.358)	558104	20.0000	17.63
	2 Freon-114	135	3.741	3.741	(0.387)	124934	20.0000	16.77
	3 Chloromethane	50	3.902	3.902	(0.403)	1018261	20.0000	17.69
	4 Vinyl Chloride	62	4.097	4.097	(0.424)	850758	20.0000	17.46
	5 Bromomethane	94	4.800	4.800	(0.496)	541733	20.0000	18.98
	6 Chloroethane	64	5.021	5.021	(0.519)	587913	20.0000	19.97
	7 Trichlorofluoromethane	101	5.279	5.279	(0.546)	803218	20.0000	18.24
	8 Diethyl ether	59	5.792	5.792	(0.599)	330166	40.0000	39.67
	9 1,1-Dichloroethene	96	6.151	6.151	(0.636)	439872	20.0000	18.64
	10 1,1,2-Trichlorofluoroethane	101	6.132	6.132	(0.634)	419401	20.0000	17.59
	11 Carbon Disulfide	76	6.308	6.308	(0.652)	1405930	20.0000	18.13
	12 Iodomethane	142	6.436	6.436	(0.665)	130042	20.0000	15.79
	13 Acrolein	56	6.619	6.619	(0.684)	33714	100.000	86.15(H)
	14 Allyl chloride	39	6.813	6.813	(0.704)	493193	20.0000	18.50
	15 Methylene Chloride	84	6.967	6.967	(0.720)	411429	20.0000	18.70
	16 Acetone	43	6.974	6.974	(0.721)	36533	20.0000	19.33
	17 trans-1,2-Dichloroethene	96	7.180	7.180	(0.742)	533992	20.0000	18.82
	18 n-Hexane	57	7.176	7.176	(0.742)	966226	20.0000	19.29
	19 Methyl Acetate	74	7.124	7.124	(0.737)	37794	20.0000	17.88
	20 MTBE	73	7.214	7.214	(0.746)	499773	20.0000	19.46
M	21 1,2-Dichloroethene (total)	96				1011161	40.0000	38.37
	22 Acetonitrile	41	7.562	7.562	(0.782)	56460	100.000	94.35

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
23	Acrylonitrile	53	7.910	7.910	(0.818)	237334	100.000	108.8
24	1,1-Dichloroethane	63	7.873	7.873	(0.814)	952914	20.0000	19.07
25	2-Chloro-1,3-butadiene	53	7.839	7.839	(0.810)	761321	20.0000	18.92
26	Vinyl acetate	43	8.078	8.078	(0.835)	271825	20.0000	21.49
27	cis-1,2-Dichloroethene	96	8.456	8.456	(0.874)	477169	20.0000	19.55
28	2,2-Dichloropropane	77	8.539	8.539	(0.883)	747927	20.0000	17.95
29	Bromochloromethane	128	8.700	8.700	(0.899)	104147	20.0000	18.38
30	Cyclohexane	84	8.666	8.666	(0.896)	829626	20.0000	18.92
31	Chloroform	83	8.707	8.707	(0.900)	767305	20.0000	18.75
32	Ethyl acetate	43	8.748	8.748	(0.904)	47538	40.0000	40.16(M)
33	Carbon Tetrachloride	117	8.898	8.898	(0.920)	606167	20.0000	18.12
34	Isobutanol	42	8.890	8.890	(0.919)	149309	400.000	372.6
35	Tetrahydrofuran	71	8.890	8.890	(0.919)	59747	100.000	105.0
$ 36	Dibromofluoromethane	113	8.905	8.905	(0.921)	299747	20.0000	20.45
37	1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	748460	20.0000	18.60
38	2-Butanone	43	8.962	8.962	(0.926)	36597	20.0000	18.30(M)
39	1,1-Dichloropropene	75	9.051	9.051	(0.936)	731899	20.0000	18.77
40	Benzene	78	9.313	9.313	(0.963)	2153515	20.0000	18.82
41	Propionitrile	54	9.276	9.276	(0.959)	71166	100.000	102.1
42	Methacrylonitrile	41	9.283	9.283	(0.960)	360589	100.000	95.79(H)
$ 43	1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	225545	20.0000	19.56
44	1,2-Dichloroethane	62	9.512	9.512	(0.983)	299993	20.0000	19.53
* 45	Fluorobenzene	96	9.673	9.673	(1.000)	988782	10.0000	
46	n-Butanol	56	10.009	10.009	(1.035)	13124	200.000	163.5(M)
47	Methylcyclohexane	55	9.815	9.815	(1.015)	772079	20.0000	18.60
48	Trichloroethene	130	9.852	9.852	(1.019)	513602	20.0000	18.54
49	Dibromomethane	93	10.312	10.312	(1.066)	91262	20.0000	18.44
50	1,2-Dichloropropane	63	10.324	10.324	(1.067)	421350	20.0000	19.44
51	Bromodichloromethane	83	10.387	10.387	(1.074)	405839	20.0000	19.51
M 52	Xylenes (total)	106				3101862	60.0000	58.61
53	Methyl methacrylate	69	10.402	10.402	(1.075)	87448	20.0000	21.46(H)
54	1,4-Dioxane	88	10.552	10.552	(1.091)	26796	400.000	273.9(M)
55	2-chloroethyl vinyl ether	63	10.799	10.799	(1.116)	58508	20.0000	21.82
56	cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	391453	20.0000	18.22
$ 57	Toluene-d8	98	11.083	11.083	(0.885)	1723837	20.0000	19.24
58	Toluene	91	11.136	11.136	(0.889)	2324300	20.0000	18.50
59	2-Nitro-Propane	43	11.300	11.300	(0.902)	64050	20.0000	18.54
60	4-Methyl-2-pentanone	43	11.357	11.357	(0.907)	105326	20.0000	19.76
61	trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	280245	20.0000	18.74
62	Tetrachloroethene	164	11.521	11.521	(0.920)	374137	20.0000	17.82
63	Ethyl methacrylate	69	11.503	11.503	(0.918)	202828	20.0000	17.85(H)
64	1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	166045	20.0000	19.96
65	Chlorodibromomethane	129	11.892	11.892	(0.949)	175119	20.0000	19.65
66	1,3-Dichloropropane	76	11.907	11.907	(0.950)	322073	20.0000	18.86
67	1,2-Dibromoethane	107	12.146	12.146	(0.970)	119214	20.0000	18.08
68	2-Hexanone	43	12.113	12.113	(0.967)	61535	20.0000	19.10
69	Ethylbenzene	106	12.498	12.498	(0.998)	841851	20.0000	18.67
* 70	Chlorobenzene-d5	117	12.528	12.528	(1.000)	599298	10.0000	
71	Chlorobenzene	112	12.547	12.547	(1.001)	1161723	20.0000	18.07
72	1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	322526	20.0000	18.74
73	m,p-Xylenes	106	12.614	12.614	(1.007)	2232498	40.0000	39.22
74	o-Xylene	106	13.033	13.033	(1.040)	869364	20.0000	19.39
75	Styrene	104	13.089	13.089	(1.045)	1235291	20.0000	18.77
76	Bromoform	173	13.258	13.258	(0.901)	74540	20.0000	20.51

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	77 Isopropylbenzene	105	13.291	13.291	(0.903)	2324560	20.0000	18.22
$	78 4-Bromofluorobenzene	95	13.643	13.643	(0.927)	424249	20.0000	19.11
	79 n-Propylbenzene	91	13.681	13.681	(0.929)	3310650	20.0000	18.63
	80 Bromobenzene	156	13.789	13.789	(0.937)	335804	20.0000	18.59
	81 1,1,2,2-Tetrachloroethane	83	13.767	13.767	(0.935)	168889	20.0000	18.41
	82 1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	2054444	20.0000	19.01
	83 2-Chlorotoluene	91	13.909	13.909	(0.945)	1573904	20.0000	18.56
	84 1,2,3-Trichloropropane	110	13.931	13.931	(0.946)	46471	20.0000	19.60
	85 trans-1,4-dichloro-2-butene	53	13.927	13.927	(0.946)	40479	20.0000	18.52
	86 4-Chlorotoluene	91	14.047	14.047	(0.954)	1515037	20.0000	19.12
	87 Cyclohexanone	55	14.006	14.006	(0.951)	31967	200.000	171.2
	88 t-Butylbenzene	119	14.160	14.160	(0.962)	1772319	20.0000	18.35
	89 Pentachloroethane	167	14.279	14.279	(0.970)	176205	20.0000	19.39
	90 1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1984816	20.0000	18.94
	91 sec-Butylbenzene	105	14.332	14.332	(0.974)	2900451	20.0000	18.30
	92 4-Isopropyltoluene	119	14.436	14.436	(0.981)	2273138	20.0000	18.89
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	773881	20.0000	18.60
*	94 1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	225934	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.740	(1.001)	726619	20.0000	17.71
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	2450501	20.0000	19.13
	98 1,2-Dichlorobenzene	146	15.162	15.162	(1.030)	577195	20.0000	18.75
	99 1,2-Dibromo-3-chloropropane	157	15.967	15.967	(1.085)	17238	20.0000	18.78
	100 Hexachlorobutadiene	225	16.558	16.558	(1.125)	207589	20.0000	17.15
	101 1,2,4-Trichlorobenzene	180	16.674	16.674	(1.133)	296679	20.0000	21.37
	102 Naphthalene	128	17.071	17.071	(1.160)	372824	20.0000	19.85(H)
	103 1,2,3-Trichlorobenzene	180	17.292	17.292	(1.175)	168938	20.0000	21.74
	143 Nonanal	57	15.746	15.746	(1.628)	152175	20.0000	17.38
$	158 1,2-Dichlorobenzene-d4	150	15.151	15.151	(1.029)	572026	20.0000	19.68

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Report Date: 18-Dec-2007 11:25

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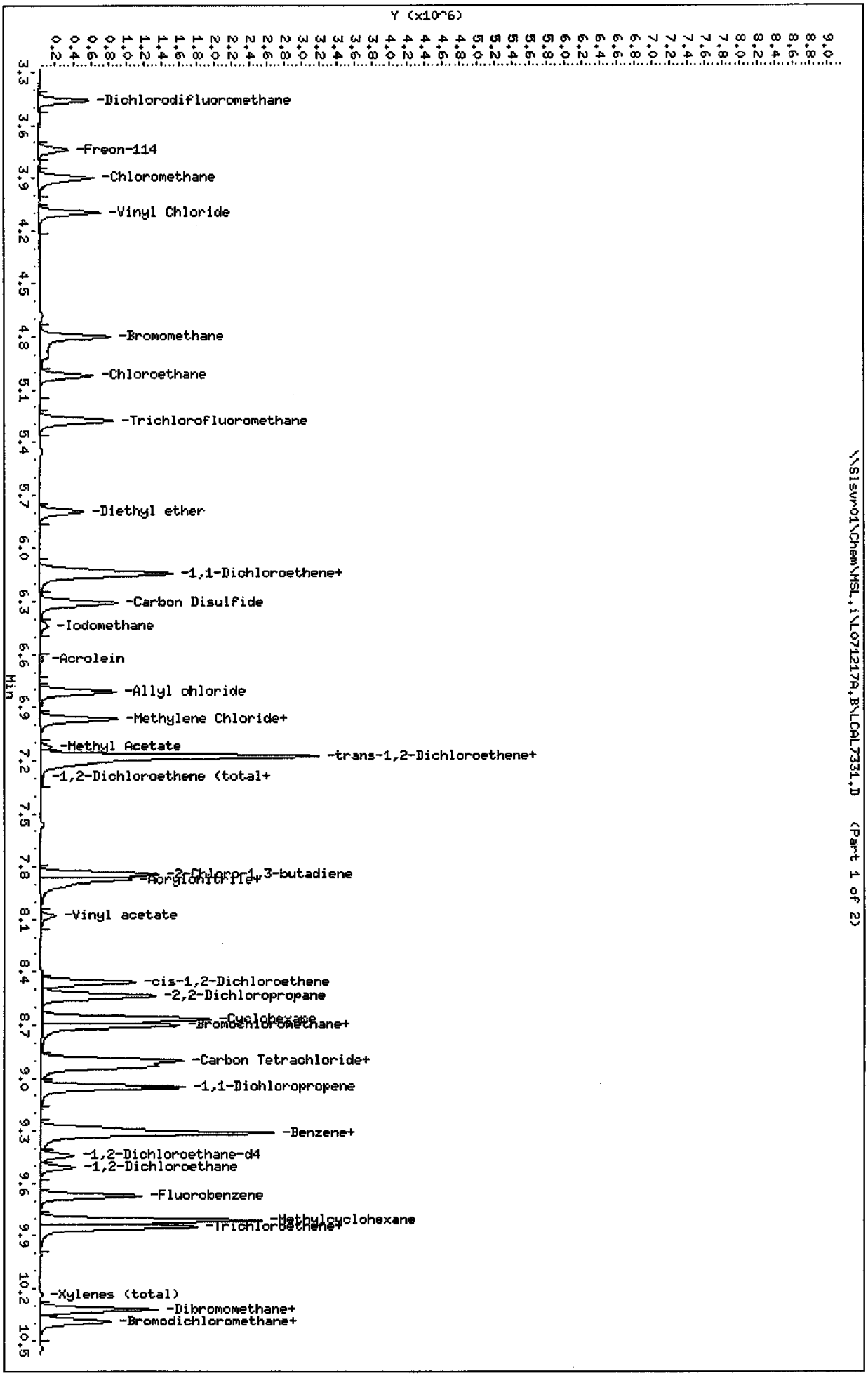
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LCAL7331.D
Lab Smp Id: VSTD20
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD20
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	988782	0.49
70 Chlorobenzene-d5	563731	281866	1127462	599298	6.31
94 1,4 Dichlorobenze	211084	105542	422168	225934	7.04

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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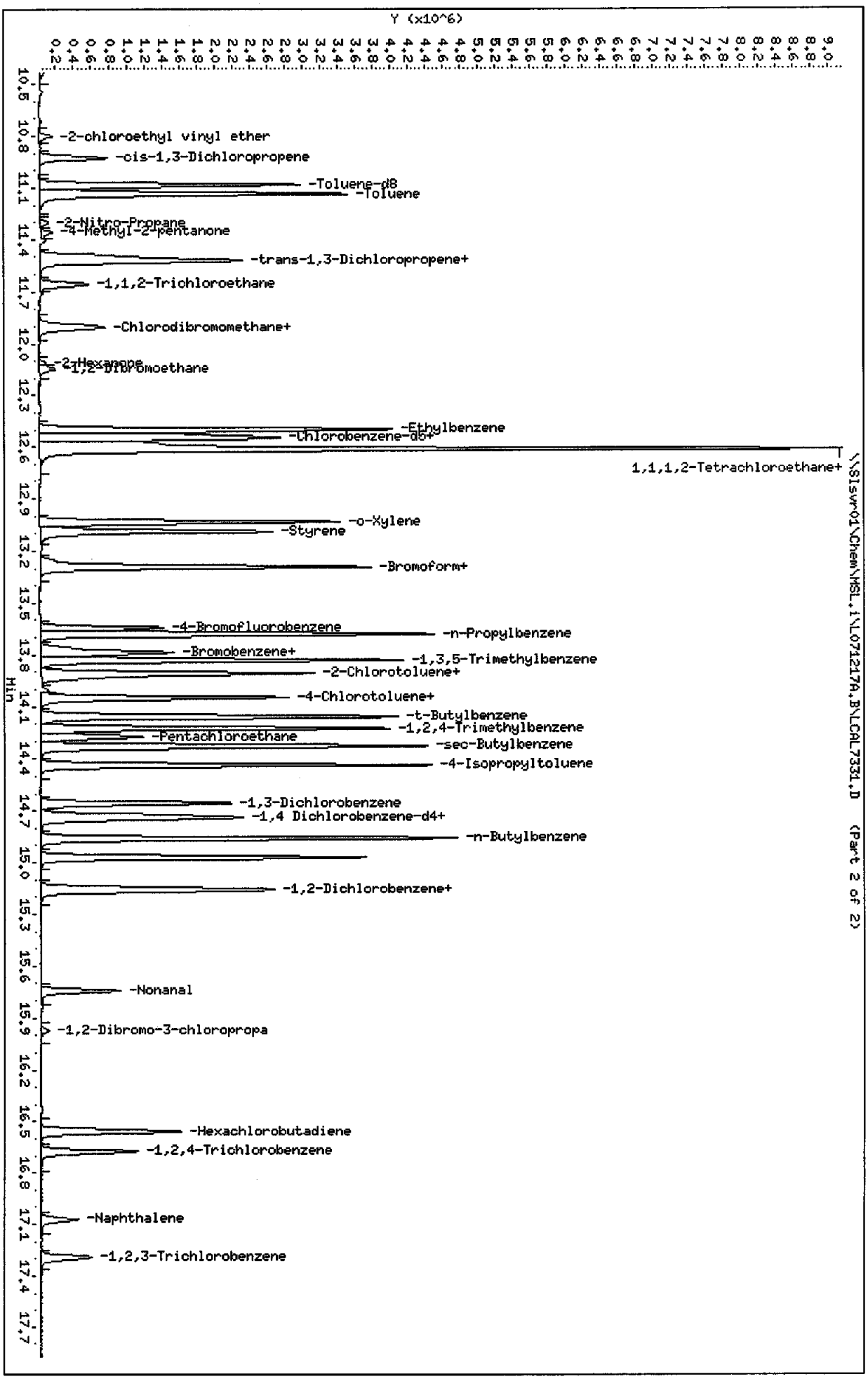
Date : 17-DEC-2007 17:07
Client ID: VSTD20
Sample Info: VSTD20;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Acrolein
-Allyl chloride
-Methylene Chloride+
-Methyl Acetate
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-2-Chloro-1,3-butadiene
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+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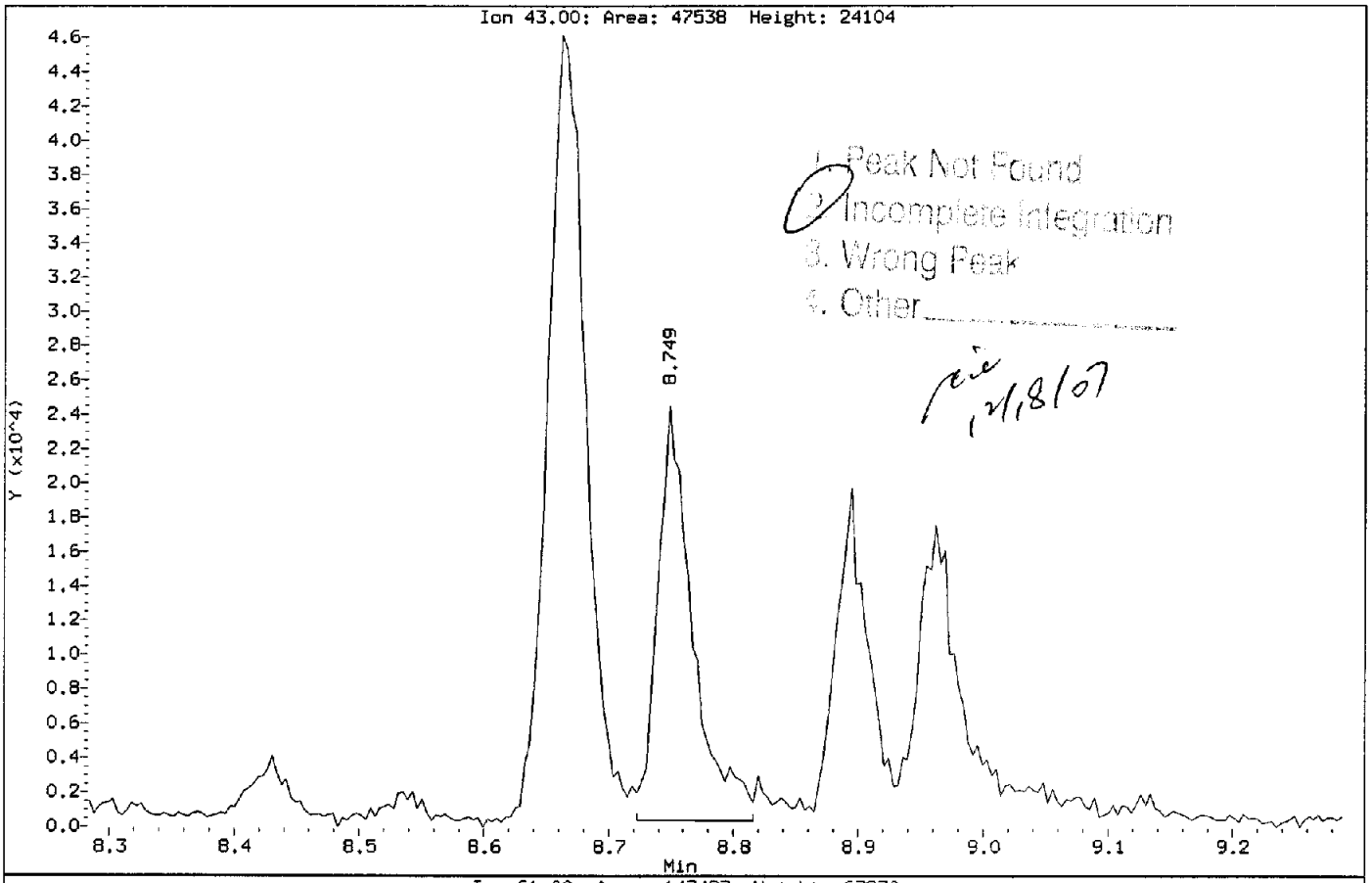
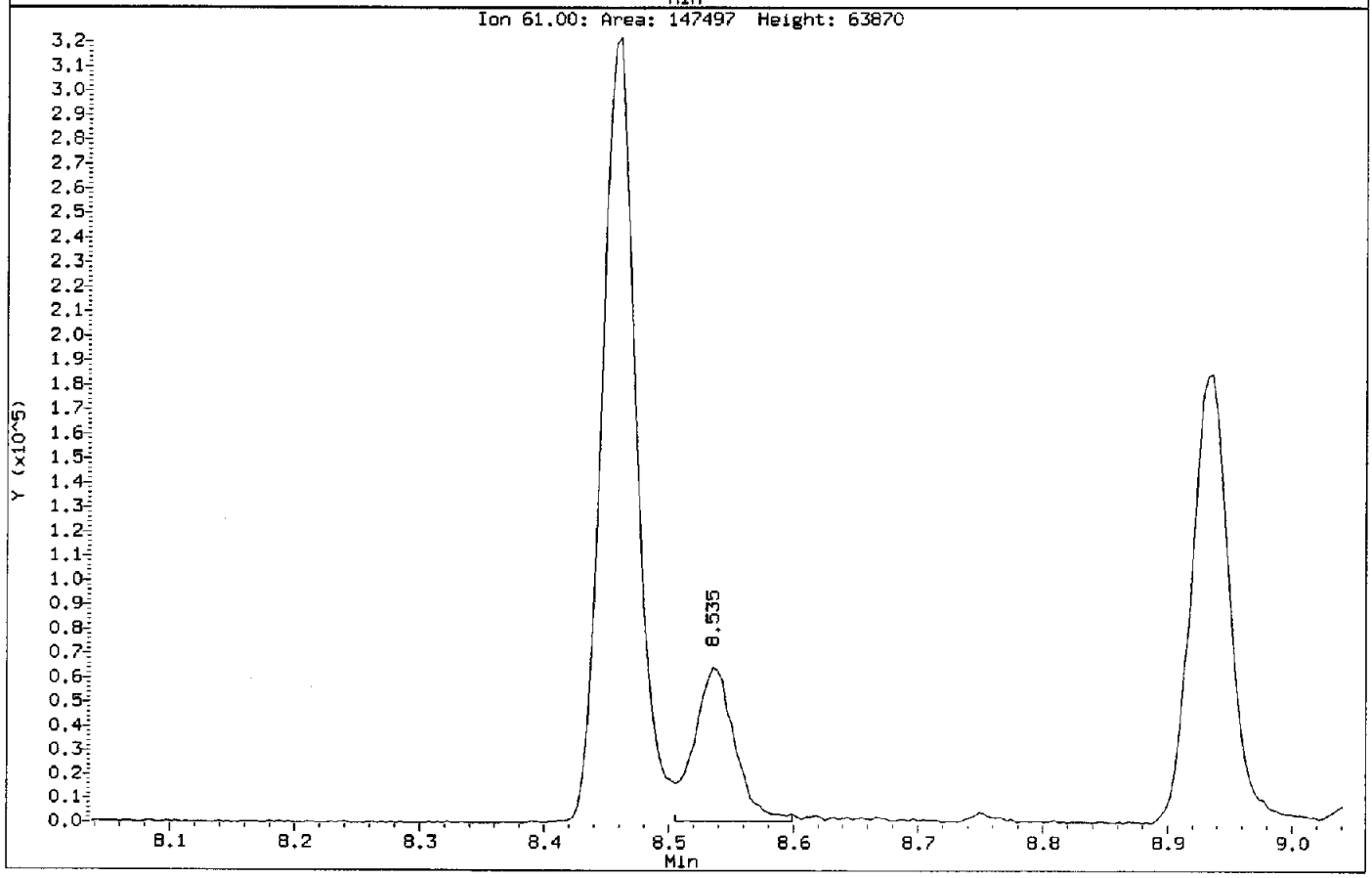
Date : 17-DEC-2007 17:07
Client ID: VSTD20
Sample Info: VSTD20;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D (Part 2 of 2)
-2-chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-Toluene-d8
-Toluene
-2-Nitro-Propane
-4-Methyl-2-pentanone
-trans-1,3-Dichloropropene+
-1,1,2-Trichloroethane
-Chlorodibromomethane+
-2-Hexanone
-1,2-Dibromoethane
-Ethylbenzene
-Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
-o-Xylene
-Styrene
-Bromoform+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-4-Chlorotoluene+
-t-Butylbenzene
-1,2,4-Trimethylbenzene
-Pentachloroethane
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene+
-Nonanal
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Injection Date: 17-DEC-2007 17:07
Instrument: MSL.i
Client Sample ID: VSTD20

Compound: Ethyl acetate
CAS Number: 141-78-6





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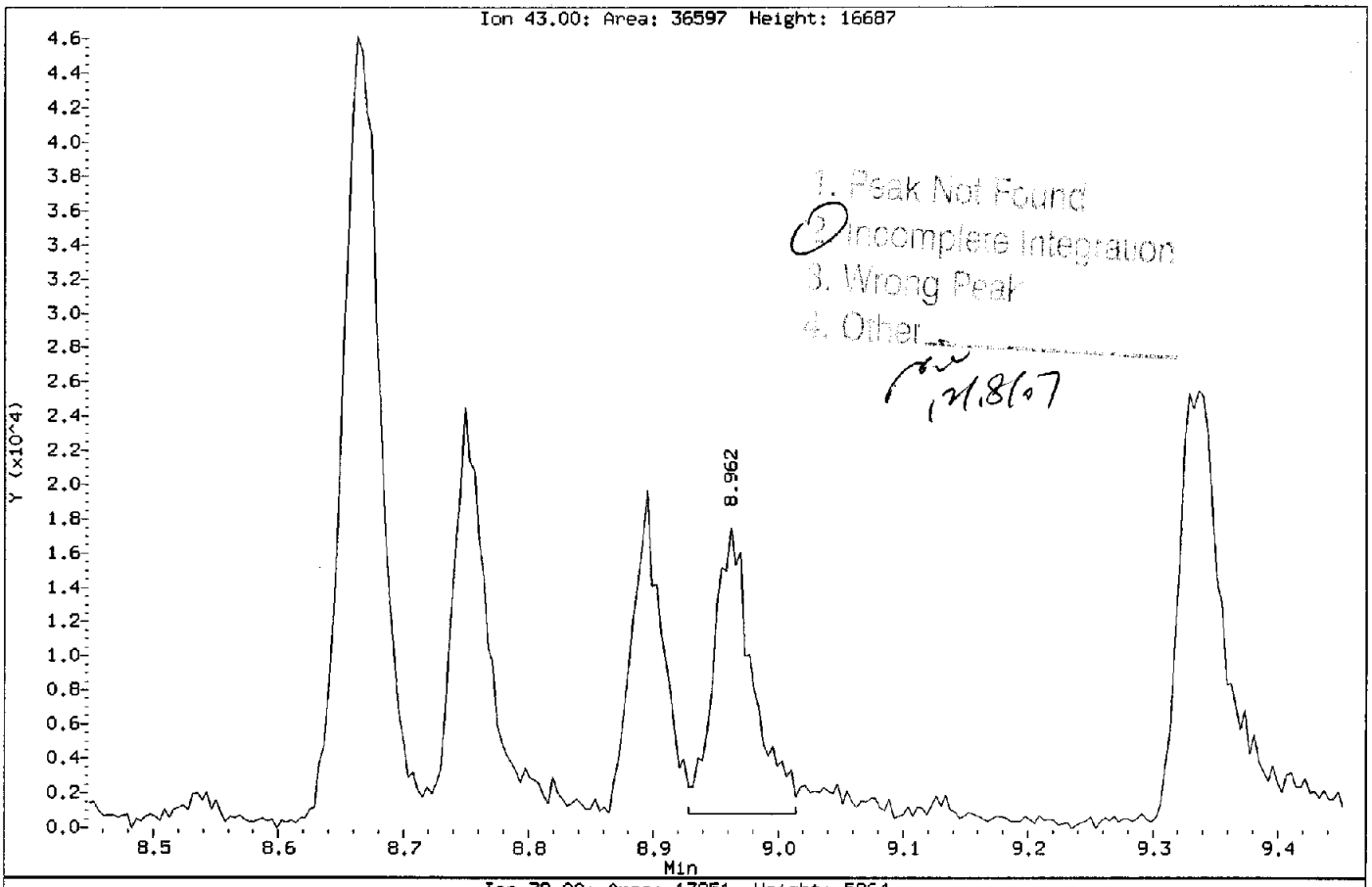
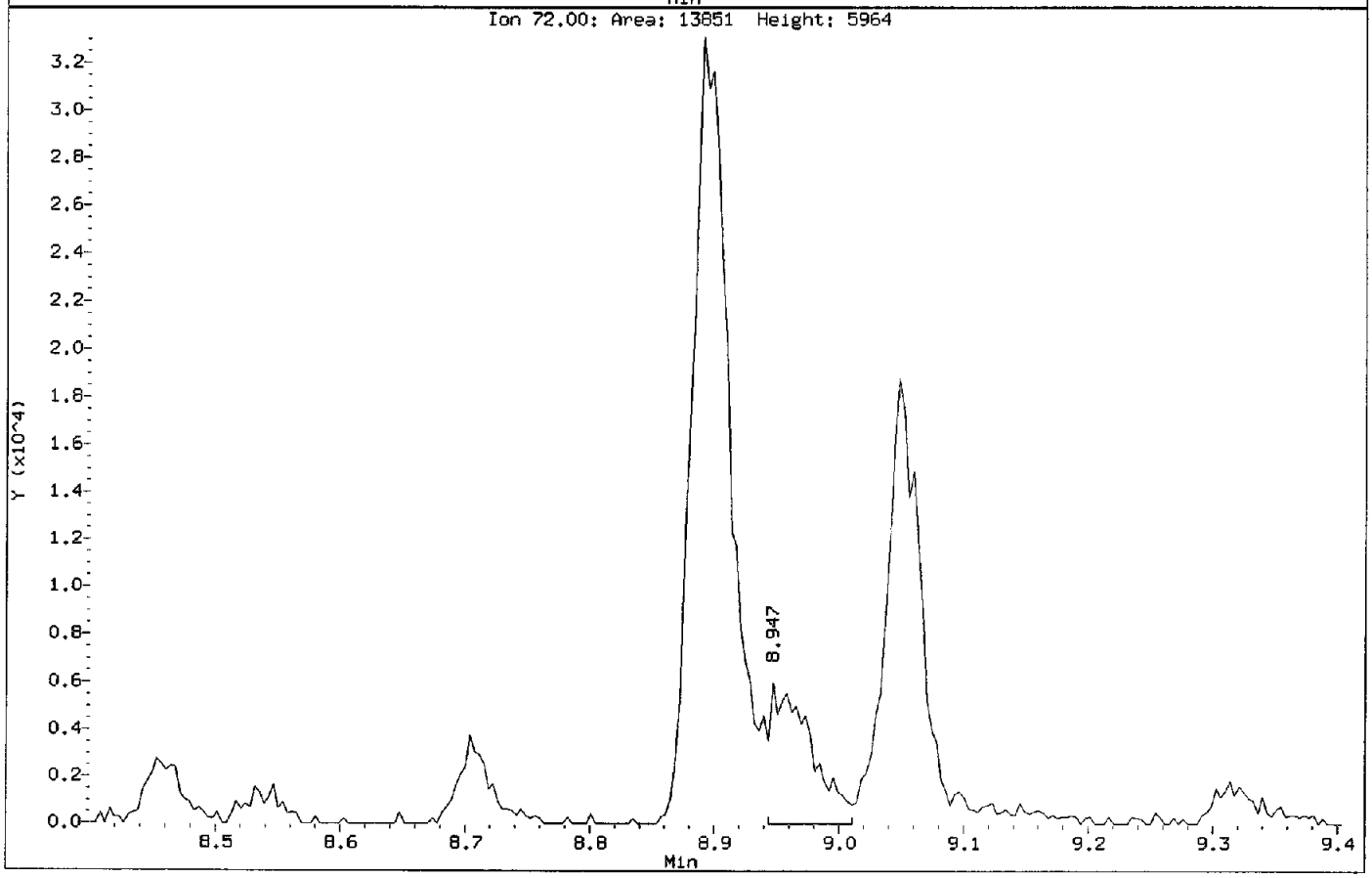
Injection Date: 17-DEC-2007 17:07
Instrument: MSL.i
Client Sample ID: VSTD20

Compound: 2-Butanone
CAS Number: 78-93-3





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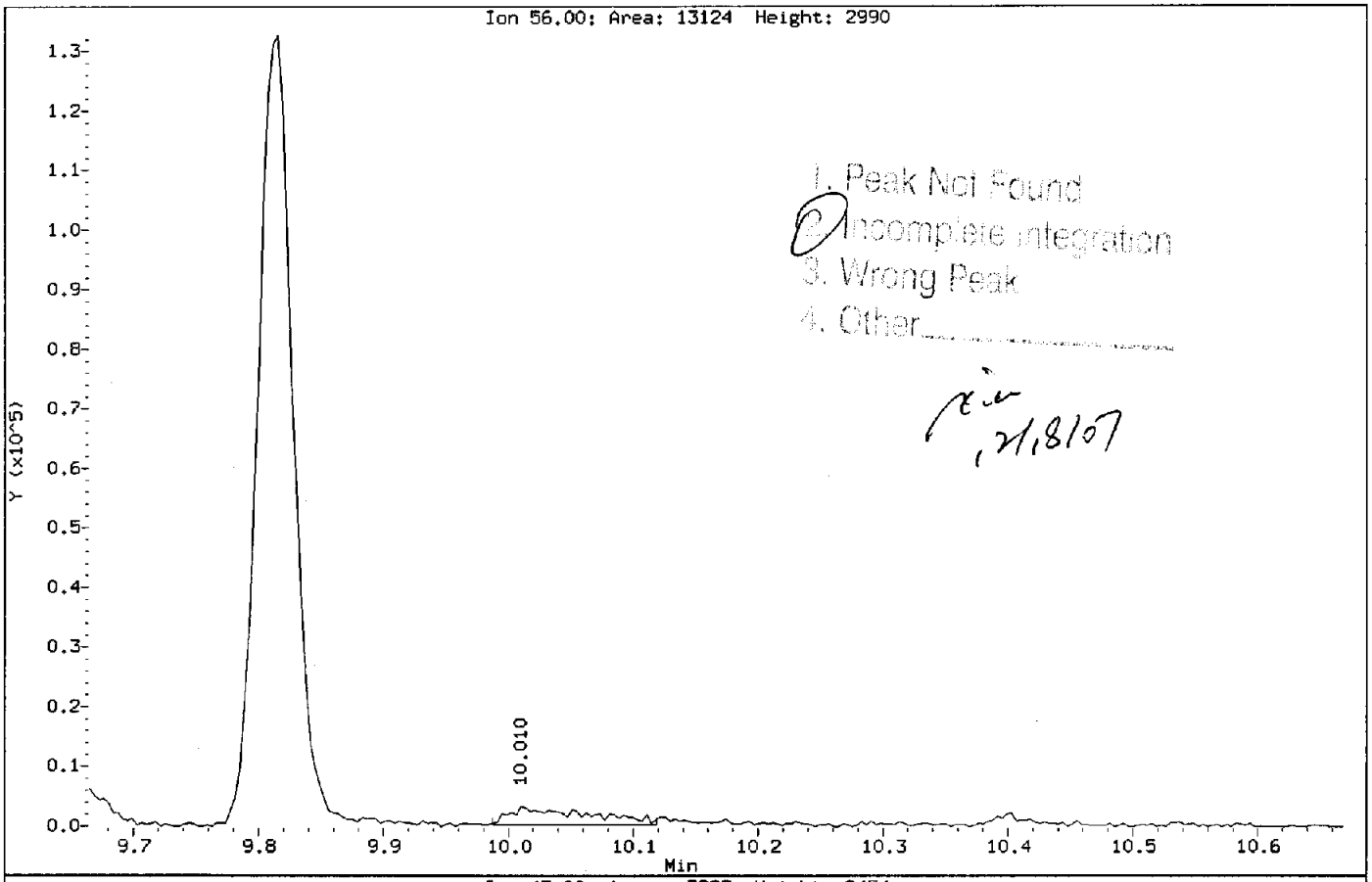
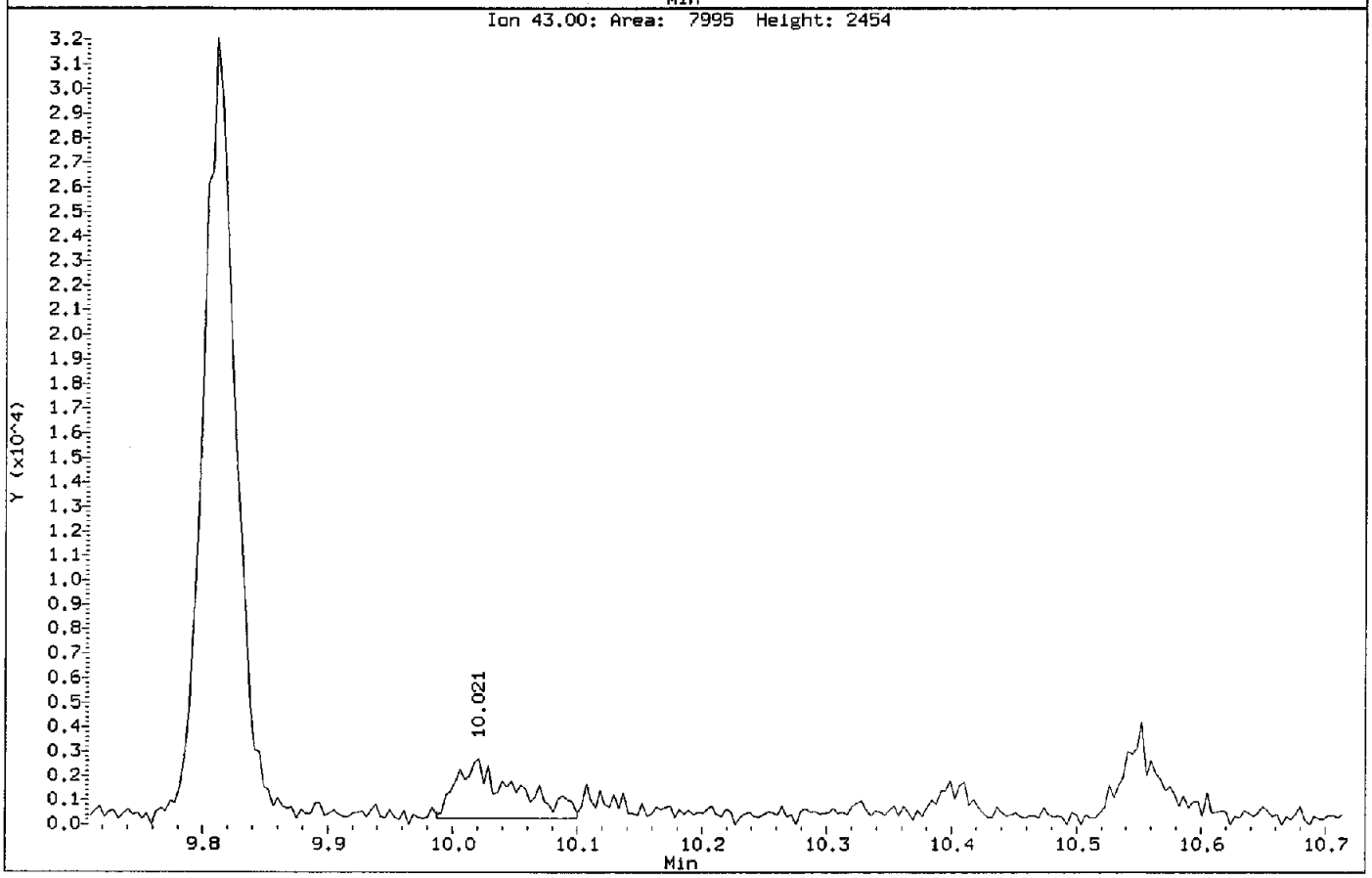
Injection Date: 17-DEC-2007 17:07
Instrument: MSL.i
Client Sample ID: VSTD20

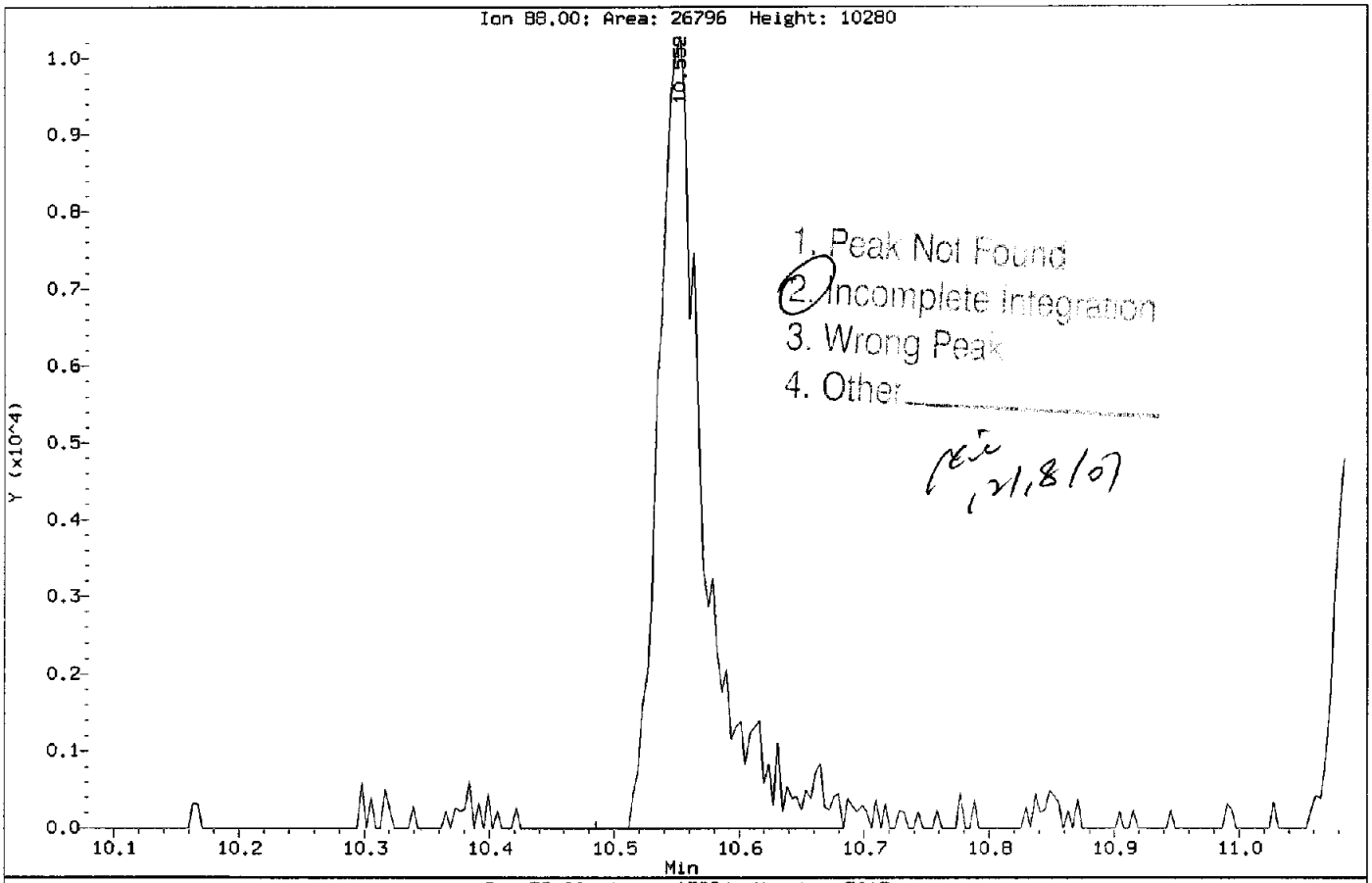
Compound: n-Butanol
CAS Number: 71-36-3

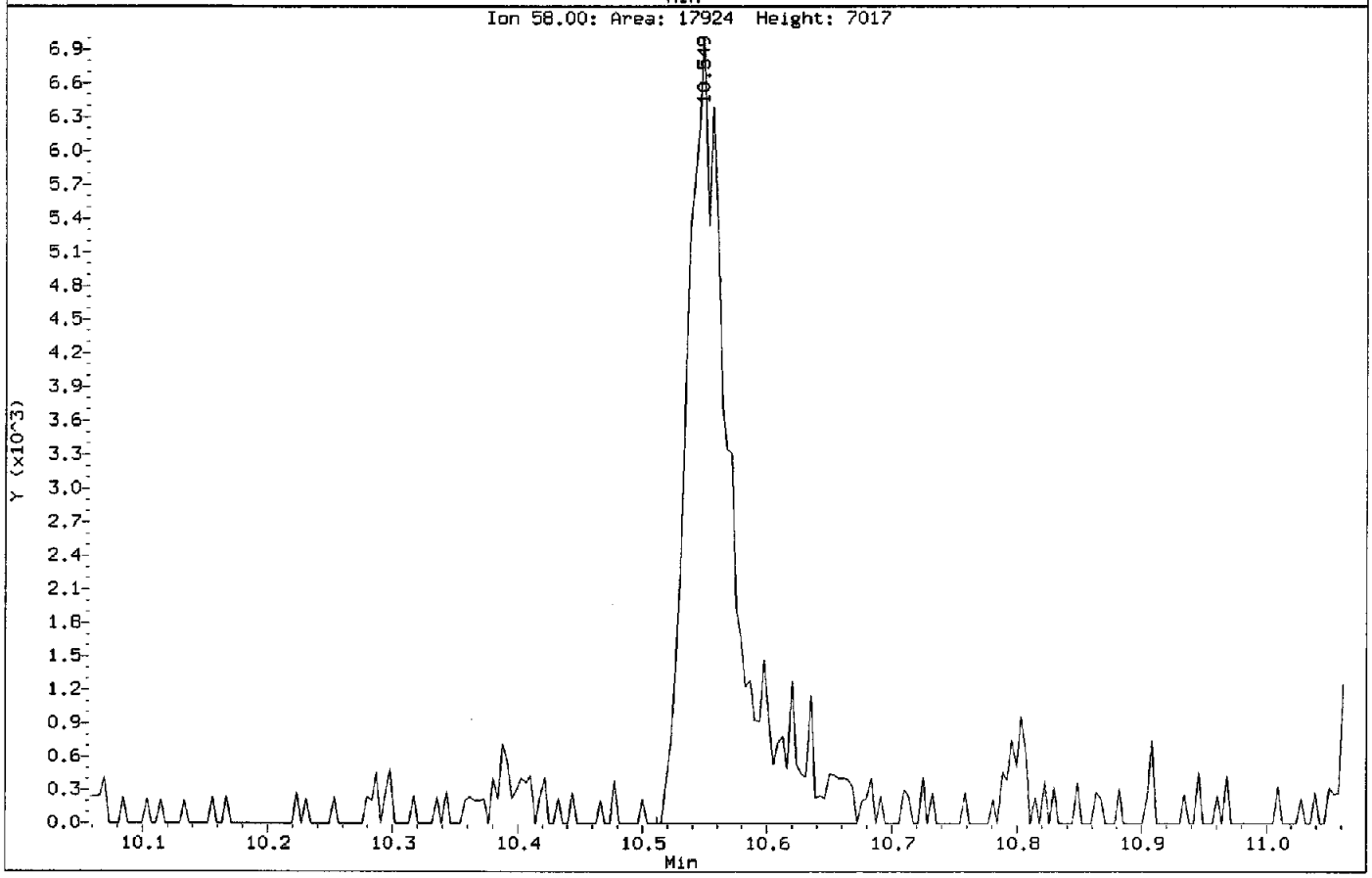




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Injection Date: 17-DEC-2007 17:07
Instrument: MSL.i
Client Sample ID: VSTD20

Compound: 1,4-Dioxane
CAS Number: 123-91-1





Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Report Date: 18-Dec-2007 11:26

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Lab Smp Id: VSTD40 Client Smp ID: VSTD40
Inj Date : 17-DEC-2007 17:33
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD40;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 11:26 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 7 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1	Dichlorodifluoromethane	85	3.461	3.461	(0.358)	1374118	40.0000	36.75
2	Freon-114	135	3.737	3.737	(0.386)	310783	40.0000	35.33
3	Chloromethane	50	3.898	3.898	(0.403)	2325775	40.0000	34.21
4	Vinyl Chloride	62	4.097	4.097	(0.424)	2228301	40.0000	38.72
5	Bromomethane	94	4.797	4.797	(0.496)	1329538	40.0000	39.97
6	Chloroethane	64	5.010	5.010	(0.518)	1678974	40.0000	48.28(A)
7	Trichlorofluoromethane	101	5.268	5.268	(0.545)	2145766	40.0000	40.80(A)
8	Diethyl ether	59	5.792	5.792	(0.599)	833271	80.0000	84.78(A)
9	1,1-Dichloroethene	96	6.147	6.147	(0.636)	1183161	40.0000	42.46(A)
10	1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	1114301	40.0000	39.58
11	Carbon Disulfide	76	6.305	6.305	(0.652)	3671665	40.0000	40.10(A)
12	Iodomethane	142	6.428	6.428	(0.665)	465272	40.0000	47.82(A)
13	Acrolein	56	6.619	6.619	(0.684)	96462	200.000	205.3(A)
14	Allyl chloride	39	6.810	6.810	(0.704)	1266140	40.0000	40.21(A)
15	Methylene Chloride	84	6.963	6.963	(0.720)	990411	40.0000	38.11
16	Acetone	43	6.974	6.974	(0.721)	86228	40.0000	40.50(A)
17	trans-1,2-Dichloroethene	96	7.177	7.177	(0.742)	1449005	40.0000	43.25(A)
18	n-Hexane	57	7.177	7.177	(0.742)	2632206	40.0000	44.50(A)
19	Methyl Acetate	74	7.117	7.117	(0.736)	100764	40.0000	40.35(A)
20	MTBE	73	7.214	7.214	(0.746)	1237130	40.0000	40.42(A)
M 21	1,2-Dichloroethene (total)	96				2607967	80.0000	83.45
22	Acetonitrile	41	7.558	7.558	(0.781)	143067	200.000	203.3(A)

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Report Date: 18-Dec-2007 11:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Acrylonitrile	53	7.903	7.903	(0.817)	617808	200.000	239.8(A)
	24 1,1-Dichloroethane	63	7.873	7.873	(0.814)	2430822	40.0000	41.18(A)
	25 2-Chloro-1,3-butadiene	53	7.839	7.839	(0.810)	2060508	40.0000	43.35(A)
	26 Vinyl acetate	43	8.075	8.075	(0.835)	675304	40.0000	45.20(A)
	27 cis-1,2-Dichloroethene	96	8.456	8.456	(0.874)	1158962	40.0000	40.20(A)
	28 2,2-Dichloropropane	77	8.535	8.535	(0.882)	1979138	40.0000	40.22(A)
	29 Bromochloromethane	128	8.700	8.700	(0.899)	260759	40.0000	38.97
	30 Cyclohexane	84	8.666	8.666	(0.896)	2167565	40.0000	41.86(A)
	31 Chloroform	83	8.703	8.703	(0.900)	2093516	40.0000	43.31(A)
	32 Ethyl acetate	43	8.745	8.745	(0.904)	112900	80.0000	80.20(AM)
	33 Carbon Tetrachloride	117	8.898	8.898	(0.920)	1719523	40.0000	43.53(A)
	34 Isobutanol	42	8.891	8.891	(0.919)	393308	800.000	815.0(A)
	35 Tetrahydrofuran	71	8.894	8.894	(0.920)	151629	200.000	225.6(A)
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	812663	40.0000	46.94(A)
	37 1,1,1-Trichloroethane	97	8.932	8.932	(0.923)	2028625	40.0000	42.69(A)
	38 2-Butanone	43	8.954	8.954	(0.926)	97129	40.0000	40.84(A)
	39 1,1-Dichloropropene	75	9.048	9.048	(0.935)	1986488	40.0000	43.13(A)
	40 Benzene	78	9.313	9.313	(0.963)	5597526	40.0000	41.43(A)
	41 Propionitrile	54	9.272	9.272	(0.959)	170602	200.000	207.3(A)
	42 Methacrylonitrile	41	9.283	9.283	(0.960)	919065	200.000	202.7(A)
$	43 1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	558459	40.0000	41.02(A)
	44 1,2-Dichloroethane	62	9.508	9.508	(0.983)	741490	40.0000	40.87(A)
*	45 Fluorobenzene	96	9.673	9.673	(1.000)	1167796	10.0000	
	46 n-Butanol	56	10.002	10.002	(1.034)	46265	400.000	488.0(A)
	47 Methylcyclohexane	55	9.811	9.811	(1.014)	2143373	40.0000	43.72(A)
	48 Trichloroethene	130	9.852	9.852	(1.019)	1363594	40.0000	41.67(A)
	49 Dibromomethane	93	10.313	10.313	(1.066)	226172	40.0000	38.70
	50 1,2-Dichloropropane	63	10.320	10.320	(1.067)	1049743	40.0000	41.00(A)
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	1011738	40.0000	41.18
M	52 Xylenes (total)	106				9121637	120.000	145.7
	53 Methyl methacrylate	69	10.399	10.399	(1.075)	239781	40.0000	49.82(A)
	54 1,4-Dioxane	88	10.548	10.548	(1.091)	57756	800.000	539.8(M)
	55 2-chloroethyl vinyl ether	63	10.795	10.795	(1.116)	138700	40.0000	43.79(A)
	56 cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	960394	40.0000	37.85
$	57 Toluene-d8	98	11.083	11.083	(0.885)	4652938	40.0000	44.24(A)
	58 Toluene	91	11.136	11.136	(0.889)	6171317	40.0000	41.86(A)
	59 2-Nitro-Propane	43	11.301	11.301	(0.902)	168101	40.0000	40.88(A)
	60 4-Methyl-2-pentanone	43	11.353	11.353	(0.906)	271218	40.0000	43.35(A)
	61 trans-1,3-Dichloropropene	75	11.488	11.488	(0.917)	701926	40.0000	39.99
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	1011282	40.0000	40.93(A)
	63 Ethyl methacrylate	69	11.503	11.503	(0.918)	572695	40.0000	41.10(A)
	64 1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	390351	40.0000	40.10(A)
	65 Chlorodibromomethane	129	11.892	11.892	(0.949)	423625	40.0000	40.49(A)
	66 1,3-Dichloropropane	76	11.907	11.907	(0.950)	770195	40.0000	38.43
	67 1,2-Dibromoethane	107	12.143	12.143	(0.969)	258241	40.0000	33.37
	68 2-Hexanone	43	12.109	12.109	(0.967)	155815	40.0000	40.60(A)
	69 Ethylbenzene	106	12.498	12.498	(0.998)	2252674	40.0000	42.55(A)
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	703426	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	2943493	40.0000	39.02
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	830333	40.0000	41.10(A)
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	6848721	80.0000	102.5(A)
	74 o-Xylene	106	13.033	13.033	(1.040)	2272916	40.0000	43.20(A)
	75 Styrene	104	13.086	13.086	(1.045)	3146172	40.0000	40.63(A)
	76 Bromoform	173	13.258	13.258	(0.900)	181027	40.0000	42.19(A)

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Report Date: 18-Dec-2007 11:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	6330576	40.0000	42.02(A)
$ 78	4-Bromofluorobenzene	95	13.643	13.643	(0.927)	1125713	40.0000	42.94(A)
79	n-Propylbenzene	91	13.681	13.681	(0.929)	9076987	40.0000	43.26(A)
80	Bromobenzene	156	13.789	13.789	(0.936)	820096	40.0000	38.45
81	1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	399044	40.0000	36.84
82	1,3,5-Trimethylbenzene	105	13.834	13.834	(0.940)	5856816	40.0000	45.90(A)
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	4276992	40.0000	42.71(A)
84	1,2,3-Trichloropropane	110	13.931	13.931	(0.946)	111424	40.0000	39.80
85	trans-1,4-dichloro-2-butene	53	13.928	13.928	(0.946)	106091	40.0000	40.80(A)
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	4029649	40.0000	43.08(A)
87	Cyclohexanone	55	14.002	14.002	(0.951)	84041	400.000	404.2(A)
88	t-Butylbenzene	119	14.160	14.160	(0.962)	4959317	40.0000	43.49(A)
89	Pentachloroethane	167	14.276	14.276	(0.970)	436168	40.0000	40.20(A)
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	5541158	40.0000	44.79(A)
91	sec-Butylbenzene	105	14.332	14.332	(0.973)	8105596	40.0000	43.31(A)
92	4-Isopropyltoluene	119	14.440	14.440	(0.981)	6359375	40.0000	44.76(A)
93	1,3-Dichlorobenzene	146	14.654	14.654	(0.995)	1951000	40.0000	39.72
* 94	1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	266755	10.0000	
95	1,4-Dichlorobenzene	146	14.740	14.740	(1.001)	1848944	40.0000	38.17
96	n-Butylbenzene	91	14.859	14.859	(1.009)	6909059	40.0000	45.68(A)
98	1,2-Dichlorobenzene	146	15.163	15.163	(1.030)	1481554	40.0000	40.77(A)
99	1,2-Dibromo-3-chloropropane	157	15.971	15.971	(1.085)	44142	40.0000	40.56(A)
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	499035	40.0000	34.92
101	1,2,4-Trichlorobenzene	180	16.674	16.674	(1.132)	709018	40.0000	43.25(A)
102	Naphthalene	128	17.067	17.067	(1.159)	893399	40.0000	39.99
103	1,2,3-Trichlorobenzene	180	17.292	17.292	(1.174)	380279	40.0000	41.44(A)
143	Nonanal	57	15.743	15.743	(1.628)	451667	40.0000	41.24(A)
$ 158	1,2-Dichlorobenzene-d4	150	15.151	15.151	(1.029)	1498637	40.0000	43.66(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Report Date: 18-Dec-2007 11:26

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INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

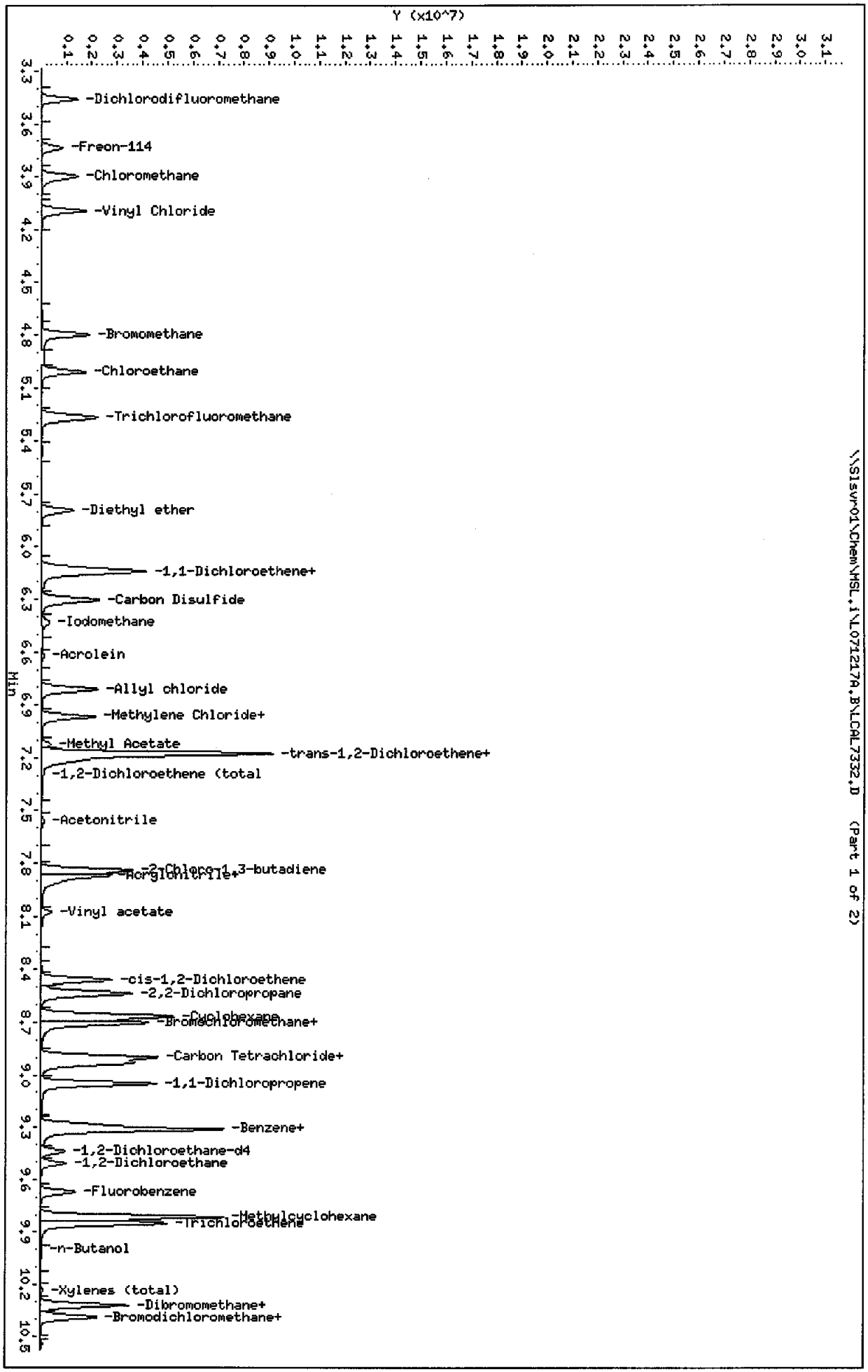
Instrument ID: MSL.i
Lab File ID: LCAL7332.D
Lab Smp Id: VSTD40
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD40
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	1167796	18.68
70 Chlorobenzene-d5	563731	281866	1127462	703426	24.78
94 1,4 Dichlorobenze	211084	105542	422168	266755	26.37

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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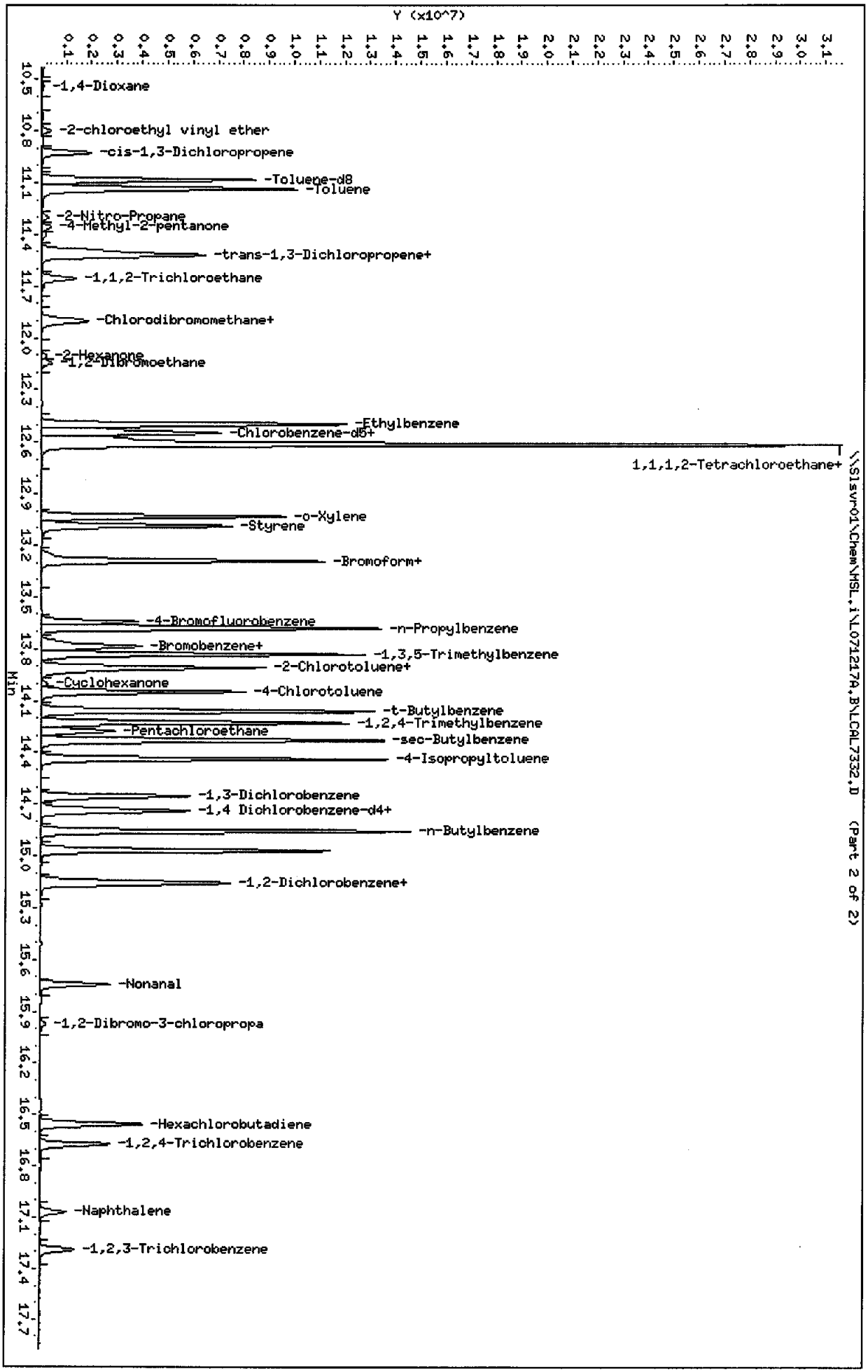
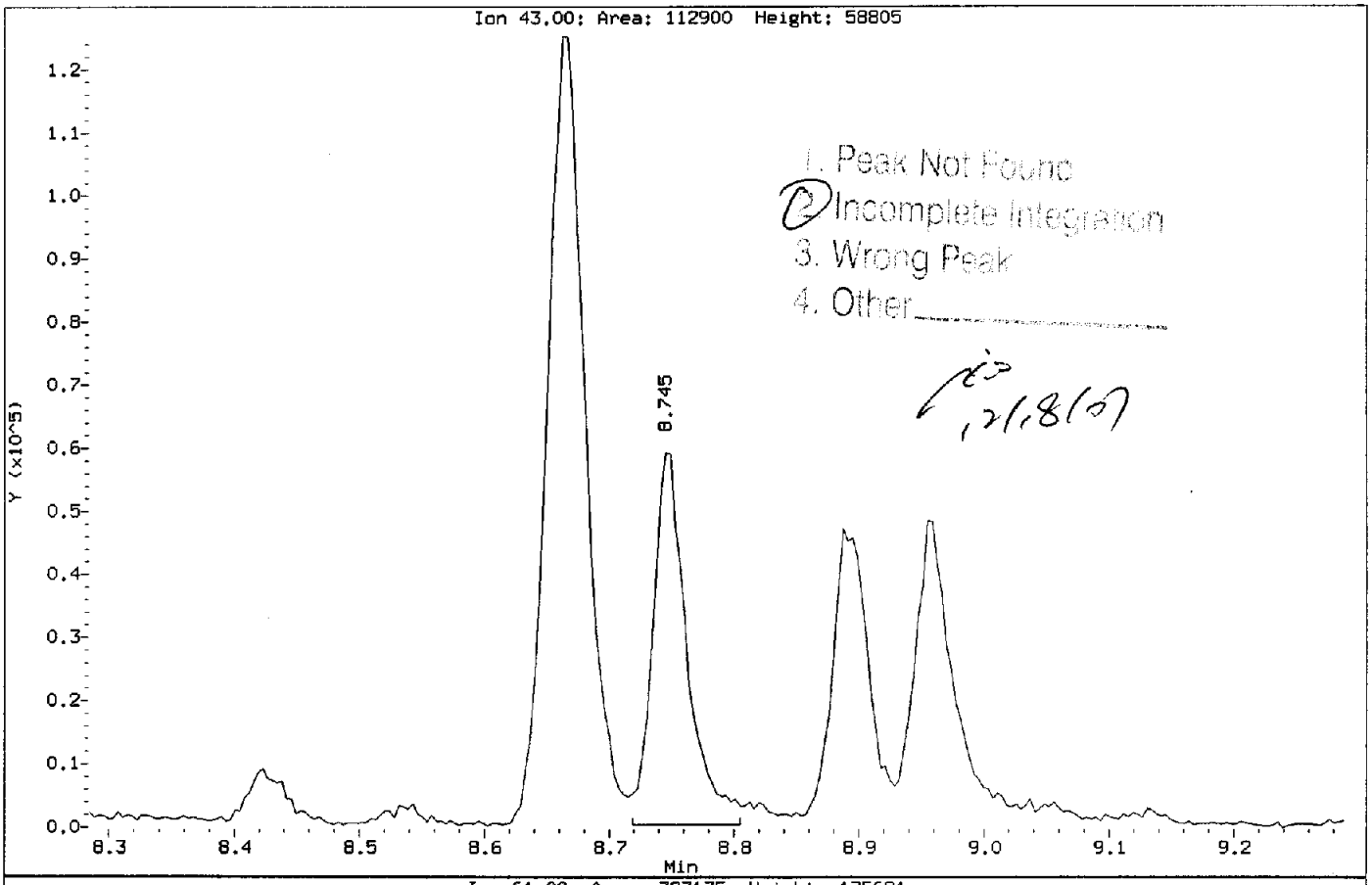
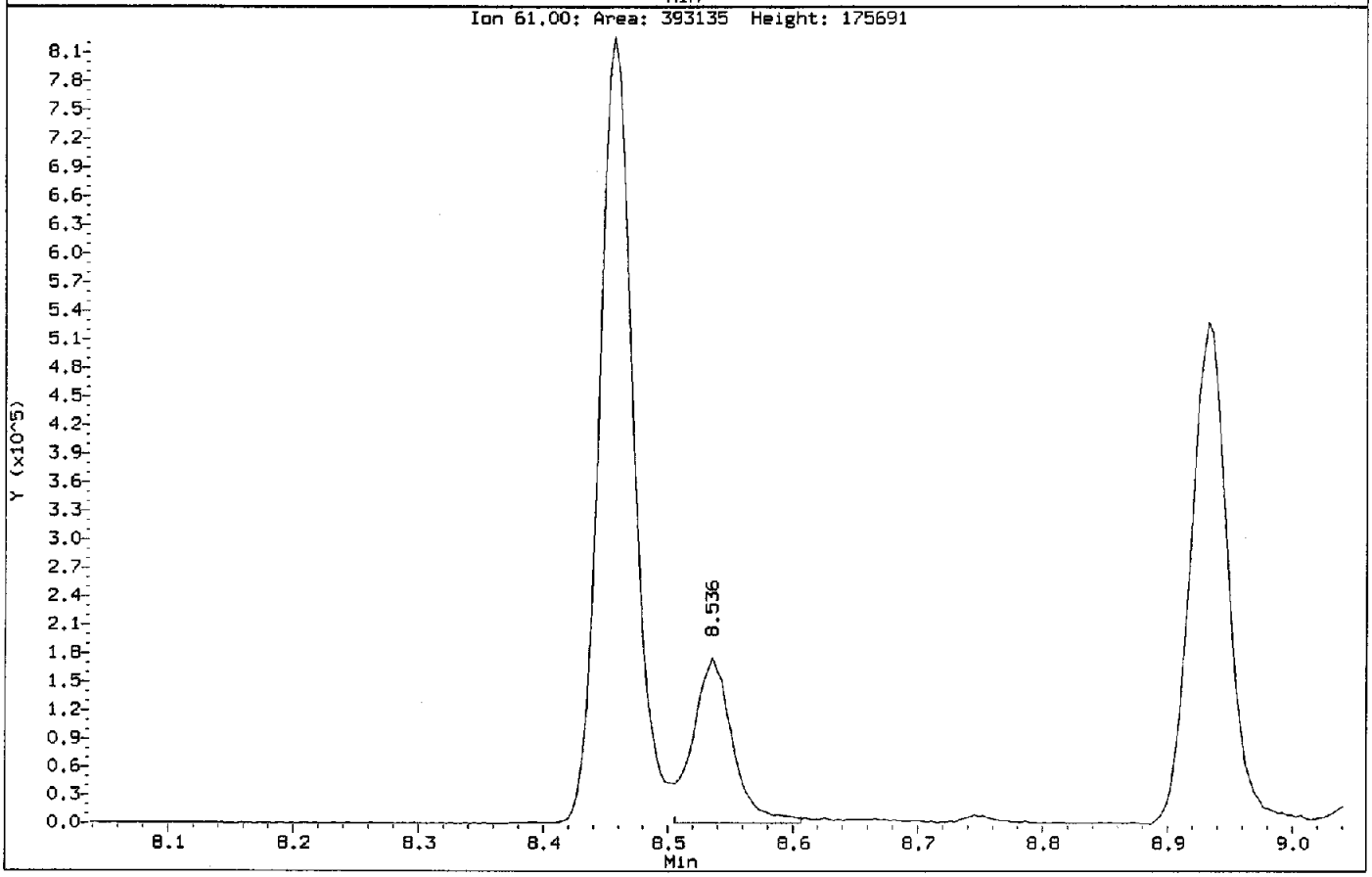
Date : 17-DEC-2007 17:33
Client ID: VSTD40
Sample Info: VSTD40;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^7)
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D (Part 1 of 2)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Acrolein
-Allyl chloride
-Methylene Chloride+
-Methyl Acetate
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-Acetonitrile
-2-Chloro-1,3-butadiene
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene
-n-Butanol
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+


Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Date : 17-DEC-2007 17:33
Client ID: VSTD40
Sample Info: VSTD40;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^7)
Min
-1,4-Dioxane
-2-chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-Toluene-d8
-Toluene
-2-Nitro-Propane
-4-Methyl-2-pentanone
-trans-1,3-Dichloropropene+
-1,1,2-Trichloroethane
-Chlorodibromomethane+
-2-Hexanone
-1,2-Dibromoethane
-Ethylbenzene
-Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
-o-Xylene
-Styrene
-Bromoform+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-Cyclohexanone
-4-Chlorotoluene
-t-Butylbenzene
-1,2,4-Trimethylbenzene
-Pentachloroethane
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene+
-Nonanal
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D (Part 2 of 2)

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Injection Date: 17-DEC-2007 17:33
Instrument: MSL.i
Client Sample ID: VSTD40

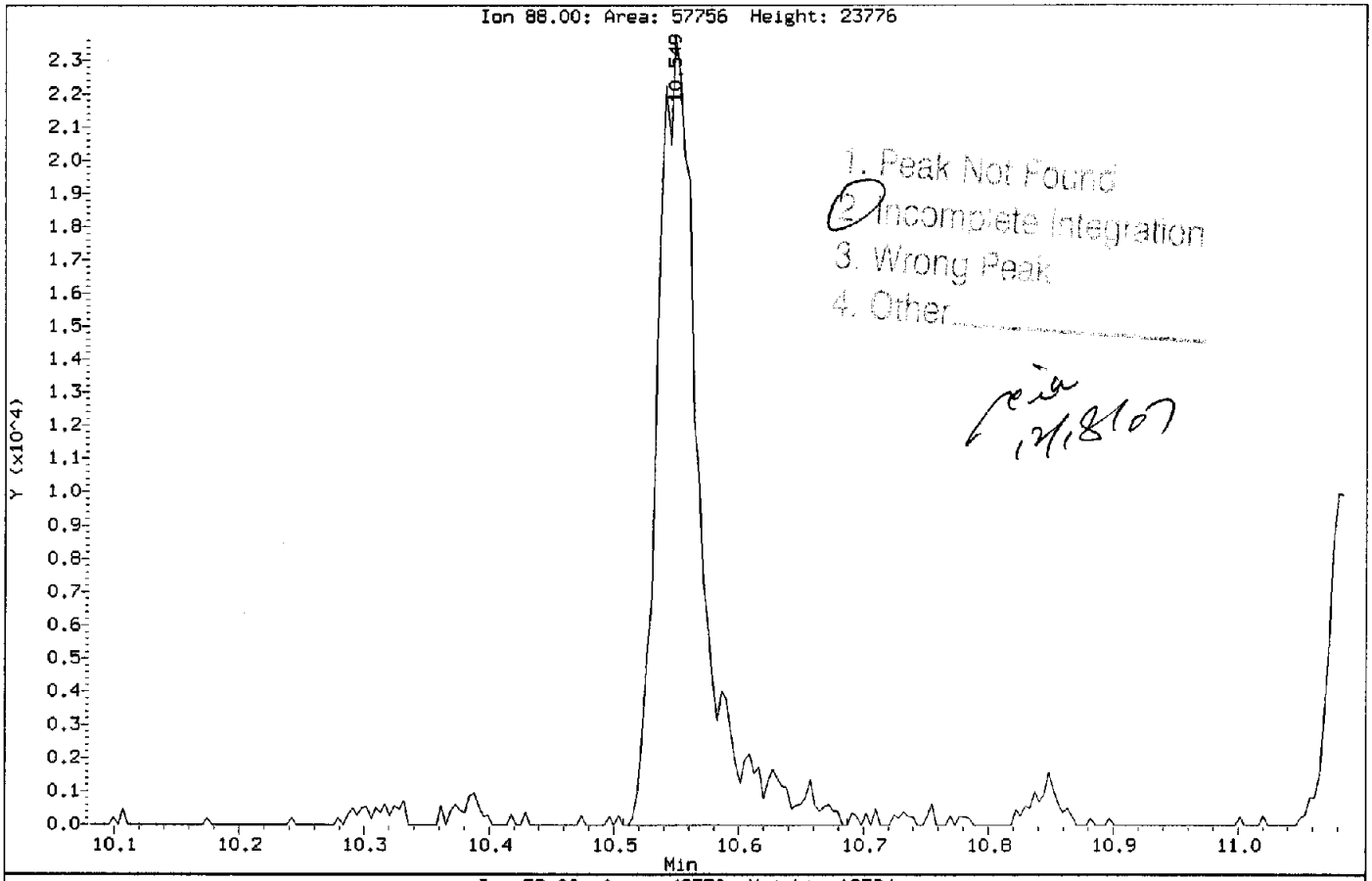
Compound: Ethyl acetate
CAS Number: 141-78-6

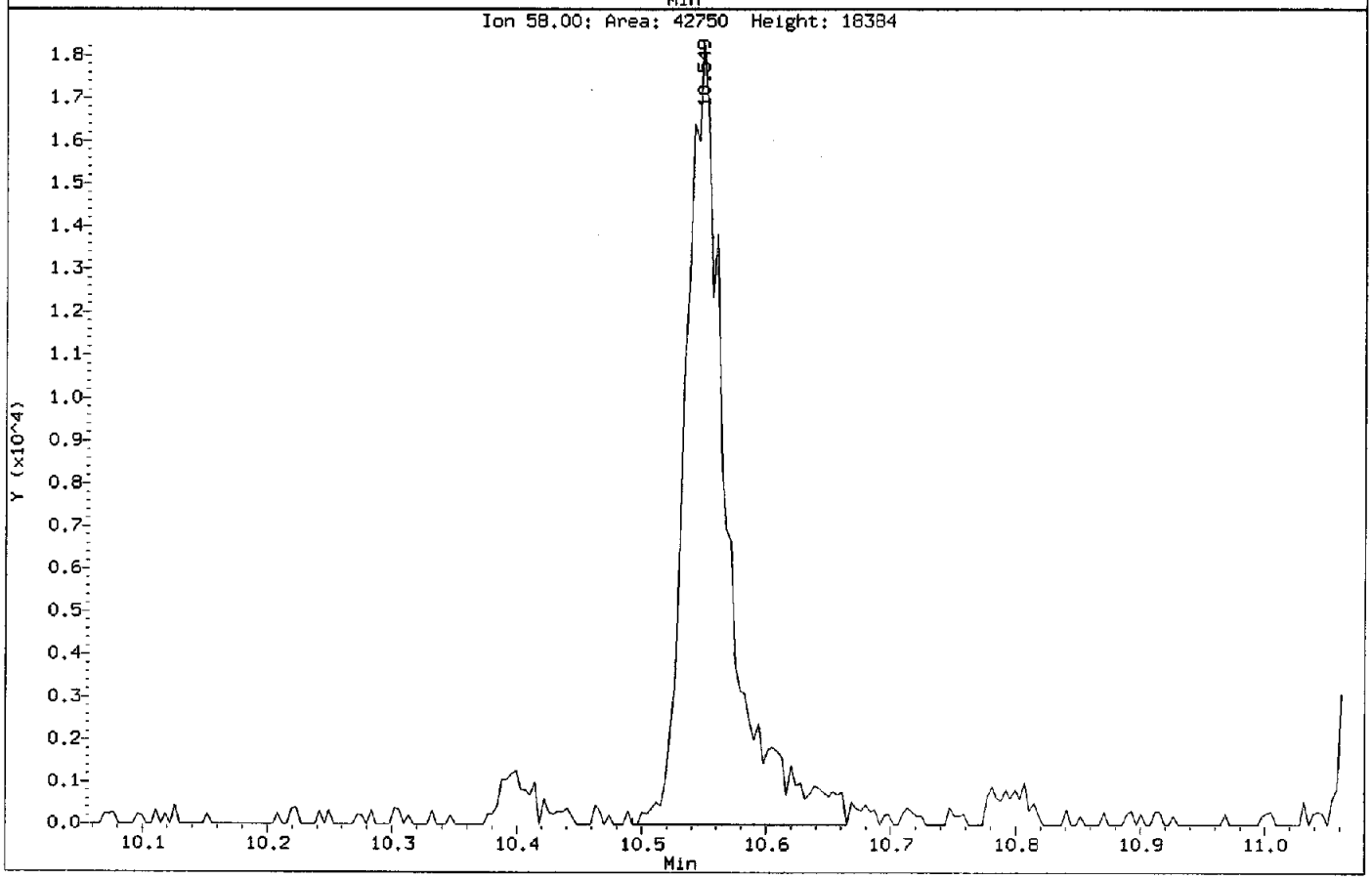




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Injection Date: 17-DEC-2007 17:33
Instrument: MSL.i
Client Sample ID: VSTD40

Compound: 1.4-Dioxane
CAS Number: 123-91-1





Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LICV7333.D
Analysis Type: WATER
Lab Sample ID: ICV
Method: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m

Injection Date: 17-DEC-2007 18:01
Init. Cal. Date(s): 17-DEC-2007 17-DEC-2007
Init. Cal. Times: 14:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
	1 Dichlorodifluoromethane	0.32016	0.26209	0.26209	0.000	18.13973	20.00000	Averaged	
	2 Freon-114	0.07533	0.12508	0.12508	0.000	-66.03922	20.00000	Averaged	<-
	3 Chloromethane	0.58212	0.44877	0.44877	0.100	22.90858	20.00000	Averaged	<-
	4 Vinyl Chloride	0.49282	0.46544	0.46544	0.000	5.55445	20.00000	Averaged	
	5 Bromomethane	0.30980	0.35172	0.35172	0.000	-13.53122	20.00000	Averaged	
	6 Chloroethane	0.29779	0.30800	0.30800	0.000	-3.43141	20.00000	Averaged	
	7 Trichlorofluoromethane	0.43532	0.41024	0.41024	0.000	5.76188	20.00000	Averaged	
	8 Diethyl ether	0.08417	0.08456	0.08456	0.000	-0.46492	20.00000	Averaged	
	9 1,1-Dichloroethene	0.23860	0.24127	0.24127	0.000	-1.11866	20.00000	Averaged	
	10 1,1,2-Trichlorofluoroethane	0.24110	0.25429	0.25429	0.000	-5.47097	20.00000	Averaged	
	11 Carbon Disulfide	0.78406	0.83617	0.83617	0.000	-6.64689	20.00000	Averaged	
	12 Iodomethane	0.08331	0.09308	0.09308	0.000	-11.73360	20.00000	Averaged	
	13 Acrolein	0.00421	0.00414	0.00414	0.000	1.63451	20.00000	Averaged	
	14 Allyl chloride	0.26964	0.29471	0.29471	0.000	-9.29784	20.00000	Averaged	
	15 Methylene Chloride	0.22255	0.20965	0.20965	0.000	5.79337	20.00000	Averaged	
	16 Acetone	10.00000	9.94781	0.02059	0.000	0.52190	20.00000	Linear	
	17 trans-1,2-Dichloroethene	0.28690	0.27205	0.27205	0.000	5.17754	20.00000	Averaged	
	18 n-Hexane	0.50648	0.56733	0.56733	0.000	-12.01358	20.00000	Averaged	
	19 Methyl Acetate	0.02138	0.01524	0.01524	0.000	28.71156	20.00000	Averaged	<-
	20 MTBE	0.25941	0.25816	0.25816	0.000	0.48180	20.00000	Averaged	
M	21 1,2-Dichloroethene (total)	0.26688	0.25705	0.25705	0.000	3.68212	20.00000	Averaged	
	22 Acetonitrile	50.00000	45.16279	0.00551	0.000	9.67442	20.00000	Linear	
	23 Acrylonitrile	0.02206	0.02359	0.02359	0.000	-6.91686	20.00000	Averaged	
	24 1,1-Dichloroethane	0.50543	0.49171	0.49171	0.100	2.71434	20.00000	Averaged	
	25 2-Chloro-1,3-butadiene	0.40705	0.42103	0.42103	0.000	-3.43449	20.00000	Averaged	
	26 Vinyl acetate	0.12793	0.15857	0.15857	0.000	-23.94856	20.00000	Averaged	<-
	27 cis-1,2-Dichloroethene	0.24685	0.24205	0.24205	0.000	1.94406	20.00000	Averaged	
	28 2,2-Dichloropropane	0.42142	0.42362	0.42362	0.000	-0.52288	20.00000	Averaged	
	29 Bromochloromethane	0.05730	0.05448	0.05448	0.000	4.91652	20.00000	Averaged	
	30 Cyclohexane	0.44342	0.45171	0.45171	0.000	-1.87014	20.00000	Averaged	
	31 Chloroform	0.41391	0.40218	0.40218	0.000	2.83398	20.00000	Averaged	
	32 Ethyl acetate	20.00000	41.90016	0.02509	0.000	-110	20.00000	Linear	<-
	33 Carbon Tetrachloride	0.33824	0.33558	0.33558	0.000	0.78443	20.00000	Averaged	
	34 Isobutanol	0.00385	0.00369	0.00369	0.000	4.25183	20.00000	Averaged	
	35 Tetrahydrofuran	0.00575	0.00571	0.00571	0.000	0.84711	20.00000	Averaged	
$	36 Dibromofluoromethane	0.14825	0.15342	0.15342	0.000	-3.48519	20.00000	Averaged	
	37 1,1,1-Trichloroethane	0.40692	0.40510	0.40510	0.000	0.44596	20.00000	Averaged	
	38 2-Butanone	10.00000	8.54438	0.01704	0.000	14.55620	20.00000	Linear	
	39 1,1-Dichloropropene	0.39441	0.39212	0.39212	0.000	0.57977	20.00000	Averaged	
	40 Benzene	1.15695	1.07491	1.07491	0.000	7.09090	20.00000	Averaged	
	41 Propionitrile	0.00705	0.00733	0.00733	0.000	-3.99261	20.00000	Averaged	
	42 Methacrylonitrile	0.03220	0.04128	0.04128	0.000	-28.22022	20.00000	Averaged	<-

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LICV7333.D
Analysis Type: WATER
Lab Sample ID: ICV
Method: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m

Injection Date: 17-DEC-2007 18:01
Init. Cal. Date(s): 17-DEC-2007 17-DEC-2007
Init. Cal. Times: 14:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$	43 1,2-Dichloroethane-d4	0.11659	0.12117	0.12117	0.000	-3.92856	20.00000	Averaged	
	44 1,2-Dichloroethane	0.15535	0.15219	0.15219	0.000	2.03118	20.00000	Averaged	
	46 n-Butanol	0.00081	0.00091	0.00091	0.000	-11.71439	20.00000	Averaged	
	47 Methylcyclohexane	0.41985	0.42944	0.42944	0.000	-2.28426	20.00000	Averaged	
	48 Trichloroethene	0.28021	0.25917	0.25917	0.000	7.50889	20.00000	Averaged	
	49 Dibromomethane	0.05005	0.04968	0.04968	0.000	0.74255	20.00000	Averaged	
	50 1,2-Dichloropropane	0.21925	0.20828	0.20828	0.000	5.00519	20.00000	Averaged	
	51 Bromodichloromethane	0.21040	0.20800	0.20800	0.000	1.14274	20.00000	Averaged	
M	52 Xylenes (total)	0.88254	0.84776	0.84776	0.000	3.94124	20.00000	Averaged	
	53 Methyl methacrylate	0.04122	0.04481	0.04481	0.000	-8.72124	20.00000	Averaged	
	54 1,4-Dioxane	200	172	0.00092	0.000	14.21522	20.00000	Linear	
	55 2-chloroethyl vinyl ether	0.02712	0.03249	0.03249	0.000	-19.81164	20.00000	Averaged	
	56 cis-1,3-Dichloropropene	0.21726	0.21325	0.21325	0.000	1.84796	20.00000	Averaged	
$	57 Toluene-d8	1.49517	1.58795	1.58795	0.000	-6.20545	20.00000	Averaged	
	58 Toluene	2.09585	2.05710	2.05710	0.000	1.84861	20.00000	Averaged	
	59 2-Nitro-Propane	10.00000	10.42729	0.05890	0.000	-4.27292	20.00000	Linear	
	60 4-Methyl-2-pentanone	0.08894	0.09587	0.09587	0.000	-7.78893	20.00000	Averaged	
	61 trans-1,3-Dichloropropene	0.24950	0.27020	0.27020	0.000	-8.29473	20.00000	Averaged	
	62 Tetrachloroethene	10.00000	9.78808	0.34172	0.000	2.11922	20.00000	Linear	
	63 Ethyl methacrylate	10.00000	9.60922	0.16989	0.000	3.90778	20.00000	Linear	
	64 1,1,2-Trichloroethane	0.15473	0.14847	0.14847	0.000	4.04833	20.00000	Averaged	
	65 Chlorodibromomethane	0.14873	0.14970	0.14970	0.000	-0.64804	20.00000	Averaged	
	66 1,3-Dichloropropane	0.28493	0.28617	0.28617	0.000	-0.43822	20.00000	Averaged	
	67 1,2-Dibromoethane	0.11001	0.11495	0.11495	0.000	-4.49231	20.00000	Averaged	
	68 2-Hexanone	10.00000	10.03703	0.05262	0.000	-0.37028	20.00000	Linear	
	69 Ethylbenzene	0.75255	0.72963	0.72963	0.000	3.04546	20.00000	Averaged	
	71 Chlorobenzene	1.07252	0.99625	0.99625	0.300	7.11150	20.00000	Averaged	
	72 1,1,1,2-Tetrachloroethane	0.28721	0.26992	0.26992	0.000	6.01894	20.00000	Averaged	
	73 m,p-Xylenes	0.94981	0.89896	0.89896	0.000	5.35368	20.00000	Averaged	
	74 o-Xylene	0.74799	0.74534	0.74534	0.000	0.35414	20.00000	Averaged	
	75 Styrene	10.00000	9.57243	1.04624	0.000	4.27571	20.00000	Linear	
	76 Bromoform	0.16086	0.17947	0.17947	0.100	-11.57000	20.00000	Averaged	
	77 Isopropylbenzene	5.64746	5.46531	5.46531	0.000	3.22537	20.00000	Averaged	
$	78 4-Bromofluorobenzene	0.98266	1.05304	1.05304	0.000	-7.16189	20.00000	Averaged	
	79 n-Propylbenzene	7.86499	7.77272	7.77272	0.000	1.17316	20.00000	Averaged	
	80 Bromobenzene	0.79957	0.77487	0.77487	0.000	3.08918	20.00000	Averaged	
	81 1,1,2,2-Tetrachloroethane	0.40608	0.39098	0.39098	0.300	3.71780	20.00000	Averaged	
	82 1,3,5-Trimethylbenzene	4.78326	4.85230	4.85230	0.000	-1.44328	20.00000	Averaged	
	83 2-Chlorotoluene	3.75369	3.76763	3.76763	0.000	-0.37146	20.00000	Averaged	
	84 1,2,3-Trichloropropane	0.10496	0.10530	0.10530	0.000	-0.31849	20.00000	Averaged	
	85 trans-1,4-dichloro-2-butene	10.00000	12.01407	0.11532	0.000	-20.14066	20.00000	Linear	<-
	86 4-Chlorotoluene	3.50668	3.60619	3.60619	0.000	-2.83770	20.00000	Averaged	

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LICV7333.D
Analysis Type: WATER
Lab Sample ID: ICV
Method: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m

Injection Date: 17-DEC-2007 18:01
Init. Cal. Date(s): 17-DEC-2007 17-DEC-2007
Init. Cal. Times: 14:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
87	Cyclohexanone	100	99	0.00992	0.000	0.52868	20.00000	Quadratic	
88	t-Butylbenzene	4.27455	4.27948	4.27948	0.000	-0.11533	20.00000	Averaged	
89	Pentachloroethane	10.00000	10.54138	0.41607	0.000	-5.41375	20.00000	Linear	
90	1,2,4-Trimethylbenzene	4.63758	4.59741	4.59741	0.000	0.86627	20.00000	Averaged	
91	sec-Butylbenzene	7.01564	6.92659	6.92659	0.000	1.26940	20.00000	Averaged	
92	4-Isopropyltoluene	5.32575	5.34831	5.34831	0.000	-0.42352	20.00000	Averaged	
93	1,3-Dichlorobenzene	1.84136	1.83931	1.83931	0.000	0.11103	20.00000	Averaged	
95	1,4-Dichlorobenzene	1.81580	1.73650	1.73650	0.000	4.36718	20.00000	Averaged	
96	n-Butylbenzene	5.67056	5.89771	5.89771	0.000	-4.00572	20.00000	Averaged	
98	1,2-Dichlorobenzene	1.36228	1.31327	1.31327	0.000	3.59730	20.00000	Averaged	
99	1,2-Dibromo-3-chloropropane	0.04332	0.04548	0.04548	0.000	-5.00831	20.00000	Averaged	
100	Hexachlorobutadiene	0.53565	0.56959	0.56959	0.000	-6.33620	20.00000	Averaged	
101	1,2,4-Trichlorobenzene	0.61457	0.70684	0.70684	0.000	-15.01328	20.00000	Averaged	
102	Naphthalene	10.00000	10.98813	0.90265	0.000	-9.88126	20.00000	Linear	
103	1,2,3-Trichlorobenzene	0.34401	0.42529	0.42529	0.000	-23.62745	20.00000	Averaged	<-
143	Nonanal	10.00000	8.42111	0.06640	0.000	15.78889	20.00000	Linear	

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Lab Smp Id: ICV Client Smp ID: ICV
Inj Date : 17-DEC-2007 18:01
Operator : XIA Inst ID: MSL.i
Smp Info : ICV;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 12:18 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 8 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	3.461	3.461	(0.358)	323924	10.0000	8.186
2	Freon-114	135	3.741	3.741	(0.387)	154592	10.0000	16.60
3	Chloromethane	50	3.902	3.902	(0.403)	554648	10.0000	7.709
4	Vinyl Chloride	62	4.097	4.097	(0.424)	575258	10.0000	9.444
5	Bromomethane	94	4.800	4.800	(0.496)	434699	10.0000	11.35
6	Chloroethane	64	5.036	5.036	(0.521)	380675	10.0000	10.34
7	Trichlorofluoromethane	101	5.279	5.279	(0.546)	507031	10.0000	9.424
8	Diethyl ether	59	5.792	5.792	(0.599)	209020	20.0000	20.09
9	1,1-Dichloroethene	96	6.155	6.155	(0.636)	298197	10.0000	10.11
10	1,1,2-Trichlorofluoroethane	101	6.133	6.133	(0.634)	314289	10.0000	10.55
11	Carbon Disulfide	76	6.308	6.308	(0.652)	1033460	10.0000	10.66
12	Iodomethane	142	6.436	6.436	(0.665)	115047	10.0000	11.17
13	Acrolein	56	6.619	6.619	(0.684)	25590	50.0000	49.18(M)
14	Allyl chloride	39	6.810	6.810	(0.704)	364239	10.0000	10.93
15	Methylene Chloride	84	6.967	6.967	(0.720)	259120	10.0000	9.421
16	Acetone	43	6.978	6.978	(0.721)	25452	10.0000	9.948
17	trans-1,2-Dichloroethene	96	7.180	7.180	(0.742)	336236	10.0000	9.482
18	n-Hexane	57	7.180	7.180	(0.742)	701182	10.0000	11.20
19	Methyl Acetate	74	7.128	7.128	(0.737)	18839	10.0000	7.129(M)
20	MTBE	73	7.210	7.210	(0.745)	319065	10.0000	9.952
M 21	1,2-Dichloroethene (total)	96				635398	20.0000	19.29
22	Acetonitrile	41	7.570	7.570	(0.783)	34075	50.0000	45.16

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
23	Acrylonitrile	53	7.910	7.910	(0.818)	145763	50.0000	53.46
24	1,1-Dichloroethane	63	7.873	7.873	(0.814)	607723	10.0000	9.728
25	2-Chloro-1,3-butadiene	53	7.839	7.839	(0.810)	520363	10.0000	10.34
26	Vinyl acetate	43	8.082	8.082	(0.836)	195979	10.0000	12.39
27	cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	299162	10.0000	9.806
28	2,2-Dichloropropane	77	8.539	8.539	(0.883)	523567	10.0000	10.05
29	Bromochloromethane	128	8.700	8.700	(0.899)	67336	10.0000	9.508
30	Cyclohexane	84	8.666	8.666	(0.896)	558288	10.0000	10.19
31	Chloroform	83	8.707	8.707	(0.900)	497075	10.0000	9.717
32	Ethyl acetate	43	8.748	8.748	(0.904)	62029	20.0000	41.90
33	Carbon Tetrachloride	117	8.898	8.898	(0.920)	414760	10.0000	9.922
34	Isobutanol	42	8.894	8.894	(0.920)	91215	200.000	191.5
35	Tetrahydrofuran	71	8.894	8.894	(0.920)	35256	50.0000	49.58
$ 36	Dibromofluoromethane	113	8.906	8.906	(0.921)	189619	10.0000	10.35
37	1,1,1-Trichloroethane	97	8.932	8.932	(0.923)	500682	10.0000	9.955
38	2-Butanone	43	8.965	8.965	(0.927)	21065	10.0000	8.544
39	1,1-Dichloropropene	75	9.051	9.051	(0.936)	484641	10.0000	9.942
40	Benzene	78	9.313	9.313	(0.963)	1328519	10.0000	9.291
41	Propionitrile	54	9.272	9.272	(0.959)	45281	50.0000	52.00
42	Methacrylonitrile	41	9.287	9.287	(0.960)	255120	50.0000	64.11
$ 43	1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	149754	10.0000	10.39
44	1,2-Dichloroethane	62	9.512	9.512	(0.983)	188097	10.0000	9.797
* 45	Fluorobenzene	96	9.673	9.673	(1.000)	1235938	10.0000	
46	n-Butanol	56	10.032	10.032	(1.037)	11208	100.000	111.7(M)
47	Methylcyclohexane	55	9.811	9.811	(1.014)	530757	10.0000	10.23
48	Trichloroethene	130	9.852	9.852	(1.019)	320321	10.0000	9.249
49	Dibromomethane	93	10.309	10.309	(1.066)	61399	10.0000	9.926
50	1,2-Dichloropropane	63	10.324	10.324	(1.067)	257421	10.0000	9.499
51	Bromodichloromethane	83	10.387	10.387	(1.074)	257071	10.0000	9.886
M 52	Xylenes (total)	106				1764549	30.0000	28.89
53	Methyl methacrylate	69	10.402	10.402	(1.075)	55385	10.0000	10.87
54	1,4-Dioxane	88	10.552	10.552	(1.091)	22859	200.000	171.6(M)
55	2-chloroethyl vinyl ether	63	10.803	10.803	(1.117)	40159	10.0000	11.98
56	cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	263558	10.0000	9.815
$ 57	Toluene-d8	98	11.083	11.083	(0.885)	1101739	10.0000	10.62
58	Toluene	91	11.136	11.136	(0.889)	1427244	10.0000	9.815
59	2-Nitro-Propane	43	11.301	11.301	(0.902)	40868	10.0000	10.43
60	4-Methyl-2-pentanone	43	11.360	11.360	(0.907)	66516	10.0000	10.78
61	trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	187466	10.0000	10.83
62	Tetrachloroethene	164	11.525	11.525	(0.920)	237092	10.0000	9.788
63	Ethyl methacrylate	69	11.506	11.506	(0.918)	117874	10.0000	9.609
64	1,1,2-Trichloroethane	97	11.652	11.652	(0.930)	103008	10.0000	9.595
65	Chlorodibromomethane	129	11.888	11.888	(0.949)	103861	10.0000	10.06
66	1,3-Dichloropropane	76	11.911	11.911	(0.951)	198551	10.0000	10.04
67	1,2-Dibromoethane	107	12.150	12.150	(0.970)	79753	10.0000	10.45
68	2-Hexanone	43	12.116	12.116	(0.967)	36511	10.0000	10.04
69	Ethylbenzene	106	12.498	12.498	(0.998)	506226	10.0000	9.695
* 70	Chlorobenzene-d5	117	12.528	12.528	(1.000)	693812	10.0000	
71	Chlorobenzene	112	12.547	12.547	(1.001)	691207	10.0000	9.289
72	1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	187273	10.0000	9.398
73	m,p-Xylenes	106	12.614	12.614	(1.007)	1247425	20.0000	18.93
74	o-Xylene	106	13.033	13.033	(1.040)	517124	10.0000	9.964
75	Styrene	104	13.089	13.089	(1.045)	725892	10.0000	9.572
76	Bromoform	173	13.254	13.254	(0.900)	45526	10.0000	11.16

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1386374	10.0000	9.677
$ 78	4-Bromofluorobenzene	95	13.647	13.647	(0.927)	267122	10.0000	10.72
79	n-Propylbenzene	91	13.681	13.681	(0.929)	1971690	10.0000	9.883
80	Bromobenzene	156	13.793	13.793	(0.937)	196559	10.0000	9.691
81	1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	99180	10.0000	9.628
82	1,3,5-Trimethylbenzene	105	13.834	13.834	(0.940)	1230873	10.0000	10.14
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	955727	10.0000	10.04
84	1,2,3-Trichloropropane	110	13.939	13.939	(0.947)	26710	10.0000	10.03
85	trans-1,4-dichloro-2-butene	53	13.935	13.935	(0.946)	29252	10.0000	12.01
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	914776	10.0000	10.28
87	Cyclohexanone	55	14.006	14.006	(0.951)	25152	100.000	99.47
88	t-Butylbenzene	119	14.160	14.160	(0.962)	1085568	10.0000	10.01
89	Pentachloroethane	167	14.276	14.276	(0.970)	105544	10.0000	10.54
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1166215	10.0000	9.913
91	sec-Butylbenzene	105	14.332	14.332	(0.973)	1757053	10.0000	9.873
92	4-Isopropyltoluene	119	14.437	14.437	(0.980)	1356695	10.0000	10.04
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	466575	10.0000	9.989
* 94	1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	253668	10.0000	
95	1,4-Dichlorobenzene	146	14.740	14.740	(1.001)	440495	10.0000	9.563
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1496060	10.0000	10.40
98	1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	333135	10.0000	9.640
99	1,2-Dibromo-3-chloropropane	157	15.975	15.975	(1.085)	11538	10.0000	10.50
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	144488	10.0000	10.63
101	1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	179302	10.0000	11.50
102	Naphthalene	128	17.079	17.079	(1.160)	228973	10.0000	10.99
103	1,2,3-Trichlorobenzene	180	17.292	17.292	(1.174)	107882	10.0000	12.36
143	Nonanal	57	15.750	15.750	(1.628)	82064	10.0000	8.421

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

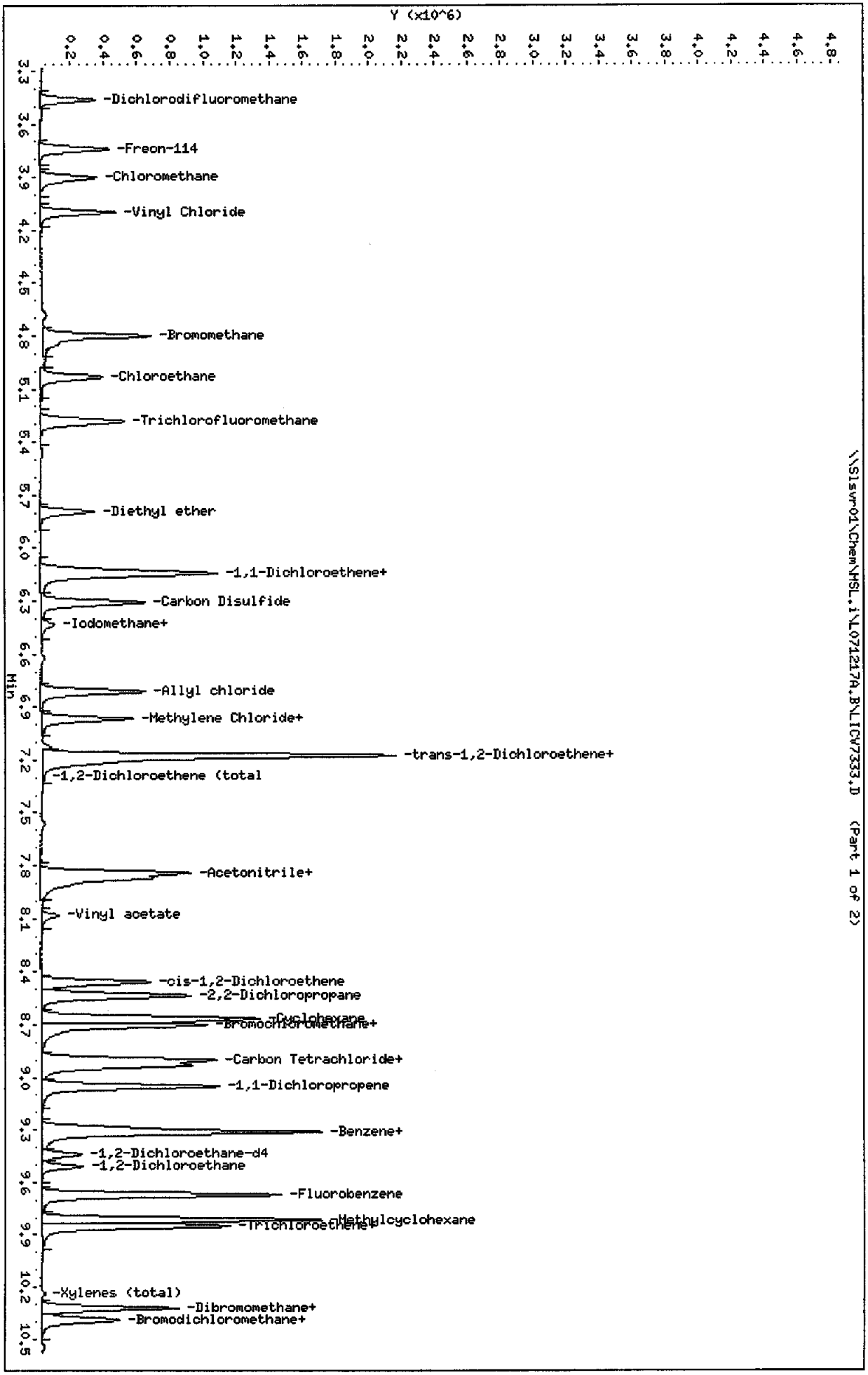
Instrument ID: MSL.i
Lab File ID: LICV7333.D
Lab Smp Id: ICV
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: ICV
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	1235938	25.61
70 Chlorobenzene-d5	563731	281866	1127462	693812	23.08
94 1,4 Dichlorobenze	211084	105542	422168	253668	20.17

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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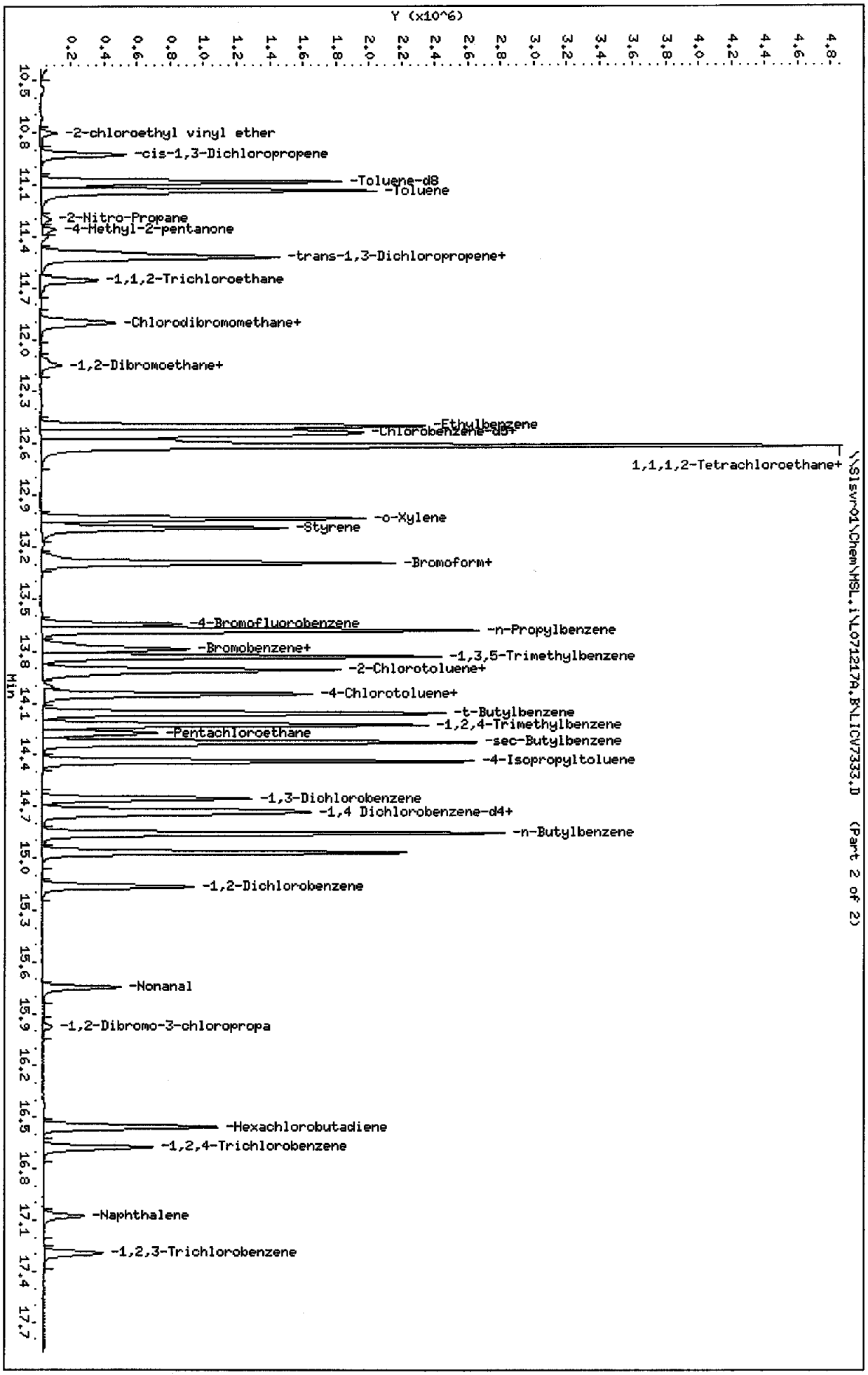
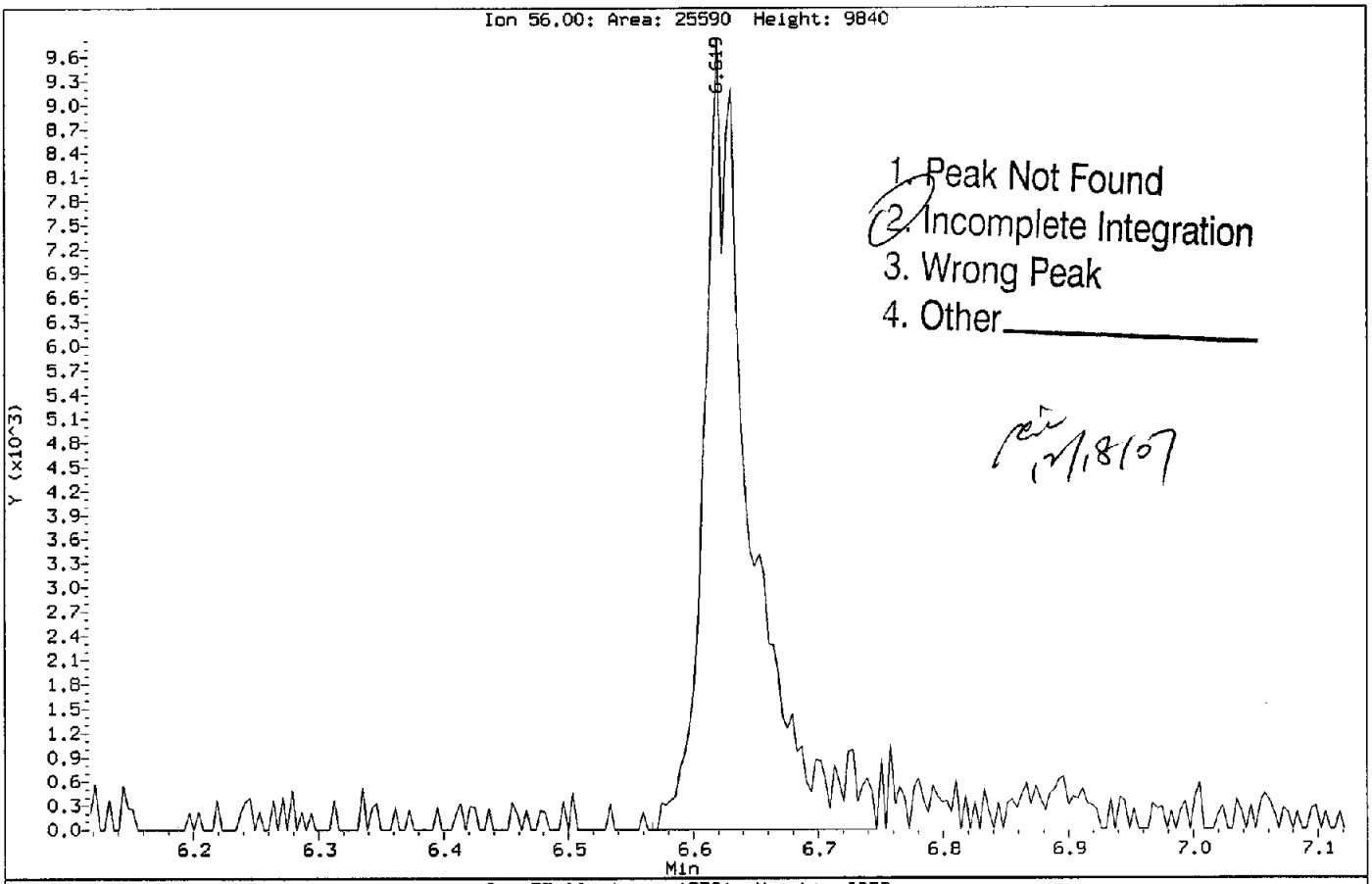
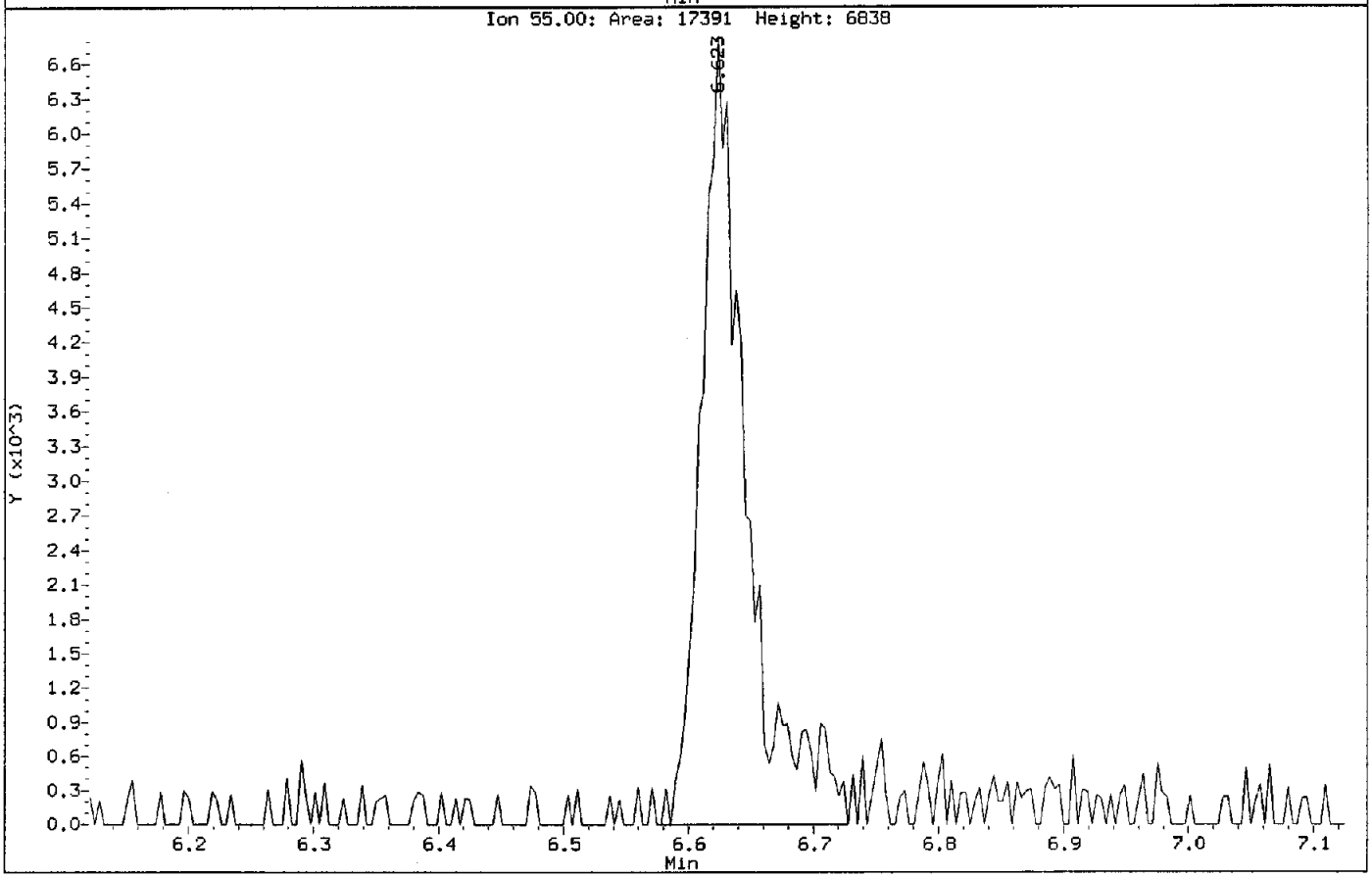
Date : 17-DEC-2007 18:01
Client ID: ICV
Sample Info: ICV;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane+
-Allyl chloride
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-Acetonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+


Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Date : 17-DEC-2007 18:01
Client ID: ICV
Sample Info: ICV;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
\\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D (Part 2 of 2)
-2-chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-Toluene-d8
-Toluene
-2-Nitro-Propane
-4-Methyl-2-pentanone
-trans-1,3-Dichloropropene+
-1,1,2-Trichloroethane
-Chlorodibromomethane+
-1,2-Dibromoethane+
-Ethylbenzene
-Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
-o-Xylene
-Styrene
-Bromoform+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-4-Chlorotoluene+
-t-Butylbenzene
-1,2,4-Trimethylbenzene
-Pentachloroethane
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene
-Nonanal
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Injection Date: 17-DEC-2007 18:01
Instrument: MSL.i
Client Sample ID: ICV

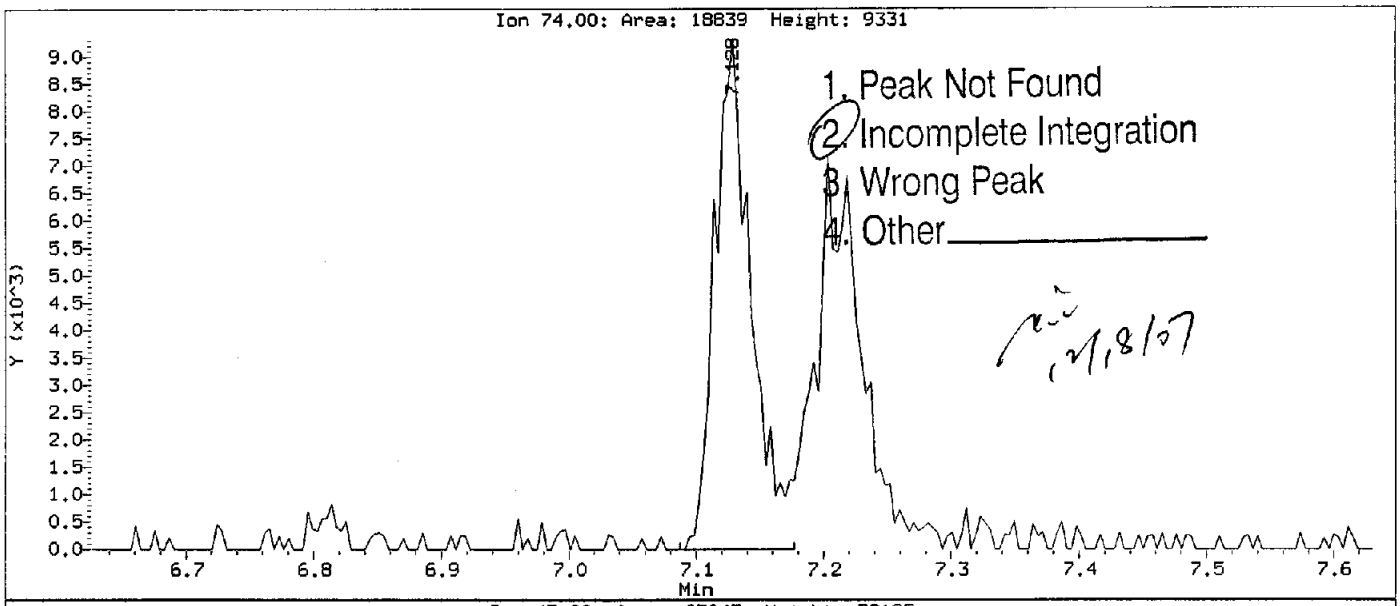
Compound: Acrolein
CAS Number: 107-02-8

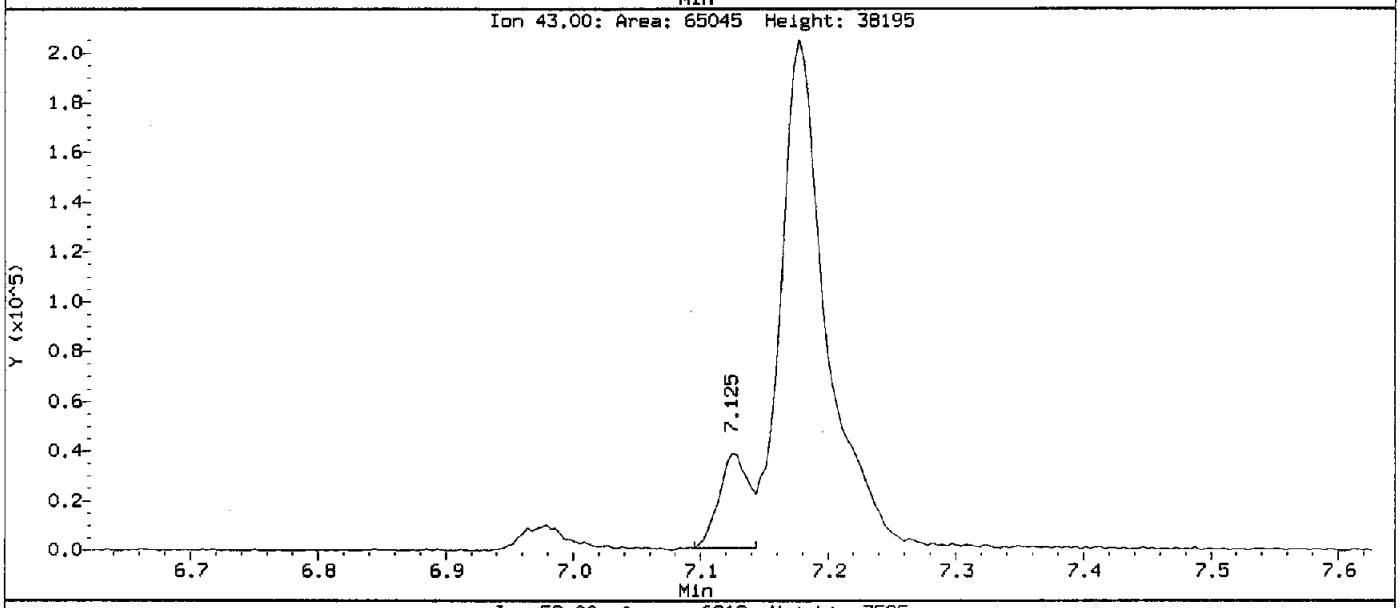


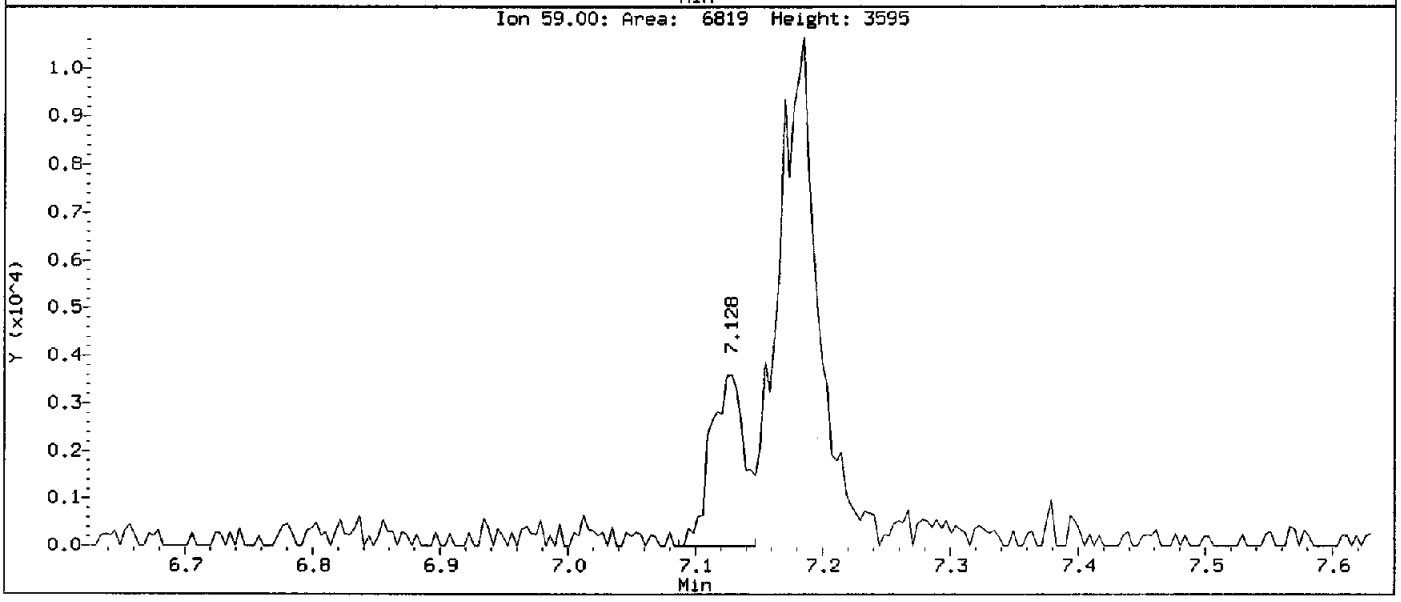


Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Injection Date: 17-DEC-2007 18:01
Instrument: MSL.i
Client Sample ID: ICV

Compound: Methyl Acetate
CAS Number:

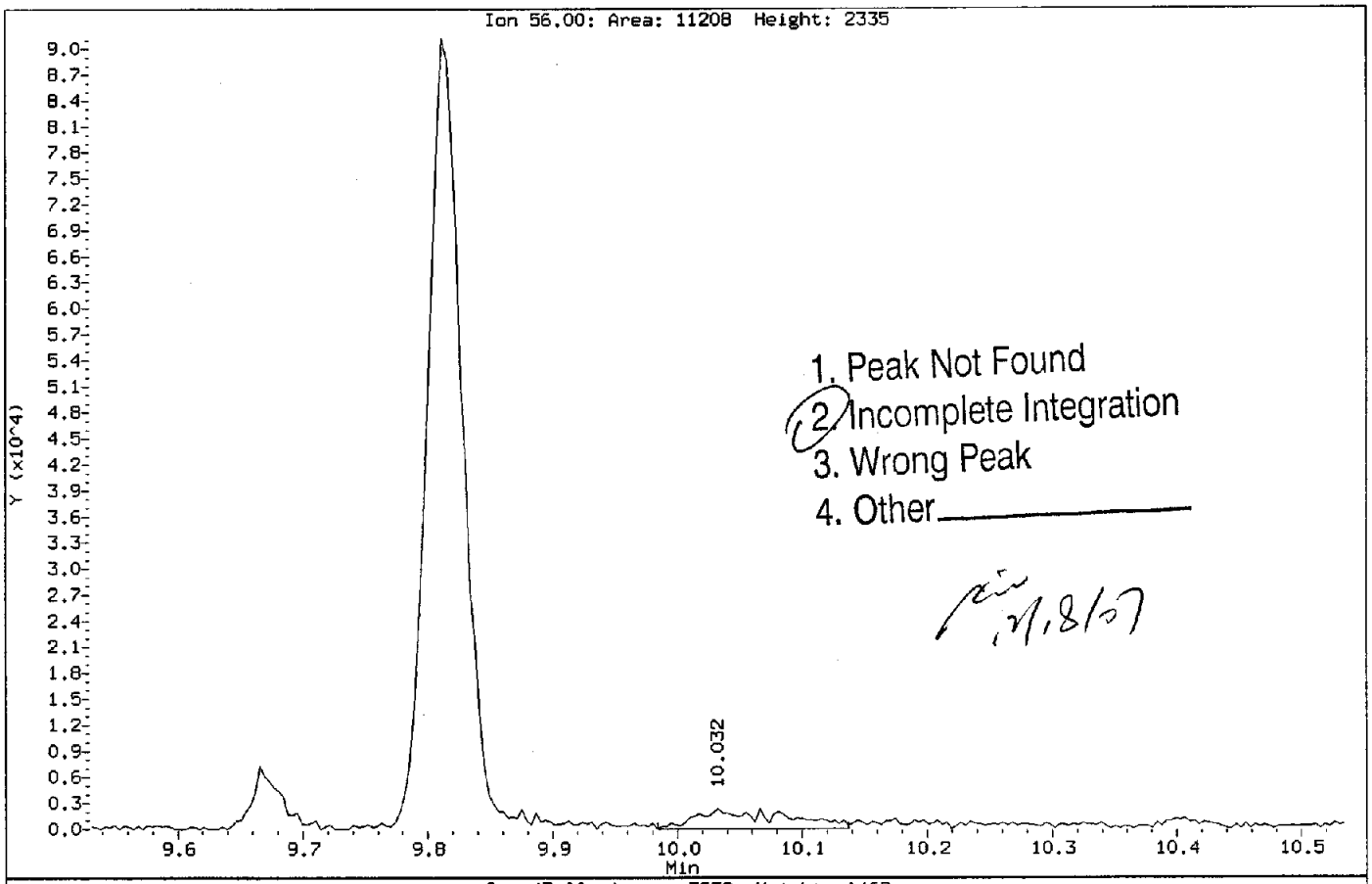


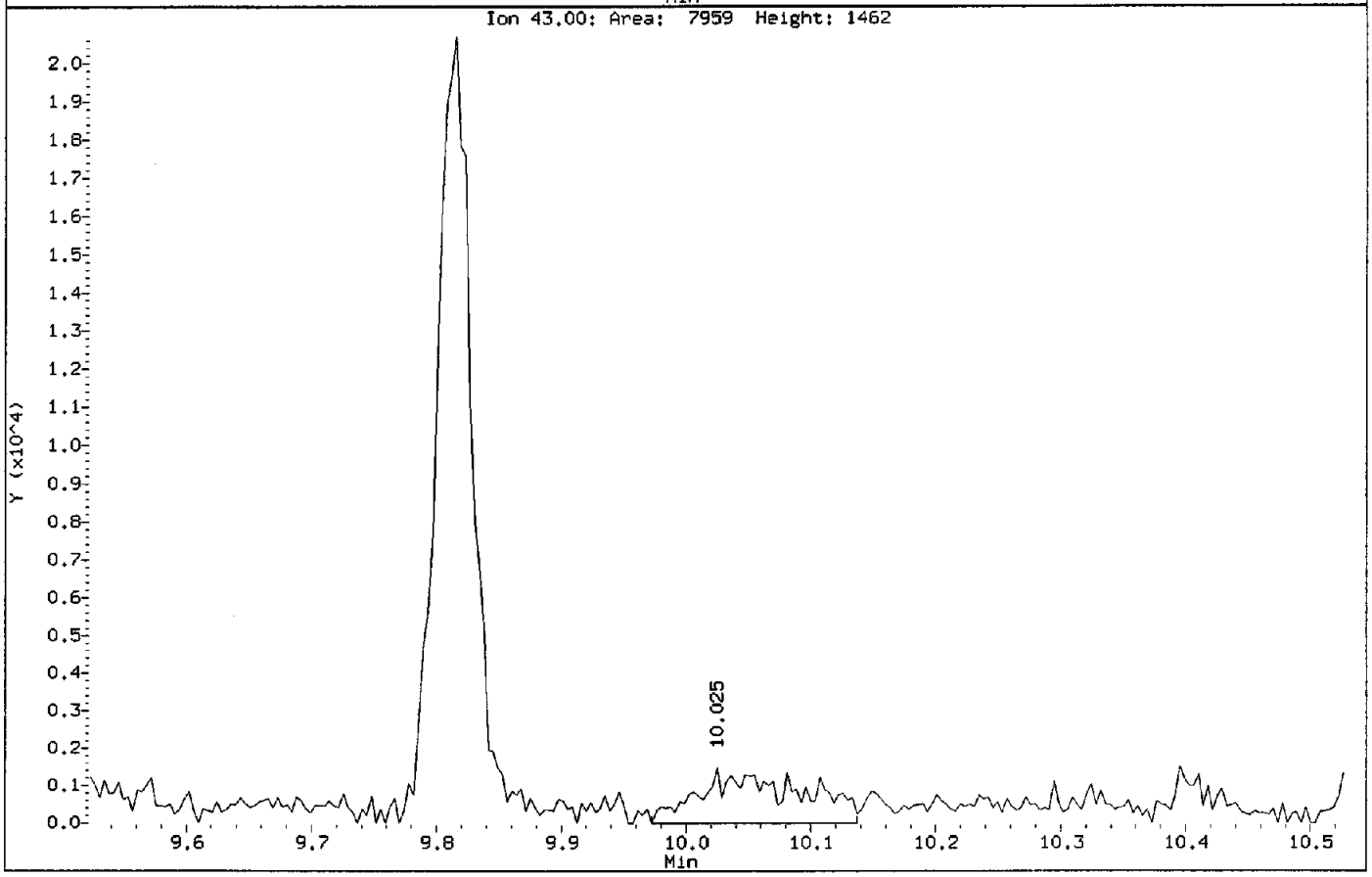




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Injection Date: 17-DEC-2007 18:01
Instrument: MSL.i
Client Sample ID: ICV

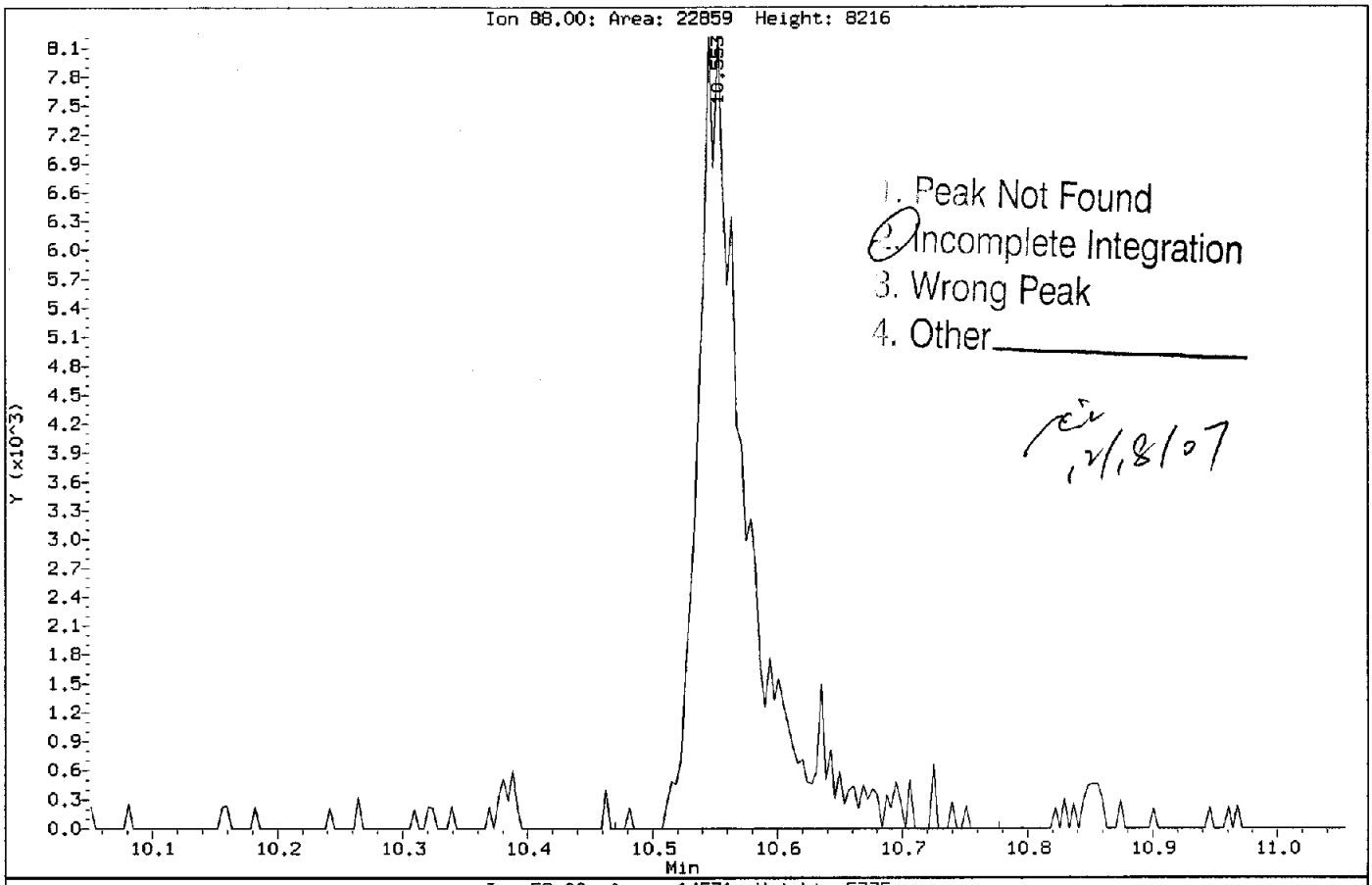
Compound: n-Butanol
CAS Number: 71-36-3

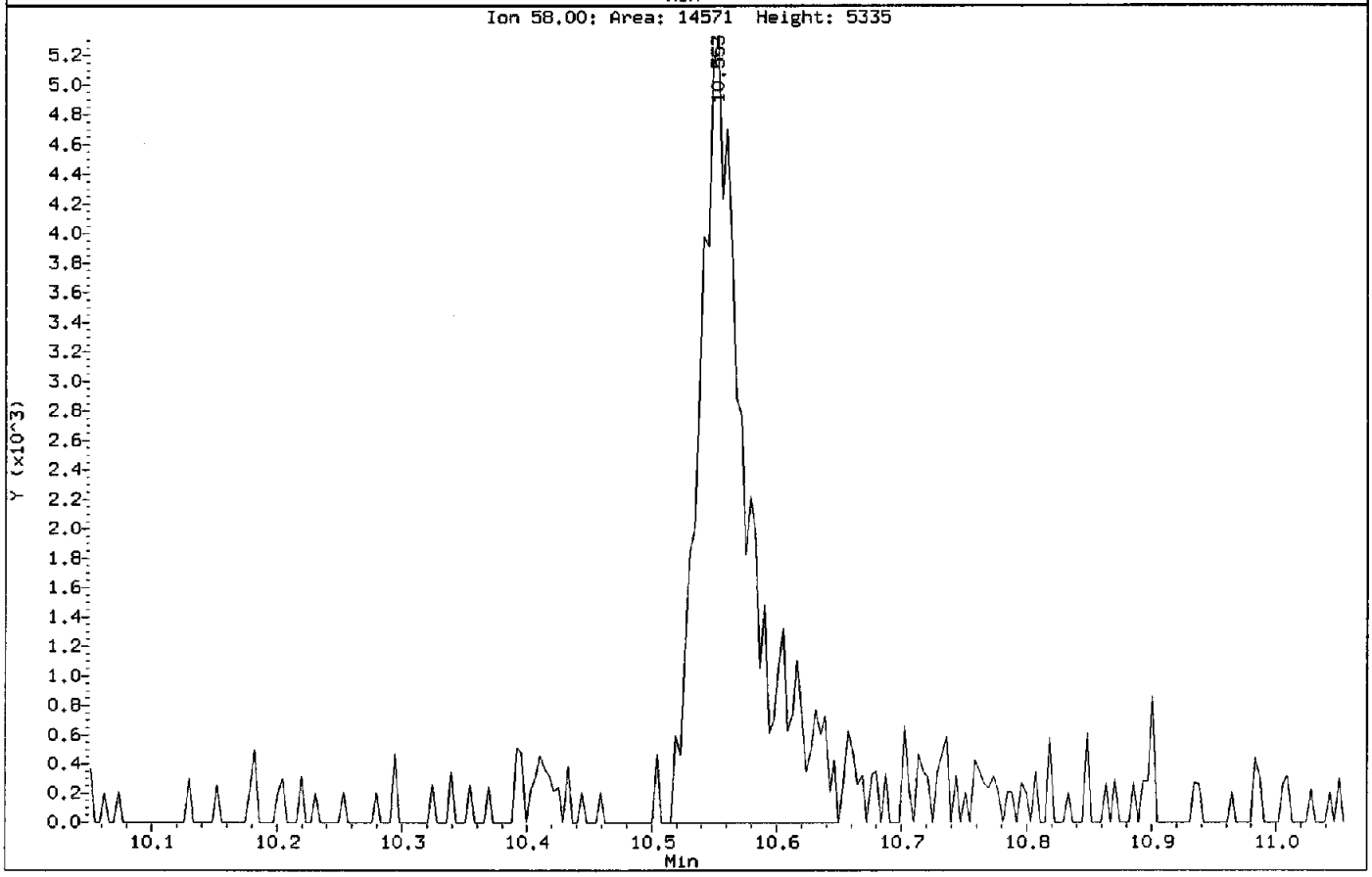




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Injection Date: 17-DEC-2007 18:01
Instrument: MSL.i
Client Sample ID: ICV

Compound: 1,4-Dioxane
CAS Number: 123-91-1





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBFB7451.D

Date : 24-DEC-2007 10:23

Client ID: VBFB

Instrument: MSL.i

Sample Info: 50ng BFB;L071224A.B

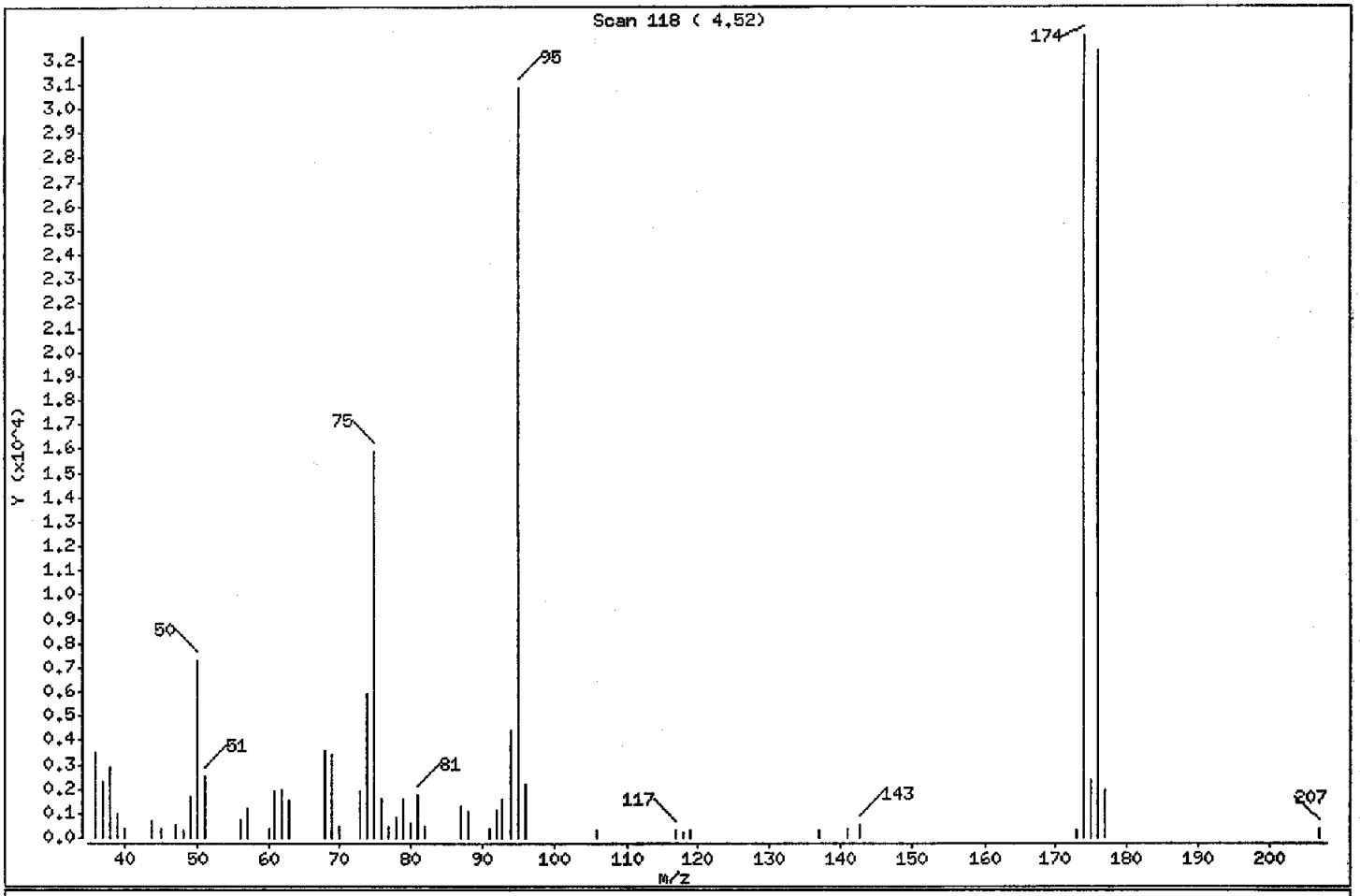
Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.59
75	30.00 - 60.00% of mass 95	51.37
96	5.00 - 9.00% of mass 95	7.25
173	Less than 2.00% of mass 174	0.96 (0.90)
174	Greater than 50.00% of mass 95	106.93
175	5.00 - 9.00% of mass 174	7.75 (7.24)
176	95.00 - 101.00% of mass 174	104.98 (98.18)
177	5.00 - 9.00% of mass 176	6.47 (6.17)

12/24/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBFB7451.D

Date : 24-DEC-2007 10:23

Client ID: VBFB

Instrument: MSL.i

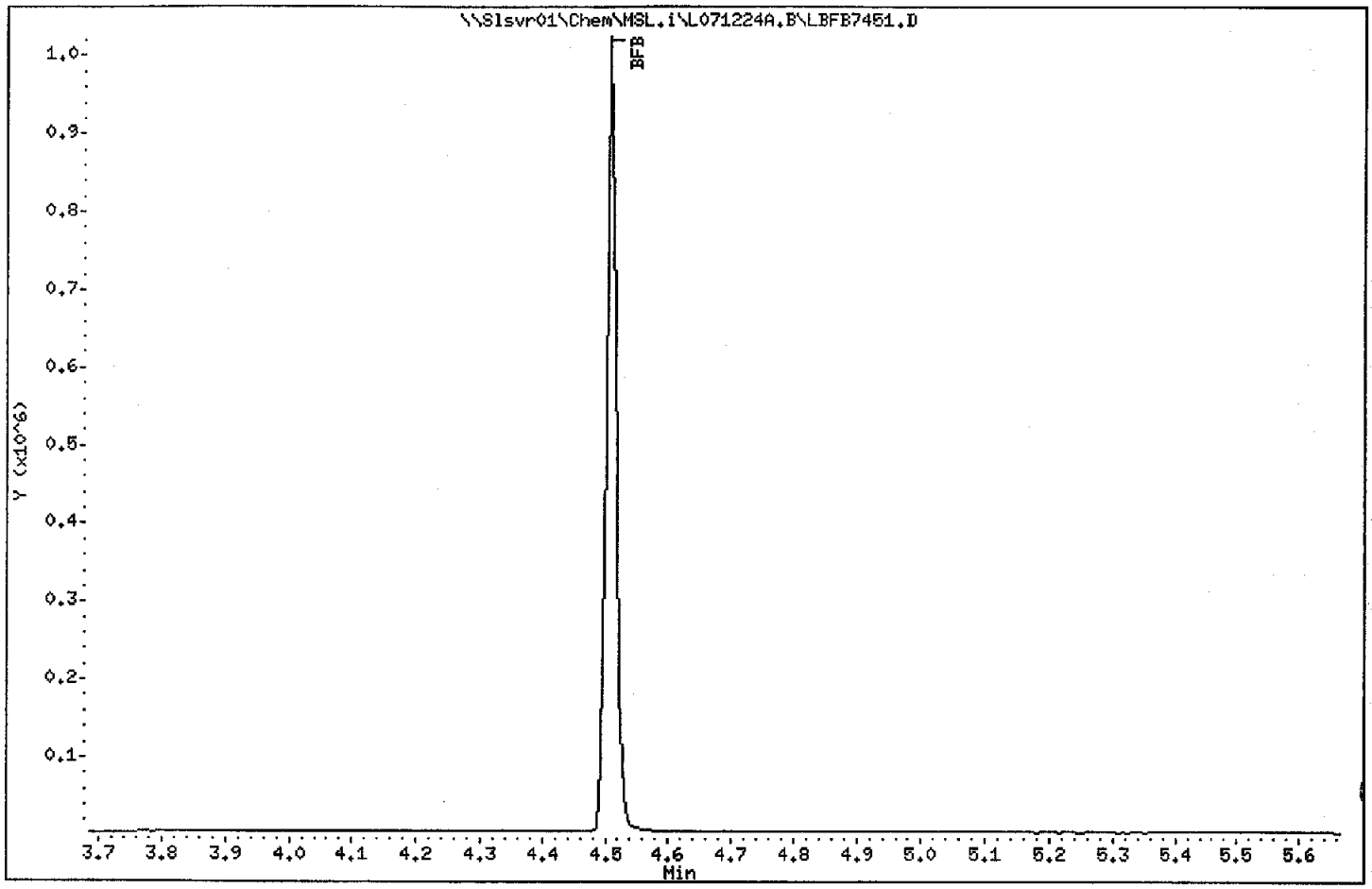
Sample Info: 50ng BFB;L071224A.B

Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53



Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBFB7451.D

Date : 24-DEC-2007 10:23

Client ID: VBFB

Instrument: MSL.i

Sample Info: 50ng BFB;L071224A.B

Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

Data File: LBFB7451.D
Spectrum: Scan 118 (4.52)
Location of Maximum: 173.90
Number of points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3469	60.00	375	79.90	628	118.90	267
37.00	2262	61.00	1919	80.90	1733	136.90	289
38.00	2876	62.00	2005	81.90	429	140.90	413
39.00	1016	63.00	1520	86.90	1262	142.80	500
39.90	365	68.00	3557	87.90	1097	173.00	296
43.90	655	69.00	3394	90.90	362	173.90	32976
45.00	416	70.00	431	92.00	1133	174.90	2389
47.00	522	73.00	1936	92.90	1626	175.90	32376
48.00	297	74.00	5933	94.00	4383	176.90	1996
49.00	1665	75.00	15844	95.00	30840	207.10	382
50.00	7275	76.00	1612	96.00	2236		
51.00	2498	77.00	479	105.80	312		
56.00	767	78.00	808	116.90	334		
57.00	1241	78.90	1624	117.90	263		

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7452.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 10:49
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
	1 Dichlorodifluoromethane	0.32016	0.26542	0.26542	0.000	17.09928	20.00000	Averaged	
	2 Freon-114	0.07533	0.11508	0.11508	0.000	-52.76111	20.00000	Averaged	<-
	3 Chloromethane	0.58212	0.47792	0.47792	0.100	17.90083	20.00000	Averaged	
	4 Vinyl Chloride	0.49282	0.41437	0.41437	0.000	15.91706	20.00000	Averaged	
	5 Bromomethane	0.30980	0.39340	0.39340	0.000	-26.98761	20.00000	Averaged	<-
	6 Chloroethane	0.29779	0.32314	0.32314	0.000	-8.51303	20.00000	Averaged	
	7 Trichlorofluoromethane	0.43532	0.38128	0.38128	0.000	12.41386	20.00000	Averaged	
	8 Diethyl ether	0.08417	0.08797	0.08797	0.000	-4.51828	20.00000	Averaged	
	9 1,1-Dichloroethene	0.23860	0.22803	0.22803	0.000	4.43215	20.00000	Averaged	
	10 1,1,2-Trichlorofluoroethane	0.24110	0.22628	0.22628	0.000	6.14928	20.00000	Averaged	
	11 Carbon Disulfide	0.78406	0.78168	0.78168	0.000	0.30324	20.00000	Averaged	
	12 Iodomethane	0.08331	0.06955	0.06955	0.000	16.52075	20.00000	Averaged	
	13 Acrolein	0.00421	0.00349	0.00349	0.000	17.20604	20.00000	Averaged	
	14 Allyl chloride	0.26964	0.24618	0.24618	0.000	8.69938	20.00000	Averaged	
	15 Methylene Chloride	0.22255	0.22663	0.22663	0.000	-1.83640	20.00000	Averaged	
	16 Acetone	10.00000	10.70291	0.02191	0.000	-7.02913	20.00000	Linear	
	17 trans-1,2-Dichloroethene	0.28690	0.27681	0.27681	0.000	3.51934	20.00000	Averaged	
	18 n-Hexane	0.50648	0.53721	0.53721	0.000	-6.06680	20.00000	Averaged	
	19 Methyl Acetate	0.02138	0.02040	0.02040	0.000	4.56998	20.00000	Averaged	
	20 MTBE	0.25941	0.26094	0.26094	0.000	-0.59182	20.00000	Averaged	
M	21 1,2-Dichloroethene (total)	0.26688	0.26423	0.26423	0.000	0.99235	20.00000	Averaged	
	22 Acetonitrile	50.00000	47.88736	0.00584	0.000	4.22528	20.00000	Linear	
	23 Acrylonitrile	0.02206	0.02471	0.02471	0.000	-12.02654	20.00000	Averaged	
	24 1,1-Dichloroethane	0.50543	0.49326	0.49326	0.100	2.40717	20.00000	Averaged	
	25 2-Chloro-1,3-butadiene	0.40705	0.38376	0.38376	0.000	5.72051	20.00000	Averaged	
	26 Vinyl acetate	0.12793	0.14582	0.14582	0.000	-13.98768	20.00000	Averaged	
	27 cis-1,2-Dichloroethene	0.24685	0.25165	0.25165	0.000	-1.94466	20.00000	Averaged	
	28 2,2-Dichloropropane	0.42142	0.38673	0.38673	0.000	8.23159	20.00000	Averaged	
	29 Bromochloromethane	0.05730	0.05955	0.05955	0.000	-3.92388	20.00000	Averaged	
	30 Cyclohexane	0.44342	0.43755	0.43755	0.000	1.32358	20.00000	Averaged	
	31 Chloroform	0.41391	0.43189	0.43189	0.000	-4.34278	20.00000	Averaged	
	32 Ethyl acetate	20.00000	18.37466	0.01081	0.000	8.12672	20.00000	Linear	
	33 Carbon Tetrachloride	0.33824	0.33146	0.33146	0.000	2.00447	20.00000	Averaged	
	34 Isobutanol	0.00385	0.00397	0.00397	0.000	-3.10079	20.00000	Averaged	
	35 Tetrahydrofuran	0.00575	0.00606	0.00606	0.000	-5.39428	20.00000	Averaged	
$	36 Dibromofluoromethane	0.14825	0.16510	0.16510	0.000	-11.35992	20.00000	Averaged	
	37 1,1,1-Trichloroethane	0.40692	0.37852	0.37852	0.000	6.97925	20.00000	Averaged	
	38 2-Butanone	10.00000	8.26809	0.01648	0.000	17.31910	20.00000	Linear	
	39 1,1-Dichloropropene	0.39441	0.37946	0.37946	0.000	3.79162	20.00000	Averaged	
	40 Benzene	1.15695	1.13001	1.13001	0.000	2.32798	20.00000	Averaged	
	41 Propionitrile	0.00705	0.00720	0.00720	0.000	-2.23159	20.00000	Averaged	
	42 Methacrylonitrile	0.03220	0.04304	0.04304	0.000	-33.67620	20.00000	Averaged	<-

12/24/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7452.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 10:49
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$	43 1,2-Dichloroethane-d4	0.11659	0.12267	0.12267	0.000	-5.22264	20.00000	Averaged	
	44 1,2-Dichloroethane	0.15535	0.15180	0.15180	0.000	2.28133	20.00000	Averaged	
	46 n-Butanol	0.00081	0.00109	0.00109	0.000	-33.92000	20.00000	Averaged	<-
	47 Methylcyclohexane	0.41985	0.40131	0.40131	0.000	4.41533	20.00000	Averaged	
	48 Trichloroethene	0.28021	0.27634	0.27634	0.000	1.38332	20.00000	Averaged	
	49 Dibromomethane	0.05005	0.05024	0.05024	0.000	-0.38114	20.00000	Averaged	
	50 1,2-Dichloropropane	0.21925	0.22130	0.22130	0.000	-0.93542	20.00000	Averaged	
	51 Bromodichloromethane	0.21040	0.21238	0.21238	0.000	-0.93926	20.00000	Averaged	
M	52 Xylenes (total)	0.88254	0.82307	0.82307	0.000	6.73848	20.00000	Averaged	
	53 Methyl methacrylate	0.04122	0.06226	0.06226	0.000	-51.04875	20.00000	Averaged	<-
	54 1,4-Dioxane	200	846	0.00376	0.000	-323	20.00000	Linear	<-
	55 2-chloroethyl vinyl ether	0.02712	0.01680	0.01680	0.000	38.05984	20.00000	Averaged	<-
	56 cis-1,3-Dichloropropene	0.21726	0.20768	0.20768	0.000	4.41021	20.00000	Averaged	
$	57 Toluene-d8	1.49517	1.51937	1.51937	0.000	-1.61847	20.00000	Averaged	
	58 Toluene	2.09585	1.92662	1.92662	0.000	8.07452	20.00000	Averaged	
	59 2-Nitro-Propane	10.00000	9.08096	0.05094	0.000	9.19038	20.00000	Linear	
	60 4-Methyl-2-pentanone	0.08894	0.08497	0.08497	0.000	4.46770	20.00000	Averaged	
	61 trans-1,3-Dichloropropene	0.24950	0.23933	0.23933	0.000	4.07616	20.00000	Averaged	
	62 Tetrachloroethene	10.00000	9.59166	0.33481	0.000	4.08337	20.00000	Linear	
	63 Ethyl methacrylate	10.00000	8.81706	0.15369	0.000	11.82937	20.00000	Linear	
	64 1,1,2-Trichloroethane	0.15473	0.14149	0.14149	0.000	8.55955	20.00000	Averaged	
	65 Chlorodibromomethane	0.14873	0.14777	0.14777	0.000	0.64768	20.00000	Averaged	
	66 1,3-Dichloropropane	0.28493	0.27427	0.27427	0.000	3.73967	20.00000	Averaged	
	67 1,2-Dibromoethane	0.11001	0.09733	0.09733	0.000	11.52451	20.00000	Averaged	
	68 2-Hexanone	10.00000	8.99747	0.04688	0.000	10.02533	20.00000	Linear	
	69 Ethylbenzene	0.75255	0.68990	0.68990	0.000	8.32459	20.00000	Averaged	
	71 Chlorobenzene	1.07252	1.11337	1.11337	0.300	-3.80866	20.00000	Averaged	
	72 1,1,1,2-Tetrachloroethane	0.28721	0.27394	0.27394	0.000	4.61960	20.00000	Averaged	
	73 m,p-Xylenes	0.94981	0.88075	0.88075	0.000	7.27136	20.00000	Averaged	
	74 o-Xylene	0.74799	0.70771	0.70771	0.000	5.38513	20.00000	Averaged	
	75 Styrene	10.00000	9.08091	0.99201	0.000	9.19086	20.00000	Linear	
	76 Bromoform	0.16086	0.15927	0.15927	0.100	0.98844	20.00000	Averaged	
	77 Isopropylbenzene	5.64746	4.53580	4.53580	0.000	19.68424	20.00000	Averaged	
$	78 4-Bromofluorobenzene	0.98266	0.86974	0.86974	0.000	11.49104	20.00000	Averaged	
	79 n-Propylbenzene	7.86499	6.38697	6.38697	0.000	18.79233	20.00000	Averaged	
	80 Bromobenzene	0.79957	0.69168	0.69168	0.000	13.49380	20.00000	Averaged	
	81 1,1,2,2-Tetrachloroethane	0.40608	0.35797	0.35797	0.300	11.84760	20.00000	Averaged	
	82 1,3,5-Trimethylbenzene	4.78326	3.97449	3.97449	0.000	16.90839	20.00000	Averaged	
	83 2-Chlorotoluene	3.75369	3.07580	3.07580	0.000	18.05926	20.00000	Averaged	
	84 1,2,3-Trichloropropane	0.10496	0.09567	0.09567	0.000	8.85043	20.00000	Averaged	
	85 trans-1,4-dichloro-2-butene	10.00000	8.58399	0.08166	0.000	14.16009	20.00000	Linear	
	86 4-Chlorotoluene	3.50668	2.95215	2.95215	0.000	15.81369	20.00000	Averaged	

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7452.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 10:49
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
87	Cyclohexanone	100	53.56455	0.00706	0.000	46.43545	20.00000	Quadratic	<-
88	t-Butylbenzene	4.27455	3.54971	3.54971	0.000	16.95725	20.00000	Averaged	
89	Pentachloroethane	10.00000	9.98792	0.39332	0.000	0.12077	20.00000	Linear	
90	1,2,4-Trimethylbenzene	4.63758	3.93839	3.93839	0.000	15.07661	20.00000	Averaged	
91	sec-Butylbenzene	7.01564	5.76058	5.76058	0.000	17.88945	20.00000	Averaged	
92	4-Isopropyltoluene	5.32575	4.52607	4.52607	0.000	15.01542	20.00000	Averaged	
93	1,3-Dichlorobenzene	1.84136	1.63201	1.63201	0.000	11.36897	20.00000	Averaged	
95	1,4-Dichlorobenzene	1.81580	1.68722	1.68722	0.000	7.08103	20.00000	Averaged	
96	n-Butylbenzene	5.67056	4.82861	4.82861	0.000	14.84772	20.00000	Averaged	
98	1,2-Dichlorobenzene	1.36228	1.25506	1.25506	0.000	7.87062	20.00000	Averaged	
99	1,2-Dibromo-3-chloropropane	0.04332	0.04168	0.04168	0.000	3.78516	20.00000	Averaged	
100	Hexachlorobutadiene	0.53565	0.47969	0.47969	0.000	10.44847	20.00000	Averaged	
101	1,2,4-Trichlorobenzene	0.61457	0.69233	0.69233	0.000	-12.65339	20.00000	Averaged	
102	Naphthalene	0.70926	0.78885	0.78885	0.000	-11.22192	20.00000	Averaged	
103	1,2,3-Trichlorobenzene	0.34401	0.45389	0.45389	0.000	-31.94184	20.00000	Averaged	<-
143	Nonanal	10.00000	9.67898	0.07868	0.000	3.21017	20.00000	Linear	

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Lab Smp Id: VSTD10 Client Smp ID: VSTD10
Inj Date : 24-DEC-2007 10:49
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD10;L071224A.B
Misc Info : VBLKL358A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:04 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.464	3.464	(0.358)	319329	10.0000	8.290
	2 Freon-114	135	3.741	3.741	(0.387)	138452	10.0000	15.28
	3 Chloromethane	50	3.898	3.898	(0.403)	574990	10.0000	8.210
	4 Vinyl Chloride	62	4.097	4.097	(0.424)	498539	10.0000	8.408
	5 Bromomethane	94	4.800	4.800	(0.496)	473309	10.0000	12.70
	6 Chloroethane	64	5.032	5.032	(0.520)	388771	10.0000	10.85
	7 Trichlorofluoromethane	101	5.279	5.279	(0.546)	458726	10.0000	8.759
	8 Diethyl ether	59	5.792	5.792	(0.599)	211678	20.0000	20.90
	9 1,1-Dichloroethene	96	6.147	6.147	(0.636)	274343	10.0000	9.557
	10 1,1,2-Trichlorofluoroethane	101	6.132	6.132	(0.634)	272235	10.0000	9.385
	11 Carbon Disulfide	76	6.305	6.305	(0.652)	940452	10.0000	9.970
	12 Iodomethane	142	6.432	6.432	(0.665)	83672	10.0000	8.348
	13 Acrolein	56	6.623	6.623	(0.685)	20967	50.0000	41.40
	14 Allyl chloride	39	6.810	6.810	(0.704)	296182	10.0000	9.130
	15 Methylene Chloride	84	6.967	6.967	(0.721)	272667	10.0000	10.18
	16 Acetone	43	6.967	6.967	(0.721)	26359	10.0000	10.70
	17 trans-1,2-Dichloroethene	96	7.180	7.180	(0.743)	333030	10.0000	9.648
	18 n-Hexane	57	7.177	7.177	(0.742)	646323	10.0000	10.61
	19 Methyl Acetate	74	7.128	7.128	(0.737)	24549	10.0000	9.543(M)
	20 MTBE	73	7.210	7.210	(0.746)	313942	10.0000	10.06
M	21 1,2-Dichloroethene (total)	96				635796	20.0000	19.84
	22 Acetonitrile	41	7.562	7.562	(0.782)	35138	50.0000	47.89

12/24/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
23	Acrylonitrile	53	7.906	7.906	(0.818)	148673	50.0000	56.01
24	1,1-Dichloroethane	63	7.869	7.869	(0.814)	593451	10.0000	9.759
25	2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	461709	10.0000	9.428
26	Vinyl acetate	43	8.078	8.078	(0.836)	175443	10.0000	11.40
27	cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	302766	10.0000	10.19
28	2,2-Dichloropropane	77	8.535	8.535	(0.883)	465276	10.0000	9.177
29	Bromochloromethane	128	8.692	8.692	(0.899)	71642	10.0000	10.39
30	Cyclohexane	84	8.666	8.666	(0.896)	526423	10.0000	9.868
31	Chloroform	83	8.707	8.707	(0.901)	519613	10.0000	10.43
32	Ethyl acetate	43	8.752	8.752	(0.905)	26022	20.0000	18.37
33	Carbon Tetrachloride	117	8.894	8.894	(0.920)	398780	10.0000	9.800
34	Isobutanol	42	8.891	8.891	(0.920)	95611	200.000	206.2
35	Tetrahydrofuran	71	8.891	8.891	(0.920)	36480	50.0000	52.70
$ 36	Dibromofluoromethane	113	8.905	8.905	(0.921)	198629	10.0000	11.14
37	1,1,1-Trichloroethane	97	8.932	8.932	(0.924)	455400	10.0000	9.302
38	2-Butanone	43	8.962	8.962	(0.927)	19825	10.0000	8.268
39	1,1-Dichloropropene	75	9.048	9.048	(0.936)	456529	10.0000	9.621
40	Benzene	78	9.313	9.313	(0.963)	1359533	10.0000	9.767
41	Propionitrile	54	9.272	9.272	(0.959)	43332	50.0000	51.12
42	Methacrylonitrile	41	9.283	9.283	(0.960)	258912	50.0000	66.84
$ 43	1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	147592	10.0000	10.52
44	1,2-Dichloroethane	62	9.512	9.512	(0.984)	182634	10.0000	9.772
* 45	Fluorobenzene	96	9.669	9.669	(1.000)	1203114	10.0000	
46	n-Butanol	56	10.028	10.028	(1.037)	13079	100.000	133.9
47	Methylcyclohexane	55	9.811	9.811	(1.015)	482820	10.0000	9.558
48	Trichloroethene	130	9.852	9.852	(1.019)	332465	10.0000	9.862
49	Dibromomethane	93	10.313	10.313	(1.067)	60445	10.0000	10.04
50	1,2-Dichloropropane	63	10.320	10.320	(1.067)	266255	10.0000	10.09
51	Bromodichloromethane	83	10.387	10.387	(1.074)	255514	10.0000	10.09
M 52	Xylenes (total)	106				1857841	30.0000	28.01
53	Methyl methacrylate	69	10.399	10.399	(1.075)	74904	10.0000	15.10
54	1,4-Dioxane	88	10.545	10.545	(1.091)	90508	200.000	846.2(A)
55	2-chloroethyl vinyl ether	63	10.803	10.803	(1.117)	20210	10.0000	6.194
56	cis-1,3-Dichloropropene	75	10.930	10.930	(1.130)	249861	10.0000	9.559
$ 57	Toluene-d8	98	11.083	11.083	(0.885)	1143178	10.0000	10.16
58	Toluene	91	11.136	11.136	(0.889)	1449596	10.0000	9.192
59	2-Nitro-Propane	43	11.304	11.304	(0.902)	38329	10.0000	9.081
60	4-Methyl-2-pentanone	43	11.360	11.360	(0.907)	63931	10.0000	9.553
61	trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	180074	10.0000	9.592
62	Tetrachloroethene	164	11.521	11.521	(0.920)	251914	10.0000	9.592
63	Ethyl methacrylate	69	11.506	11.506	(0.918)	115634	10.0000	8.817
64	1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	106455	10.0000	9.144
65	Chlorodibromomethane	129	11.892	11.892	(0.949)	111182	10.0000	9.935
66	1,3-Dichloropropane	76	11.911	11.911	(0.951)	206362	10.0000	9.626
67	1,2-Dibromoethane	107	12.146	12.146	(0.970)	73231	10.0000	8.848
68	2-Hexanone	43	12.116	12.116	(0.967)	35273	10.0000	8.997
69	Ethylbenzene	106	12.498	12.498	(0.998)	519085	10.0000	9.168
* 70	Chlorobenzene-d5	117	12.528	12.528	(1.000)	752404	10.0000	
71	Chlorobenzene	112	12.547	12.547	(1.001)	837701	10.0000	10.38
72	1,1,1,2-Tetrachloroethane	131	12.584	12.584	(1.004)	206112	10.0000	9.538
73	m,p-Xylenes	106	12.614	12.614	(1.007)	1325360	20.0000	18.54
74	o-Xylene	106	13.033	13.033	(1.040)	532481	10.0000	9.461
75	Styrene	104	13.089	13.089	(1.045)	746392	10.0000	9.081
76	Bromoform	173	13.258	13.258	(0.900)	50522	10.0000	9.901

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	77 Isopropylbenzene	105	13.291	13.291	(0.903)	1438806	10.0000	8.032
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	275892	10.0000	8.851
	79 n-Propylbenzene	91	13.681	13.681	(0.929)	2026018	10.0000	8.121
	80 Bromobenzene	156	13.793	13.793	(0.937)	219407	10.0000	8.651
	81 1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	113552	10.0000	8.815
	82 1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1260752	10.0000	8.309
	83 2-Chlorotoluene	91	13.909	13.909	(0.945)	975677	10.0000	8.194
	84 1,2,3-Trichloropropane	110	13.939	13.939	(0.947)	30348	10.0000	9.115
	85 trans-1,4-dichloro-2-butene	53	13.931	13.931	(0.946)	25905	10.0000	8.584
	86 4-Chlorotoluene	91	14.047	14.047	(0.954)	936454	10.0000	8.419
	87 Cyclohexanone	55	14.006	14.006	(0.951)	22402	100.000	53.56
	88 t-Butylbenzene	119	14.160	14.160	(0.962)	1126006	10.0000	8.304
	89 Pentachloroethane	167	14.279	14.279	(0.970)	124766	10.0000	9.988
	90 1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1249301	10.0000	8.492
	91 sec-Butylbenzene	105	14.328	14.328	(0.973)	1827320	10.0000	8.211
	92 4-Isopropyltoluene	119	14.437	14.437	(0.980)	1435719	10.0000	8.498
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	517693	10.0000	8.863
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	317211	10.0000	
	95 1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	535206	10.0000	9.292
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	1531689	10.0000	8.515
	98 1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	398118	10.0000	9.213
	99 1,2-Dibromo-3-chloropropane	157	15.978	15.978	(1.085)	13220	10.0000	9.621
	100 Hexachlorobutadiene	225	16.555	16.555	(1.124)	152162	10.0000	8.955
	101 1,2,4-Trichlorobenzene	180	16.682	16.682	(1.133)	219616	10.0000	11.26
	102 Naphthalene	128	17.079	17.079	(1.160)	250232	10.0000	11.12
	103 1,2,3-Trichlorobenzene	180	17.296	17.296	(1.175)	143979	10.0000	13.19
	143 Nonanal	57	15.743	15.743	(1.628)	94657	10.0000	9.679

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

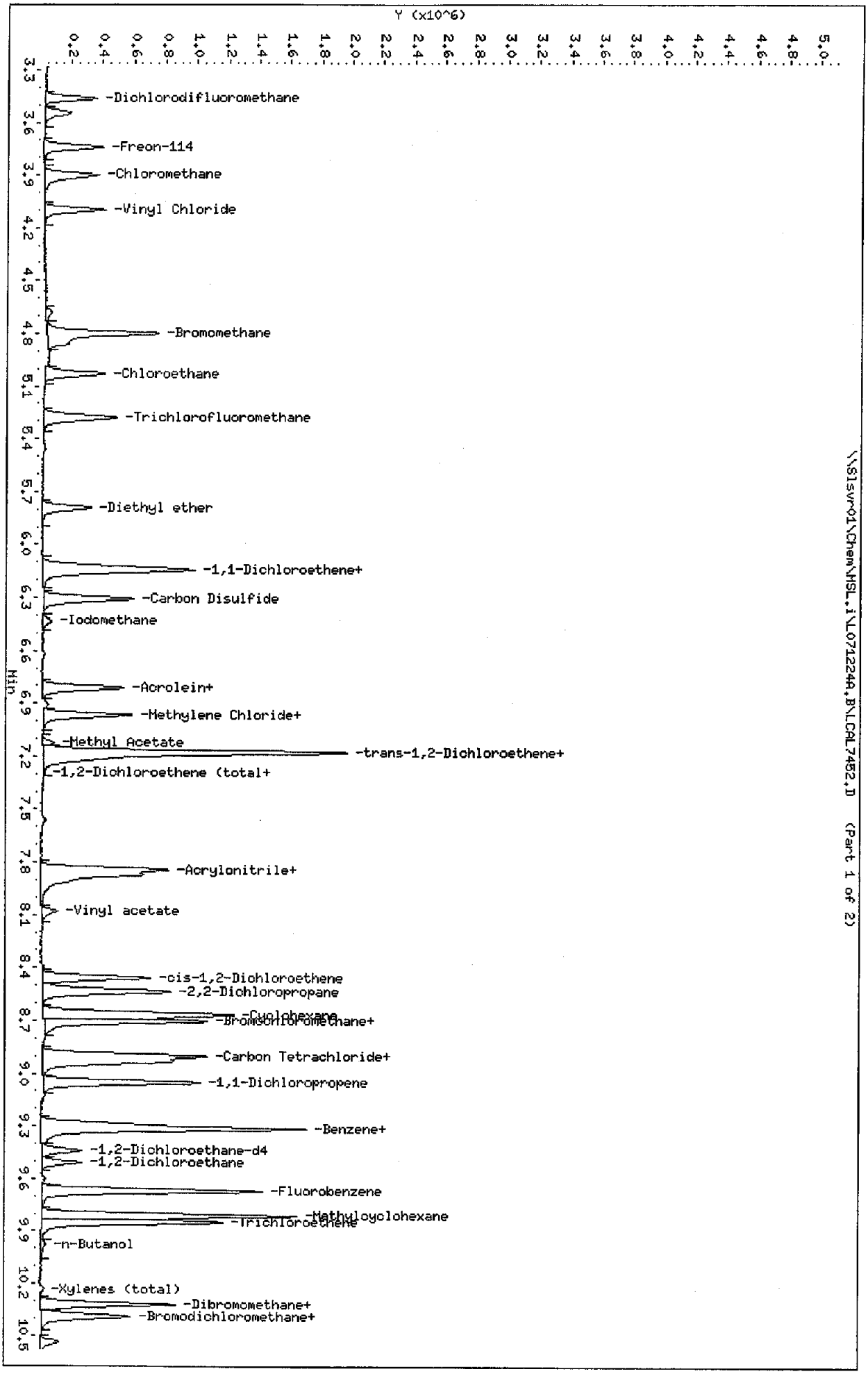
Instrument ID: MSL.i
Lab File ID: LCAL7452.D
Lab Smp Id: VSTD10
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD10
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	1203114	22.27
70 Chlorobenzene-d5	563731	281866	1127462	752404	33.47
94 1,4 Dichlorobenze	211084	105542	422168	317211	50.28

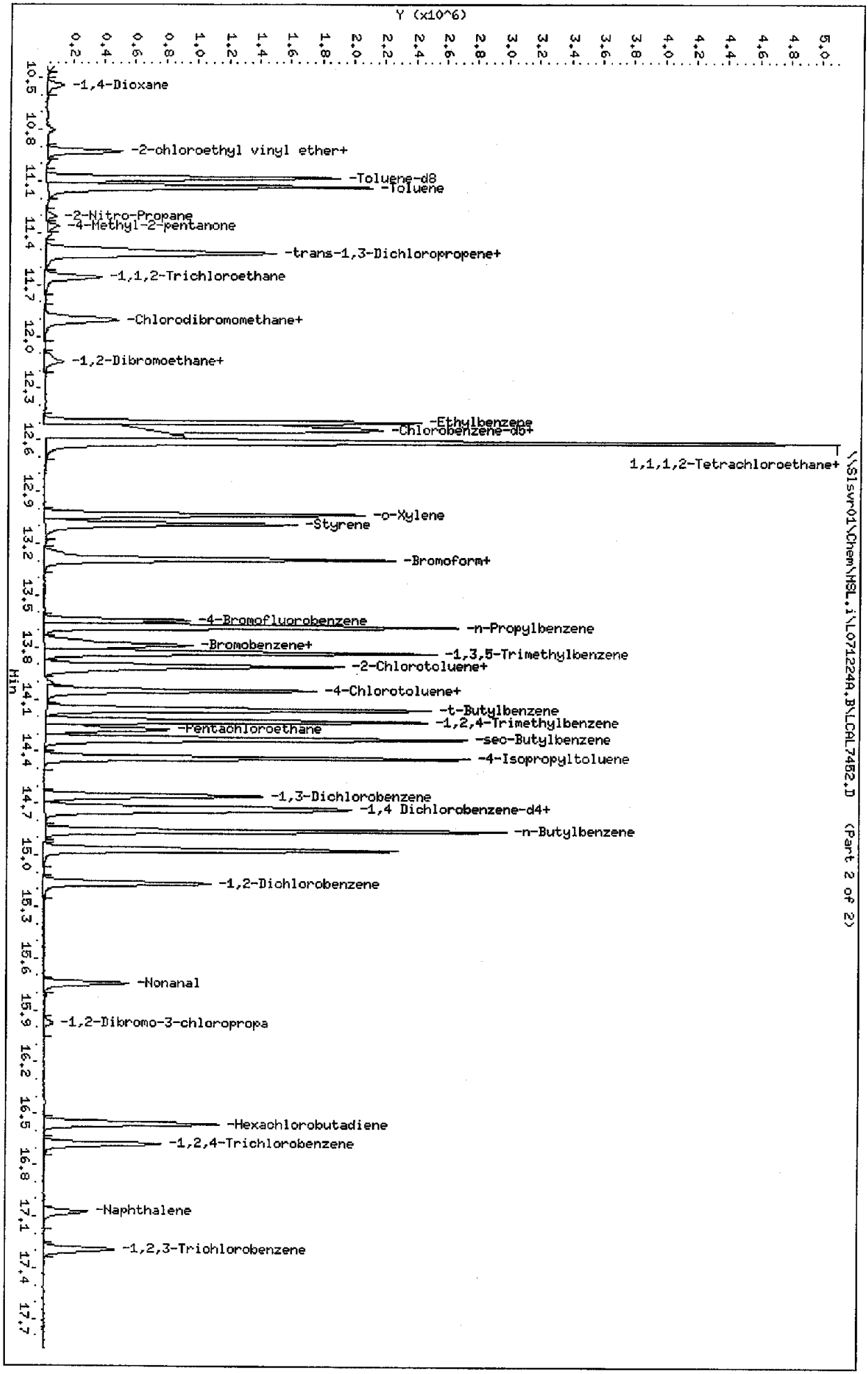
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\Slsvr01\Chem\MSL.i\L0712240.B\LCAL7452.D
Date : 24-DEC-2007 10:49
Client ID: VSTD10
Sample Info: VSTD10;L0712240.B
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

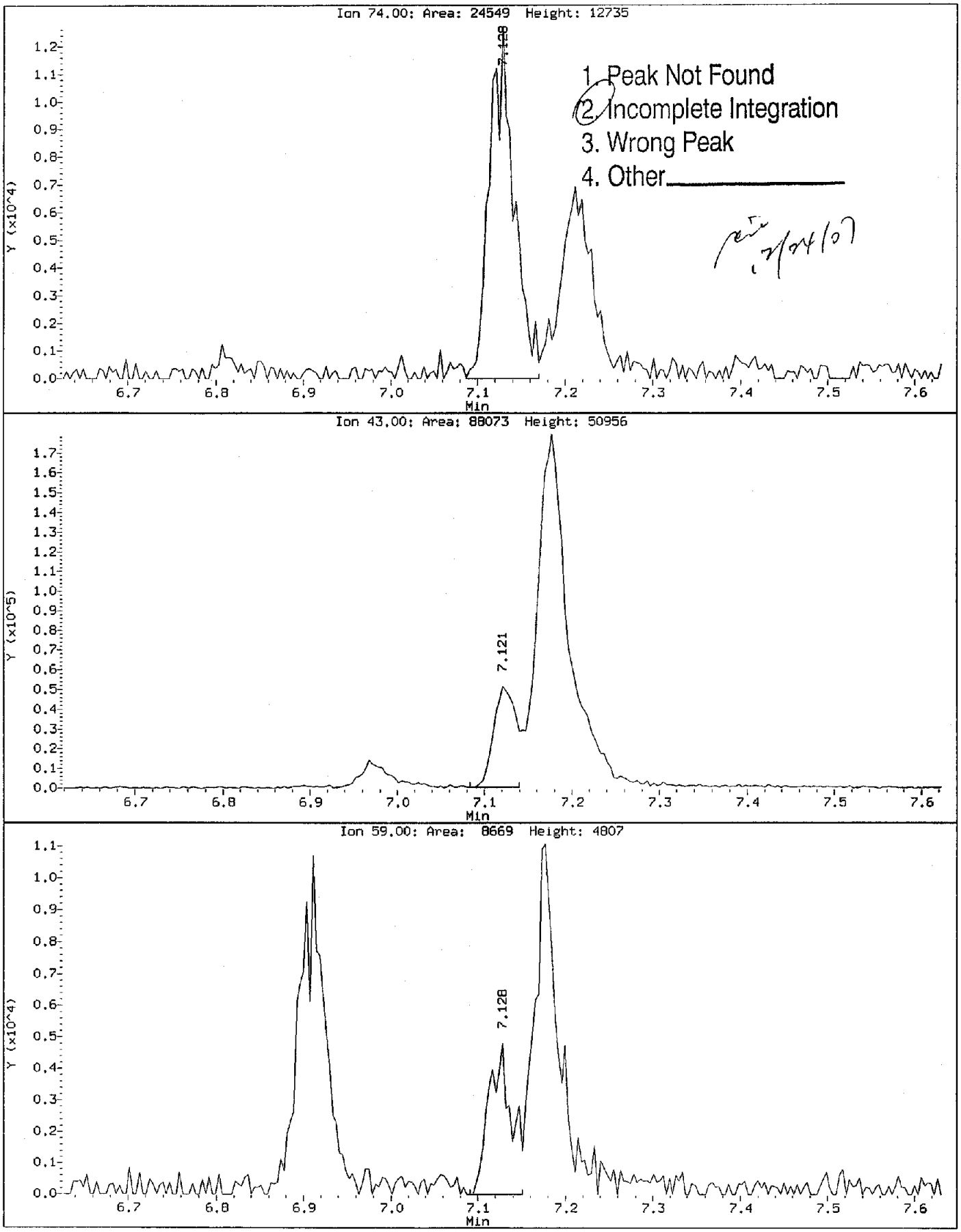


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Date : 24-DEC-2007 10:49
Client ID: VSTD10
Sample Info: VSTD10;L071224A.B
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Injection Date: 24-DEC-2007 10:49
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Methyl Acetate
CAS Number:



Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7453.D
Report Date: 24-Dec-2007 15:12

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7453.D
Analysis Type: WATER
Lab Sample ID: VSTD10-BRC
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 11:16
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
157 Ethanol	0.00331	0.00377	0.00377	0.000	-13.83617	20.00000	Averaged
144 2,2-Dimethylpentane	0.68759	0.62928	0.62928	0.000	8.48060	20.00000	Averaged
145 2,4-Dimethylpentane	0.53481	0.51973	0.51973	0.000	2.81961	20.00000	Averaged
146 2,2,3-Trimethylbutane	0.63832	0.58925	0.58925	0.000	7.68705	20.00000	Averaged
147 3,3-Dimethylpentane	0.68601	0.64656	0.64656	0.000	5.75117	20.00000	Averaged
148 2-Methylhexane	0.57247	0.56006	0.56006	0.000	2.16709	20.00000	Averaged
149 2,3-Dimethylpentane	0.19434	0.18957	0.18957	0.000	2.45684	20.00000	Averaged
150 3-Methylhexane	0.28354	0.25311	0.25311	0.000	10.73239	20.00000	Averaged
156 3-Ethylpentane	0.67279	0.62818	0.62818	0.000	6.63130	20.00000	Averaged
151 Heptane	0.46101	0.43193	0.43193	0.000	6.30718	20.00000	Averaged
152 Dimethyl Disulfide	10.00000	8.19926	0.28729	0.000	18.00739	20.00000	Linear
153 1,3,5-Trichlorobenzene	1.18324	1.03386	1.03386	0.000	12.62512	20.00000	Averaged

12/24/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\LCAL7453.D
Report Date: 24-Dec-2007 15:10

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\LCAL7453.D
Lab Smp Id: VSTD10-BRC Client Smp ID: VSTD10-BRC
Inj Date : 24-DEC-2007 11:16
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD10-BRC;L071224A.B
Misc Info : VBLKL358A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:10 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: BRC.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 45 Fluorobenzene	96	9.669	9.669	(1.000)	1119376	10.0000	
157 Ethanol	45	5.979	5.979	(0.406)	223749	2500.00	2846(M)
144 2,2-Dimethylpentane	57	7.723	7.723	(0.799)	704399	10.0000	9.152
145 2,4-Dimethylpentane	43	7.813	7.813	(0.808)	581778	10.0000	9.718
146 2,2,3-Trimethylbutane	57	8.063	8.063	(0.834)	659596	10.0000	9.231
147 3,3-Dimethylpentane	43	8.423	8.423	(0.871)	723743	10.0000	9.425
148 2-Methylhexane	43	8.524	8.524	(0.882)	626923	10.0000	9.783
149 2,3-Dimethylpentane	71	8.658	8.658	(0.896)	212195	10.0000	9.754
150 3-Methylhexane	57	8.718	8.718	(0.902)	283325	10.0000	8.927
156 3-Ethylpentane	43	8.943	8.943	(0.925)	703169	10.0000	9.337
151 Heptane	43	9.122	9.122	(0.943)	483494	10.0000	9.369
* 70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	631207	10.0000	
152 Dimethyl Disulfide	94	11.020	11.020	(0.880)	181342	10.0000	8.199
* 94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	237698	10.0000	
153 1,3,5-Trichlorobenzene	182	15.978	15.978	(1.085)	245746	10.0000	8.737

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\LCAL7453.D
Report Date: 24-Dec-2007 15:10

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

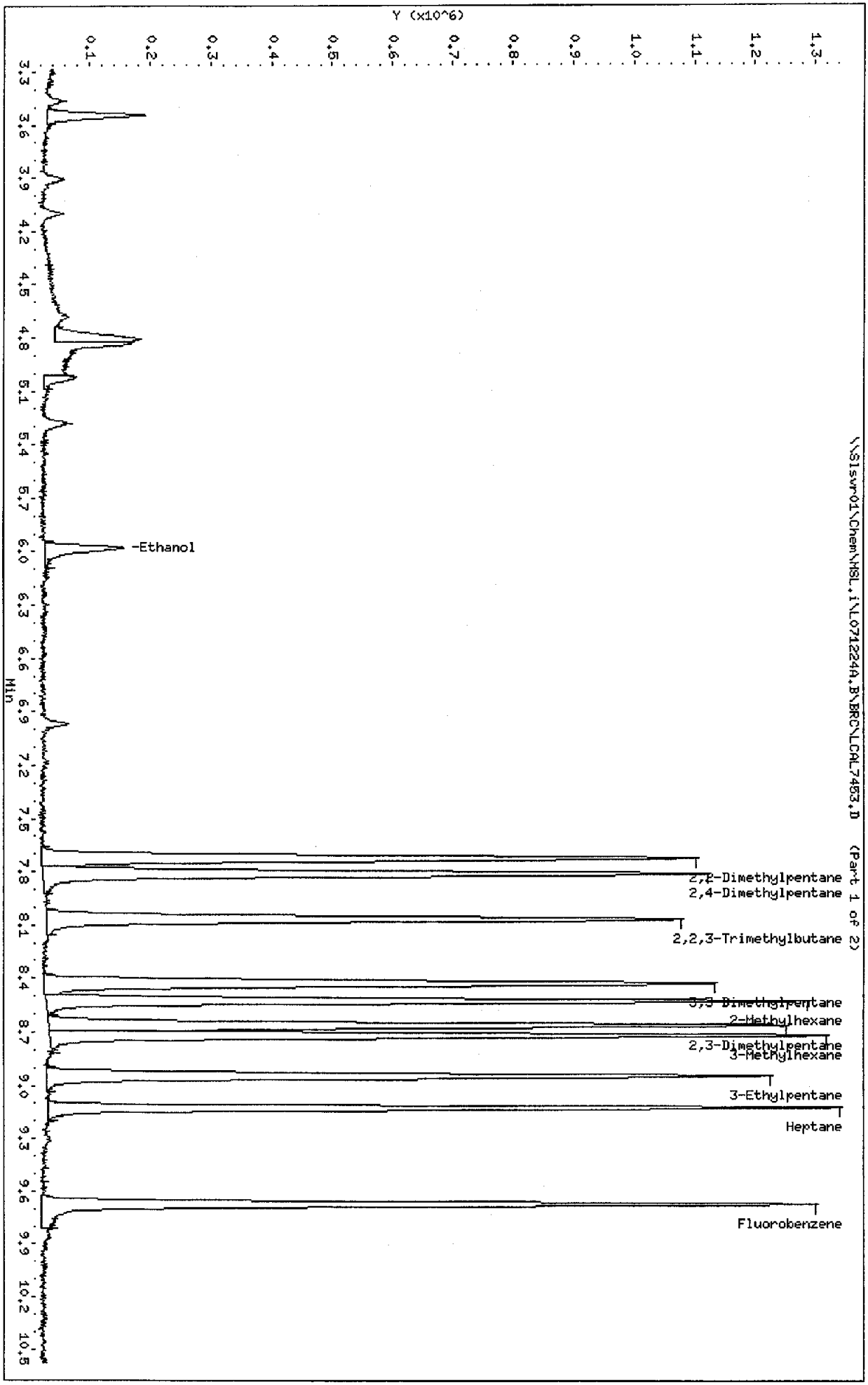
Instrument ID: MSL.i
Lab File ID: LCAL7453.D
Lab Smp Id: VSTD10-BRC
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\8260C-25LLW40.m
Misc Info: VBLKL358A;

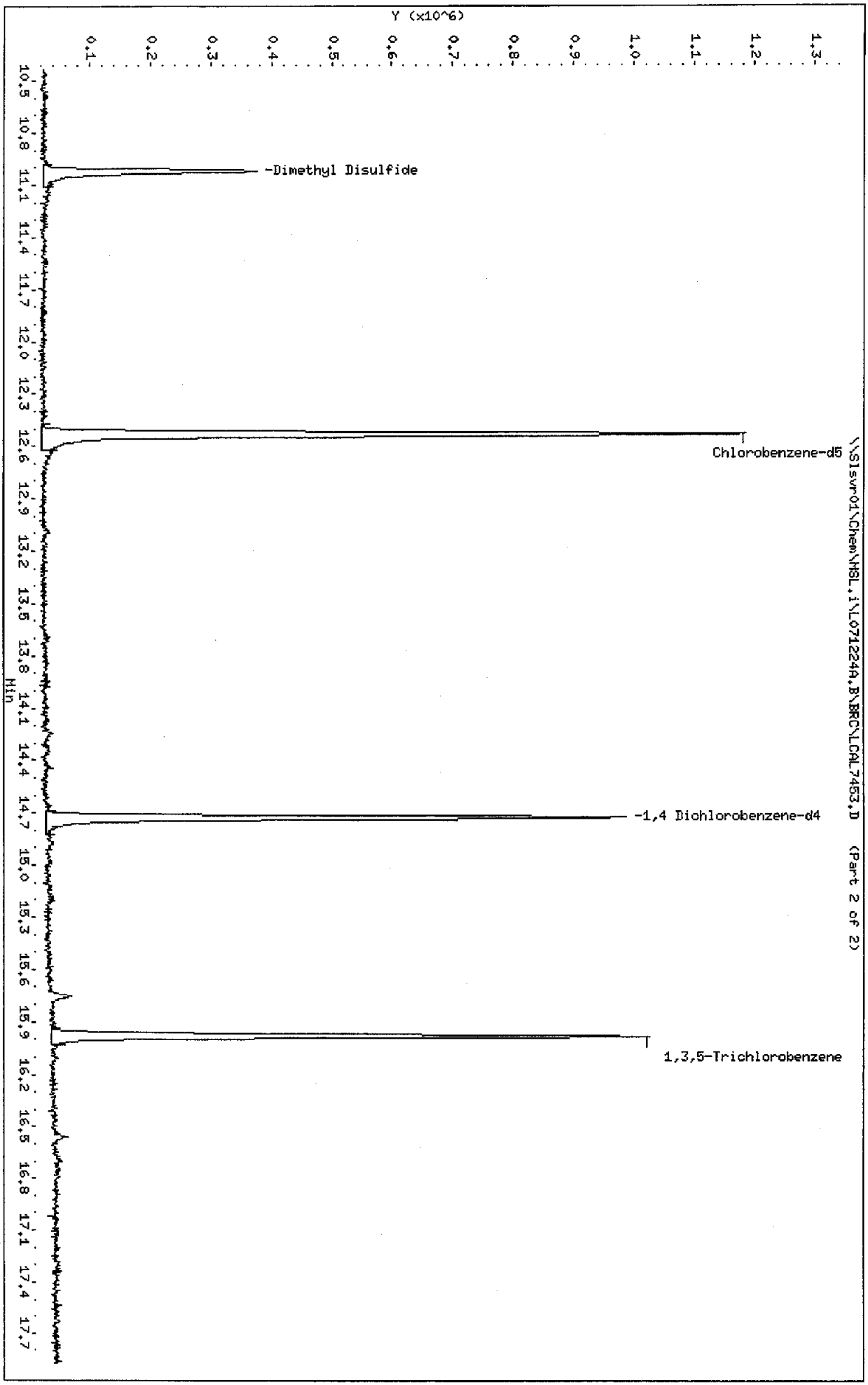
Calibration Date: 16-NOV-2007
Calibration Time: 15:58
Client Smp ID: VSTD10-BRC
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1638814	819407	3277628	1119376	-31.70
70 Chlorobenzene-d5	872740	436370	1745480	631207	-27.68
94 1,4 Dichlorobenze	323550	161775	647100	237698	-26.53

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	-0.03

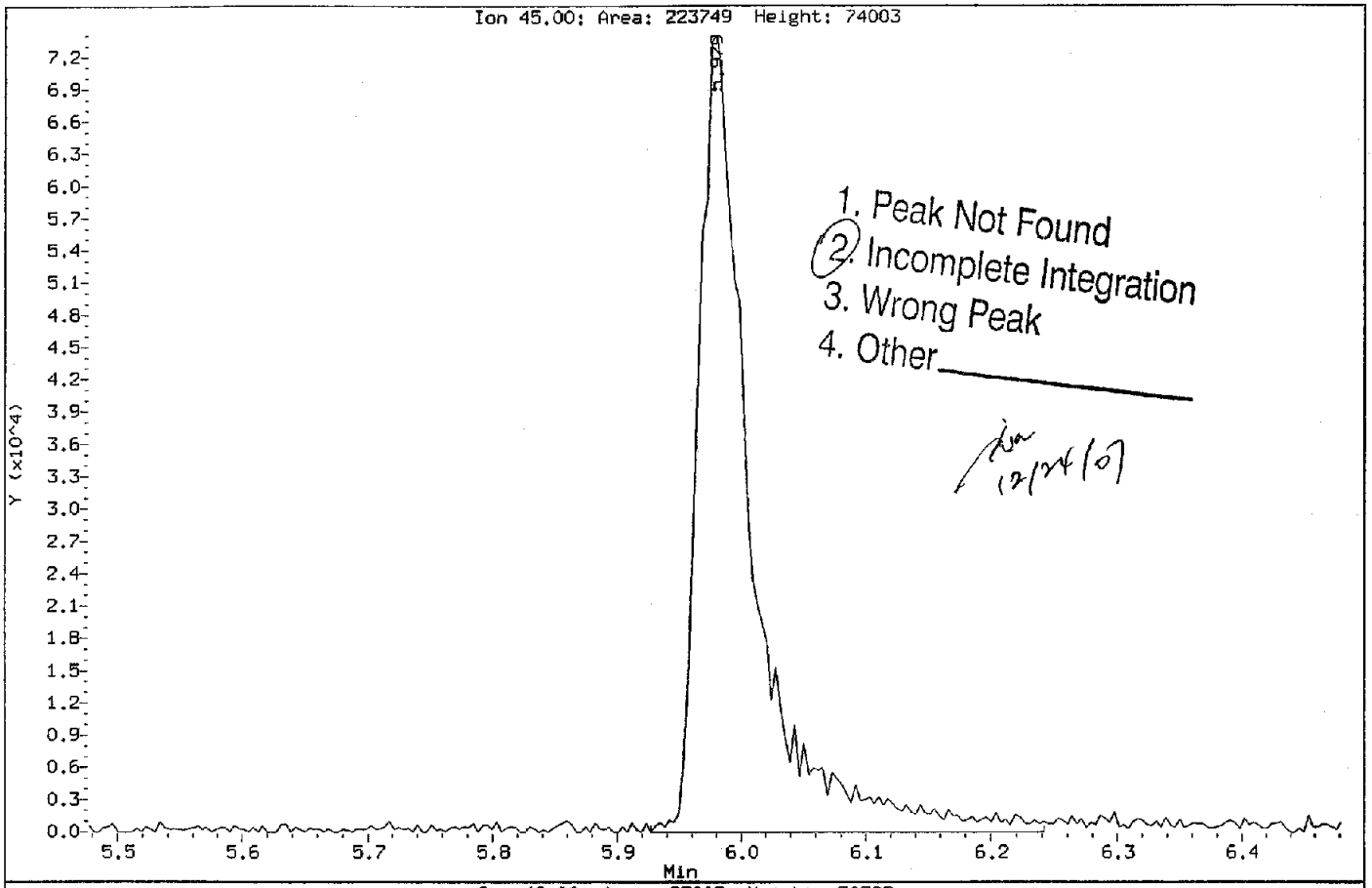
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

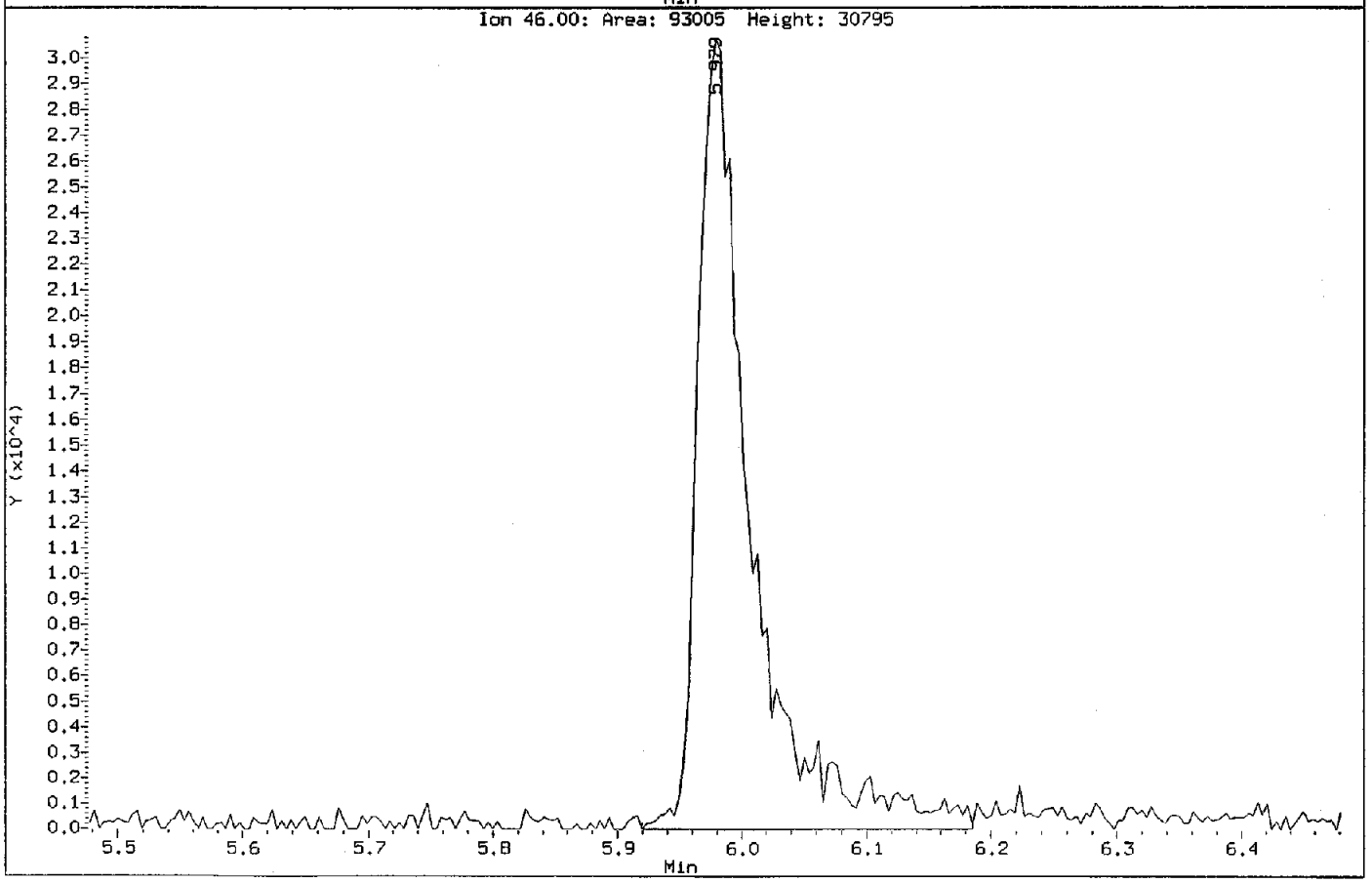

Data File: \\Slsvr01\Chem\MSL.i\LO71224A,B\BRC\LCAL7453.D
Date : 24-DEC-2007 11:16
Client ID: VSTD10-BRC
Sample Info: VSTD10-BRC;LO71224A,B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
\\Slsvr01\Chem\MSL.i\LO71224A,B\BRC\LCAL7453.D (Part 1 of 2)
-Ethanol
2,2-Dimethylpentane
2,4-Dimethylpentane
2,2,3-Trimethylbutane
3,3-Dimethylpentane
2-Methylhexane
2,3-Dimethylpentane
3-Methylhexane
3-Ethylpentane
Heptane
Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\LCAL7453.D
Date : 24-DEC-2007 11:16
Client ID: VSTD10-BRC
Sample Info: VSTD10-BRC;L071224A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
-Dimethyl Disulfide
Chlorobenzene-d5
-1,4 Dichlorobenzene-d4
1,3,5-Trichlorobenzene
\\Slsvr01\Chem\MSL.i\L071224A.B\BRC\LCAL7453.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\LCAL7453.D
Injection Date: 24-DEC-2007 11:16
Instrument: MSL.i
Client Sample ID: VSTD10-BRC

Compound: Ethanol
CAS Number:





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:49

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LICV7454.D
Analysis Type: WATER
Lab Sample ID: ICV
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 12:08
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
	1 Dichlorodifluoromethane	0.32016	0.27772	0.27772	0.000	13.25705	20.00000	Averaged	
	2 Freon-114	0.07533	0.10501	0.10501	0.000	-39.40267	20.00000	Averaged	<-
	3 Chloromethane	0.58212	0.46369	0.46369	0.100	20.34432	20.00000	Averaged	<-
	4 Vinyl Chloride	0.49282	0.42849	0.42849	0.000	13.05264	20.00000	Averaged	
	5 Bromomethane	0.30980	0.34805	0.34805	0.000	-12.34822	20.00000	Averaged	
	6 Chloroethane	0.29779	0.24179	0.24179	0.000	18.80356	20.00000	Averaged	
	7 Trichlorofluoromethane	0.43532	0.36647	0.36647	0.000	15.81588	20.00000	Averaged	
	8 Diethyl ether	0.08417	0.09782	0.09782	0.000	-16.22464	20.00000	Averaged	
	9 1,1-Dichloroethene	0.23860	0.22950	0.22950	0.000	3.81380	20.00000	Averaged	
	10 1,1,2-Trichlorofluoroethane	0.24110	0.24557	0.24557	0.000	-1.85471	20.00000	Averaged	
	11 Carbon Disulfide	0.78406	0.79833	0.79833	0.000	-1.82015	20.00000	Averaged	
	12 Iodomethane	0.08331	0.07006	0.07006	0.000	15.90045	20.00000	Averaged	
	13 Acrolein	0.00421	0.00463	0.00463	0.000	-9.97392	20.00000	Averaged	
	14 Allyl chloride	0.26964	0.26285	0.26285	0.000	2.51504	20.00000	Averaged	
	15 Methylene Chloride	0.22255	0.23240	0.23240	0.000	-4.42491	20.00000	Averaged	
	16 Acetone	10.00000	9.45734	0.01974	0.000	5.42659	20.00000	Linear	
	17 trans-1,2-Dichloroethene	0.28690	0.28009	0.28009	0.000	2.37349	20.00000	Averaged	
	18 n-Hexane	0.50648	0.50202	0.50202	0.000	0.88139	20.00000	Averaged	
	19 Methyl Acetate	0.02138	0.01816	0.01816	0.000	15.08267	20.00000	Averaged	
	20 MTBE	0.25941	0.30712	0.30712	0.000	-18.39327	20.00000	Averaged	
M	21 1,2-Dichloroethene (total)	0.26688	0.26372	0.26372	0.000	1.18320	20.00000	Averaged	
	22 Acetonitrile	50.00000	52.84564	0.00644	0.000	-5.69128	20.00000	Linear	
	23 Acrylonitrile	0.02206	0.02612	0.02612	0.000	-18.40726	20.00000	Averaged	
	24 1,1-Dichloroethane	0.50543	0.49662	0.49662	0.100	1.74353	20.00000	Averaged	
	25 2-Chloro-1,3-butadiene	0.40705	0.40501	0.40501	0.000	0.50023	20.00000	Averaged	
	26 Vinyl acetate	0.12793	0.16327	0.16327	0.000	-27.62756	20.00000	Averaged	<-
	27 cis-1,2-Dichloroethene	0.24685	0.24735	0.24735	0.000	-0.20021	20.00000	Averaged	
	28 2,2-Dichloropropane	0.42142	0.39877	0.39877	0.000	5.37483	20.00000	Averaged	
	29 Bromochloromethane	0.05730	0.06064	0.06064	0.000	-5.83023	20.00000	Averaged	
	30 Cyclohexane	0.44342	0.45025	0.45025	0.000	-1.54004	20.00000	Averaged	
	31 Chloroform	0.41391	0.40592	0.40592	0.000	1.93248	20.00000	Averaged	
	32 Ethyl acetate	20.00000	56.28637	0.03383	0.000	-181	20.00000	Linear	<-
	33 Carbon Tetrachloride	0.33824	0.35065	0.35065	0.000	-3.66868	20.00000	Averaged	
	34 Isobutanol	0.00385	0.00391	0.00391	0.000	-1.32873	20.00000	Averaged	
	35 Tetrahydrofuran	0.00575	0.00692	0.00692	0.000	-20.21281	20.00000	Averaged	<-
$	36 Dibromofluoromethane	0.14825	0.16009	0.16009	0.000	-7.98660	20.00000	Averaged	
	37 1,1,1-Trichloroethane	0.40692	0.39479	0.39479	0.000	2.98003	20.00000	Averaged	
	38 2-Butanone	10.00000	9.73614	0.01948	0.000	2.63861	20.00000	Linear	
	39 1,1-Dichloropropene	0.39441	0.38426	0.38426	0.000	2.57373	20.00000	Averaged	
	40 Benzene	1.15695	1.13802	1.13802	0.000	1.63602	20.00000	Averaged	
	41 Propionitrile	0.00705	0.00780	0.00780	0.000	-10.76158	20.00000	Averaged	
	42 Methacrylonitrile	0.03220	0.03864	0.03864	0.000	-20.02306	20.00000	Averaged	<-

12/24/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:49

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LICV7454.D
Analysis Type: WATER
Lab Sample ID: ICV
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 12:08
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$	43 1,2-Dichloroethane-d4	0.11659	0.12281	0.12281	0.000	-5.33544	20.00000	Averaged	
	44 1,2-Dichloroethane	0.15535	0.16229	0.16229	0.000	-4.46962	20.00000	Averaged	
	46 n-Butanol	0.00081	0.00116	0.00116	0.000	-43.32662	20.00000	Averaged	<-
	47 Methylcyclohexane	0.41985	0.40892	0.40892	0.000	2.60160	20.00000	Averaged	
	48 Trichloroethene	0.28021	0.28595	0.28595	0.000	-2.04629	20.00000	Averaged	
	49 Dibromomethane	0.05005	0.04992	0.04992	0.000	0.26223	20.00000	Averaged	
	50 1,2-Dichloropropane	0.21925	0.22305	0.22305	0.000	-1.73170	20.00000	Averaged	
	51 Bromodichloromethane	0.21040	0.23234	0.23234	0.000	-10.42901	20.00000	Averaged	
M	52 Xylenes (total)	0.88254	0.85150	0.85150	0.000	3.51647	20.00000	Averaged	
	53 Methyl methacrylate	0.04122	0.04832	0.04832	0.000	-17.22266	20.00000	Averaged	
	54 1,4-Dioxane	200	159	0.00087	0.000	20.47994	20.00000	Linear	<-
	55 2-chloroethyl vinyl ether	0.02712	0.02448	0.02448	0.000	9.73462	20.00000	Averaged	
	56 cis-1,3-Dichloropropene	0.21726	0.24441	0.24441	0.000	-12.49426	20.00000	Averaged	
$	57 Toluene-d8	1.49517	1.50459	1.50459	0.000	-0.63007	20.00000	Averaged	
	58 Toluene	2.09585	2.00123	2.00123	0.000	4.51475	20.00000	Averaged	
	59 2-Nitro-Propane	10.00000	10.40901	0.05880	0.000	-4.09015	20.00000	Linear	
	60 4-Methyl-2-pentanone	0.08894	0.11234	0.11234	0.000	-26.30660	20.00000	Averaged	<-
	61 trans-1,3-Dichloropropene	0.24950	0.27487	0.27487	0.000	-10.16626	20.00000	Averaged	
	62 Tetrachloroethene	10.00000	9.73081	0.33971	0.000	2.69188	20.00000	Linear	
	63 Ethyl methacrylate	10.00000	9.58016	0.16930	0.000	4.19845	20.00000	Linear	
	64 1,1,2-Trichloroethane	0.15473	0.15998	0.15998	0.000	-3.39437	20.00000	Averaged	
	65 Chlorodibromomethane	0.14873	0.16977	0.16977	0.000	-14.14663	20.00000	Averaged	
	66 1,3-Dichloropropane	0.28493	0.30281	0.30281	0.000	-6.27691	20.00000	Averaged	
	67 1,2-Dibromoethane	0.11001	0.11219	0.11219	0.000	-1.97998	20.00000	Averaged	
	68 2-Hexanone	10.00000	10.57983	0.05562	0.000	-5.79833	20.00000	Linear	
	69 Ethylbenzene	0.75255	0.70580	0.70580	0.000	6.21222	20.00000	Averaged	
	71 Chlorobenzene	1.07252	1.06996	1.06996	0.300	0.23870	20.00000	Averaged	
	72 1,1,1,2-Tetrachloroethane	0.28721	0.29317	0.29317	0.000	-2.07584	20.00000	Averaged	
	73 m,p-Xylenes	0.94981	0.89663	0.89663	0.000	5.59970	20.00000	Averaged	
	74 o-Xylene	0.74799	0.76126	0.76126	0.000	-1.77423	20.00000	Averaged	
	75 Styrene	10.00000	9.41948	1.02936	0.000	5.80521	20.00000	Linear	
	76 Bromoform	0.16086	0.18413	0.18413	0.100	-14.46740	20.00000	Averaged	
	77 Isopropylbenzene	5.64746	4.79455	4.79455	0.000	15.10260	20.00000	Averaged	
$	78 4-Bromofluorobenzene	0.98266	0.91013	0.91013	0.000	7.38055	20.00000	Averaged	
	79 n-Propylbenzene	7.86499	6.76712	6.76712	0.000	13.95888	20.00000	Averaged	
	80 Bromobenzene	0.79957	0.76710	0.76710	0.000	4.06041	20.00000	Averaged	
	81 1,1,2,2-Tetrachloroethane	0.40608	0.40617	0.40617	0.300	-0.02248	20.00000	Averaged	
	82 1,3,5-Trimethylbenzene	4.78326	4.28187	4.28187	0.000	10.48226	20.00000	Averaged	
	83 2-Chlorotoluene	3.75369	3.35110	3.35110	0.000	10.72503	20.00000	Averaged	
	84 1,2,3-Trichloropropane	0.10496	0.10277	0.10277	0.000	2.08553	20.00000	Averaged	
	85 trans-1,4-dichloro-2-butene	10.00000	10.52021	0.10066	0.000	-5.20206	20.00000	Linear	
	86 4-Chlorotoluene	3.50668	3.17989	3.17989	0.000	9.31911	20.00000	Averaged	

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:49

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LICV7454.D
Analysis Type: WATER
Lab Sample ID: ICV
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 12:08
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
87 Cyclohexanone	100	66.75647	0.00799	0.000	33.24353	20.00000	Quadratic	<-
88 t-Butylbenzene	4.27455	3.73127	3.73127	0.000	12.70972	20.00000	Averaged	
89 Pentachloroethane	10.00000	11.10672	0.43931	0.000	-11.06723	20.00000	Linear	
90 1,2,4-Trimethylbenzene	4.63758	4.22064	4.22064	0.000	8.99055	20.00000	Averaged	
91 sec-Butylbenzene	7.01564	6.09705	6.09705	0.000	13.09341	20.00000	Averaged	
92 4-Isopropyltoluene	5.32575	4.73167	4.73167	0.000	11.15497	20.00000	Averaged	
93 1,3-Dichlorobenzene	1.84136	1.73877	1.73877	0.000	5.57137	20.00000	Averaged	
95 1,4-Dichlorobenzene	1.81580	1.68305	1.68305	0.000	7.31103	20.00000	Averaged	
96 n-Butylbenzene	5.67056	4.98925	4.98925	0.000	12.01492	20.00000	Averaged	
98 1,2-Dichlorobenzene	1.36228	1.29717	1.29717	0.000	4.77956	20.00000	Averaged	
99 1,2-Dibromo-3-chloropropane	0.04332	0.04155	0.04155	0.000	4.07730	20.00000	Averaged	
100 Hexachlorobutadiene	0.53565	0.48865	0.48865	0.000	8.77574	20.00000	Averaged	
101 1,2,4-Trichlorobenzene	0.61457	0.72210	0.72210	0.000	-17.49727	20.00000	Averaged	
102 Naphthalene	0.70926	0.85573	0.85573	0.000	-20.65177	20.00000	Averaged	<-
103 1,2,3-Trichlorobenzene	0.34401	0.46223	0.46223	0.000	-34.36669	20.00000	Averaged	<-
143 Nonanal	10.00000	7.56918	0.05808	0.000	24.30820	20.00000	Linear	<-

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:50

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Lab Smp Id: ICV Client Smp ID: ICV
Inj Date : 24-DEC-2007 12:08
Operator : XIA Inst ID: MSL.i
Smp Info : ICV
Misc Info : VBLKL358A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:49 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.460	3.460	(0.358)	368152	10.0000	8.674
	2 Freon-114	135	3.749	3.749	(0.388)	139210	10.0000	13.94
	3 Chloromethane	50	3.902	3.902	(0.404)	614683	10.0000	7.966
	4 Vinyl Chloride	62	4.100	4.100	(0.424)	568016	10.0000	8.695
	5 Bromomethane	94	4.800	4.800	(0.496)	461384	10.0000	11.23
	6 Chloroethane	64	5.032	5.032	(0.520)	320525	10.0000	8.120
	7 Trichlorofluoromethane	101	5.283	5.283	(0.546)	485804	10.0000	8.418
	8 Diethyl ether	59	5.788	5.788	(0.599)	259355	20.0000	23.24
	9 1,1-Dichloroethene	96	6.147	6.147	(0.636)	304234	10.0000	9.619
	10 1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	325537	10.0000	10.18
	11 Carbon Disulfide	76	6.305	6.305	(0.652)	1058284	10.0000	10.18
	12 Iodomethane	142	6.432	6.432	(0.665)	92877	10.0000	8.410
	13 Acrolein	56	6.615	6.615	(0.684)	30686	50.0000	54.99(M)
	14 Allyl chloride	39	6.810	6.810	(0.704)	348446	10.0000	9.748
	15 Methylene Chloride	84	6.963	6.963	(0.720)	308068	10.0000	10.44
	16 Acetone	43	6.978	6.978	(0.722)	26166	10.0000	9.457(M)
	17 trans-1,2-Dichloroethene	96	7.176	7.176	(0.742)	371299	10.0000	9.763
	18 n-Hexane	57	7.176	7.176	(0.742)	665485	10.0000	9.912
	19 Methyl Acetate	74	7.132	7.132	(0.738)	24069	10.0000	8.492(M)
	20 MTBE	73	7.214	7.214	(0.746)	407124	10.0000	11.84
M	21 1,2-Dichloroethene (total)	96				699186	20.0000	19.78
	22 Acetonitrile	41	7.566	7.566	(0.782)	42662	50.0000	52.84

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Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
23	Acrylonitrile	53	7.914	7.914	(0.818)	173142	50.0000	59.20
24	1,1-Dichloroethane	63	7.873	7.873	(0.814)	658326	10.0000	9.826
25	2-Chloro-1,3-butadiene	53	7.839	7.839	(0.811)	536891	10.0000	9.950
26	Vinyl acetate	43	8.082	8.082	(0.836)	216439	10.0000	12.76
27	cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	327887	10.0000	10.02
28	2,2-Dichloropropane	77	8.535	8.535	(0.883)	528612	10.0000	9.462
29	Bromochloromethane	128	8.700	8.700	(0.900)	80385	10.0000	10.58
30	Cyclohexane	84	8.666	8.666	(0.896)	596859	10.0000	10.15
31	Chloroform	83	8.707	8.707	(0.901)	538091	10.0000	9.807
32	Ethyl acetate	43	8.744	8.744	(0.904)	89681	20.0000	56.29
33	Carbon Tetrachloride	117	8.898	8.898	(0.920)	464823	10.0000	10.37
34	Isobutanol	42	8.894	8.894	(0.920)	103536	200.000	202.6
35	Tetrahydrofuran	71	8.902	8.902	(0.921)	45846	50.0000	60.11
$ 36	Dibromofluoromethane	113	8.905	8.905	(0.921)	212225	10.0000	10.80
37	1,1,1-Trichloroethane	97	8.932	8.932	(0.924)	523344	10.0000	9.702
38	2-Butanone	43	8.965	8.965	(0.927)	25828	10.0000	9.736
39	1,1-Dichloropropene	75	9.048	9.048	(0.936)	509383	10.0000	9.743
40	Benzene	78	9.313	9.313	(0.963)	1508581	10.0000	9.836
41	Propionitrile	54	9.268	9.268	(0.959)	51728	50.0000	55.38
42	Methacrylonitrile	41	9.287	9.287	(0.961)	256139	50.0000	60.01
$ 43	1,2-Dichloroethane-d4	65	9.437	9.437	(0.976)	162795	10.0000	10.53
44	1,2-Dichloroethane	62	9.512	9.512	(0.984)	215133	10.0000	10.45
* 45	Fluorobenzene	96	9.669	9.669	(1.000)	1325622	10.0000	
46	n-Butanol	56	10.039	10.039	(1.038)	15423	100.000	143.3(M)
47	Methylcyclohexane	55	9.811	9.811	(1.015)	542078	10.0000	9.740
48	Trichloroethene	130	9.852	9.852	(1.019)	379058	10.0000	10.20
49	Dibromomethane	93	10.316	10.316	(1.067)	66173	10.0000	9.974
50	1,2-Dichloropropane	63	10.324	10.324	(1.068)	295681	10.0000	10.17
51	Bromodichloromethane	83	10.387	10.387	(1.074)	308000	10.0000	11.04
M 52	Xylenes (total)	106				2040987	30.0000	29.06
53	Methyl methacrylate	69	10.402	10.402	(1.076)	64049	10.0000	11.72
54	1,4-Dioxane	88	10.548	10.548	(1.091)	23121	200.000	159.0(M)
55	2-chloroethyl vinyl ether	63	10.806	10.806	(1.118)	32451	10.0000	9.026(M)
56	cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	323989	10.0000	11.25
$ 57	Toluene-d8	98	11.083	11.083	(0.885)	1202126	10.0000	10.06
58	Toluene	91	11.136	11.136	(0.889)	1598926	10.0000	9.548
59	2-Nitro-Propane	43	11.300	11.300	(0.902)	46976	10.0000	10.41
60	4-Methyl-2-pentanone	43	11.360	11.360	(0.907)	89757	10.0000	12.63
61	trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	219611	10.0000	11.02
62	Tetrachloroethene	164	11.521	11.521	(0.920)	271418	10.0000	9.731
63	Ethyl methacrylate	69	11.503	11.503	(0.918)	135265	10.0000	9.580
64	1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	127822	10.0000	10.34
65	Chlorodibromomethane	129	11.888	11.888	(0.949)	135644	10.0000	11.41
66	1,3-Dichloropropane	76	11.910	11.910	(0.951)	241937	10.0000	10.63
67	1,2-Dibromoethane	107	12.146	12.146	(0.970)	89633	10.0000	10.20
68	2-Hexanone	43	12.113	12.113	(0.967)	44441	10.0000	10.58
69	Ethylbenzene	106	12.498	12.498	(0.998)	563914	10.0000	9.379
* 70	Chlorobenzene-d5	117	12.528	12.528	(1.000)	798973	10.0000	
71	Chlorobenzene	112	12.547	12.547	(1.001)	854867	10.0000	9.976
72	1,1,1,2-Tetrachloroethane	131	12.584	12.584	(1.004)	234233	10.0000	10.21
73	m,p-Xylenes	106	12.614	12.614	(1.007)	1432763	20.0000	18.88
74	o-Xylene	106	13.033	13.033	(1.040)	608224	10.0000	10.18
75	Styrene	104	13.089	13.089	(1.045)	822433	10.0000	9.419
76	Bromoform	173	13.254	13.254	(0.900)	58777	10.0000	11.45

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	77 Isopropylbenzene	105	13.291	13.291	(0.903)	1530477	10.0000	8.490
$	78 4-Bromofluorobenzene	95	13.643	13.643	(0.927)	290526	10.0000	9.262
	79 n-Propylbenzene	91	13.681	13.681	(0.929)	2160147	10.0000	8.604
	80 Bromobenzene	156	13.789	13.789	(0.937)	244868	10.0000	9.594
	81 1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	129655	10.0000	10.00
	82 1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1366824	10.0000	8.952
	83 2-Chlorotoluene	91	13.909	13.909	(0.945)	1069712	10.0000	8.927
	84 1,2,3-Trichloropropane	110	13.935	13.935	(0.947)	32806	10.0000	9.791
	85 trans-1,4-dichloro-2-butene	53	13.931	13.931	(0.946)	32132	10.0000	10.52
	86 4-Chlorotoluene	91	14.047	14.047	(0.954)	1015060	10.0000	9.068
	87 Cyclohexanone	55	14.002	14.002	(0.951)	25507	100.000	66.76
	88 t-Butylbenzene	119	14.156	14.156	(0.962)	1191066	10.0000	8.729
	89 Pentachloroethane	167	14.272	14.272	(0.969)	140233	10.0000	11.11
	90 1,2,4-Trimethylbenzene	105	14.223	14.223	(0.966)	1347278	10.0000	9.101
	91 sec-Butylbenzene	105	14.328	14.328	(0.973)	1946253	10.0000	8.691
	92 4-Isopropyltoluene	119	14.436	14.436	(0.981)	1510405	10.0000	8.884
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	555036	10.0000	9.443
*	94 1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	319212	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.740	(1.001)	537249	10.0000	9.269
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	1592628	10.0000	8.798
	98 1,2-Dichlorobenzene	146	15.162	15.162	(1.030)	414071	10.0000	9.522
	99 1,2-Dibromo-3-chloropropane	157	15.971	15.971	(1.085)	13263	10.0000	9.592
	100 Hexachlorobutadiene	225	16.555	16.555	(1.125)	155982	10.0000	9.122
	101 1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	230504	10.0000	11.75
	102 Naphthalene	128	17.071	17.071	(1.160)	273160	10.0000	12.06
	103 1,2,3-Trichlorobenzene	180	17.292	17.292	(1.175)	147550	10.0000	13.44
	143 Nonanal	57	15.746	15.746	(1.629)	76995	10.0000	7.569(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:50

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

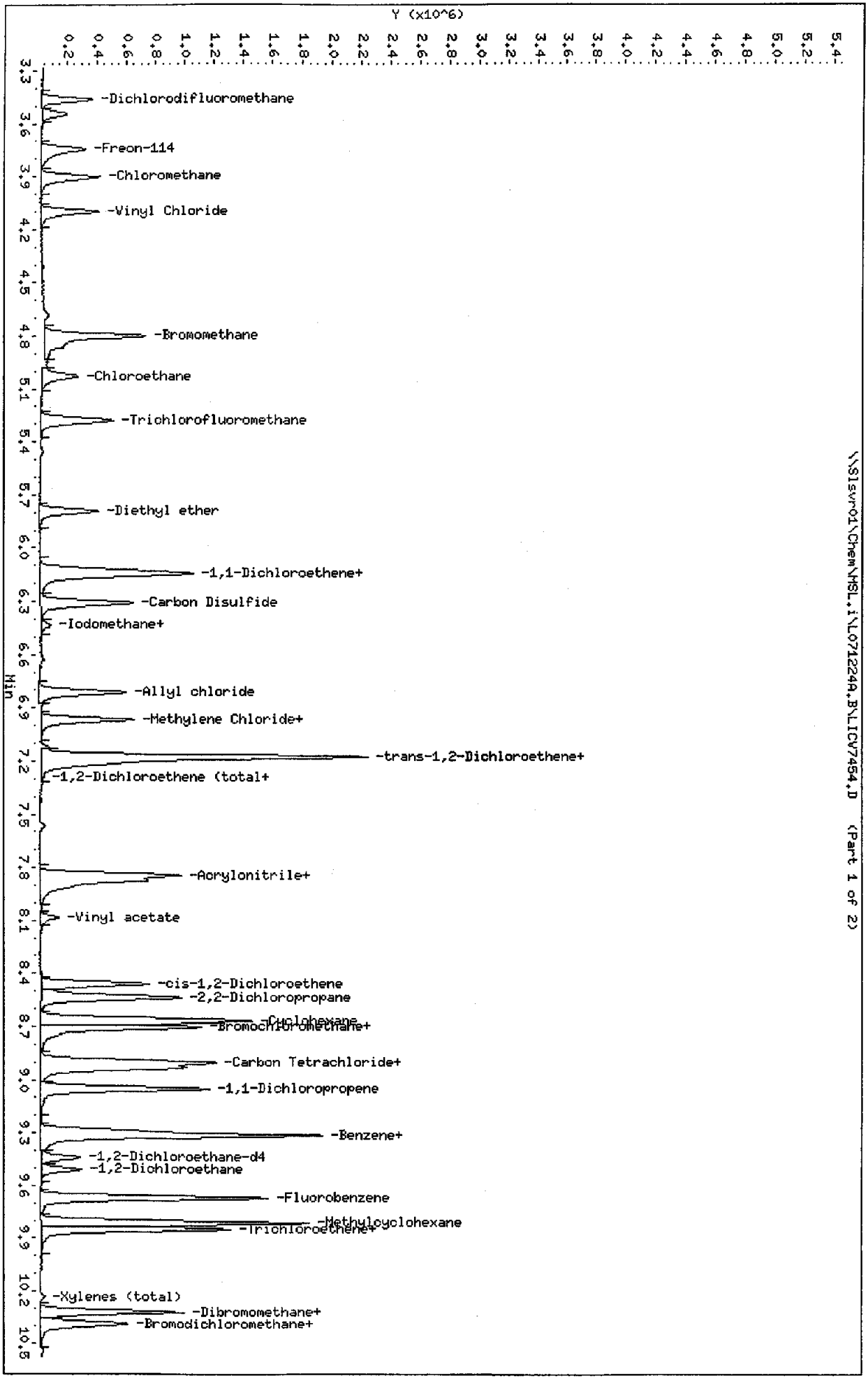
Instrument ID: MSL.i
Lab File ID: LICV7454.D
Lab Smp Id: ICV
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;

Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: ICV
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	1325622	10.18
70 Chlorobenzene-d5	752404	376202	1504808	798973	6.19
94 1,4 Dichlorobenze	317211	158606	634422	319212	0.63

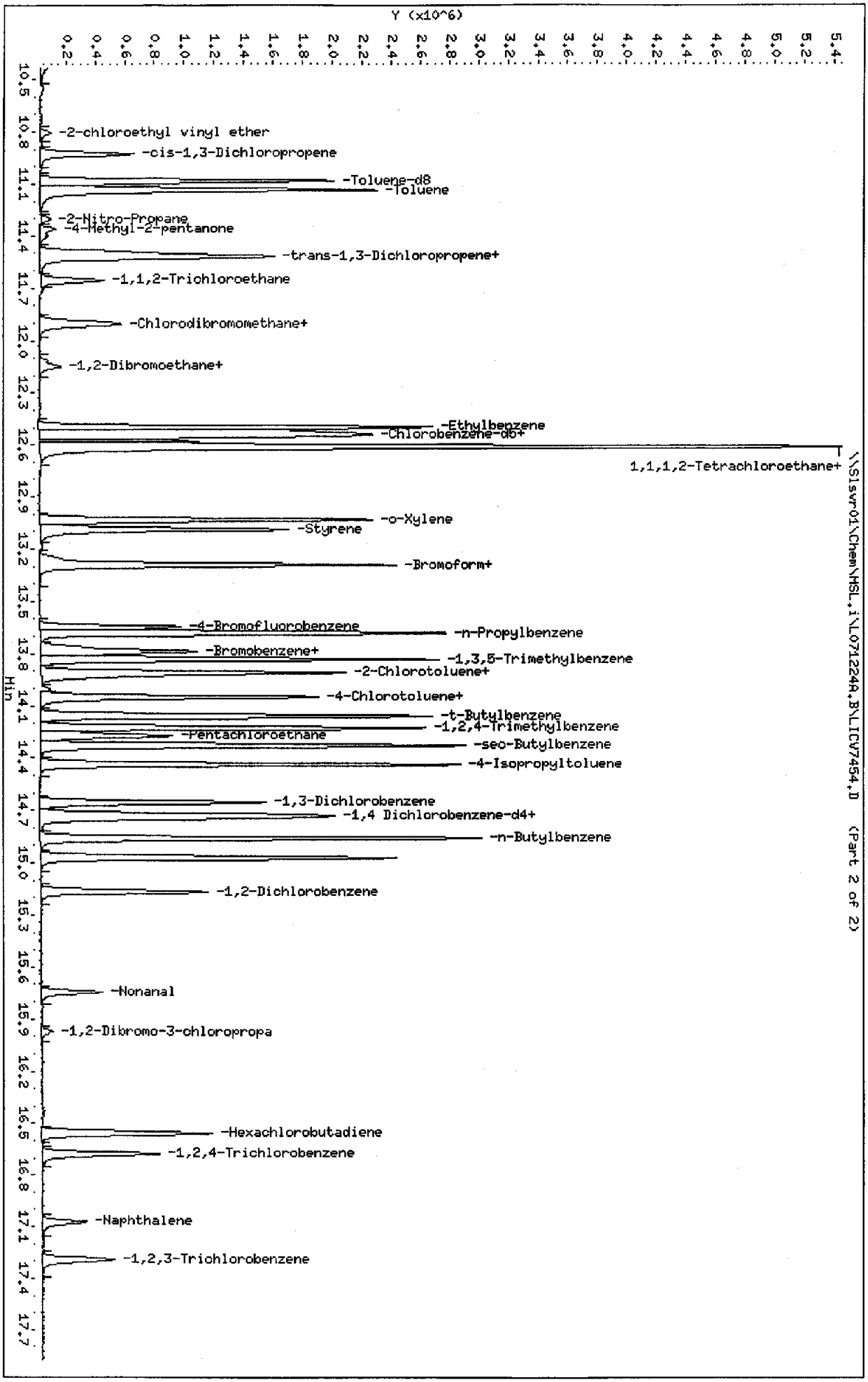
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Date : 24-DEC-2007 12:08
Client ID: ICV
Sample Info: ICV
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

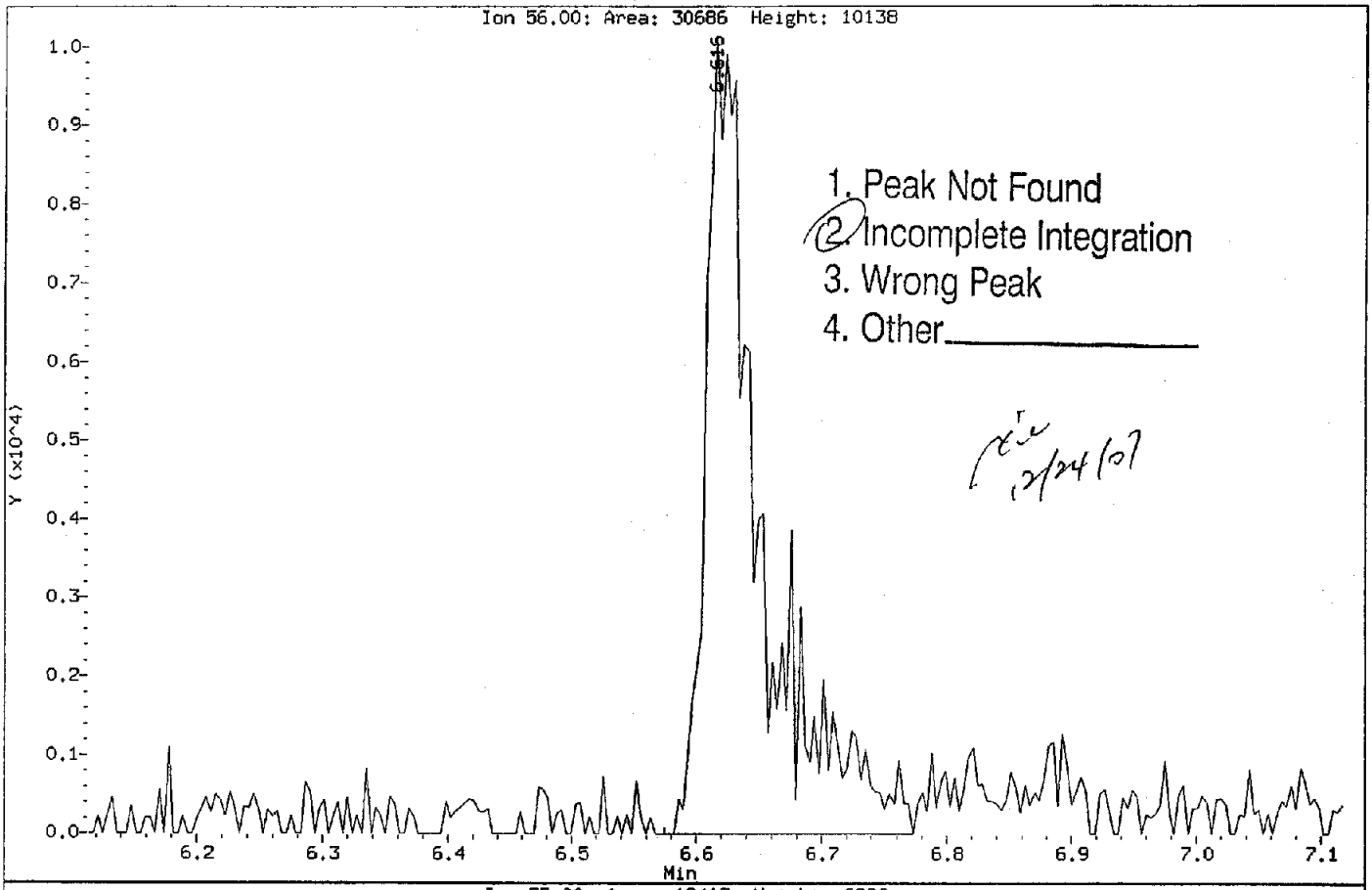


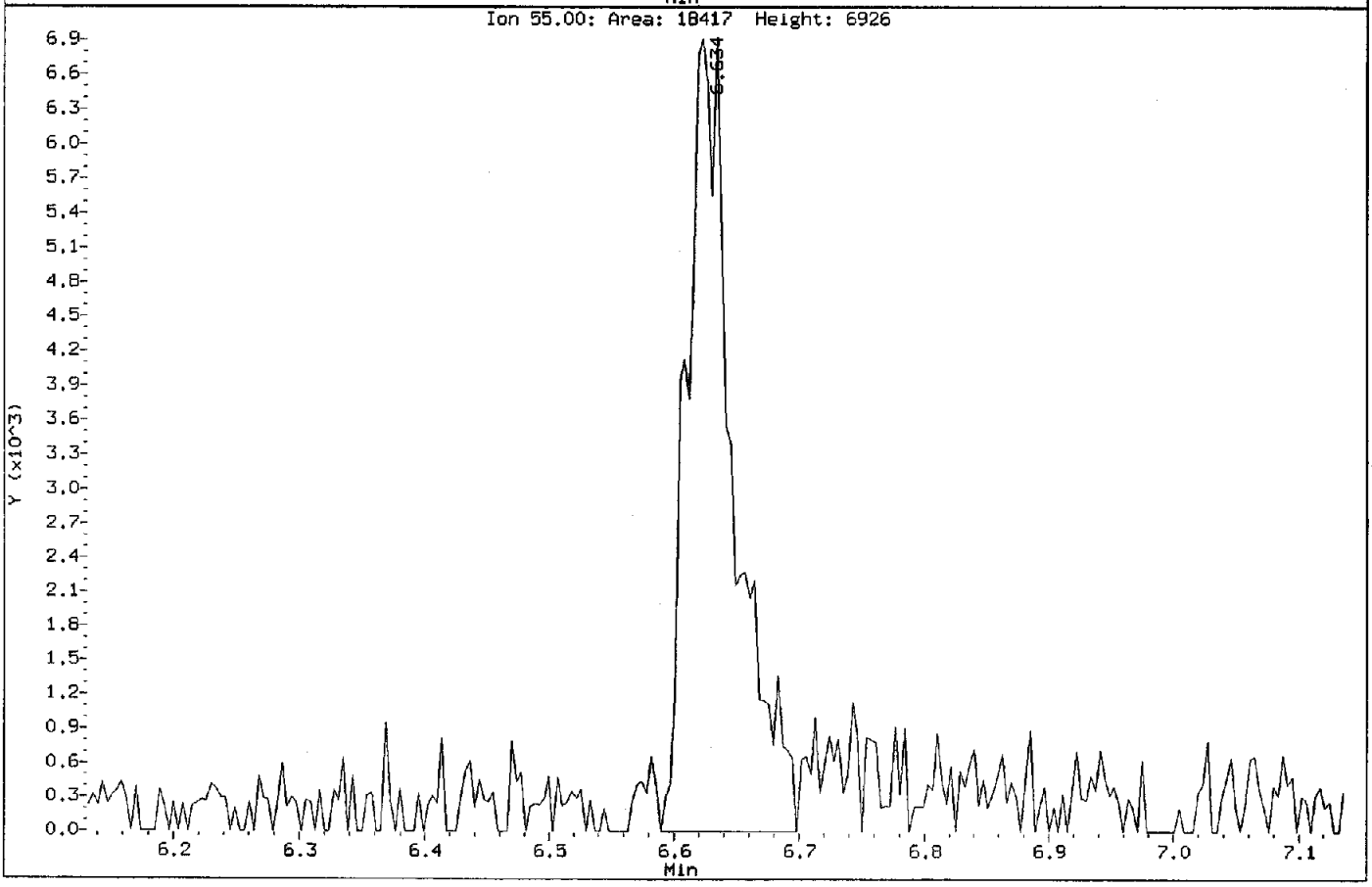
Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Date : 24-DEC-2007 12:08
Client ID: ICV
Sample Info: ICV
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: ICV

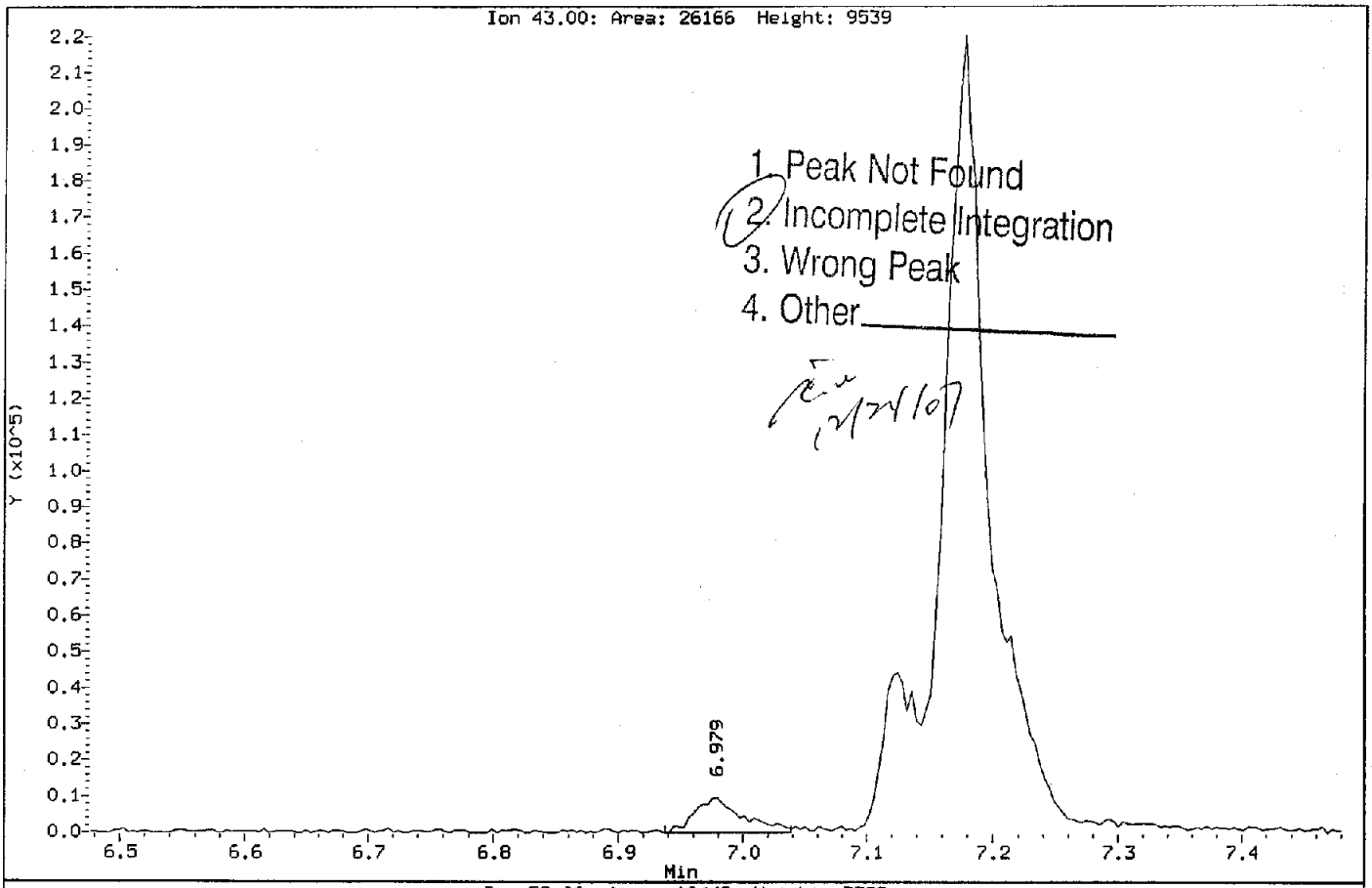
Compound: Acrolein
CAS Number: 107-02-8

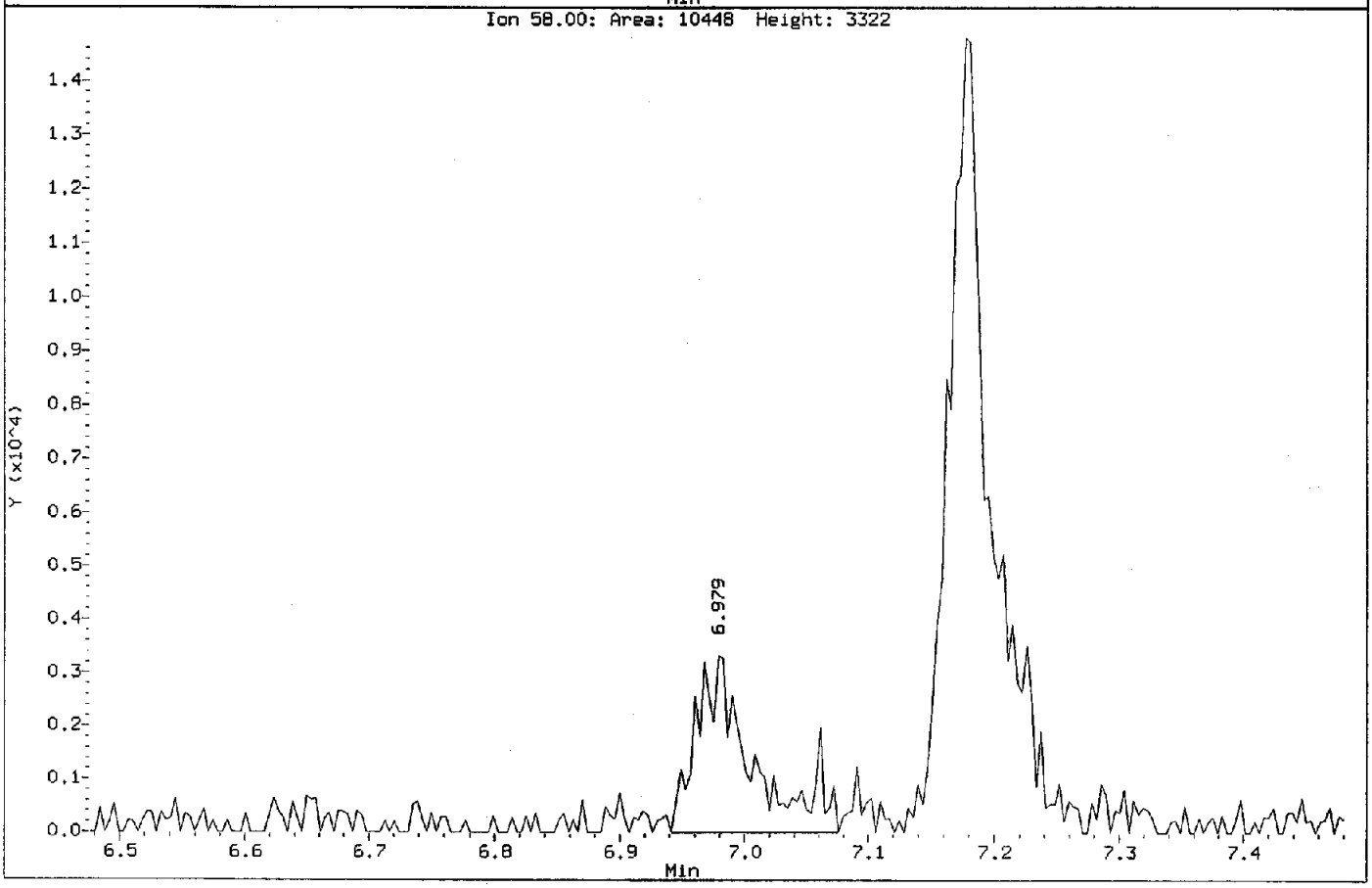




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: ICV

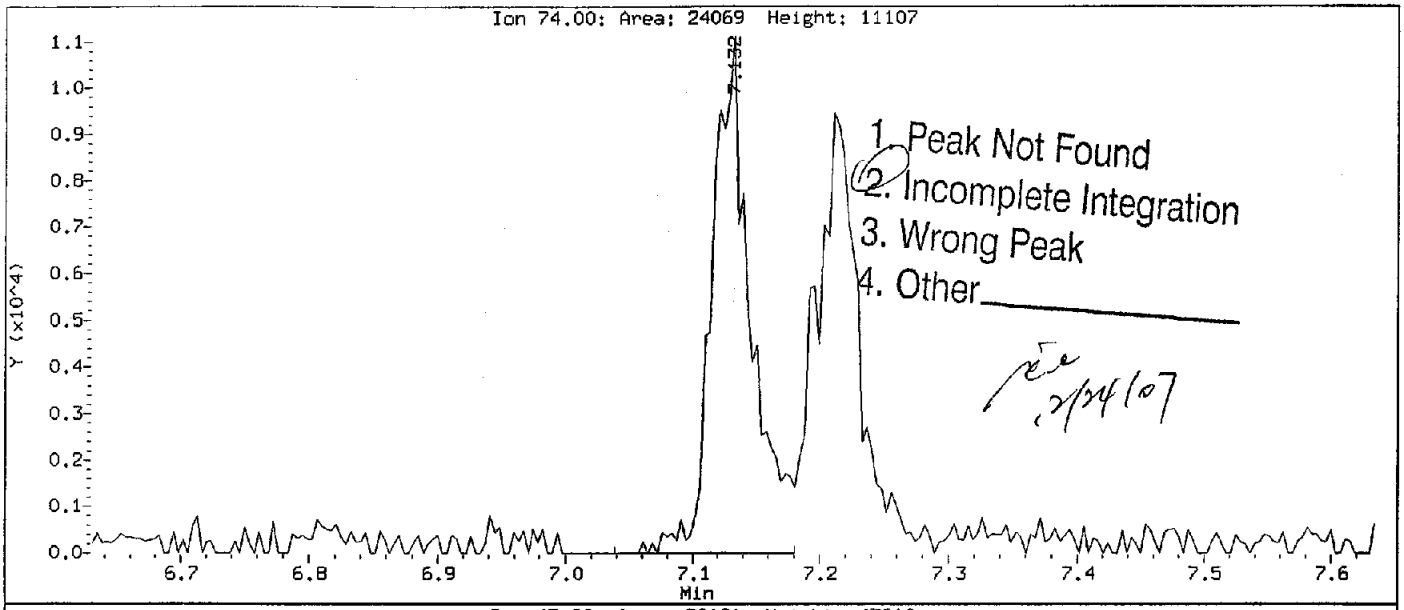
Compound: Acetone
CAS Number: 67-64-1

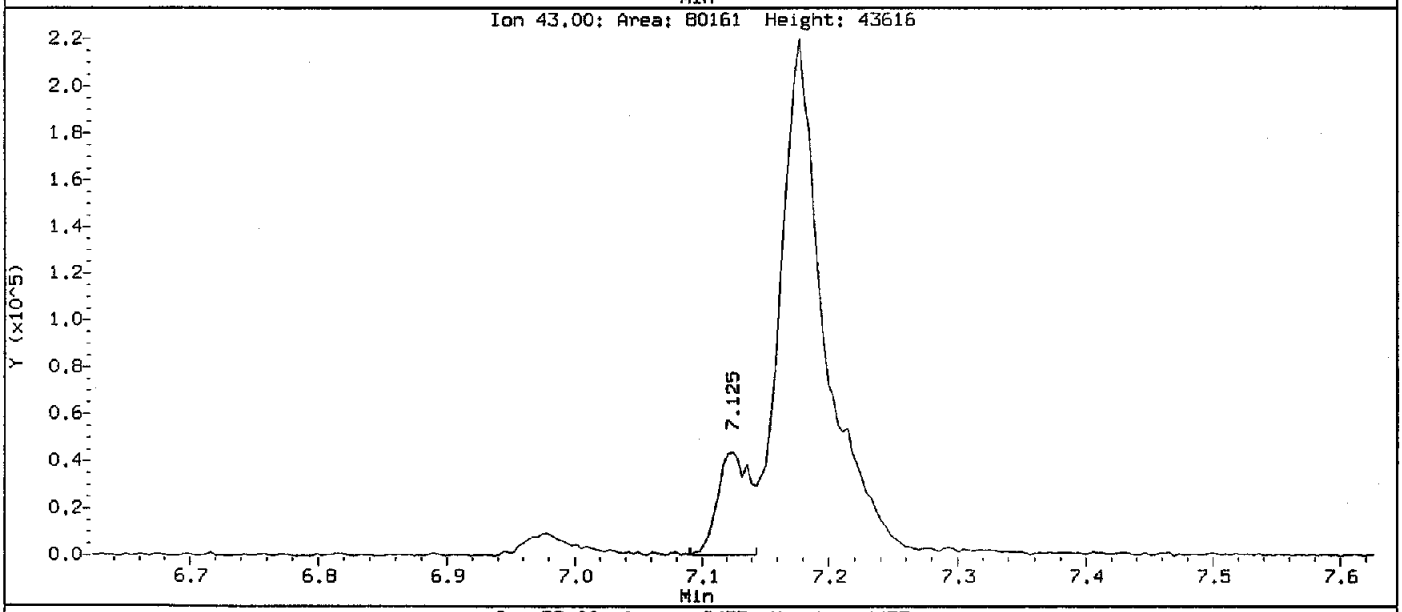


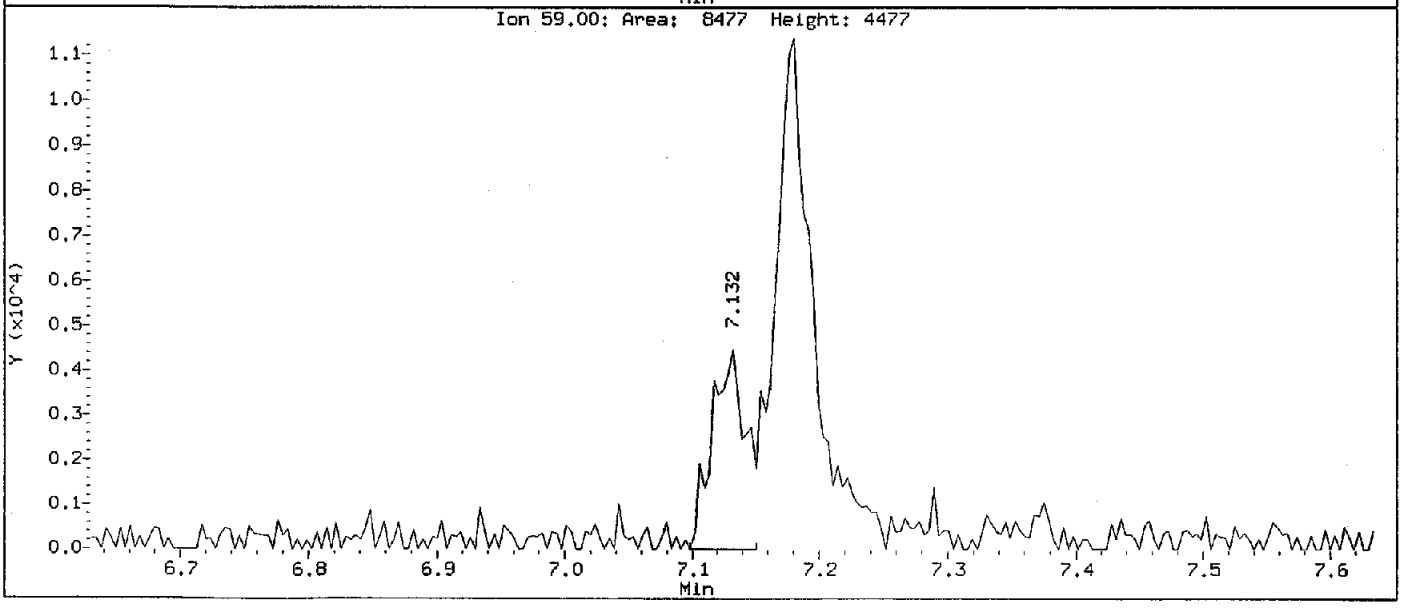


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: ICV

Compound: Methyl Acetate
CAS Number:

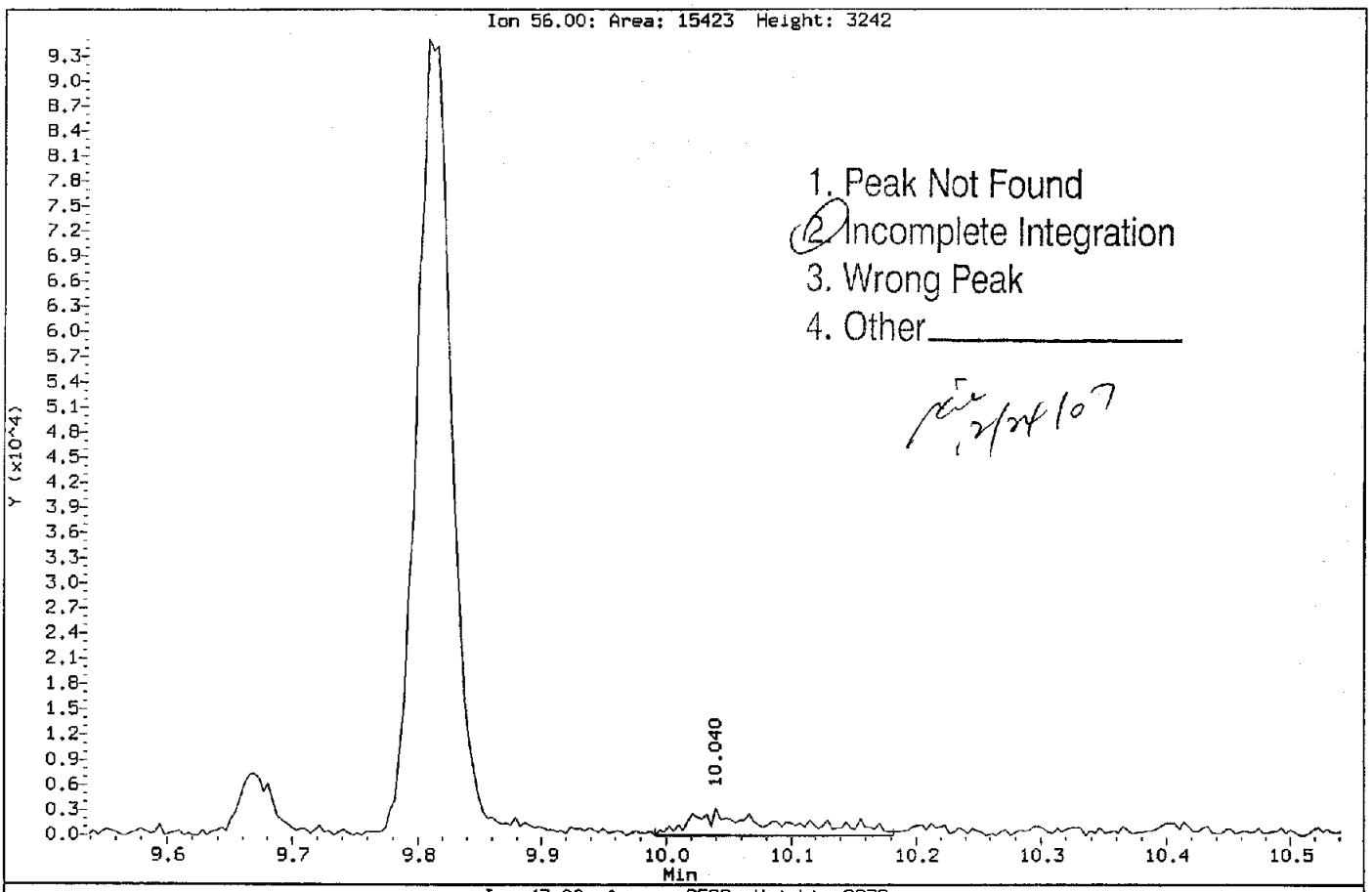


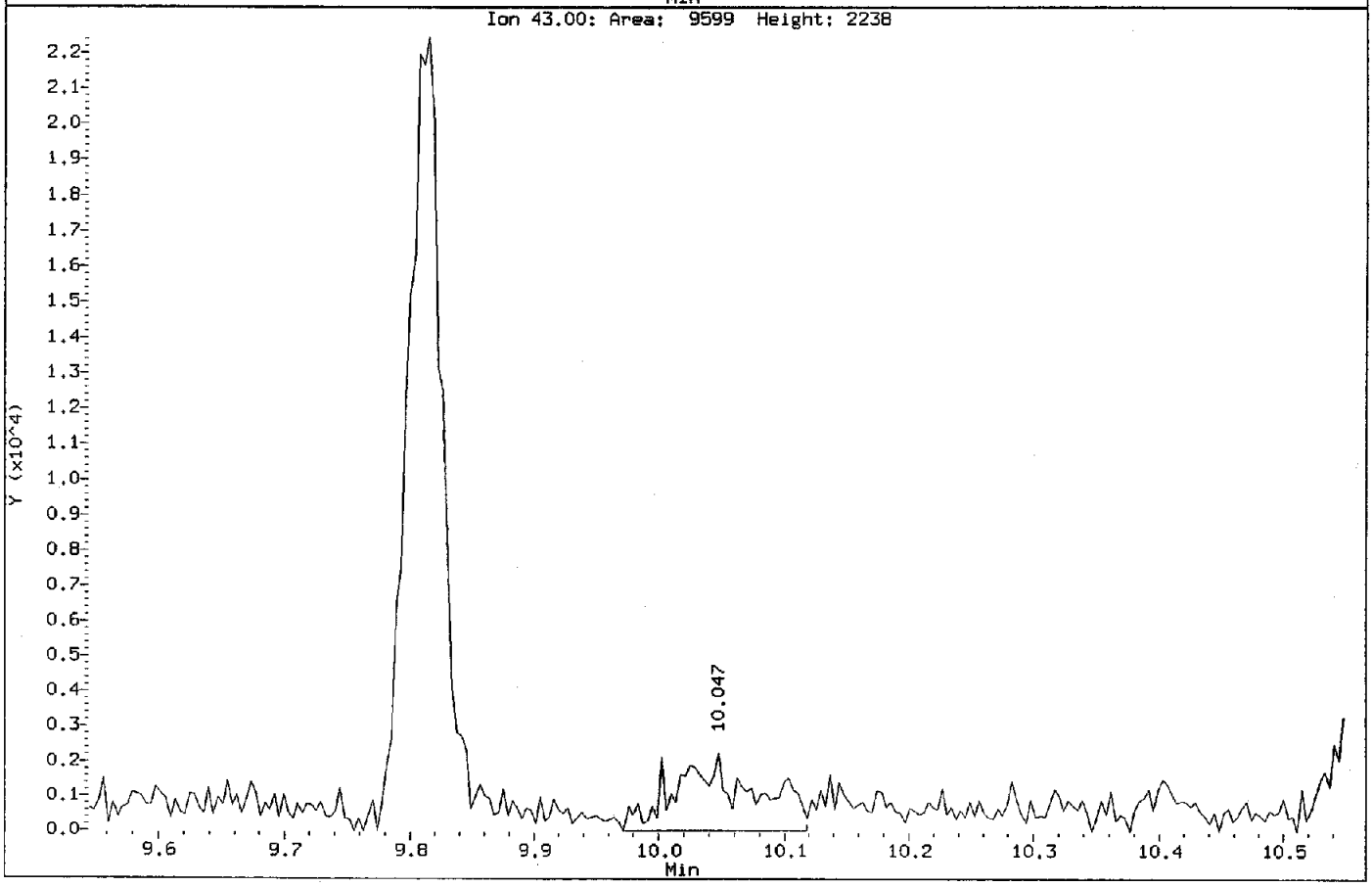




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: ICV

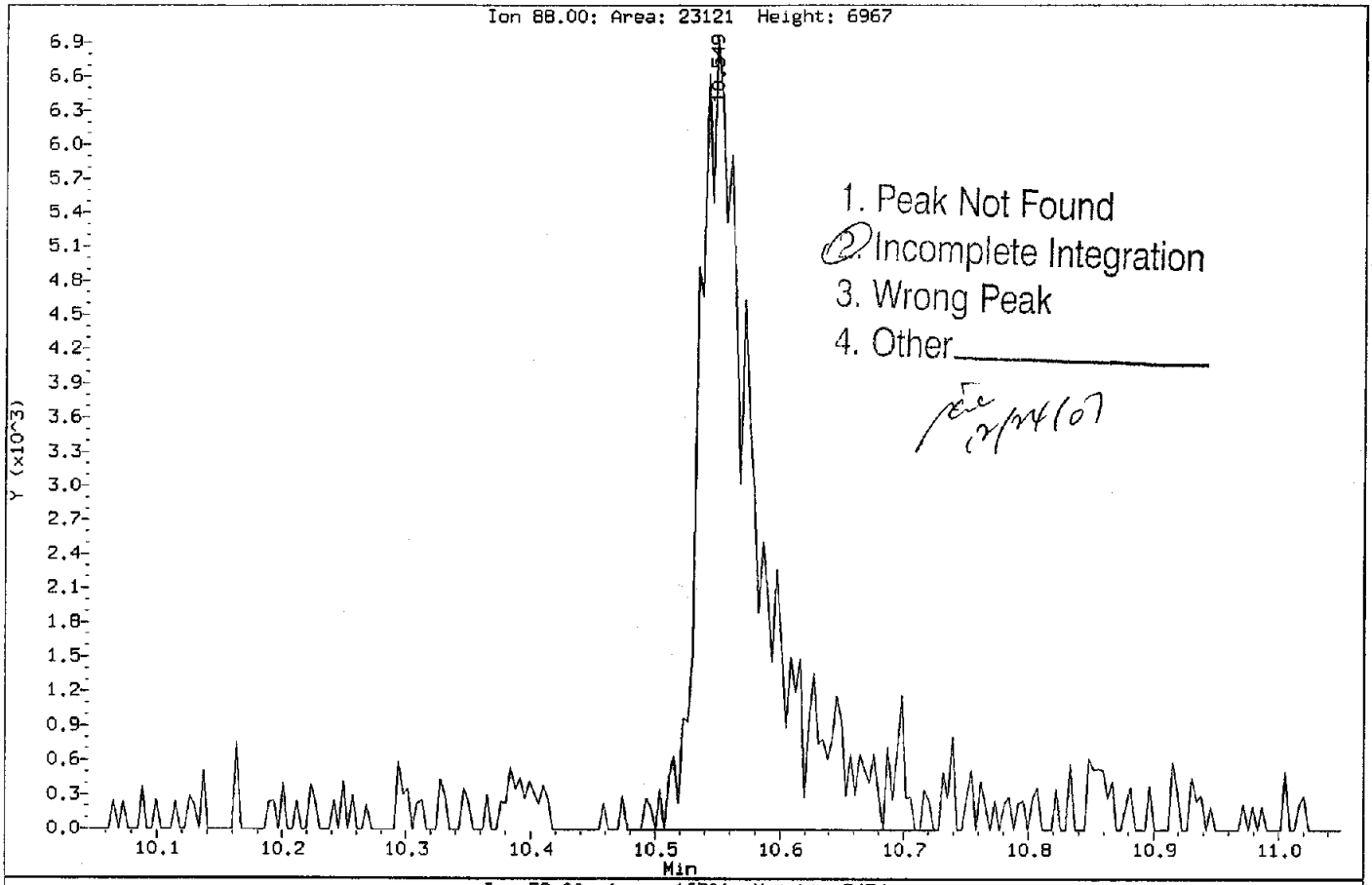
Compound: n-Butanol
CAS Number: 71-36-3

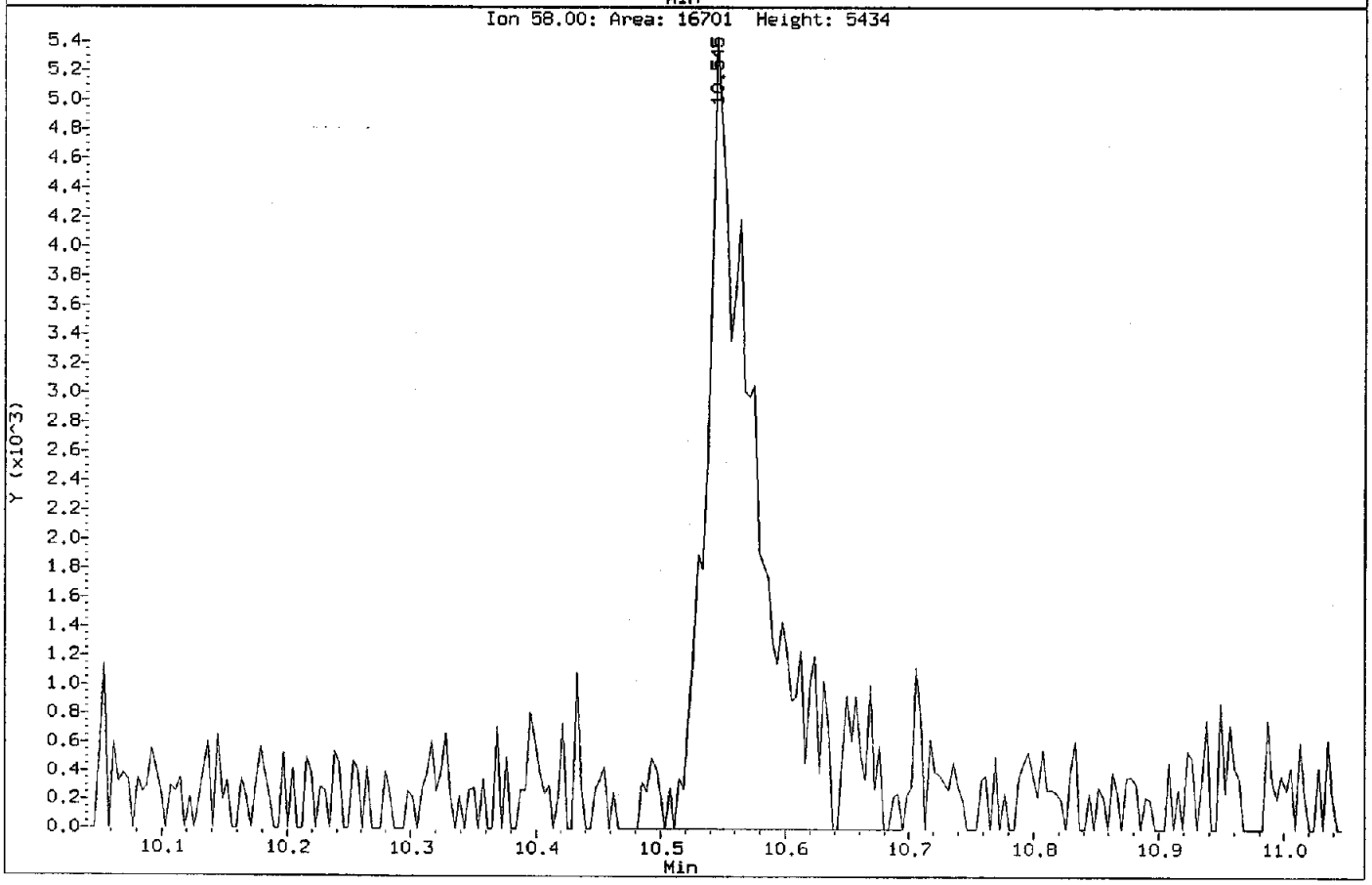




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: ICV

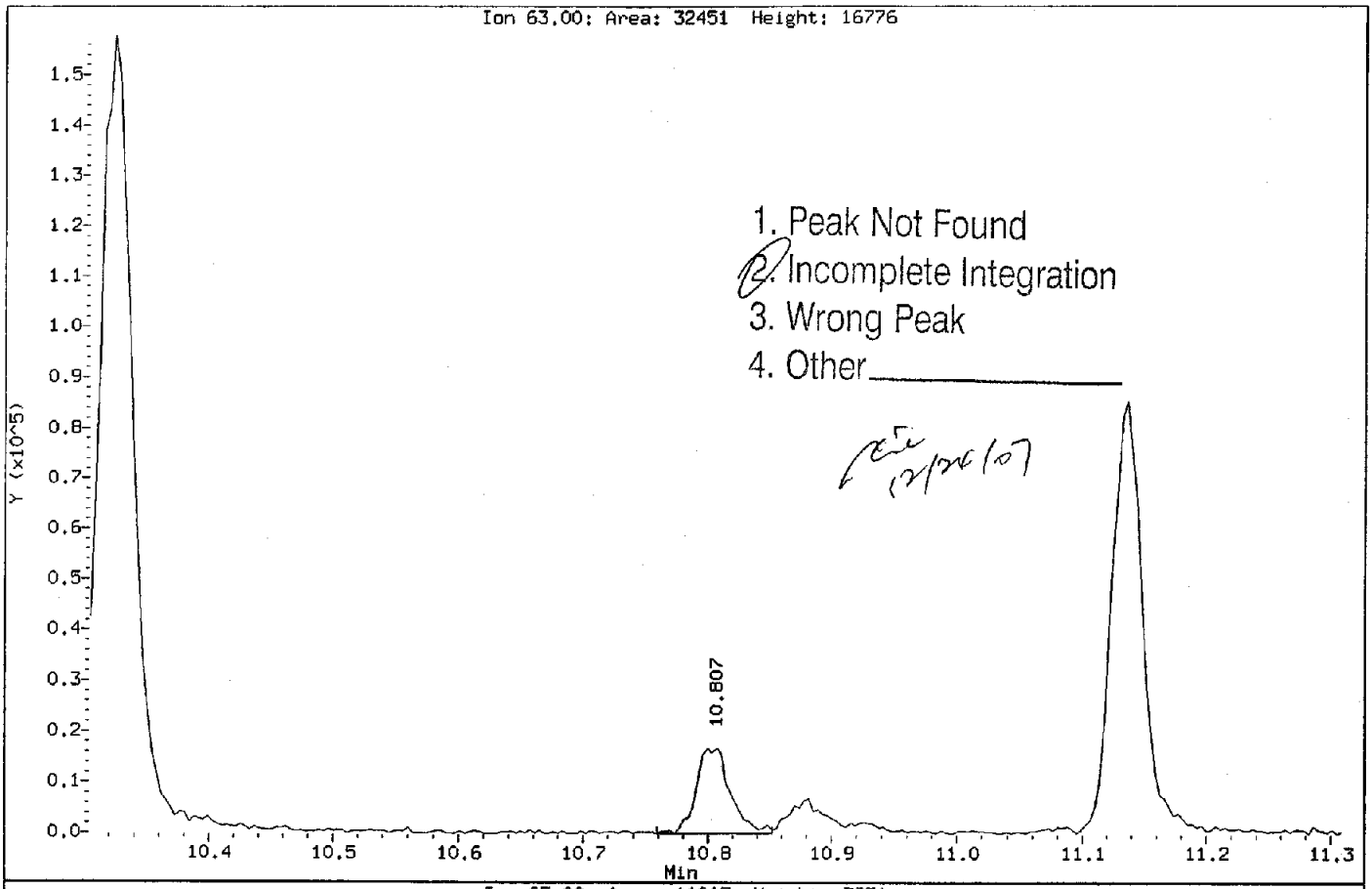
Compound: 1,4-Dioxane
CAS Number: 123-91-1

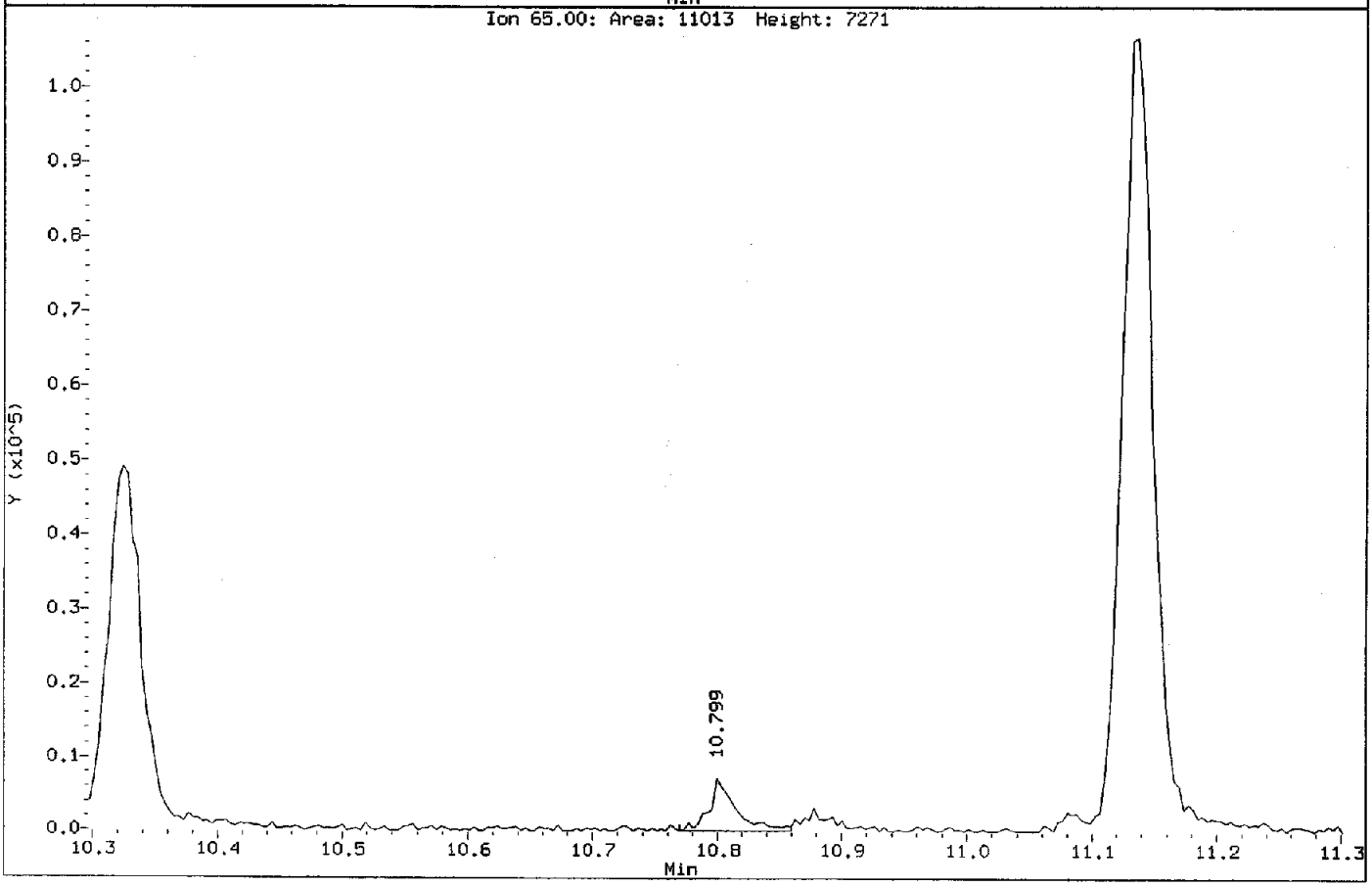




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: ICV

Compound: 2-chloroethyl vinyl ether
CAS Number: 110-75-8





Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBFB7496.D

Date : 27-DEC-2007 10:39

Client ID: VBFB

Instrument: MSL.i

Sample Info: 50ng BFB;L071227A.B

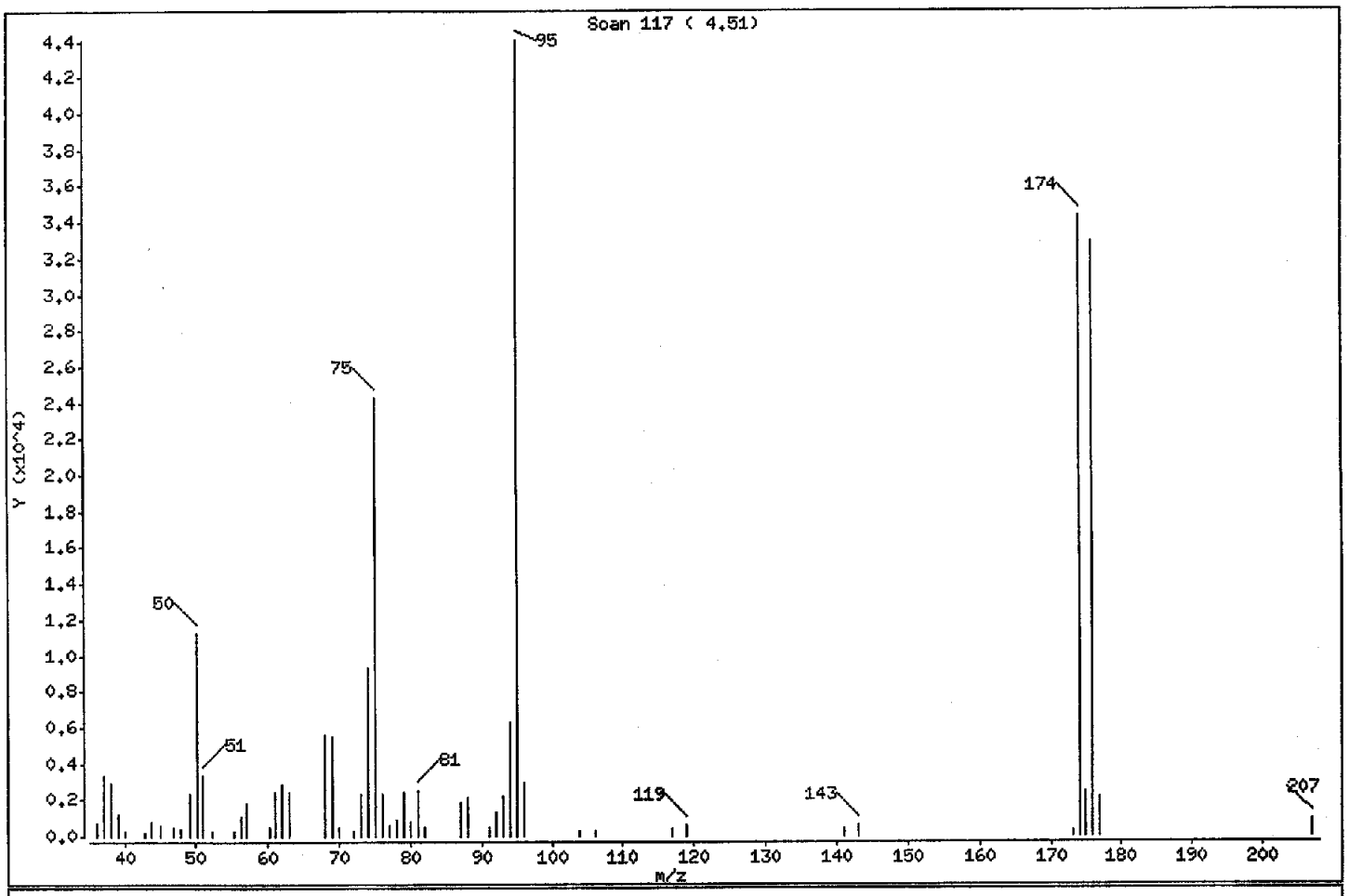
Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	25.58
75	30.00 - 60.00% of mass 95	54.98
96	5.00 - 9.00% of mass 95	6.64
173	Less than 2.00% of mass 174	0.64 (0.83)
174	Greater than 50.00% of mass 95	77.80
175	5.00 - 9.00% of mass 174	5.43 (6.98)
176	95.00 - 101.00% of mass 174	74.77 (96.10)
177	5.00 - 9.00% of mass 176	4.72 (6.32)

12/28/07

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBFB7496.D

Date : 27-DEC-2007 10:39

Client ID: VBFB

Instrument: MSL.i

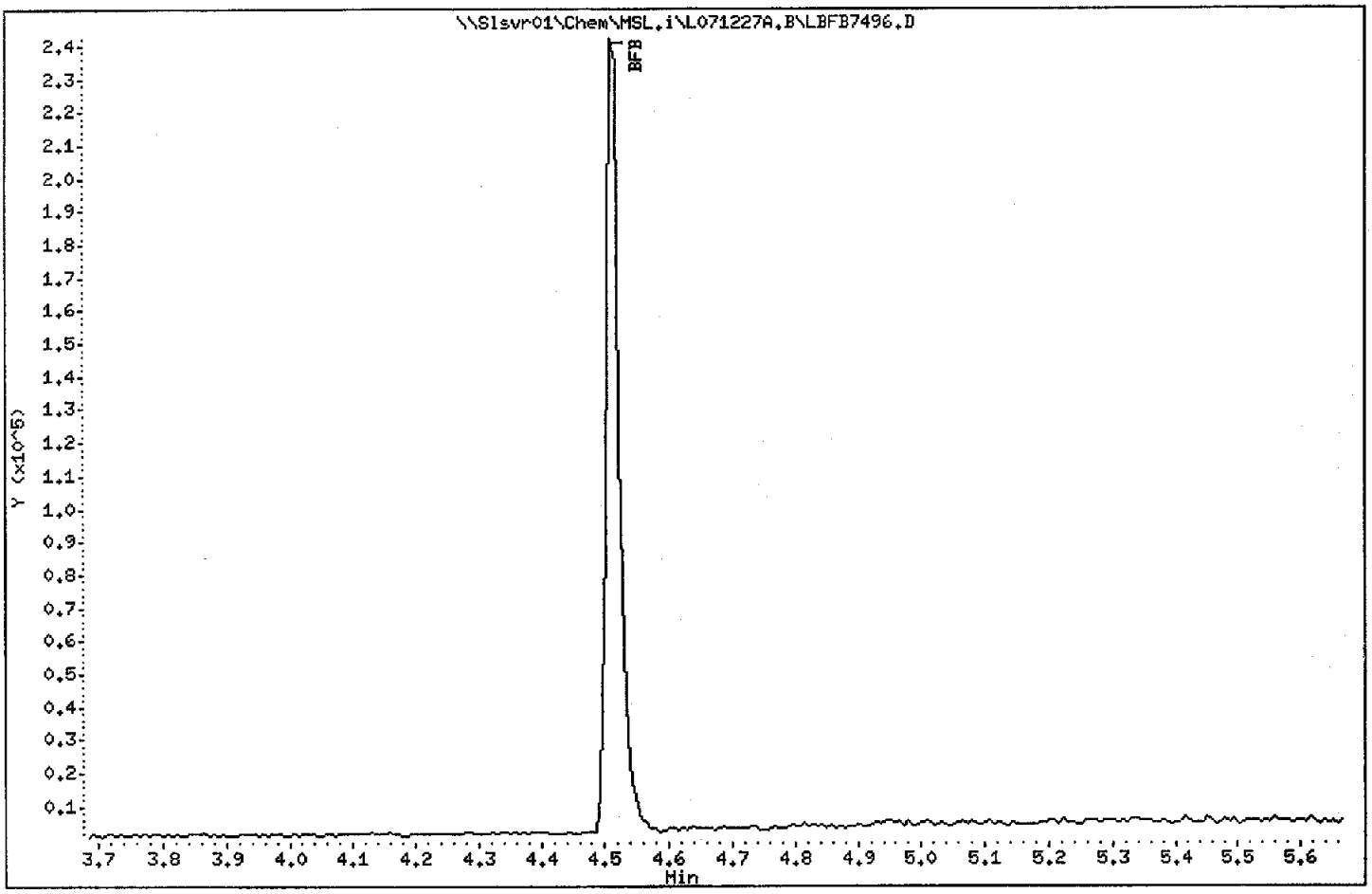
Sample Info: 50ng BFB;L071227A.B

Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53



Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBFB7496.D

Date : 27-DEC-2007 10:39

Client ID: VBFB

Instrument: MSL.i

Sample Info: 50ng BFB;L071227A.B

Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

Data File: LBFB7496.D
Spectrum: Scan 117 (4.51)
Location of Maximum: 95.10
Number of points: 55

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	739	55.10	278	76.10	2343	96.00	2927
37.10	3381	56.10	1097	77.00	626	103.90	287
38.10	2988	57.00	1853	78.00	869	106.00	334
39.10	1202	60.10	511	78.90	2391	117.00	452
40.00	295	61.00	2446	79.90	797	119.00	594
43.00	253	62.00	2881	81.00	2588	141.00	442
44.00	770	63.00	2451	82.00	529	143.00	609
45.10	652	68.00	5618	87.00	1825	173.00	283
47.00	548	69.10	5441	88.00	2097	174.00	34288
48.00	435	70.00	461	91.00	498	175.00	2393
49.10	2372	72.00	288	92.00	1363	176.00	32952
50.10	11272	73.00	2368	93.00	2277	177.00	2082
51.00	3341	74.00	9303	94.00	6316	207.00	926
52.10	295	75.00	24232	95.10	44072		

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7498.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m

Injection Date: 27-DEC-2007 11:33
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
	1 Dichlorodifluoromethane	0.32016	0.26624	0.26624	0.000	16.84412	20.00000	Averaged	
	2 Freon-114	0.07533	0.11827	0.11827	0.000	-57.00042	20.00000	Averaged	<-
	3 Chloromethane	0.58212	0.50597	0.50597	0.100	13.08235	20.00000	Averaged	
	4 Vinyl Chloride	0.49282	0.45638	0.45638	0.000	7.39407	20.00000	Averaged	
	5 Bromomethane	0.30980	0.35072	0.35072	0.000	-13.21023	20.00000	Averaged	
	6 Chloroethane	0.29779	0.33578	0.33578	0.000	-12.75709	20.00000	Averaged	
	7 Trichlorofluoromethane	0.43532	0.38948	0.38948	0.000	10.53093	20.00000	Averaged	
	8 Diethyl ether	0.08417	0.09392	0.09392	0.000	-11.59174	20.00000	Averaged	
	9 1,1-Dichloroethene	0.23860	0.24295	0.24295	0.000	-1.82187	20.00000	Averaged	
	10 1,1,2-Trichlorofluoroethane	0.24110	0.22536	0.22536	0.000	6.52836	20.00000	Averaged	
	11 Carbon Disulfide	0.78406	0.75344	0.75344	0.000	3.90480	20.00000	Averaged	
	12 Iodomethane	0.08331	0.06845	0.06845	0.000	17.84066	20.00000	Averaged	
	13 Acrolein	0.00421	0.00556	0.00556	0.000	-32.11587	20.00000	Averaged	<-
	14 Allyl chloride	0.26964	0.22040	0.22040	0.000	18.25913	20.00000	Averaged	
	15 Methylene Chloride	0.22255	0.27568	0.27568	0.000	-23.87483	20.00000	Averaged	<-
	16 Acetone	10.00000	10.06061	0.02079	0.000	-0.60609	20.00000	Linear	
	17 trans-1,2-Dichloroethene	0.28690	0.28489	0.28489	0.000	0.70249	20.00000	Averaged	
	18 n-Hexane	0.50648	0.51703	0.51703	0.000	-2.08233	20.00000	Averaged	
	19 Methyl Acetate	0.02138	0.02284	0.02284	0.000	-6.82050	20.00000	Averaged	
	20 MTBE	0.25941	0.28880	0.28880	0.000	-11.33212	20.00000	Averaged	
M	21 1,2-Dichloroethene (total)	0.26688	0.28237	0.28237	0.000	-5.80473	20.00000	Averaged	
	22 Acetonitrile	50.00000	56.42953	0.00687	0.000	-12.85906	20.00000	Linear	
	23 Acrylonitrile	0.02206	0.03890	0.03890	0.000	-76.30820	20.00000	Averaged	<-
	24 1,1-Dichloroethane	0.50543	0.53287	0.53287	0.100	-5.42895	20.00000	Averaged	
	25 2-Chloro-1,3-butadiene	0.40705	0.35907	0.35907	0.000	11.78551	20.00000	Averaged	
	26 Vinyl acetate	0.12793	0.15342	0.15342	0.000	-19.92359	20.00000	Averaged	
	27 cis-1,2-Dichloroethene	0.24685	0.27985	0.27985	0.000	-13.36776	20.00000	Averaged	
	28 2,2-Dichloropropane	0.42142	0.41471	0.41471	0.000	1.59122	20.00000	Averaged	
	29 Bromochloromethane	0.05730	0.06989	0.06989	0.000	-21.98277	20.00000	Averaged	<-
	30 Cyclohexane	0.44342	0.42005	0.42005	0.000	5.27091	20.00000	Averaged	
	31 Chloroform	0.41391	0.42399	0.42399	0.000	-2.43381	20.00000	Averaged	
	32 Ethyl acetate	20.00000	22.76581	0.01348	0.000	-13.82907	20.00000	Linear	
	33 Carbon Tetrachloride	0.33824	0.35311	0.35311	0.000	-4.39640	20.00000	Averaged	
	34 Isobutanol	0.00385	0.00423	0.00423	0.000	-9.72226	20.00000	Averaged	
	35 Tetrahydrofuran	0.00575	0.00590	0.00590	0.000	-2.61887	20.00000	Averaged	
$	36 Dibromofluoromethane	0.14825	0.15325	0.15325	0.000	-3.37288	20.00000	Averaged	
	37 1,1,1-Trichloroethane	0.40692	0.40518	0.40518	0.000	0.42654	20.00000	Averaged	
	38 2-Butanone	10.00000	10.45487	0.02096	0.000	-4.54874	20.00000	Linear	
	39 1,1-Dichloropropene	0.39441	0.39950	0.39950	0.000	-1.29084	20.00000	Averaged	
	40 Benzene	1.15695	1.18303	1.18303	0.000	-2.25466	20.00000	Averaged	
	41 Propionitrile	0.00705	0.00724	0.00724	0.000	-2.73030	20.00000	Averaged	
	42 Methacrylonitrile	0.03220	0.03858	0.03858	0.000	-19.82623	20.00000	Averaged	

12/28/07

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7498.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m

Injection Date: 27-DEC-2007 11:33
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$	43 1,2-Dichloroethane-d4	0.11659	0.11763	0.11763	0.000	-0.89952	20.00000	Averaged	
	44 1,2-Dichloroethane	0.15535	0.18303	0.18303	0.000	-17.82056	20.00000	Averaged	
	46 n-Butanol	0.00081	0.00067	0.00067	0.000	17.25605	20.00000	Averaged	
	47 Methylcyclohexane	0.41985	0.37219	0.37219	0.000	11.35011	20.00000	Averaged	
	48 Trichloroethene	0.28021	0.28145	0.28145	0.000	-0.43961	20.00000	Averaged	
	49 Dibromomethane	0.05005	0.05759	0.05759	0.000	-15.07235	20.00000	Averaged	
	50 1,2-Dichloropropane	0.21925	0.24157	0.24157	0.000	-10.17761	20.00000	Averaged	
	51 Bromodichloromethane	0.21040	0.24492	0.24492	0.000	-16.40496	20.00000	Averaged	
M	52 Xylenes (total)	0.88254	0.86866	0.86866	0.000	1.57207	20.00000	Averaged	
	53 Methyl methacrylate	0.04122	0.04878	0.04878	0.000	-18.35251	20.00000	Averaged	
	54 1,4-Dioxane	200	149	0.00083	0.000	25.62917	20.00000	Linear	<-
	55 2-chloroethyl vinyl ether	0.02712	0.02018	0.02018	0.000	25.60553	20.00000	Averaged	<-
	56 cis-1,3-Dichloropropene	0.21726	0.25682	0.25682	0.000	-18.20942	20.00000	Averaged	
$	57 Toluene-d8	1.49517	1.41584	1.41584	0.000	5.30532	20.00000	Averaged	
	58 Toluene	2.09585	2.06047	2.06047	0.000	1.68804	20.00000	Averaged	
	59 2-Nitro-Propane	10.00000	10.64704	0.06020	0.000	-6.47038	20.00000	Linear	
	60 4-Methyl-2-pentanone	0.08894	0.10052	0.10052	0.000	-13.01309	20.00000	Averaged	
	61 trans-1,3-Dichloropropene	0.24950	0.30018	0.30018	0.000	-20.31278	20.00000	Averaged	<-
	62 Tetrachloroethene	10.00000	9.71428	0.33913	0.000	2.85722	20.00000	Linear	
	63 Ethyl methacrylate	10.00000	9.73343	0.17243	0.000	2.66567	20.00000	Linear	
	64 1,1,2-Trichloroethane	0.15473	0.16959	0.16959	0.000	-9.60037	20.00000	Averaged	
	65 Chlorodibromomethane	0.14873	0.17383	0.17383	0.000	-16.87641	20.00000	Averaged	
	66 1,3-Dichloropropane	0.28493	0.33471	0.33471	0.000	-17.47231	20.00000	Averaged	
	67 1,2-Dibromoethane	0.11001	0.12143	0.12143	0.000	-10.38206	20.00000	Averaged	
	68 2-Hexanone	10.00000	9.68416	0.05067	0.000	3.15840	20.00000	Linear	
	69 Ethylbenzene	0.75255	0.72352	0.72352	0.000	3.85721	20.00000	Averaged	
	71 Chlorobenzene	1.07252	1.09944	1.09944	0.300	-2.51013	20.00000	Averaged	
	72 1,1,1,2-Tetrachloroethane	0.28721	0.30900	0.30900	0.000	-7.58810	20.00000	Averaged	
	73 m,p-Xylenes	0.94981	0.92168	0.92168	0.000	2.96223	20.00000	Averaged	
	74 o-Xylene	0.74799	0.76264	0.76264	0.000	-1.95845	20.00000	Averaged	
	75 Styrene	10.00000	9.98193	1.09142	0.000	0.18069	20.00000	Linear	
	76 Bromoform	0.16086	0.19699	0.19699	0.100	-22.46371	20.00000	Averaged	<-
	77 Isopropylbenzene	5.64746	4.85150	4.85150	0.000	14.09407	20.00000	Averaged	
$	78 4-Bromofluorobenzene	0.98266	0.87999	0.87999	0.000	10.44787	20.00000	Averaged	
	79 n-Propylbenzene	7.86499	6.88583	6.88583	0.000	12.44952	20.00000	Averaged	
	80 Bromobenzene	0.79957	0.80953	0.80953	0.000	-1.24583	20.00000	Averaged	
	81 1,1,2,2-Tetrachloroethane	0.40608	0.43359	0.43359	0.300	-6.77529	20.00000	Averaged	
	82 1,3,5-Trimethylbenzene	4.78326	4.27382	4.27382	0.000	10.65058	20.00000	Averaged	
	83 2-Chlorotoluene	3.75369	3.42303	3.42303	0.000	8.80881	20.00000	Averaged	
	84 1,2,3-Trichloropropane	0.10496	0.12037	0.12037	0.000	-14.68412	20.00000	Averaged	
	85 trans-1,4-dichloro-2-butene	10.00000	9.85739	0.09416	0.000	1.42606	20.00000	Linear	
	86 4-Chlorotoluene	3.50668	3.26854	3.26854	0.000	6.79107	20.00000	Averaged	

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7498.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m

Injection Date: 27-DEC-2007 11:33
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
87 Cyclohexanone	100	67.81086	0.00806	0.000	32.18914	20.00000	Quadratic	<-
88 t-Butylbenzene	4.27455	3.76348	3.76348	0.000	11.95615	20.00000	Averaged	
89 Pentachloroethane	10.00000	10.25424	0.40427	0.000	-2.54237	20.00000	Linear	
90 1,2,4-Trimethylbenzene	4.63758	4.28395	4.28395	0.000	7.62533	20.00000	Averaged	
91 sec-Butylbenzene	7.01564	6.10392	6.10392	0.000	12.99559	20.00000	Averaged	
92 4-Isopropyltoluene	5.32575	4.76191	4.76191	0.000	10.58708	20.00000	Averaged	
93 1,3-Dichlorobenzene	1.84136	1.81035	1.81035	0.000	1.68386	20.00000	Averaged	
95 1,4-Dichlorobenzene	1.81580	1.74864	1.74864	0.000	3.69850	20.00000	Averaged	
96 n-Butylbenzene	5.67056	5.08550	5.08550	0.000	10.31749	20.00000	Averaged	
98 1,2-Dichlorobenzene	1.36228	1.35970	1.35970	0.000	0.18908	20.00000	Averaged	
99 1,2-Dibromo-3-chloropropane	0.04332	0.04905	0.04905	0.000	-13.23256	20.00000	Averaged	
100 Hexachlorobutadiene	0.53565	0.50513	0.50513	0.000	5.69780	20.00000	Averaged	
101 1,2,4-Trichlorobenzene	0.61457	0.79695	0.79695	0.000	-29.67616	20.00000	Averaged	<-
102 Naphthalene	0.70926	0.97304	0.97304	0.000	-37.19069	20.00000	Averaged	<-
103 1,2,3-Trichlorobenzene	0.34401	0.52681	0.52681	0.000	-53.13880	20.00000	Averaged	<-
143 Nonanal	10.00000	9.89197	0.08076	0.000	1.08035	20.00000	Linear	

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Lab Smp Id: VSTD10 Client Smp ID: VSTD10
Inj Date : 27-DEC-2007 11:33
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD10;L071226A.B
Misc Info : VBLKL361A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1	Dichlorodifluoromethane	85	3.460	3.460	(0.358)	376716	10.0000	8.316
2	Freon-114	135	3.741	3.741	(0.387)	167351	10.0000	15.70
3	Chloromethane	50	3.898	3.898	(0.403)	715930	10.0000	8.692
4	Vinyl Chloride	62	4.097	4.097	(0.424)	645760	10.0000	9.260
5	Bromomethane	94	4.796	4.796	(0.496)	496261	10.0000	11.32
6	Chloroethane	64	5.025	5.025	(0.520)	475113	10.0000	11.28
7	Trichlorofluoromethane	101	5.279	5.279	(0.546)	551102	10.0000	8.947
8	Diethyl ether	59	5.792	5.792	(0.599)	265801	20.0000	22.32
9	1,1-Dichloroethene	96	6.147	6.147	(0.636)	343767	10.0000	10.18
10	1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	318880	10.0000	9.347
11	Carbon Disulfide	76	6.304	6.304	(0.652)	1066101	10.0000	9.610
12	Iodomethane	142	6.435	6.435	(0.665)	96850	10.0000	8.216(M)
13	Acrolein	56	6.626	6.626	(0.685)	39349	50.0000	66.06
14	Allyl chloride	39	6.813	6.813	(0.704)	311864	10.0000	8.174
15	Methylene Chloride	84	6.967	6.967	(0.720)	390080	10.0000	12.39
16	Acetone	43	6.974	6.974	(0.721)	29417	10.0000	10.06
17	trans-1,2-Dichloroethene	96	7.180	7.180	(0.742)	403109	10.0000	9.930
18	n-Hexane	57	7.176	7.176	(0.742)	731580	10.0000	10.21
19	Methyl Acetate	74	7.128	7.128	(0.737)	32318	10.0000	10.68(M)
20	MTBE	73	7.218	7.218	(0.746)	408647	10.0000	11.13
M 21	1,2-Dichloroethene (total)	96				799089	20.0000	21.27
22	Acetonitrile	41	7.566	7.566	(0.782)	48582	50.0000	56.43

12/28/07

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	23 Acrylonitrile	53	7.906	7.906	(0.817)	275185	50.0000	88.15
	24 1,1-Dichloroethane	63	7.872	7.872	(0.814)	753994	10.0000	10.54
	25 2-Chloro-1,3-butadiene	53	7.839	7.839	(0.810)	508080	10.0000	8.821
	26 Vinyl acetate	43	8.082	8.082	(0.836)	217082	10.0000	11.99
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	395980	10.0000	11.34
	28 2,2-Dichloropropane	77	8.535	8.535	(0.882)	586803	10.0000	9.841
	29 Bromochloromethane	128	8.703	8.703	(0.900)	98899	10.0000	12.20
	30 Cyclohexane	84	8.666	8.666	(0.896)	594355	10.0000	9.473
	31 Chloroform	83	8.707	8.707	(0.900)	599932	10.0000	10.24
	32 Ethyl acetate	43	8.756	8.756	(0.905)	38147	20.0000	22.76(M)
	33 Carbon Tetrachloride	117	8.898	8.898	(0.920)	499636	10.0000	10.44
	34 Isobutanol	42	8.894	8.894	(0.920)	119669	200.000	219.4
	35 Tetrahydrofuran	71	8.894	8.894	(0.920)	41774	50.0000	51.31
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	216851	10.0000	10.34
	37 1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	573321	10.0000	9.957
	38 2-Butanone	43	8.969	8.969	(0.927)	29651	10.0000	10.45
	39 1,1-Dichloropropene	75	9.051	9.051	(0.936)	565284	10.0000	10.13
	40 Benzene	78	9.313	9.313	(0.963)	1673955	10.0000	10.22
	41 Propionitrile	54	9.272	9.272	(0.959)	51211	50.0000	51.36
	42 Methacrylonitrile	41	9.287	9.287	(0.960)	272955	50.0000	59.91
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	166450	10.0000	10.09
	44 1,2-Dichloroethane	62	9.508	9.508	(0.983)	258980	10.0000	11.78
*	45 Fluorobenzene	96	9.672	9.672	(1.000)	1414972	10.0000	
	46 n-Butanol	56	10.032	10.032	(1.037)	9504	100.000	82.74
	47 Methylcyclohexane	55	9.811	9.811	(1.014)	526643	10.0000	8.865
	48 Trichloroethene	130	9.848	9.848	(1.018)	398237	10.0000	10.04
	49 Dibromomethane	93	10.312	10.312	(1.066)	81493	10.0000	11.51
	50 1,2-Dichloropropane	63	10.324	10.324	(1.067)	341813	10.0000	11.02
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	346551	10.0000	11.64
M	52 Xylenes (total)	106				2243682	30.0000	29.60
	53 Methyl methacrylate	69	10.402	10.402	(1.075)	69025	10.0000	11.84
	54 1,4-Dioxane	88	10.552	10.552	(1.091)	23454	200.000	148.7(M)
	55 2-chloroethyl vinyl ether	63	10.799	10.799	(1.116)	28548	10.0000	7.439
	56 cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	363396	10.0000	11.82
$	57 Toluene-d8	98	11.083	11.083	(0.885)	1219000	10.0000	9.469
	58 Toluene	91	11.136	11.136	(0.889)	1774003	10.0000	9.831
	59 2-Nitro-Propane	43	11.300	11.300	(0.902)	51833	10.0000	10.65
	60 4-Methyl-2-pentanone	43	11.364	11.364	(0.907)	86542	10.0000	11.30
	61 trans-1,3-Dichloropropene	75	11.495	11.495	(0.918)	258448	10.0000	12.03
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	291978	10.0000	9.714
	63 Ethyl methacrylate	69	11.506	11.506	(0.918)	148461	10.0000	9.733
	64 1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	146008	10.0000	10.96
	65 Chlorodibromomethane	129	11.892	11.892	(0.949)	149665	10.0000	11.69
	66 1,3-Dichloropropane	76	11.910	11.910	(0.951)	288174	10.0000	11.75
	67 1,2-Dibromoethane	107	12.150	12.150	(0.970)	104546	10.0000	11.04
	68 2-Hexanone	43	12.112	12.112	(0.967)	43629	10.0000	9.684
	69 Ethylbenzene	106	12.498	12.498	(0.998)	622930	10.0000	9.614
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	860970	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	946584	10.0000	10.25
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	266039	10.0000	10.76
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1587076	20.0000	19.41
	74 o-Xylene	106	13.033	13.033	(1.040)	656606	10.0000	10.20
	75 Styrene	104	13.089	13.089	(1.045)	939677	10.0000	9.982
	76 Bromoform	173	13.254	13.254	(0.900)	68163	10.0000	12.25

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1678693	10.0000	8.590
$ 78	4-Bromofluorobenzene	95	13.647	13.647	(0.927)	304491	10.0000	8.955
79	n-Propylbenzene	91	13.680	13.680	(0.929)	2382602	10.0000	8.755
80	Bromobenzene	156	13.789	13.789	(0.937)	280109	10.0000	10.12
81	1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	150030	10.0000	10.68
82	1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1478805	10.0000	8.935
83	2-Chlorotoluene	91	13.905	13.905	(0.945)	1184420	10.0000	9.119
84	1,2,3-Trichloropropane	110	13.927	13.927	(0.946)	41651	10.0000	11.47
85	trans-1,4-dichloro-2-butene	53	13.935	13.935	(0.947)	32580	10.0000	9.857
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	1130965	10.0000	9.321
87	Cyclohexanone	55	14.010	14.010	(0.952)	27889	100.000	67.81
88	t-Butylbenzene	119	14.156	14.156	(0.962)	1302221	10.0000	8.804
89	Pentachloroethane	167	14.275	14.275	(0.970)	139883	10.0000	10.25
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1482311	10.0000	9.237
91	sec-Butylbenzene	105	14.328	14.328	(0.973)	2112047	10.0000	8.700
92	4-Isopropyltoluene	119	14.436	14.436	(0.981)	1647693	10.0000	8.941
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	626409	10.0000	9.832
* 94	1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	346015	10.0000	
95	1,4-Dichlorobenzene	146	14.743	14.743	(1.002)	605057	10.0000	9.630
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1759660	10.0000	8.968
98	1,2-Dichlorobenzene	146	15.162	15.162	(1.030)	470477	10.0000	9.981
99	1,2-Dibromo-3-chloropropane	157	15.974	15.974	(1.085)	16971	10.0000	11.32
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	174784	10.0000	9.430
101	1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	275757	10.0000	12.97
102	Naphthalene	128	17.071	17.071	(1.160)	336685	10.0000	13.72
103	1,2,3-Trichlorobenzene	180	17.292	17.292	(1.175)	182284	10.0000	15.31
143	Nonanal	57	15.746	15.746	(1.628)	114267	10.0000	9.892

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

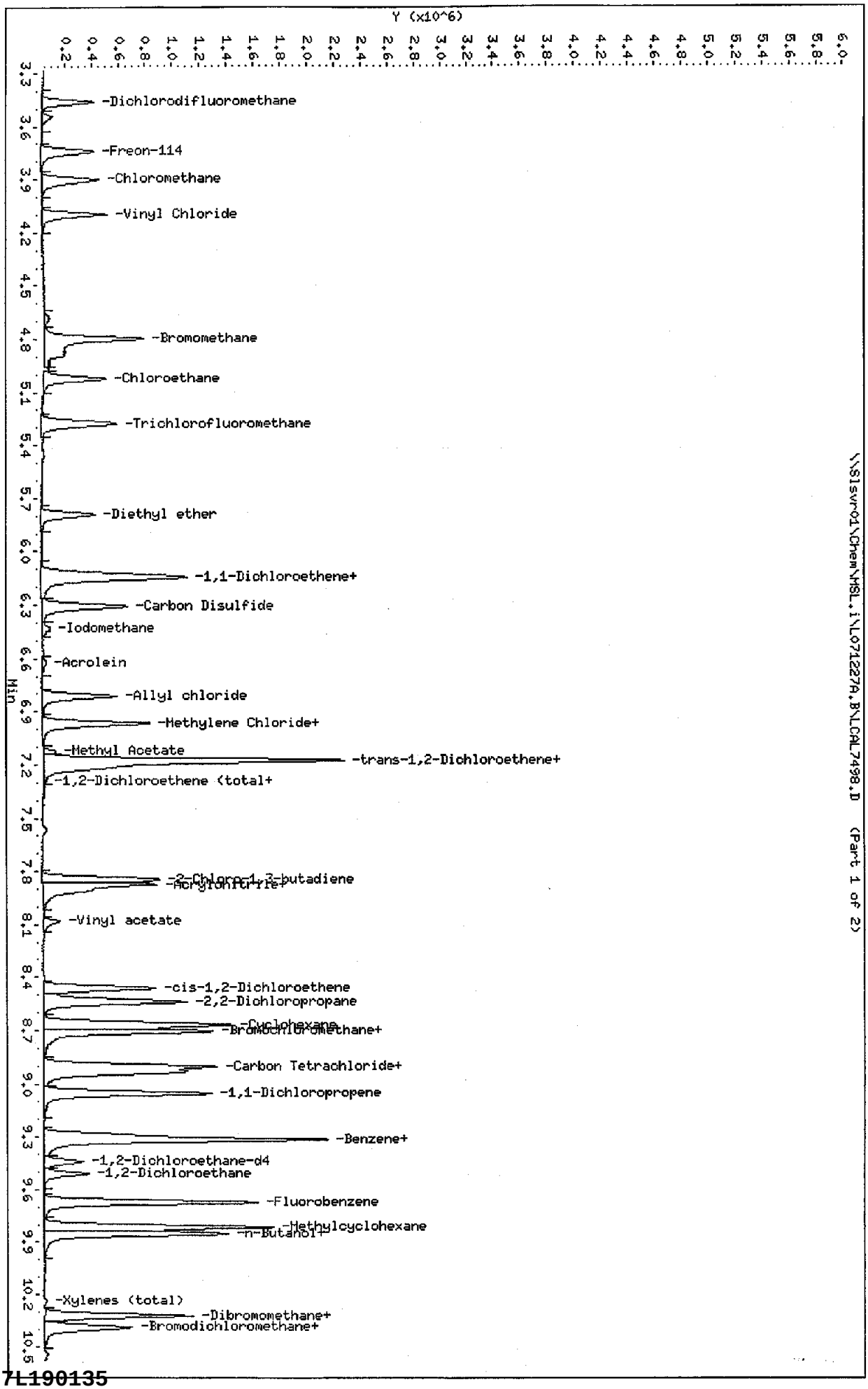
Instrument ID: MSL.i
Lab File ID: LCAL7498.D
Lab Smp Id: VSTD10
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD10
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	1414972	43.81
70 Chlorobenzene-d5	563731	281866	1127462	860970	52.73
94 1,4 Dichlorobenze	211084	105542	422168	346015	63.92

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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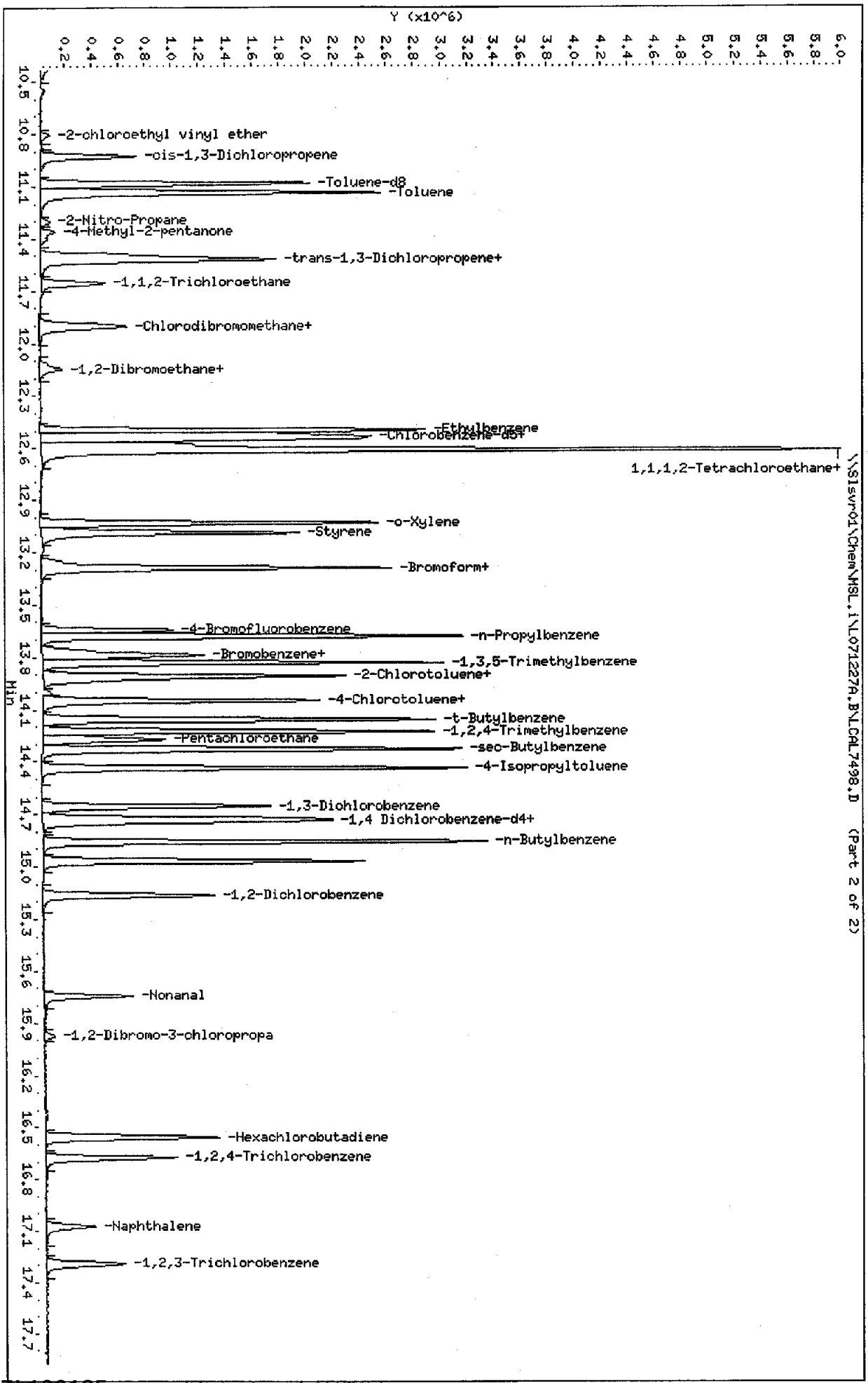
Date : 27-DEC-2007 11:33
Client ID: WSTM10
Sample Info: WSTD10;L071226A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Acrolein
-Allyl chloride
-Methylene Chloride+
-Methyl Acetate
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-2-Chloro-1,3-butadiene
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-n-Butanol+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+

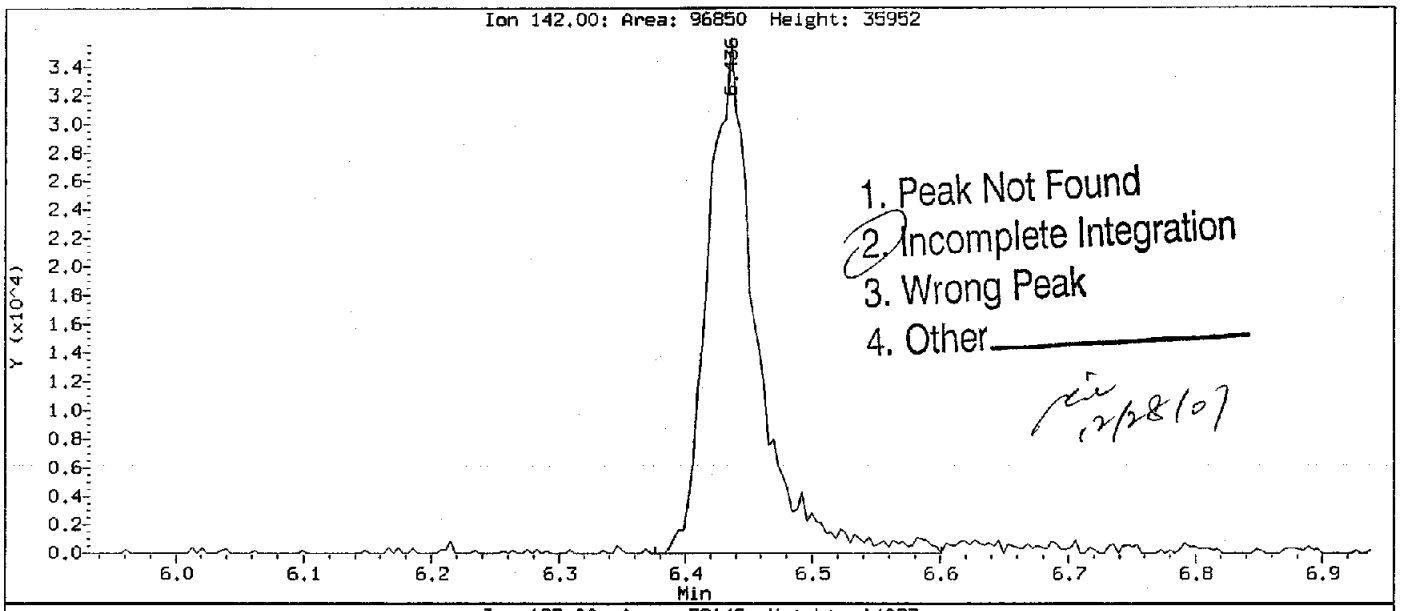


Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Date : 27-DEC-2007 11:33
Client ID: VSTD10
Sample Info: VSTD10;L0712264.B
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

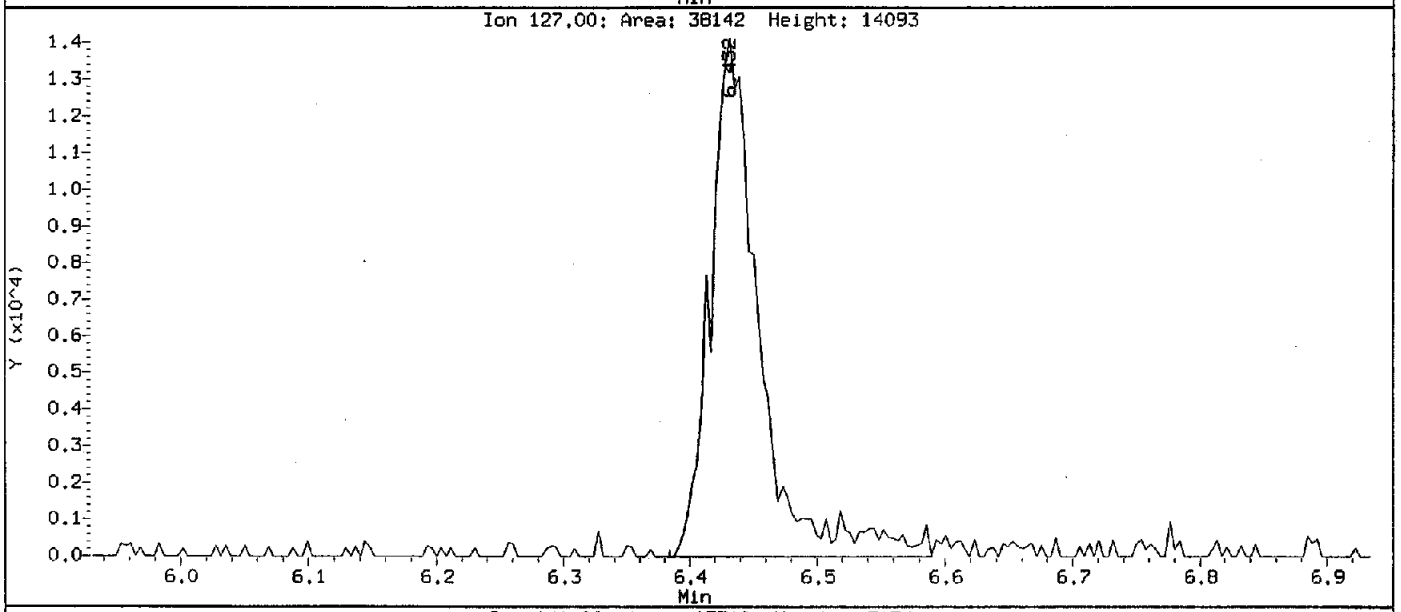
Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Injection Date: 27-DEC-2007 11:33
Instrument: MSL.i
Client Sample ID: VSTD10

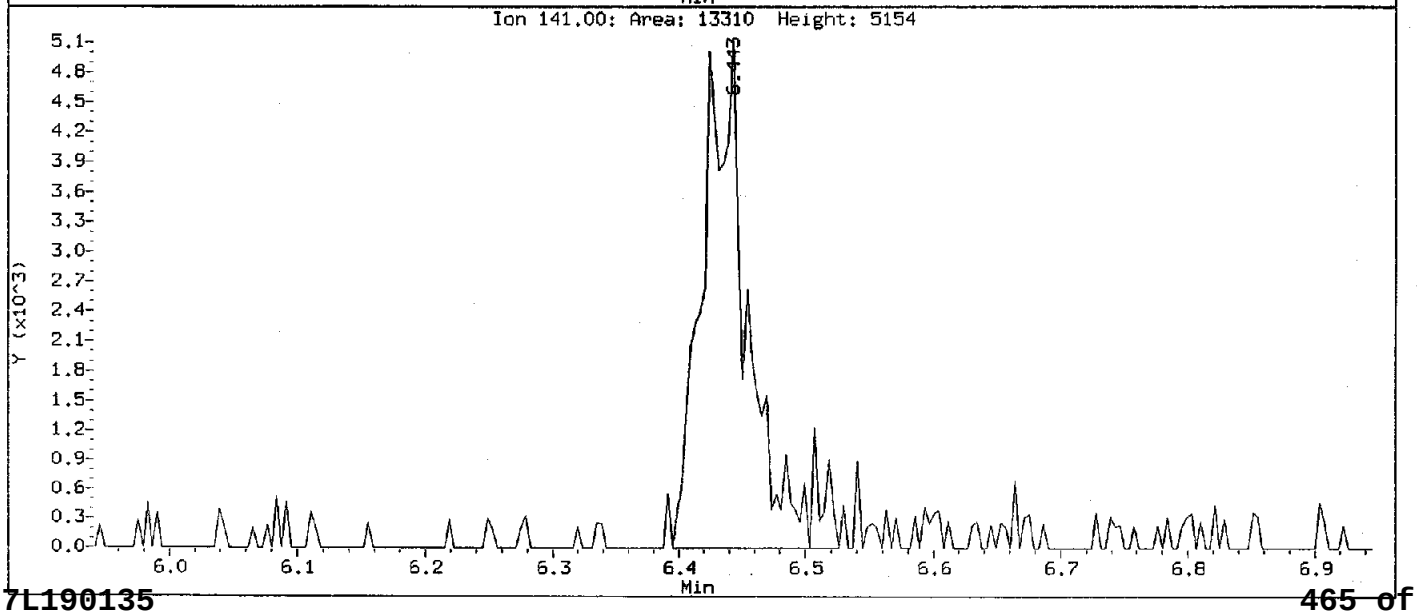
Compound: Iodomethane
CAS Number: 74-88-4



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other _____

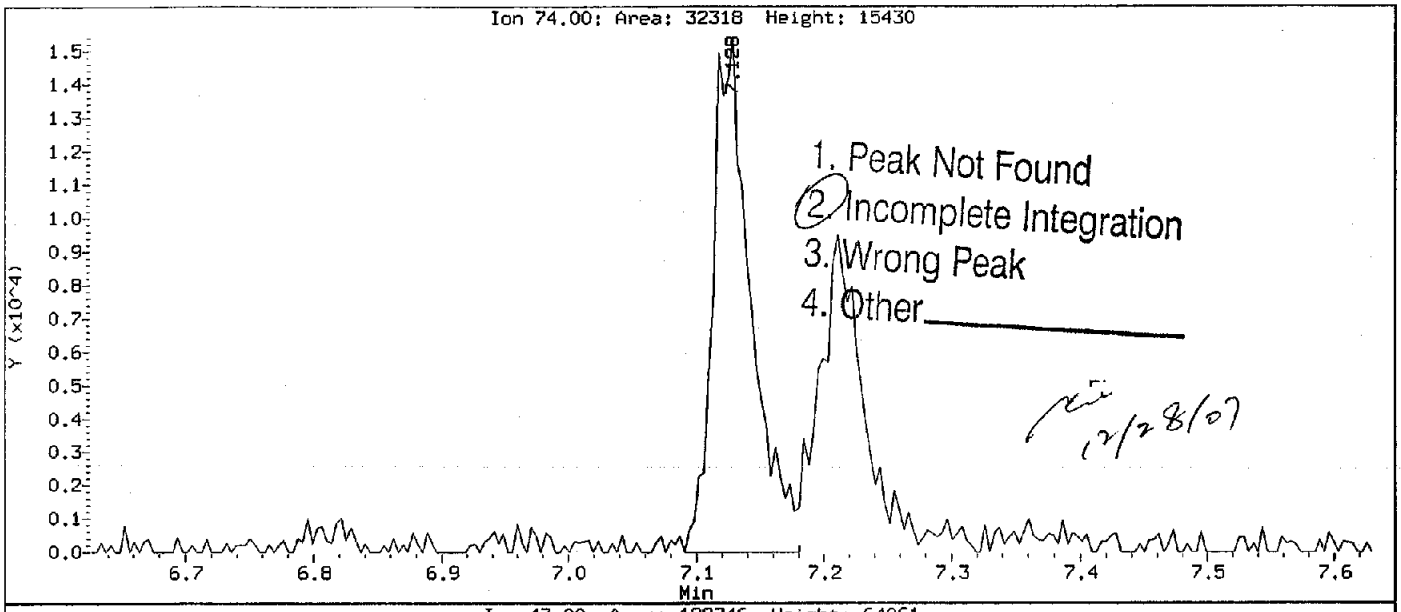
12/28/07

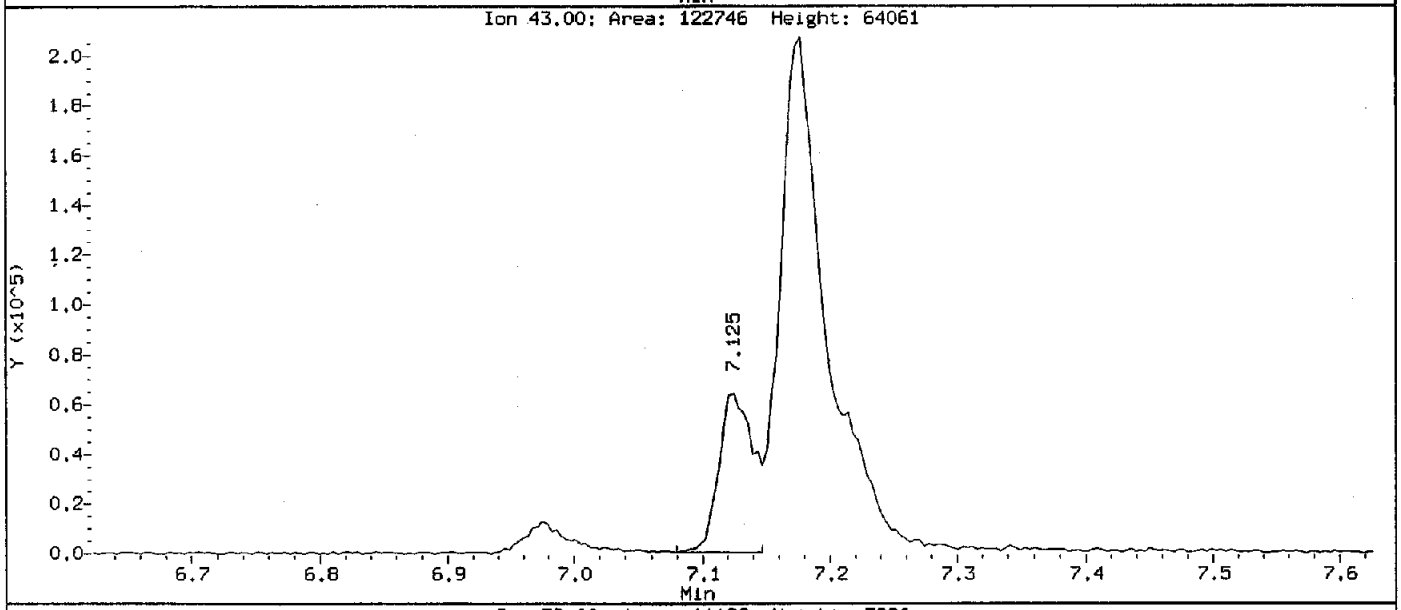


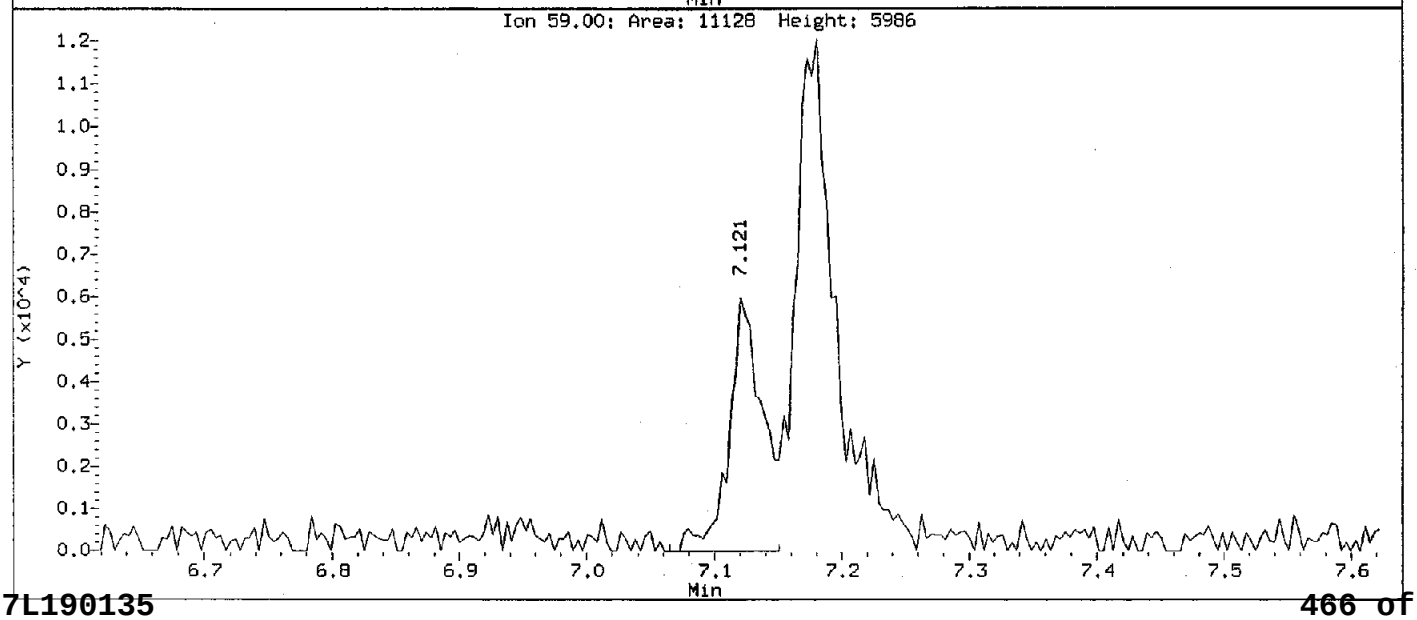


Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Injection Date: 27-DEC-2007 11:33
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Methyl Acetate
CAS Number:

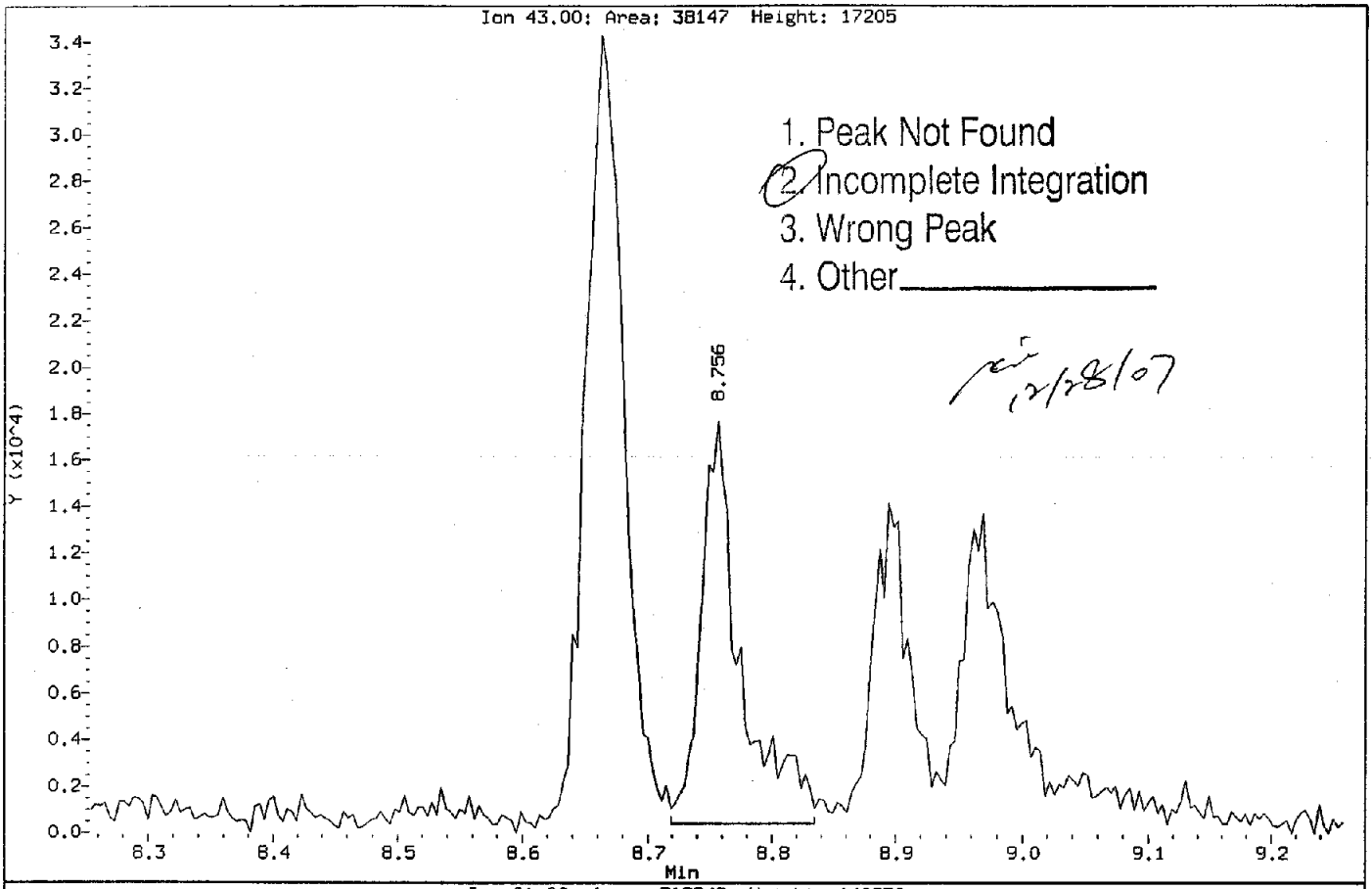


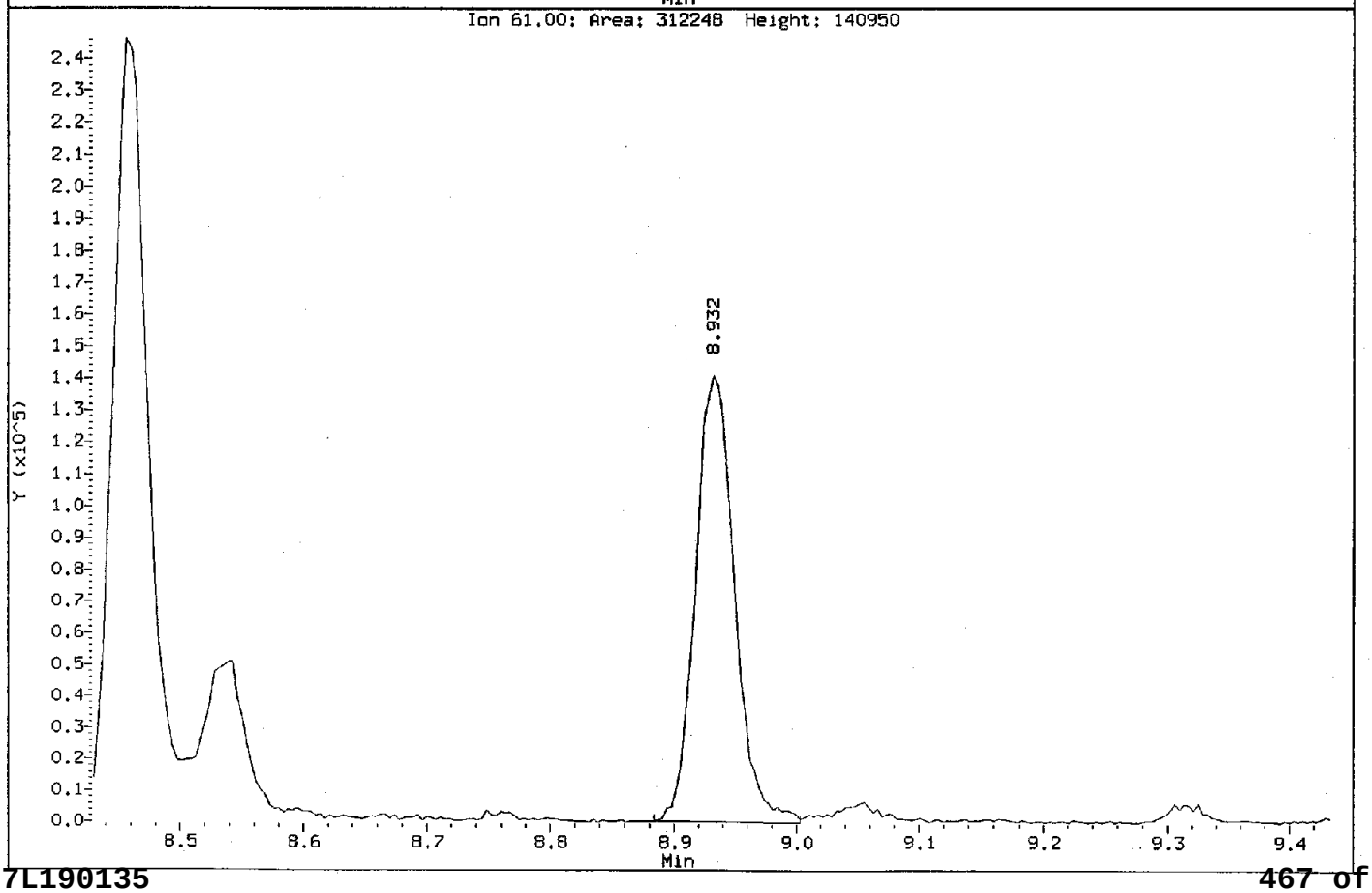




Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Injection Date: 27-DEC-2007 11:33
Instrument: MSL.i
Client Sample ID: VSTD10

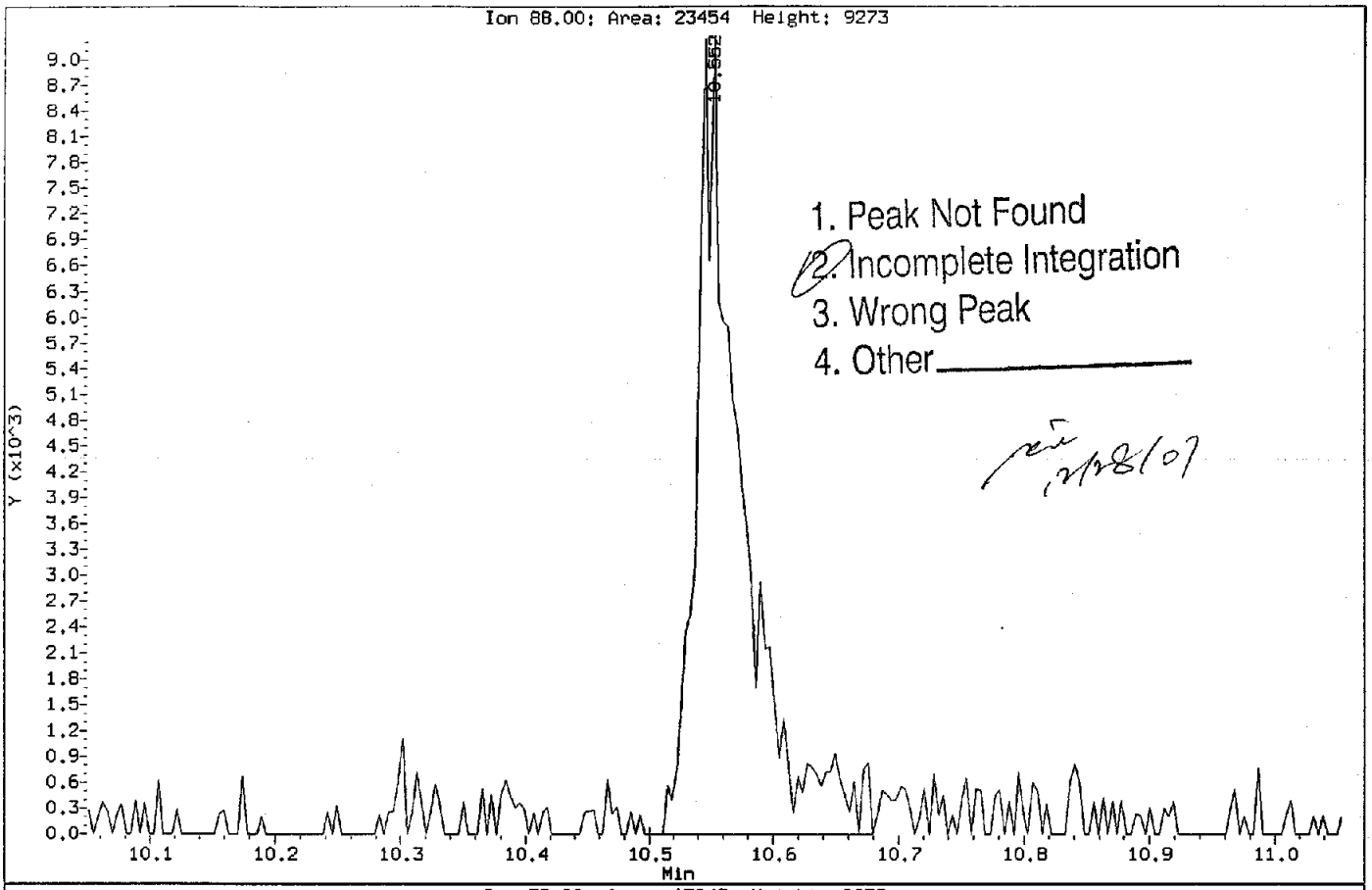
Compound: Ethyl acetate
CAS Number: 141-78-6

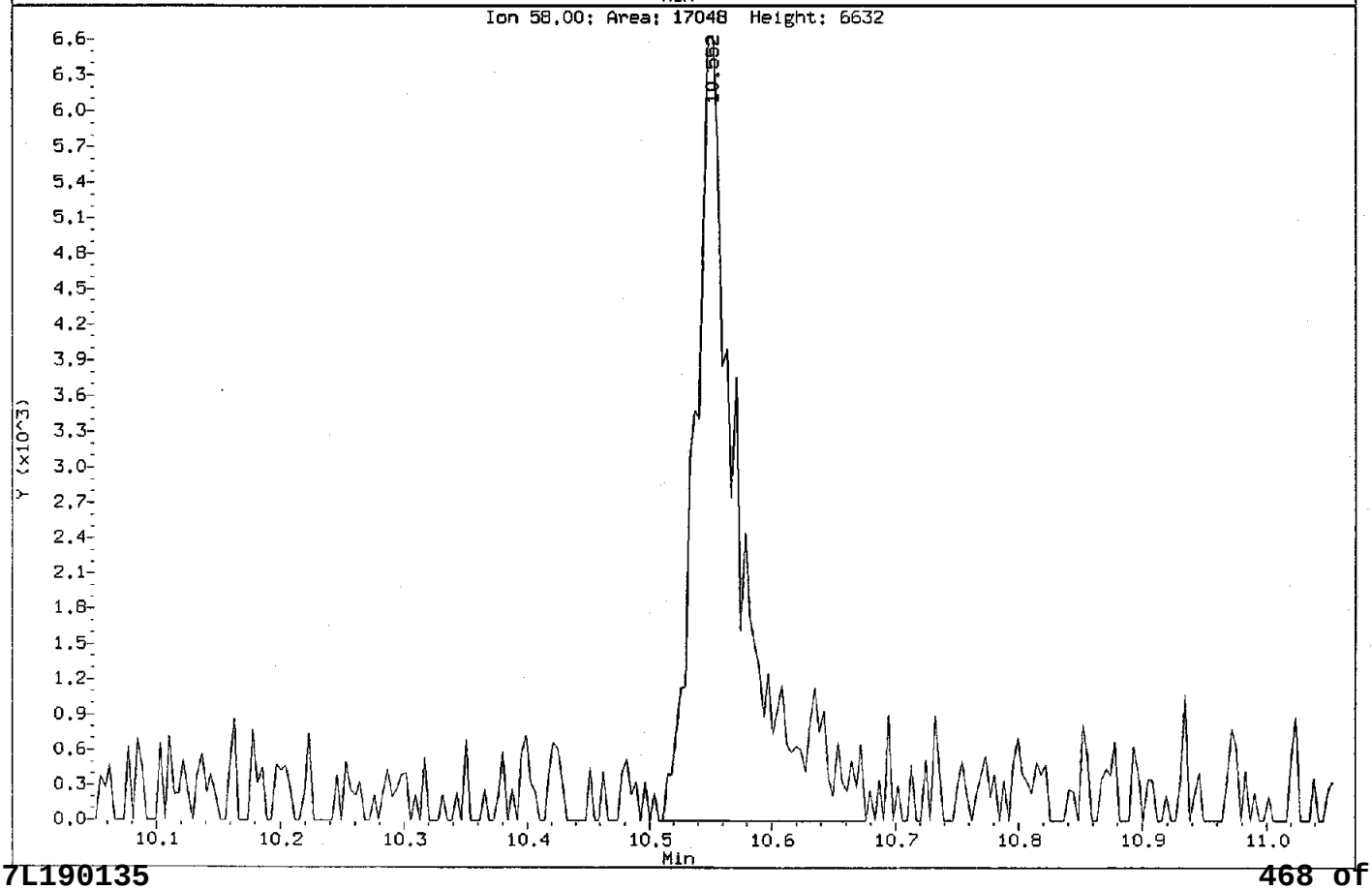




Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Injection Date: 27-DEC-2007 11:33
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: 1,4-Dioxane
CAS Number: 123-91-1





Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LBFB7419.D

Date : 21-DEC-2007 10:29

Client ID: VBFB

Instrument: MSL.i

Sample Info: 50ng BFB;L071221A.B

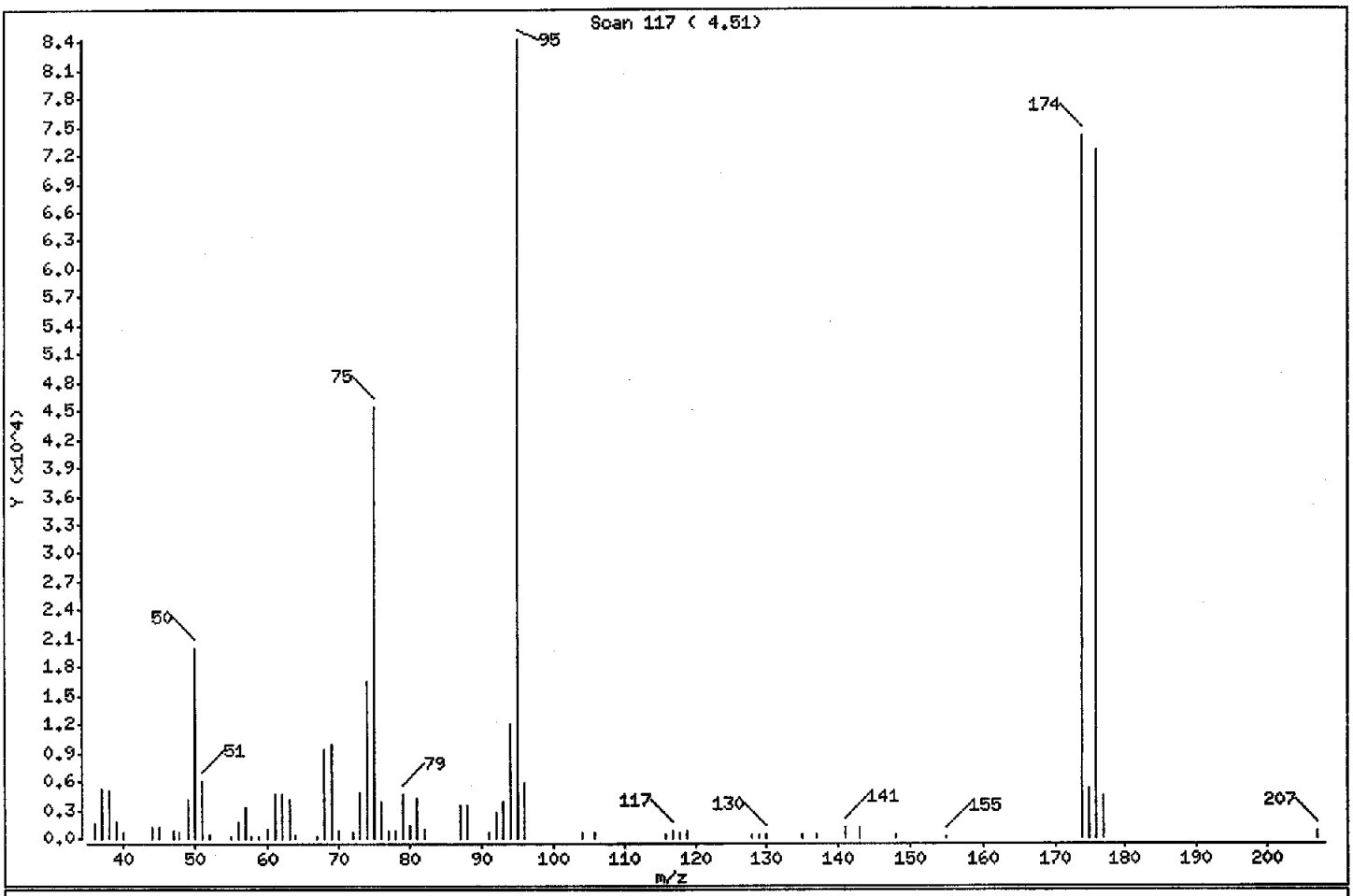
Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.83
75	30.00 - 60.00% of mass 95	53.91
96	5.00 - 9.00% of mass 95	6.94
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	87.76
175	5.00 - 9.00% of mass 174	6.31 (7.19)
176	95.00 - 101.00% of mass 174	85.95 (97.93)
177	5.00 - 9.00% of mass 176	5.23 (6.09)

12/27/07

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LBFB7419.D

Date : 21-DEC-2007 10:29

Client ID: VBFB

Instrument: MSL.i

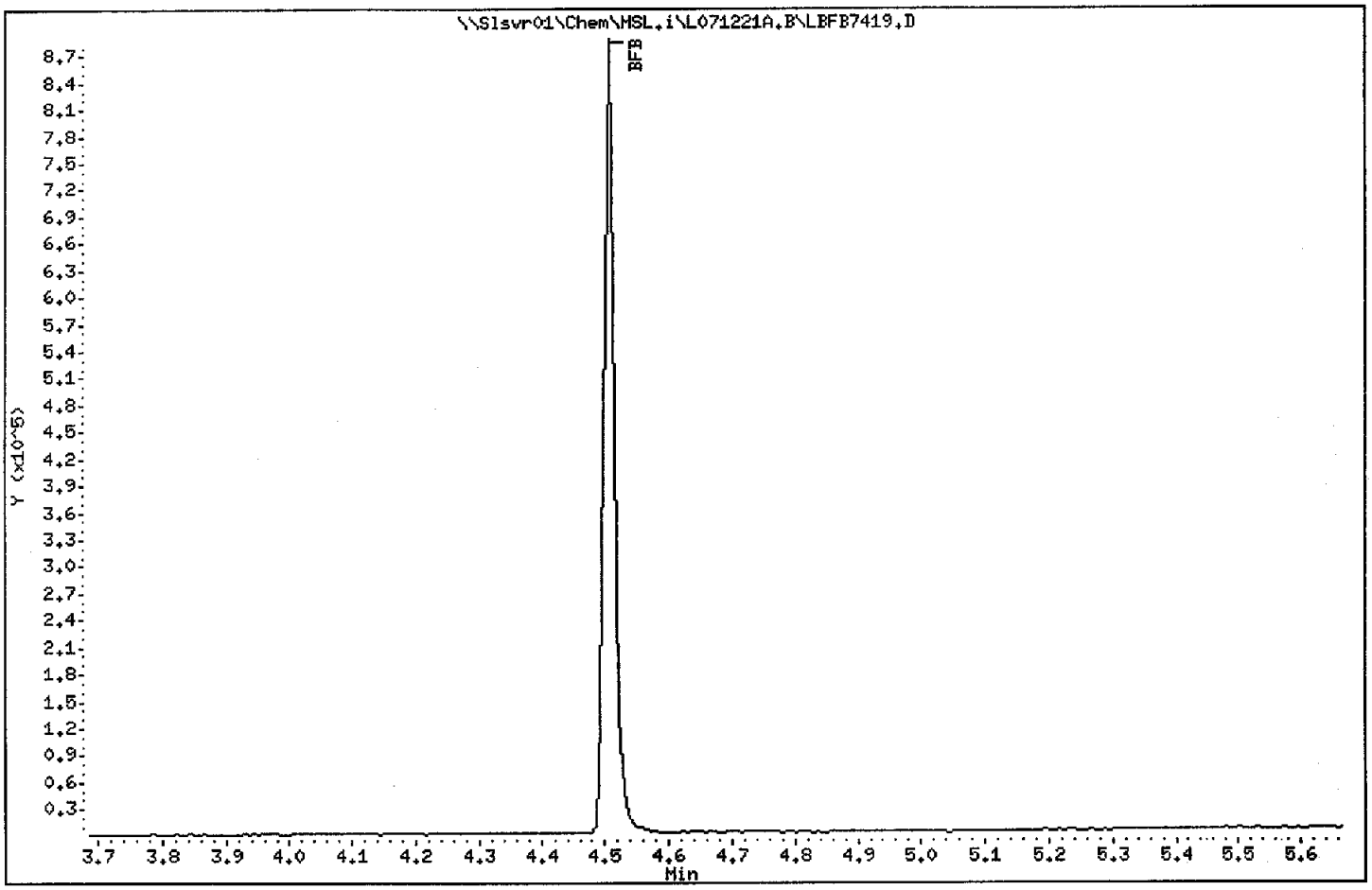
Sample Info: 50ng BFB;L071221A.B

Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53



Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LBFB7419.D

Date : 21-DEC-2007 10:29

Client ID: VBFB

Instrument: MSL.i

Sample Info: 50ng BFB;L071221A.B

Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

Data File: LBFB7419.D
Spectrum: Scan 117 (4.51)
Location of Maximum: 95.00
Number of points: 66

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1522	58.90	261	78.90	4606	118.90	759
37.00	5246	60.00	1041	79.90	1284	127.90	409
38.00	4977	61.00	4610	80.90	4355	128.80	314
39.00	1779	62.00	4623	81.90	948	129.90	436
39.90	552	63.00	4027	86.90	3417	134.90	355
44.00	1073	64.00	382	87.90	3409	136.90	371
45.00	1150	66.90	279	90.90	667	140.90	1206
47.00	861	68.00	9407	92.00	2807	142.90	1177
47.90	532	69.00	9833	93.00	3949	147.90	304
49.00	4147	70.00	853	94.00	11967	155.00	254
50.00	20080	72.00	588	95.00	84256	173.90	73944
51.00	5923	73.00	4778	96.00	5848	174.90	5319
52.00	469	74.00	16512	104.00	563	175.90	72416
55.00	278	75.00	45424	105.80	531	176.90	4409
56.00	1669	76.00	3877	115.80	360	207.00	699
57.00	3359	77.00	781	116.90	845		
57.90	267	78.00	783	117.80	501		

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7422.D
Report Date: 27-Dec-2007 12:22

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7422.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m

Injection Date: 21-DEC-2007 13:05
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
	1 Dichlorodifluoromethane	0.32016	0.30546	0.30546	0.000	4.59211	20.00000	Averaged	
	2 Freon-114	0.07533	0.05833	0.05833	0.000	22.56502	20.00000	Averaged	<-
	3 Chloromethane	0.58212	0.46473	0.46473	0.100	20.16551	20.00000	Averaged	<-
	4 Vinyl Chloride	0.49282	0.50580	0.50580	0.000	-2.63503	20.00000	Averaged	
	5 Bromomethane	0.30980	0.48973	0.48973	0.000	-58.08148	20.00000	Averaged	<-
	6 Chloroethane	0.29779	0.35495	0.35495	0.000	-19.19534	20.00000	Averaged	
	7 Trichlorofluoromethane	0.43532	0.45933	0.45933	0.000	-5.51513	20.00000	Averaged	
	8 Diethyl ether	0.08417	0.08106	0.08106	0.000	3.68748	20.00000	Averaged	
	9 1,1-Dichloroethene	0.23860	0.22417	0.22417	0.000	6.04717	20.00000	Averaged	
	10 1,1,2-Trichlorofluoroethane	0.24110	0.23886	0.23886	0.000	0.93020	20.00000	Averaged	
	11 Carbon Disulfide	0.78406	0.74708	0.74708	0.000	4.71683	20.00000	Averaged	
	12 Iodomethane	0.08331	0.12457	0.12457	0.000	-49.52198	20.00000	Averaged	<-
	13 Acrolein	0.00421	0.00410	0.00410	0.000	2.63845	20.00000	Averaged	
	14 Allyl chloride	0.26964	0.25893	0.25893	0.000	3.96882	20.00000	Averaged	
	15 Methylene Chloride	0.22255	0.21449	0.21449	0.000	3.62189	20.00000	Averaged	
	16 Acetone	10.00000	8.52886	0.01812	0.000	14.71139	20.00000	Linear	
	17 trans-1,2-Dichloroethene	0.28690	0.28344	0.28344	0.000	1.20782	20.00000	Averaged	
	18 n-Hexane	0.50648	0.54134	0.54134	0.000	-6.88237	20.00000	Averaged	
	19 Methyl Acetate	0.02138	0.01737	0.01737	0.000	18.76026	20.00000	Averaged	
	20 MTBE	0.25941	0.24227	0.24227	0.000	6.60593	20.00000	Averaged	
M	21 1,2-Dichloroethene (total)	0.26688	0.26254	0.26254	0.000	1.62546	20.00000	Averaged	
	22 Acetonitrile	50.00000	46.46199	0.00567	0.000	7.07602	20.00000	Linear	
	23 Acrylonitrile	0.02206	0.02406	0.02406	0.000	-9.06748	20.00000	Averaged	
	24 1,1-Dichloroethane	0.50543	0.49529	0.49529	0.100	2.00520	20.00000	Averaged	
	25 2-Chloro-1,3-butadiene	0.40705	0.41579	0.41579	0.000	-2.14683	20.00000	Averaged	
	26 Vinyl acetate	0.12793	0.13863	0.13863	0.000	-8.36228	20.00000	Averaged	
	27 cis-1,2-Dichloroethene	0.24685	0.24164	0.24164	0.000	2.11086	20.00000	Averaged	
	28 2,2-Dichloropropane	0.42142	0.43229	0.43229	0.000	-2.57984	20.00000	Averaged	
	29 Bromochloromethane	0.05730	0.05749	0.05749	0.000	-0.32871	20.00000	Averaged	
	30 Cyclohexane	0.44342	0.46688	0.46688	0.000	-5.29076	20.00000	Averaged	
	31 Chloroform	0.41391	0.39413	0.39413	0.000	4.77927	20.00000	Averaged	
	32 Ethyl acetate	20.00000	26.40869	0.01569	0.000	-32.04346	20.00000	Linear	<-
	33 Carbon Tetrachloride	0.33824	0.36123	0.36123	0.000	-6.79721	20.00000	Averaged	
	34 Isobutanol	0.00385	0.00333	0.00333	0.000	13.51586	20.00000	Averaged	
	35 Tetrahydrofuran	0.00575	0.00499	0.00499	0.000	13.30940	20.00000	Averaged	
$	36 Dibromofluoromethane	0.14825	0.15283	0.15283	0.000	-3.08871	20.00000	Averaged	
	37 1,1,1-Trichloroethane	0.40692	0.41389	0.41389	0.000	-1.71349	20.00000	Averaged	
	38 2-Butanone	10.00000	12.22301	0.02458	0.000	-22.23008	20.00000	Linear	<-
	39 1,1-Dichloropropene	0.39441	0.41051	0.41051	0.000	-4.08230	20.00000	Averaged	
	40 Benzene	1.15695	1.15750	1.15750	0.000	-0.04766	20.00000	Averaged	
	41 Propionitrile	0.00705	0.00627	0.00627	0.000	10.95629	20.00000	Averaged	
	42 Methacrylonitrile	0.03220	0.03335	0.03335	0.000	-3.59369	20.00000	Averaged	

12/27/07

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7422.D
Report Date: 27-Dec-2007 12:22

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7422.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m

Injection Date: 21-DEC-2007 13:05
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$	43 1,2-Dichloroethane-d4	0.11659	0.11104	0.11104	0.000	4.75591	20.00000	Averaged	
	44 1,2-Dichloroethane	0.15535	0.14519	0.14519	0.000	6.53675	20.00000	Averaged	
	46 n-Butanol	0.00081	0.00083	0.00083	0.000	-1.88284	20.00000	Averaged	
	47 Methylcyclohexane	0.41985	0.42883	0.42883	0.000	-2.13974	20.00000	Averaged	
	48 Trichloroethene	0.28021	0.28897	0.28897	0.000	-3.12661	20.00000	Averaged	
	49 Dibromomethane	0.05005	0.05004	0.05004	0.000	0.02483	20.00000	Averaged	
	50 1,2-Dichloropropane	0.21925	0.22371	0.22371	0.000	-2.03276	20.00000	Averaged	
	51 Bromodichloromethane	0.21040	0.21072	0.21072	0.000	-0.15365	20.00000	Averaged	
M	52 Xylenes (total)	0.88254	0.90953	0.90953	0.000	-3.05833	20.00000	Averaged	
	53 Methyl methacrylate	0.04122	0.03798	0.03798	0.000	7.84287	20.00000	Averaged	
	54 1,4-Dioxane	200	158	0.00087	0.000	21.21345	20.00000	Linear	<-
	55 2-chloroethyl vinyl ether	0.02712	0.02458	0.02458	0.000	9.36461	20.00000	Averaged	
	56 cis-1,3-Dichloropropene	0.21726	0.21818	0.21818	0.000	-0.42495	20.00000	Averaged	
$	57 Toluene-d8	1.49517	1.60474	1.60474	0.000	-7.32858	20.00000	Averaged	
	58 Toluene	2.09585	2.15200	2.15200	0.000	-2.67926	20.00000	Averaged	
	59 2-Nitro-Propane	10.00000	8.74689	0.04897	0.000	12.53106	20.00000	Linear	
	60 4-Methyl-2-pentanone	0.08894	0.08504	0.08504	0.000	4.39160	20.00000	Averaged	
	61 trans-1,3-Dichloropropene	0.24950	0.26383	0.26383	0.000	-5.74150	20.00000	Averaged	
	62 Tetrachloroethene	10.00000	10.74216	0.37530	0.000	-7.42161	20.00000	Linear	
	63 Ethyl methacrylate	10.00000	8.39643	0.14508	0.000	16.03571	20.00000	Linear	
	64 1,1,2-Trichloroethane	0.15473	0.14637	0.14637	0.000	5.40401	20.00000	Averaged	
	65 Chlorodibromomethane	0.14873	0.15203	0.15203	0.000	-2.21772	20.00000	Averaged	
	66 1,3-Dichloropropane	0.28493	0.28777	0.28777	0.000	-0.99664	20.00000	Averaged	
	67 1,2-Dibromoethane	0.11001	0.10747	0.10747	0.000	2.30808	20.00000	Averaged	
	68 2-Hexanone	10.00000	8.01755	0.04147	0.000	19.82447	20.00000	Linear	
	69 Ethylbenzene	0.75255	0.76534	0.76534	0.000	-1.69942	20.00000	Averaged	
	71 Chlorobenzene	1.07252	1.07272	1.07272	0.300	-0.01929	20.00000	Averaged	
	72 1,1,1,2-Tetrachloroethane	0.28721	0.28818	0.28818	0.000	-0.34093	20.00000	Averaged	
	73 m,p-Xylenes	0.94981	0.97306	0.97306	0.000	-2.44730	20.00000	Averaged	
	74 o-Xylene	0.74799	0.78247	0.78247	0.000	-4.61016	20.00000	Averaged	
	75 Styrene	10.00000	9.46231	1.03409	0.000	5.37685	20.00000	Linear	
	76 Bromoform	0.16086	0.16412	0.16412	0.100	-2.02992	20.00000	Averaged	
	77 Isopropylbenzene	5.64746	5.63145	5.63145	0.000	0.28358	20.00000	Averaged	
$	78 4-Bromofluorobenzene	0.98266	0.93421	0.93421	0.000	4.93055	20.00000	Averaged	
	79 n-Propylbenzene	7.86499	7.94592	7.94592	0.000	-1.02899	20.00000	Averaged	
	80 Bromobenzene	0.79957	0.77067	0.77067	0.000	3.61468	20.00000	Averaged	
	81 1,1,2,2-Tetrachloroethane	0.40608	0.37935	0.37935	0.300	6.58152	20.00000	Averaged	
	82 1,3,5-Trimethylbenzene	4.78326	4.79492	4.79492	0.000	-0.24361	20.00000	Averaged	
	83 2-Chlorotoluene	3.75369	3.74483	3.74483	0.000	0.23598	20.00000	Averaged	
	84 1,2,3-Trichloropropane	0.10496	0.10021	0.10021	0.000	4.52847	20.00000	Averaged	
	85 trans-1,4-dichloro-2-butene	10.00000	9.40826	0.08975	0.000	5.91744	20.00000	Linear	
	86 4-Chlorotoluene	3.50668	3.49359	3.49359	0.000	0.37336	20.00000	Averaged	

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7422.D
Report Date: 27-Dec-2007 12:22

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7422.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m

Injection Date: 21-DEC-2007 13:05
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

			CCAL	MIN		MAX		
COMPOUND	RRF / AMOUNT	RF10	RRF10	RRF	%D / %DRIFT	%D / %DRIFT	CURVE TYPE	
87 Cyclohexanone	100	142	0.01195	0.000	-41.94418	20.00000	Quadratic	<-
88 t-Butylbenzene	4.27455	4.39708	4.39708	0.000	-2.86631	20.00000	Averaged	
89 Pentachloroethane	10.00000	10.54188	0.41609	0.000	-5.41885	20.00000	Linear	
90 1,2,4-Trimethylbenzene	4.63758	4.58550	4.58550	0.000	1.12305	20.00000	Averaged	
91 sec-Butylbenzene	7.01564	7.15532	7.15532	0.000	-1.99092	20.00000	Averaged	
92 4-Isopropyltoluene	5.32575	5.65405	5.65405	0.000	-6.16436	20.00000	Averaged	
93 1,3-Dichlorobenzene	1.84136	1.82008	1.82008	0.000	1.15543	20.00000	Averaged	
95 1,4-Dichlorobenzene	1.81580	1.68157	1.68157	0.000	7.39230	20.00000	Averaged	
96 n-Butylbenzene	5.67056	5.97379	5.97379	0.000	-5.34740	20.00000	Averaged	
98 1,2-Dichlorobenzene	1.36228	1.31685	1.31685	0.000	3.33462	20.00000	Averaged	
99 1,2-Dibromo-3-chloropropane	0.04332	0.03962	0.03962	0.000	8.52728	20.00000	Averaged	
100 Hexachlorobutadiene	0.53565	0.59004	0.59004	0.000	-10.15392	20.00000	Averaged	
101 1,2,4-Trichlorobenzene	0.61457	0.67201	0.67201	0.000	-9.34684	20.00000	Averaged	
102 Naphthalene	0.70926	0.69487	0.69487	0.000	2.02909	20.00000	Averaged	
103 1,2,3-Trichlorobenzene	0.34401	0.34846	0.34846	0.000	-1.29478	20.00000	Averaged	
143 Nonanal	10.00000	6.17643	0.04449	0.000	38.23574	20.00000	Linear	<-

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7422.D
Report Date: 27-Dec-2007 12:22

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7422.D
Lab Smp Id: VSTD10 Client Smp ID: VSTD10
Inj Date : 21-DEC-2007 13:05
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD10;L071221A.B
Misc Info : VBLKL355A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Meth Date : 27-Dec-2007 11:52 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1	Dichlorodifluoromethane	85	3.464	3.464	(0.358)	427408	10.0000	9.541
2	Freon-114	135	3.741	3.741	(0.387)	81621	10.0000	7.743(M)
3	Chloromethane	50	3.902	3.902	(0.403)	650265	10.0000	7.983
4	Vinyl Chloride	62	4.097	4.097	(0.424)	707726	10.0000	10.26
5	Bromomethane	94	4.800	4.800	(0.496)	685240	10.0000	15.81
6	Chloroethane	64	5.029	5.029	(0.520)	496649	10.0000	11.92
7	Trichlorofluoromethane	101	5.279	5.279	(0.546)	642704	10.0000	10.55
8	Diethyl ether	59	5.796	5.796	(0.599)	226853	20.0000	19.26
9	1,1-Dichloroethene	96	6.148	6.148	(0.636)	313668	10.0000	9.395
10	1,1,2-Trichlorofluoroethane	101	6.136	6.136	(0.634)	334215	10.0000	9.907
11	Carbon Disulfide	76	6.308	6.308	(0.652)	1045322	10.0000	9.528
12	Iodomethane	142	6.436	6.436	(0.665)	174295	10.0000	14.95
13	Acrolein	56	6.615	6.615	(0.684)	28675	50.0000	48.68(M)
14	Allyl chloride	39	6.814	6.814	(0.704)	362306	10.0000	9.603
15	Methylene Chloride	84	6.963	6.963	(0.720)	300114	10.0000	9.638
16	Acetone	43	6.975	6.975	(0.721)	25355	10.0000	8.529(M)
17	trans-1,2-Dichloroethene	96	7.177	7.177	(0.742)	396592	10.0000	9.879
18	n-Hexane	57	7.177	7.177	(0.742)	757451	10.0000	10.69
19	Methyl Acetate	74	7.128	7.128	(0.737)	24305	10.0000	8.124
20	MTBE	73	7.214	7.214	(0.746)	338988	10.0000	9.339
M 21	1,2-Dichloroethene (total)	96				734700	20.0000	19.67
22	Acetonitrile	41	7.570	7.570	(0.783)	39668	50.0000	46.46(M)

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7422.D
Report Date: 27-Dec-2007 12:22

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	23	Acrylonitrile	53	7.910	7.910	(0.818)	168339	50.0000	54.53
	24	1,1-Dichloroethane	63	7.873	7.873	(0.814)	693024	10.0000	9.799
	25	2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	581774	10.0000	10.21
	26	Vinyl acetate	43	8.082	8.082	(0.836)	193970	10.0000	10.84
	27	cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	338108	10.0000	9.789
	28	2,2-Dichloropropane	77	8.535	8.535	(0.882)	604864	10.0000	10.26
	29	Bromochloromethane	128	8.703	8.703	(0.900)	80437	10.0000	10.03
	30	Cyclohexane	84	8.666	8.666	(0.896)	653266	10.0000	10.53
	31	Chloroform	83	8.707	8.707	(0.900)	551477	10.0000	9.522
	32	Ethyl acetate	43	8.752	8.752	(0.905)	43910	20.0000	26.41(M)
	33	Carbon Tetrachloride	117	8.894	8.894	(0.920)	505435	10.0000	10.68
	34	Isobutanol	42	8.898	8.898	(0.920)	93274	200.000	173.0
	35	Tetrahydrofuran	71	8.902	8.902	(0.920)	34897	50.0000	43.34
$	36	Dibromofluoromethane	113	8.906	8.906	(0.921)	213847	10.0000	10.31
	37	1,1,1-Trichloroethane	97	8.936	8.936	(0.924)	579122	10.0000	10.17
	38	2-Butanone	43	8.958	8.958	(0.926)	34386	10.0000	12.22
	39	1,1-Dichloropropene	75	9.048	9.048	(0.935)	574395	10.0000	10.41
	40	Benzene	78	9.313	9.313	(0.963)	1619589	10.0000	10.00
	41	Propionitrile	54	9.276	9.276	(0.959)	43894	50.0000	44.52
	42	Methacrylonitrile	41	9.284	9.284	(0.960)	233351	50.0000	51.80
$	43	1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	155371	10.0000	9.524
	44	1,2-Dichloroethane	62	9.512	9.512	(0.983)	203153	10.0000	9.346
*	45	Fluorobenzene	96	9.673	9.673	(1.000)	1399217	10.0000	
	46	n-Butanol	56	10.047	10.047	(1.039)	11572	100.000	101.9
	47	Methylcyclohexane	55	9.815	9.815	(1.015)	600026	10.0000	10.21
	48	Trichloroethene	130	9.852	9.852	(1.019)	404338	10.0000	10.31
	49	Dibromomethane	93	10.313	10.313	(1.066)	70013	10.0000	9.998
	50	1,2-Dichloropropane	63	10.324	10.324	(1.067)	313020	10.0000	10.20
	51	Bromodichloromethane	83	10.388	10.388	(1.074)	294849	10.0000	10.02
M	52	Xylenes (total)	106				2190882	30.0000	30.95
	53	Methyl methacrylate	69	10.406	10.406	(1.076)	53149	10.0000	9.216
	54	1,4-Dioxane	88	10.563	10.563	(1.092)	24232	200.000	157.6(M)
	55	2-chloroethyl vinyl ether	63	10.807	10.807	(1.117)	34393	10.0000	9.064
	56	cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	305286	10.0000	10.04
$	57	Toluene-d8	98	11.084	11.084	(0.885)	1288506	10.0000	10.73
	58	Toluene	91	11.136	11.136	(0.889)	1727920	10.0000	10.27
	59	2-Nitro-Propane	43	11.308	11.308	(0.903)	39317	10.0000	8.747
	60	4-Methyl-2-pentanone	43	11.364	11.364	(0.907)	68279	10.0000	9.561
	61	trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	211836	10.0000	10.57
	62	Tetrachloroethene	164	11.521	11.521	(0.920)	301339	10.0000	10.74
	63	Ethyl methacrylate	69	11.506	11.506	(0.918)	116490	10.0000	8.396
	64	1,1,2-Trichloroethane	97	11.660	11.660	(0.931)	117525	10.0000	9.460
	65	Chlorodibromomethane	129	11.892	11.892	(0.949)	122071	10.0000	10.22
	66	1,3-Dichloropropane	76	11.911	11.911	(0.951)	231057	10.0000	10.10
	67	1,2-Dibromoethane	107	12.154	12.154	(0.970)	86290	10.0000	9.769
	68	2-Hexanone	43	12.120	12.120	(0.967)	33295	10.0000	8.018(M)
	69	Ethylbenzene	106	12.498	12.498	(0.998)	614517	10.0000	10.17
*	70	Chlorobenzene-d5	117	12.528	12.528	(1.000)	802936	10.0000	
	71	Chlorobenzene	112	12.547	12.547	(1.001)	861329	10.0000	10.00
	72	1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	231394	10.0000	10.03
	73	m,p-Xylenes	106	12.614	12.614	(1.007)	1562609	20.0000	20.49
	74	o-Xylene	106	13.033	13.033	(1.040)	628273	10.0000	10.46
	75	Styrene	104	13.089	13.089	(1.045)	830307	10.0000	9.462
	76	Bromoform	173	13.258	13.258	(0.900)	50652	10.0000	10.20

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7422.D
Report Date: 27-Dec-2007 12:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1737971	10.0000	9.972
$ 78	4-Bromofluorobenzene	95	13.647	13.647	(0.927)	288315	10.0000	9.507
79	n-Propylbenzene	91	13.681	13.681	(0.929)	2452261	10.0000	10.10
80	Bromobenzene	156	13.793	13.793	(0.937)	237842	10.0000	9.638
81	1,1,2,2-Tetrachloroethane	83	13.767	13.767	(0.935)	117076	10.0000	9.342
82	1,3,5-Trimethylbenzene	105	13.834	13.834	(0.940)	1479802	10.0000	10.02
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	1155725	10.0000	9.976
84	1,2,3-Trichloropropane	110	13.935	13.935	(0.946)	30926	10.0000	9.547
85	trans-1,4-dichloro-2-butene	53	13.935	13.935	(0.946)	27699	10.0000	9.408
86	4-Chlorotoluene	91	14.051	14.051	(0.954)	1078189	10.0000	9.963
87	Cyclohexanone	55	14.010	14.010	(0.951)	36882	100.000	141.9
88	t-Butylbenzene	119	14.160	14.160	(0.962)	1357021	10.0000	10.29
89	Pentachloroethane	167	14.276	14.276	(0.970)	128414	10.0000	10.54
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1415172	10.0000	9.888
91	sec-Butylbenzene	105	14.332	14.332	(0.973)	2208267	10.0000	10.20
92	4-Isopropyltoluene	119	14.440	14.440	(0.981)	1744948	10.0000	10.62
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	561712	10.0000	9.884
* 94	1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	308619	10.0000	
95	1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	518965	10.0000	9.261
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1843625	10.0000	10.53
98	1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	406405	10.0000	9.666
99	1,2-Dibromo-3-chloropropane	157	15.978	15.978	(1.085)	12228	10.0000	9.147
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	182099	10.0000	11.02
101	1,2,4-Trichlorobenzene	180	16.682	16.682	(1.133)	207396	10.0000	10.93
102	Naphthalene	128	17.079	17.079	(1.160)	214449	10.0000	9.797
103	1,2,3-Trichlorobenzene	180	17.292	17.292	(1.174)	107542	10.0000	10.13
143	Nonanal	57	15.750	15.750	(1.628)	62247	10.0000	6.176(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7422.D
Report Date: 27-Dec-2007 11:56

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

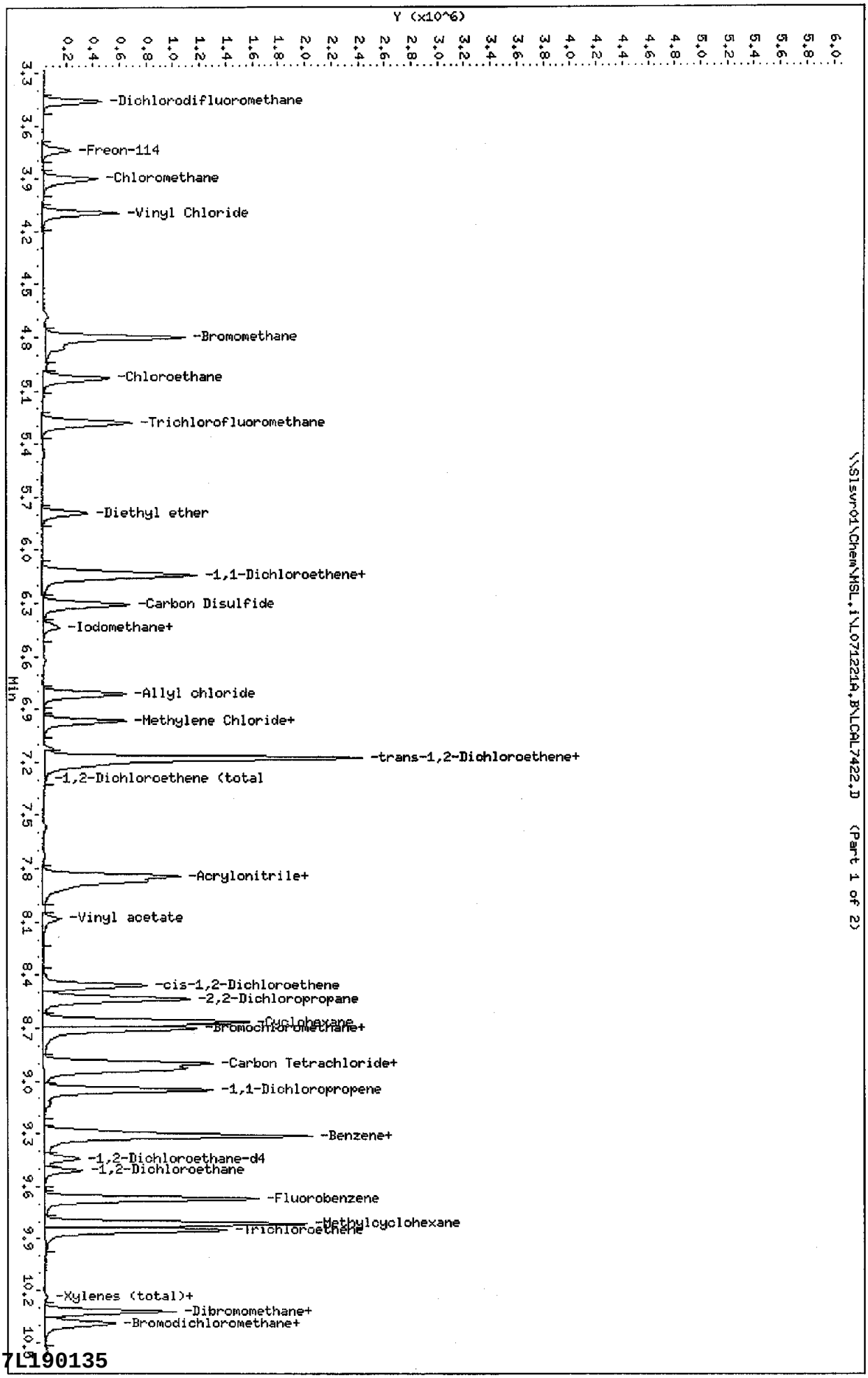
Instrument ID: MSL.i
Lab File ID: LCAL7422.D
Lab Smp Id: VSTD10
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Misc Info: VBLKL355A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD10
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	1399217	42.20
70 Chlorobenzene-d5	563731	281866	1127462	802936	42.43
94 1,4 Dichlorobenze	211084	105542	422168	308619	46.21

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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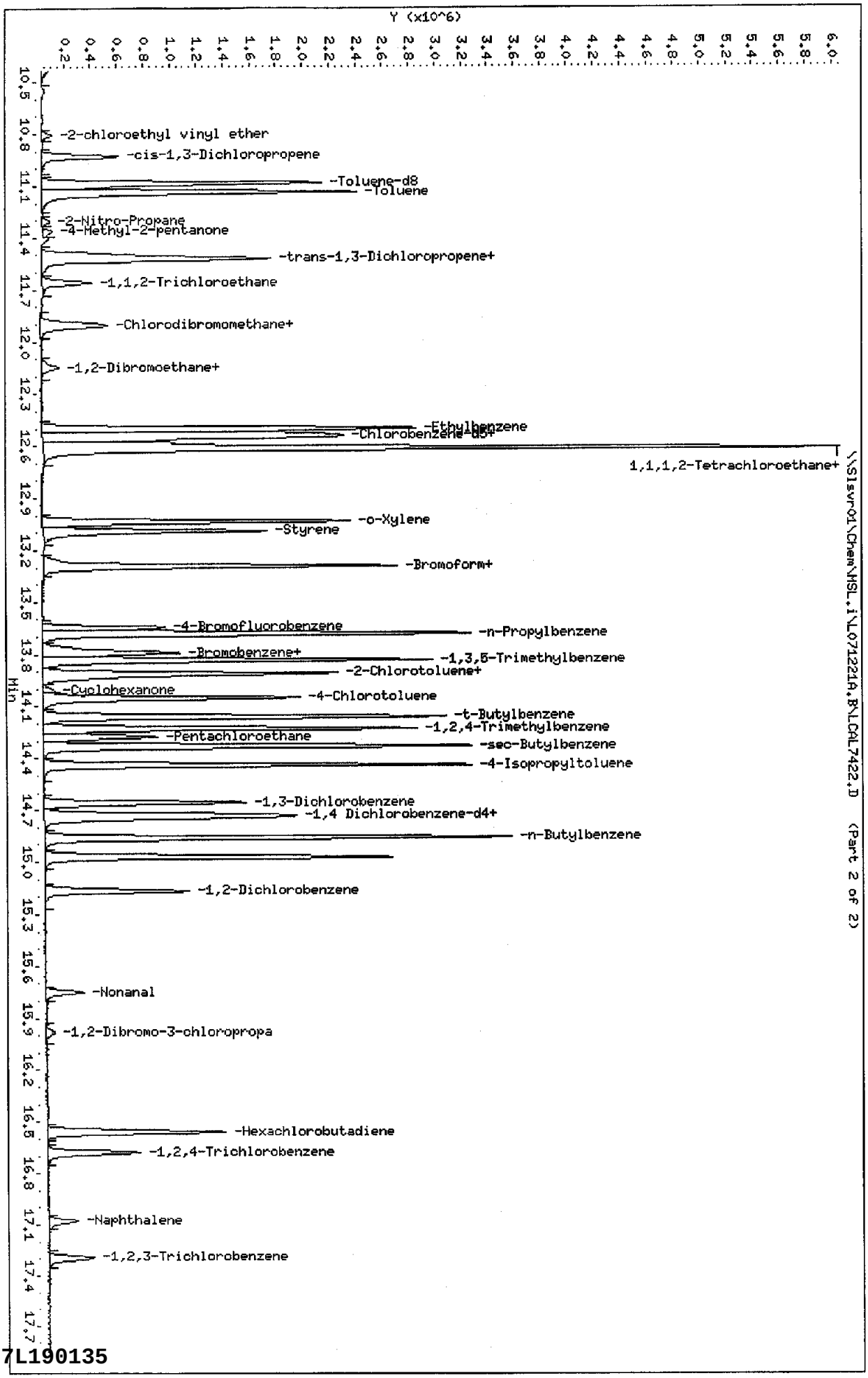
Date : 21-DEC-2007 13:05
Client ID: VSTD10
Sample Info: VSTD10;L071221A,B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL,i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL,i\L071221A,B\LCAL7422,D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane+
-Allyl chloride
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene
-Xylenes (total)+
-Dibromomethane+
-Bromodichloromethane+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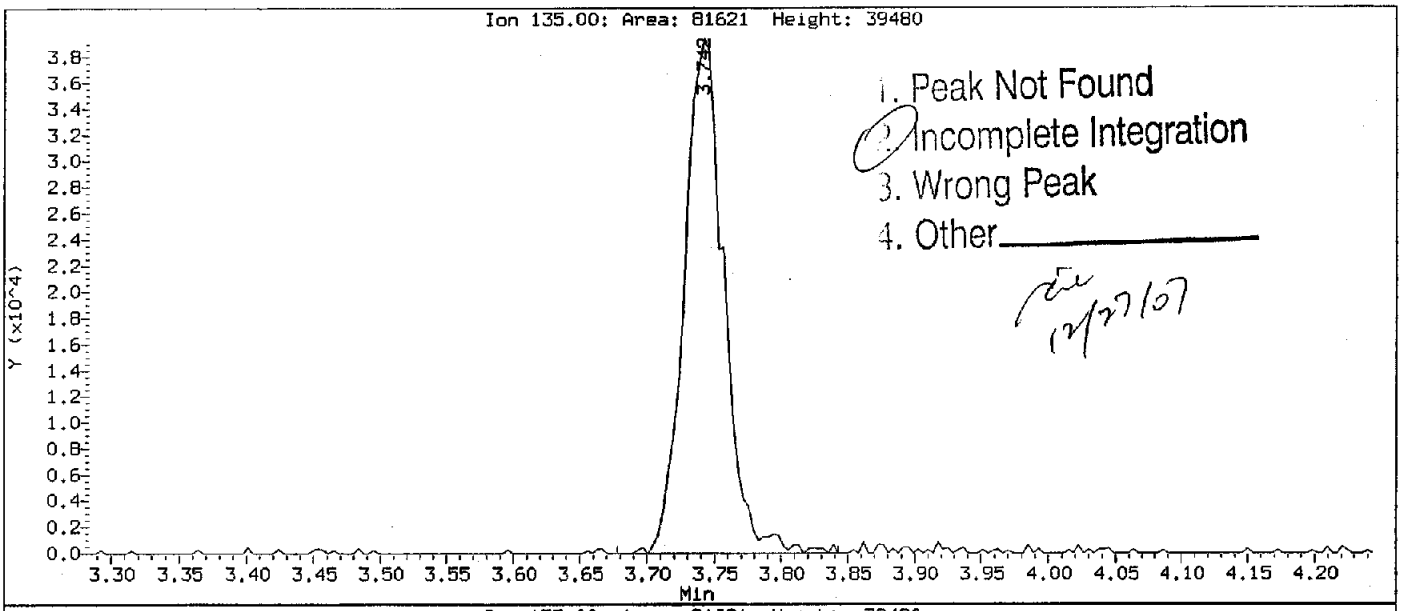
Date : 21-DEC-2007 13:05
Client ID: VSTD10
Sample Info: VSTD10;L071221A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
\\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7422.D (Part 2 of 2)
-2-chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-Toluene-d8
-Toluene
-2-Nitro-Propane
-4-Methyl-2-pentanone
-trans-1,3-Dichloropropene+
-1,1,2-Trichloroethane
-Chlorodibromomethane+
-1,2-Dibromoethane+
-Ethylbenzene
-Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
-o-Xylene
-Styrene
-Bromoform+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-Cyclohexanone
-4-Chlorotoluene
-t-Butylbenzene
-1,2,4-Trimethylbenzene
-Pentachloroethane
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene
-Nonanal
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7422.D
Injection Date: 21-DEC-2007 13:05
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Freon-114
CAS Number: 374-07-2



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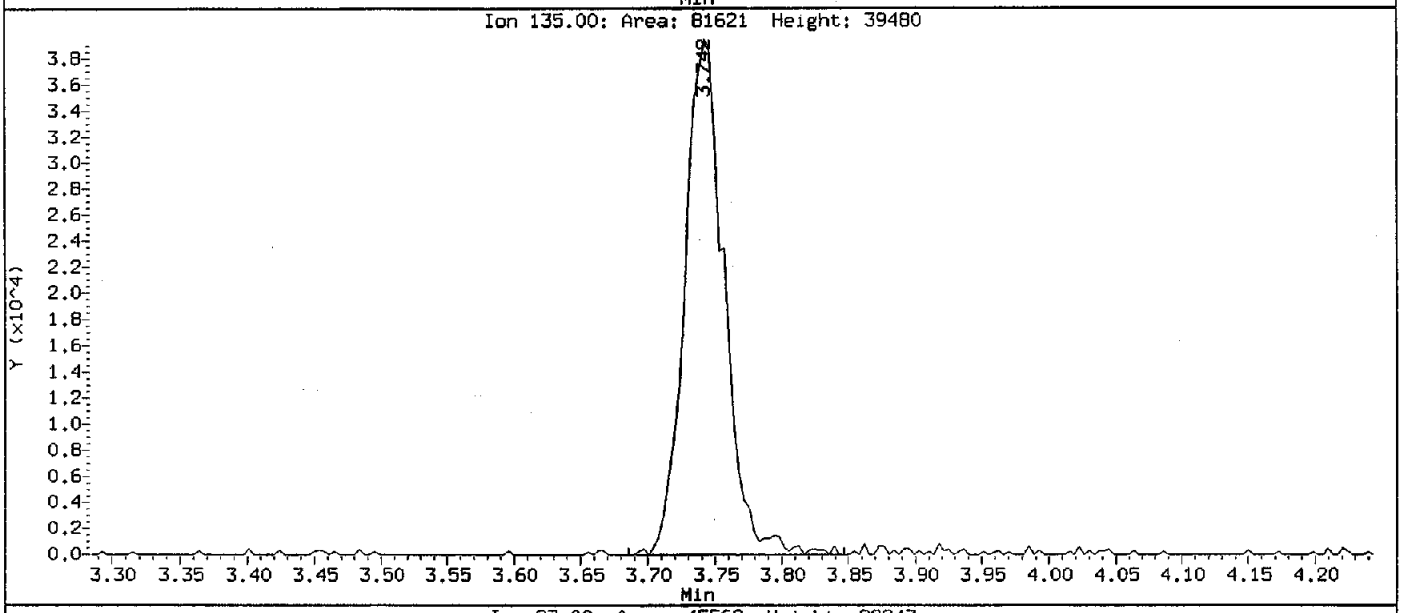
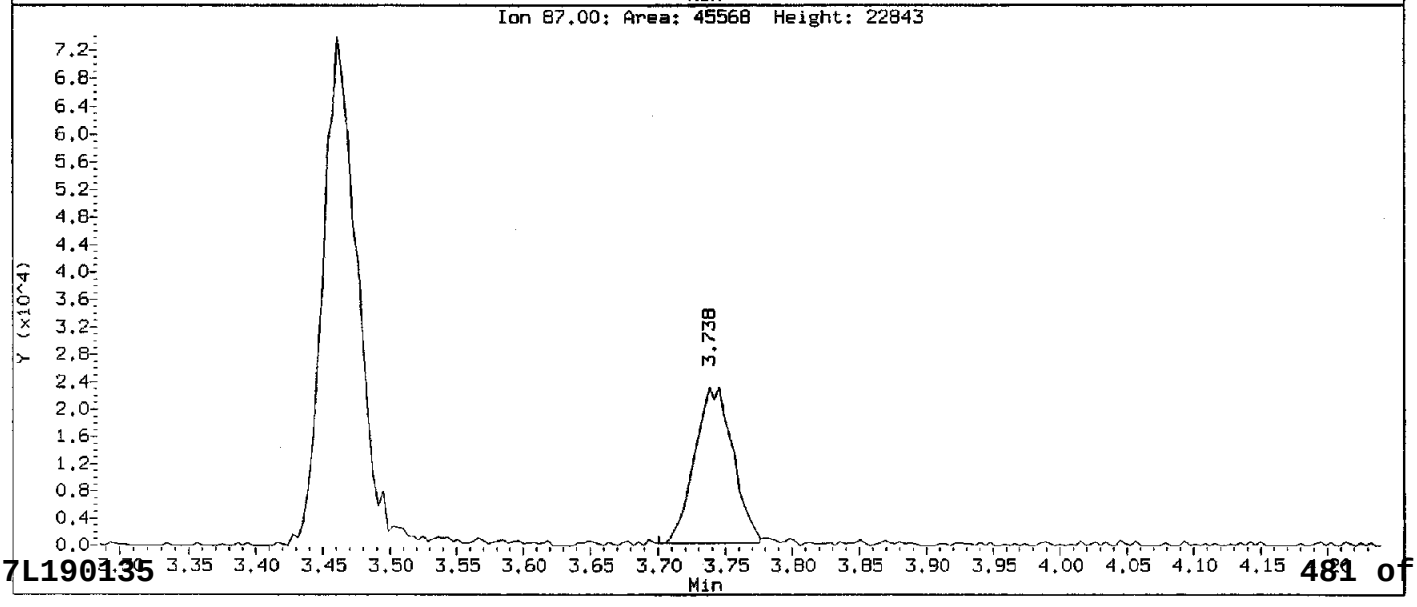
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12/27/07





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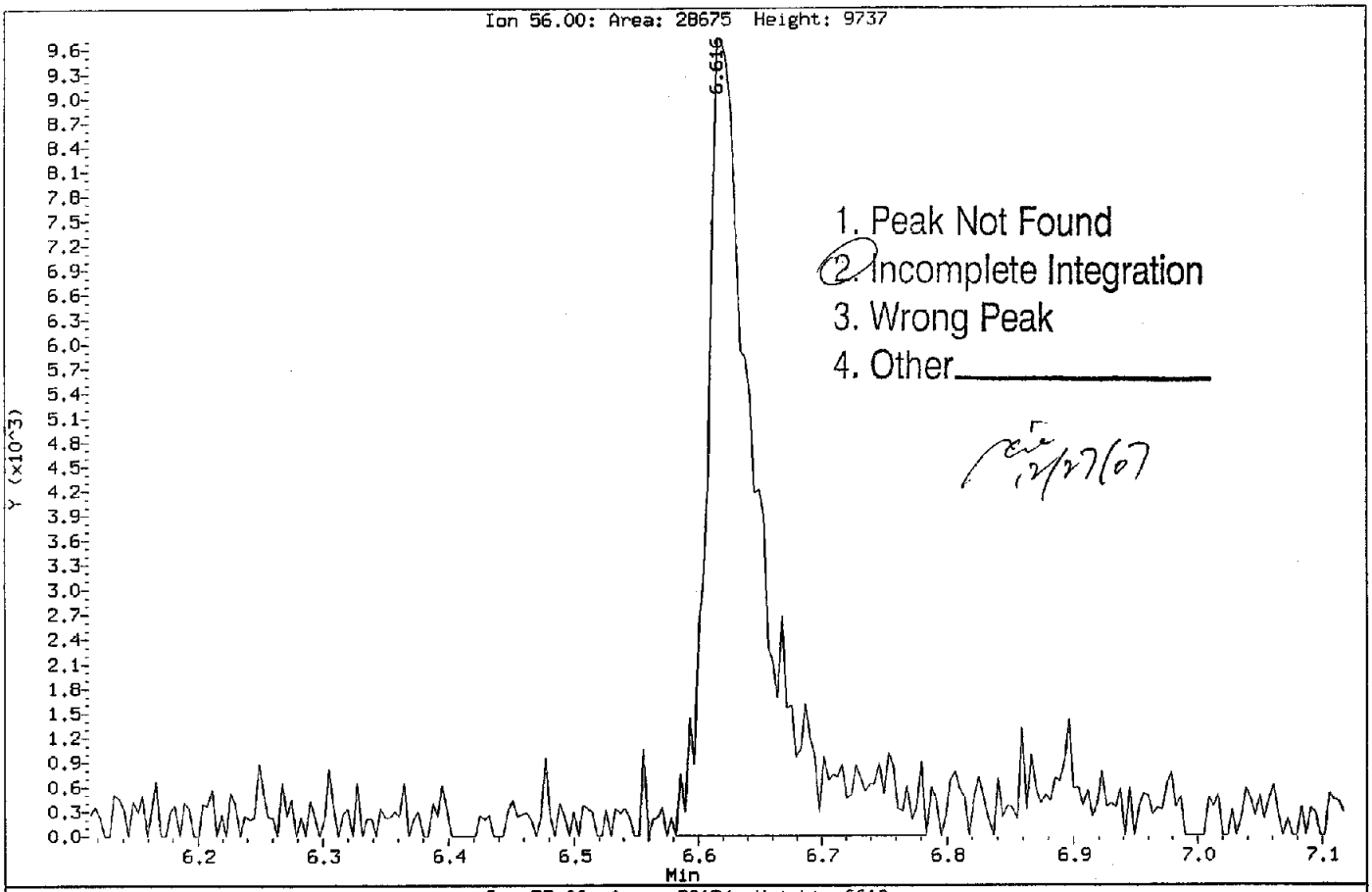
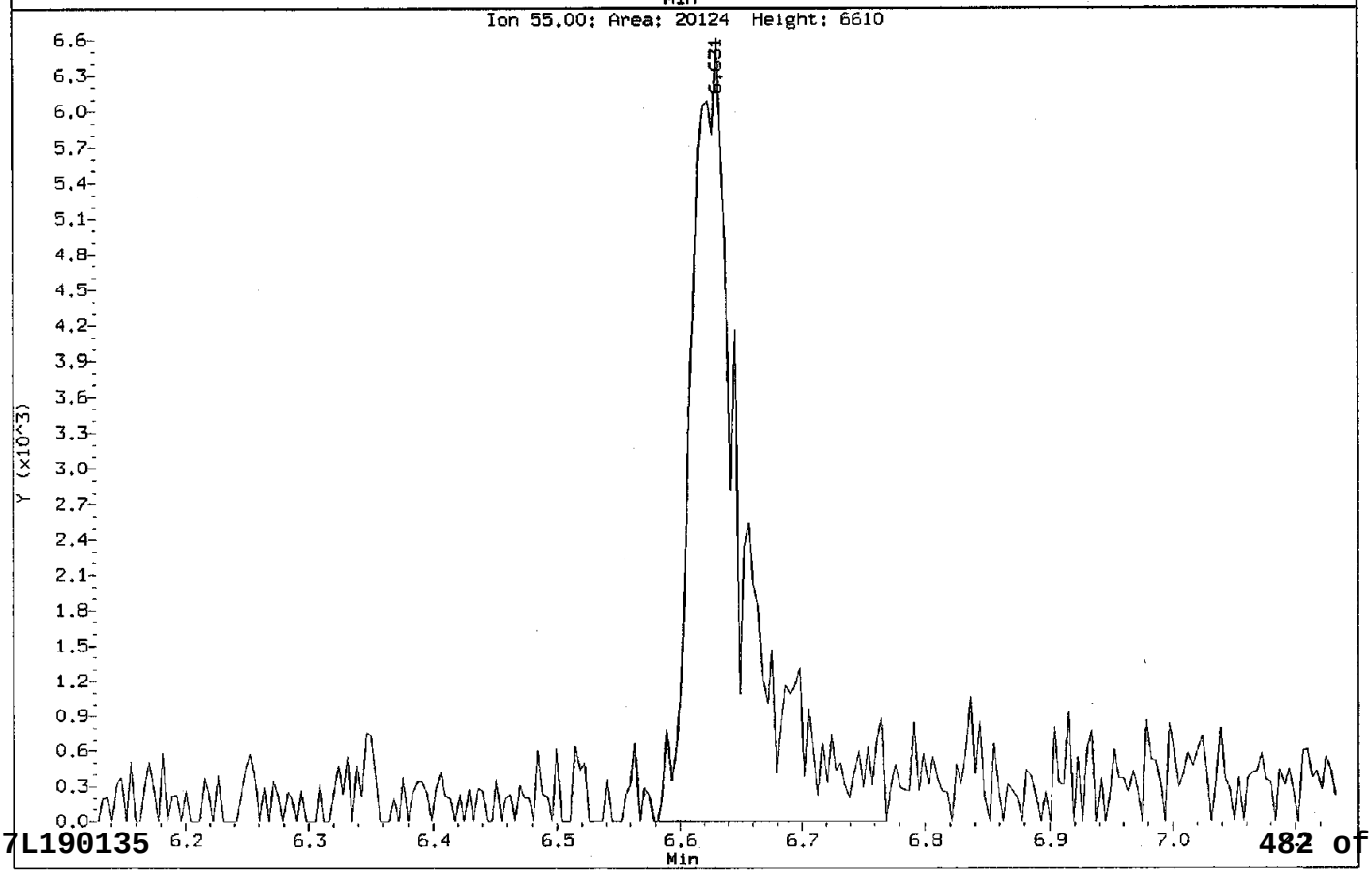
Injection Date: 21-DEC-2007 13:05
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Acrolein
CAS Number: 107-02-8





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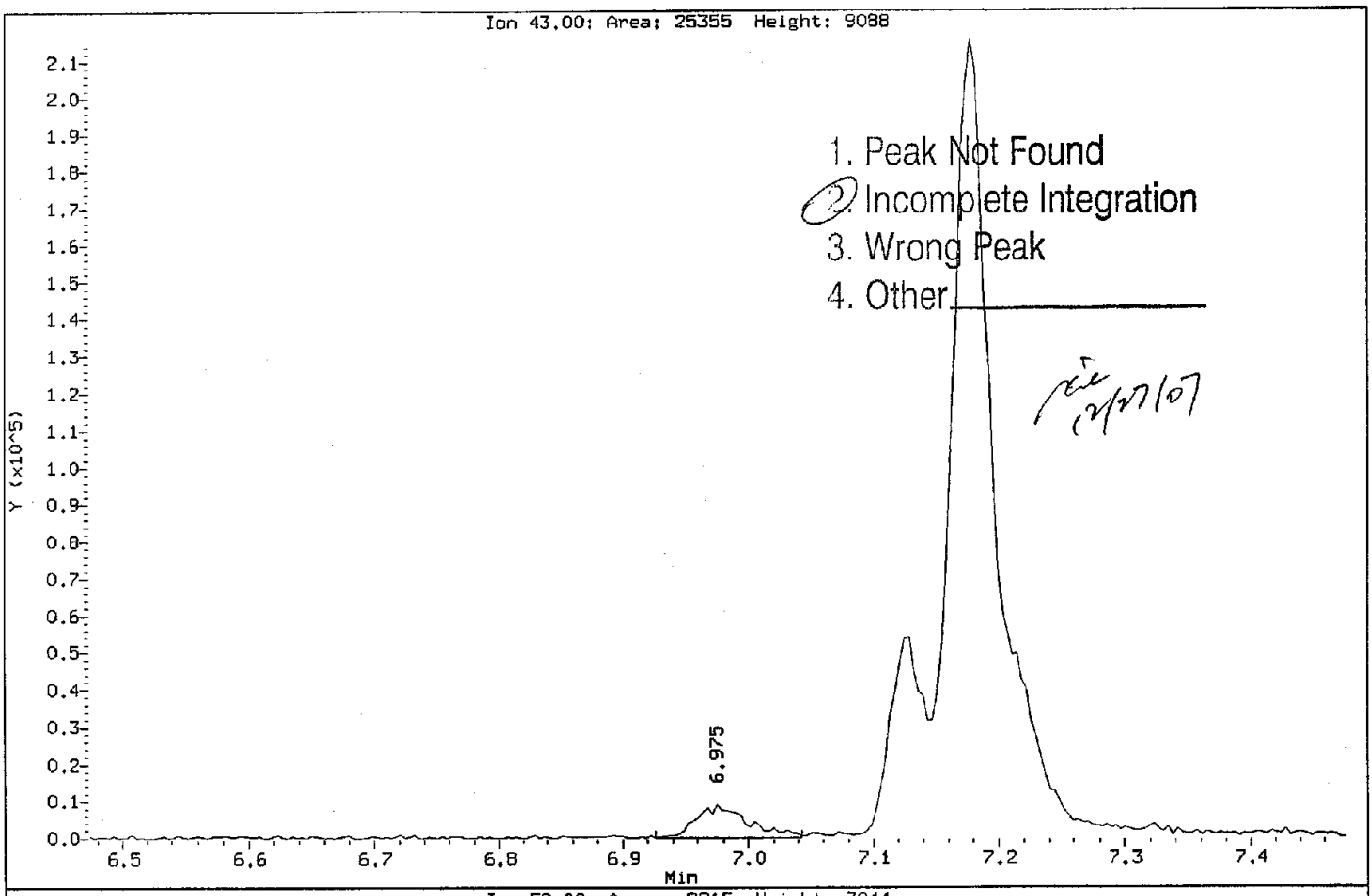
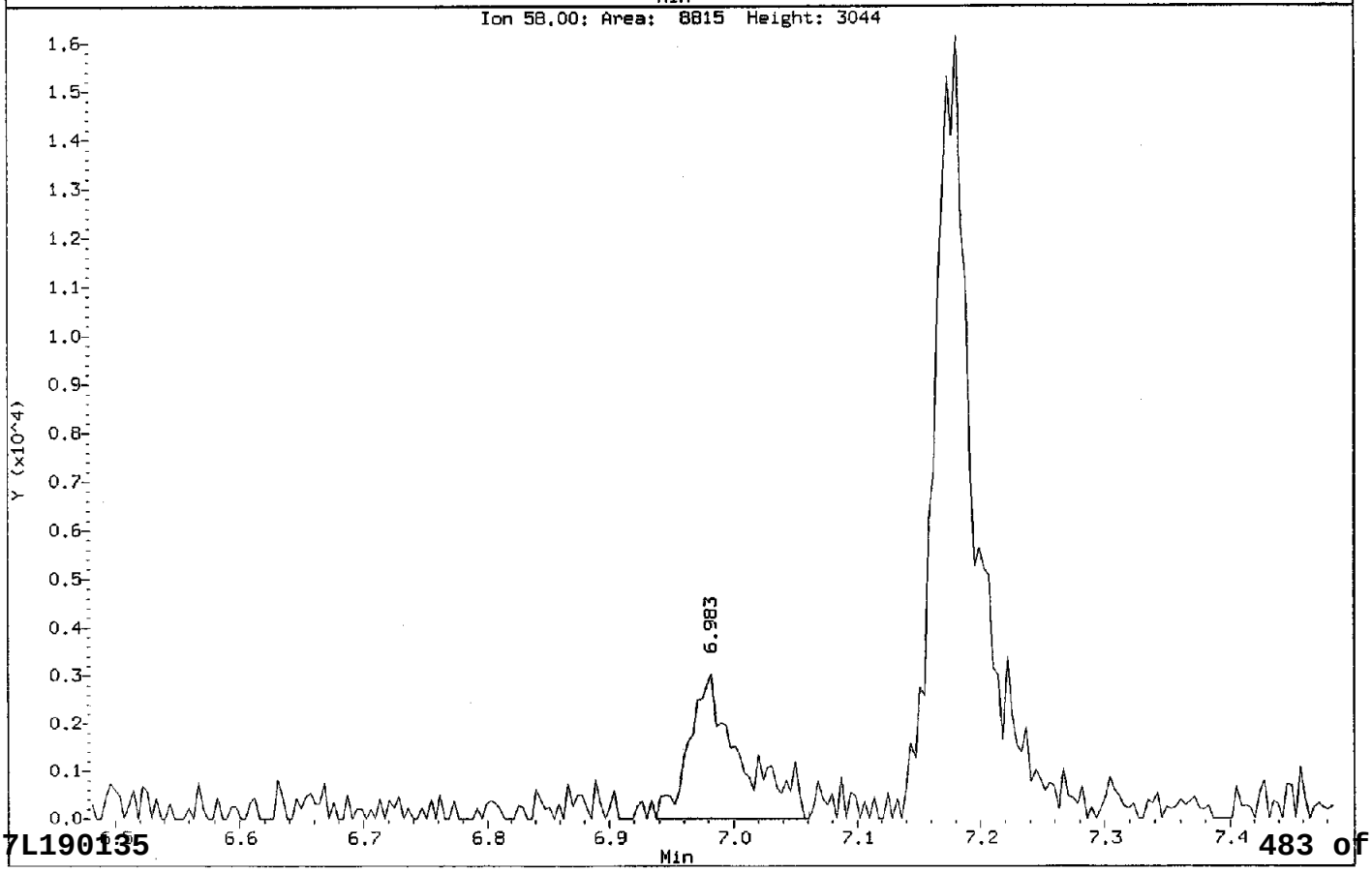
Injection Date: 21-DEC-2007 13:05
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Acetone
CAS Number: 67-64-1





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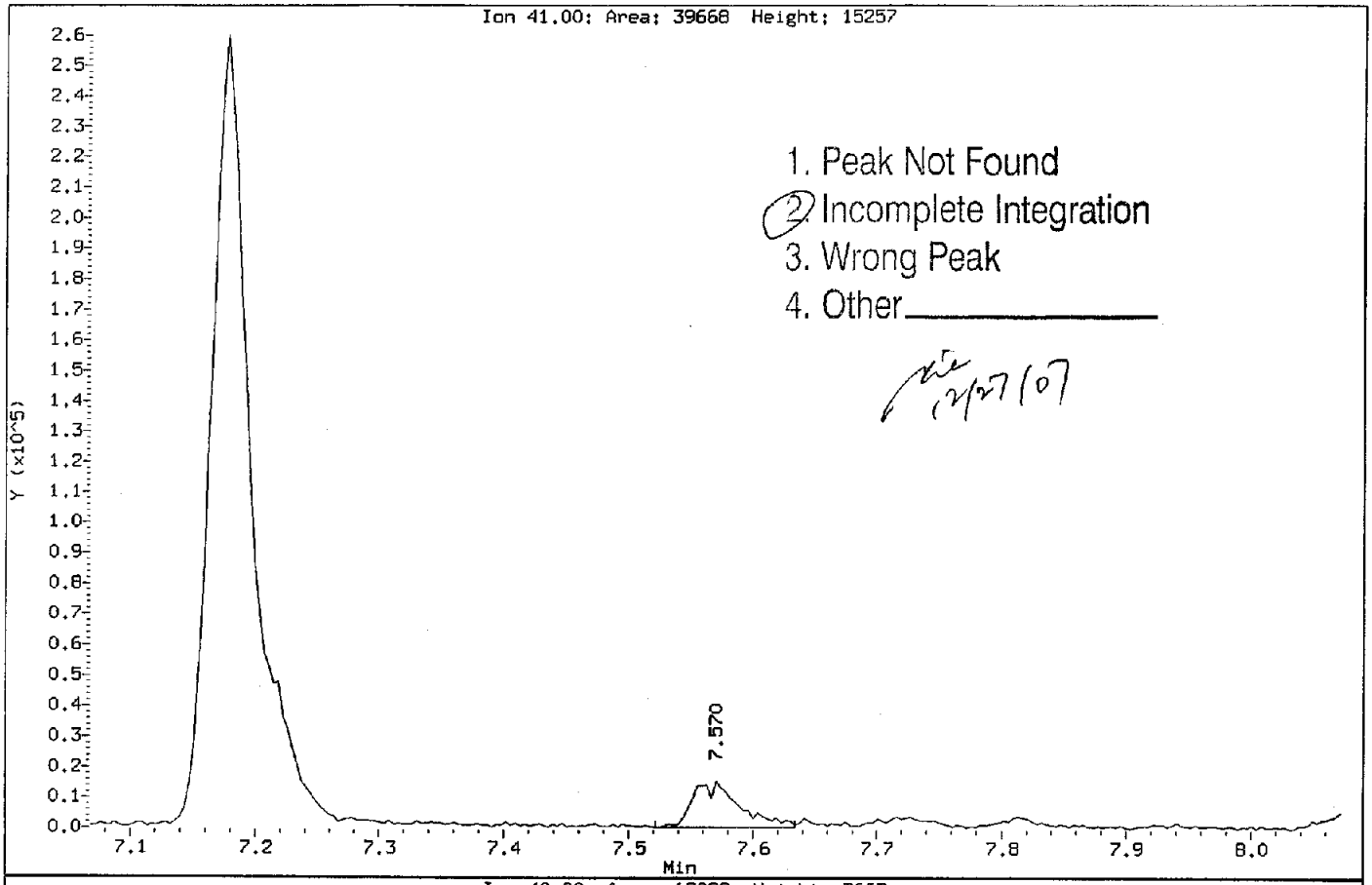
Injection Date: 21-DEC-2007 13:05
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Acetonitrile
CAS Number: 75-05-8



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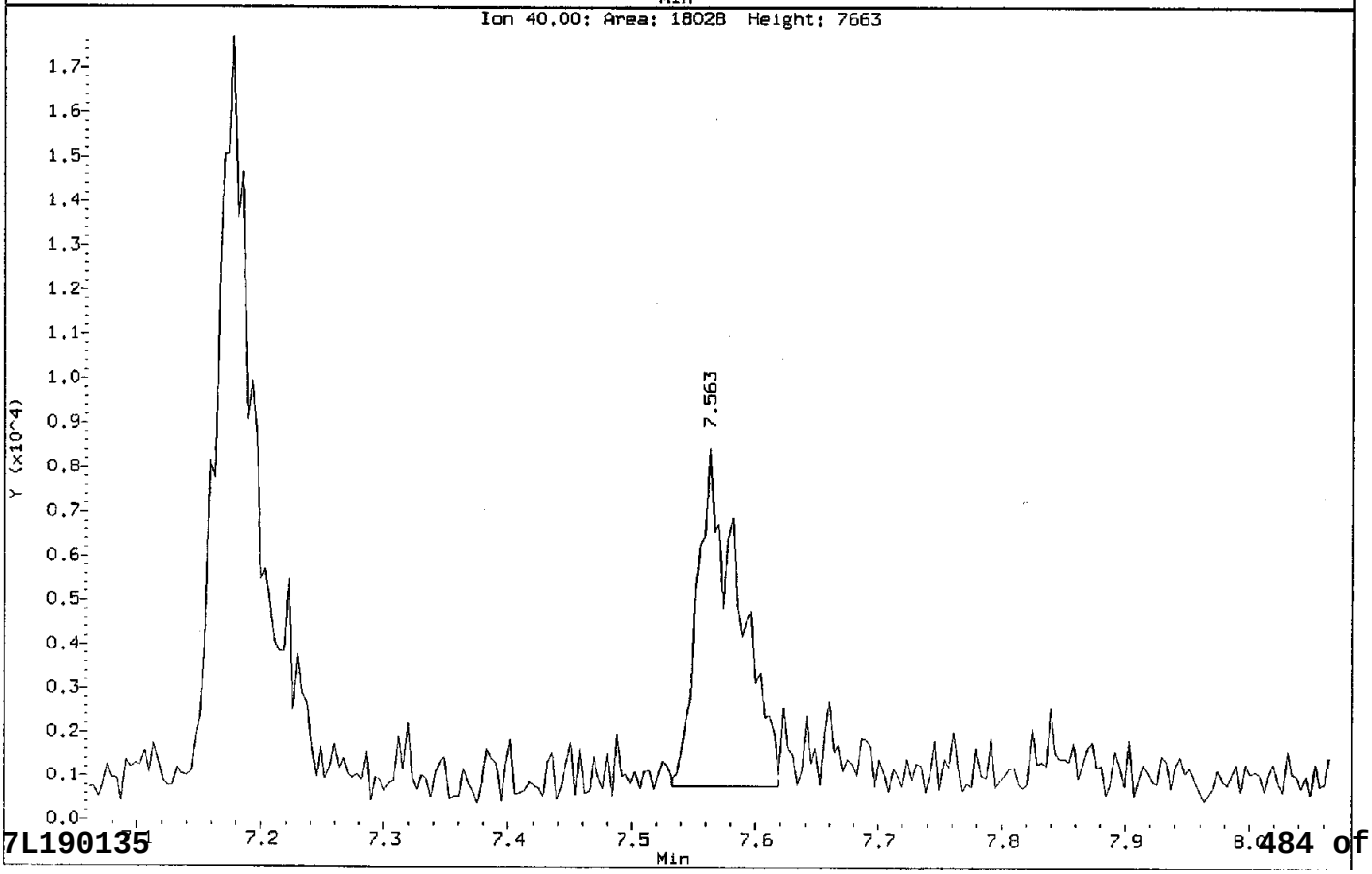
3. Wrong Peak
4. Other_____

12/27/07



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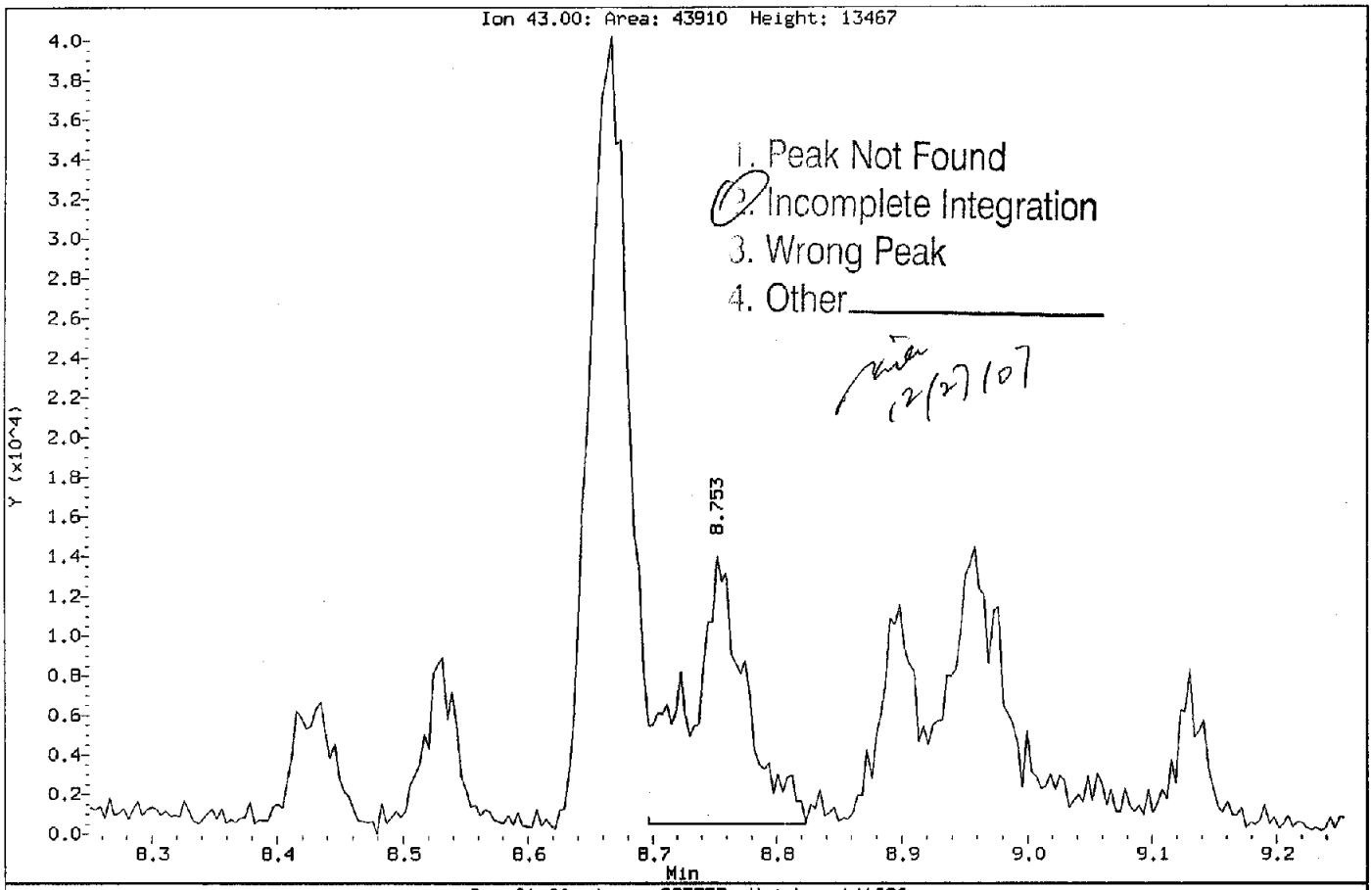
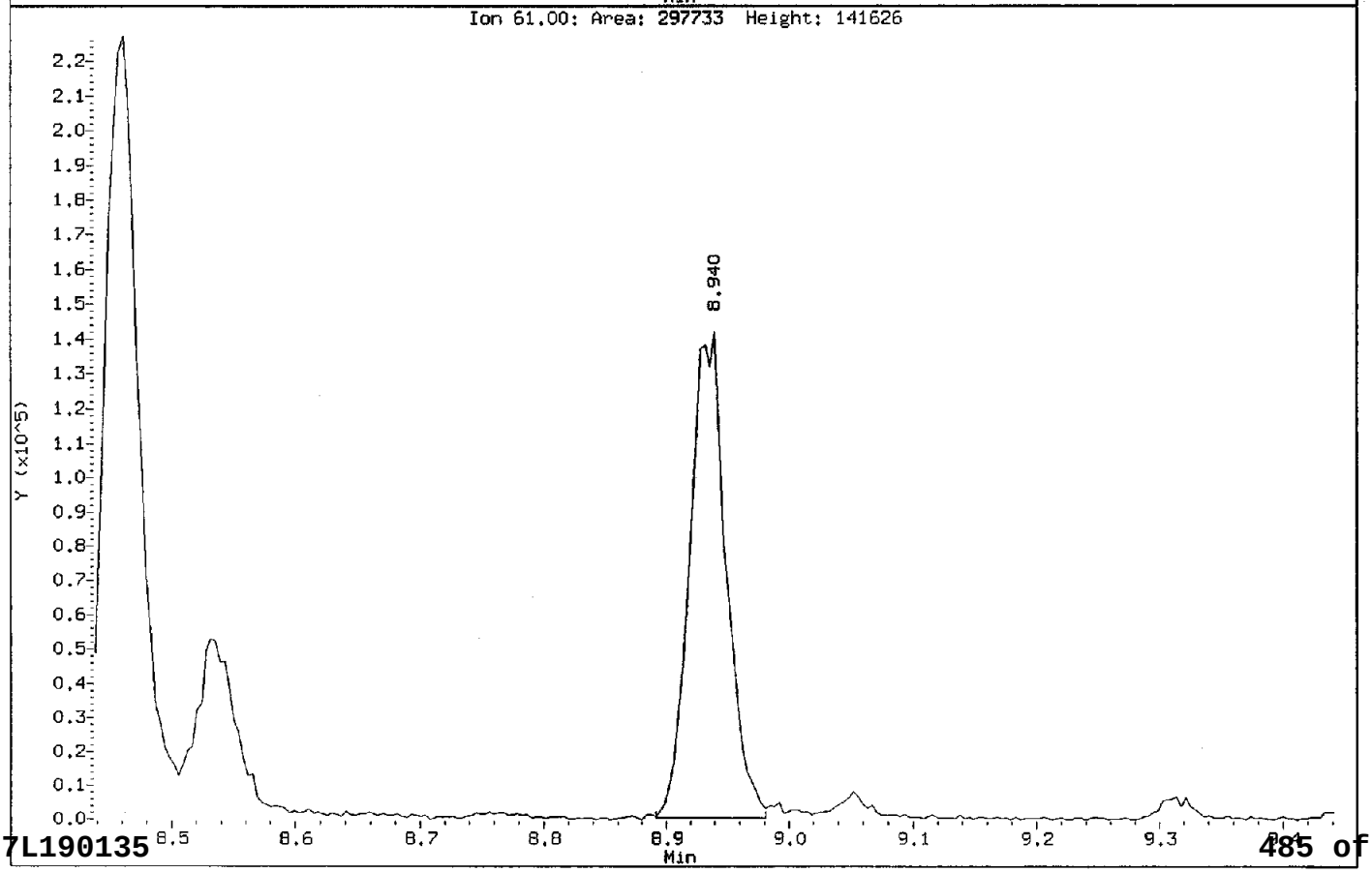
Injection Date: 21-DEC-2007 13:05
Instrument: MSL.i
Client Sample ID: VSTD10

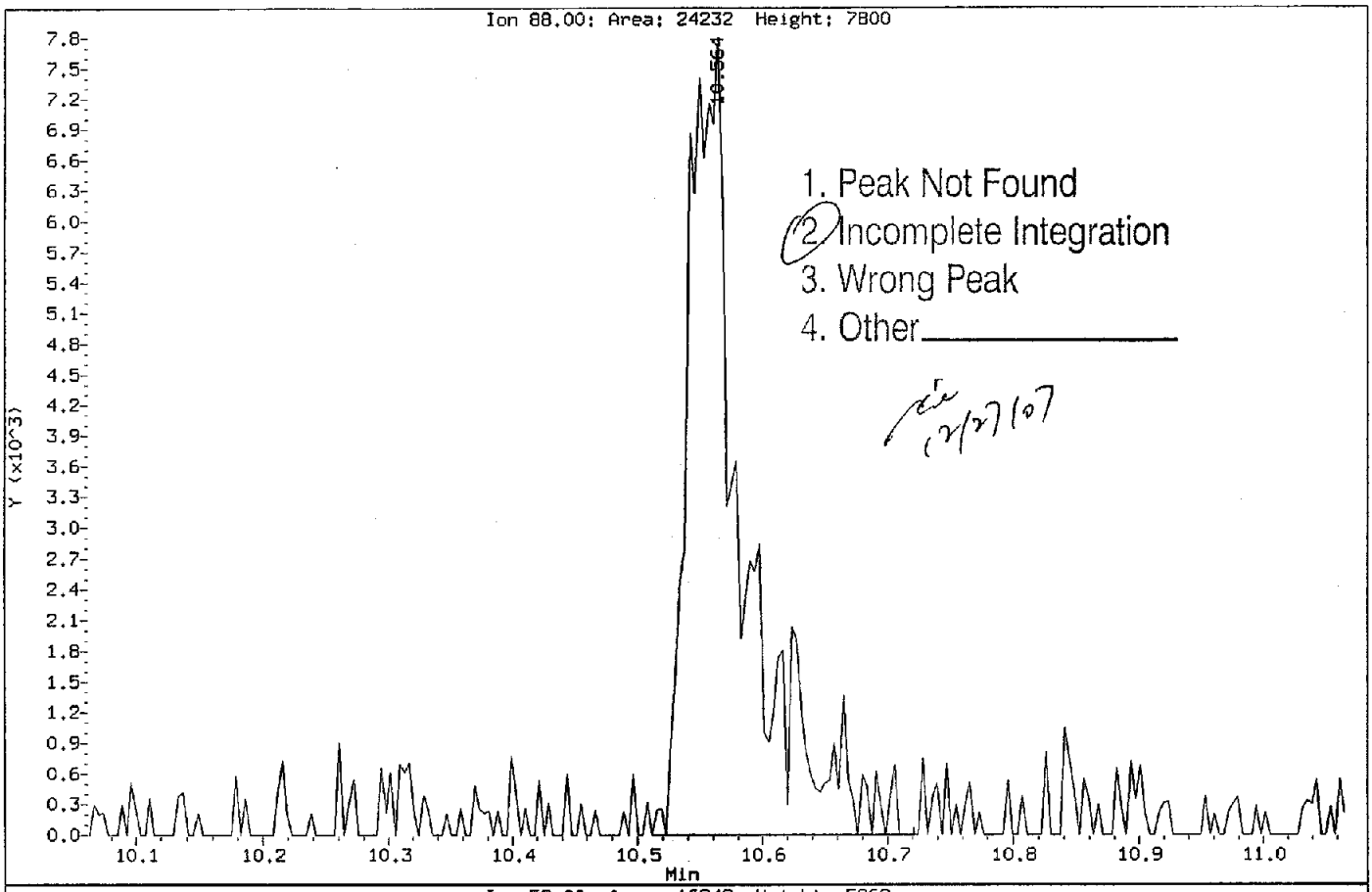
Compound: Ethyl acetate
CAS Number: 141-78-6

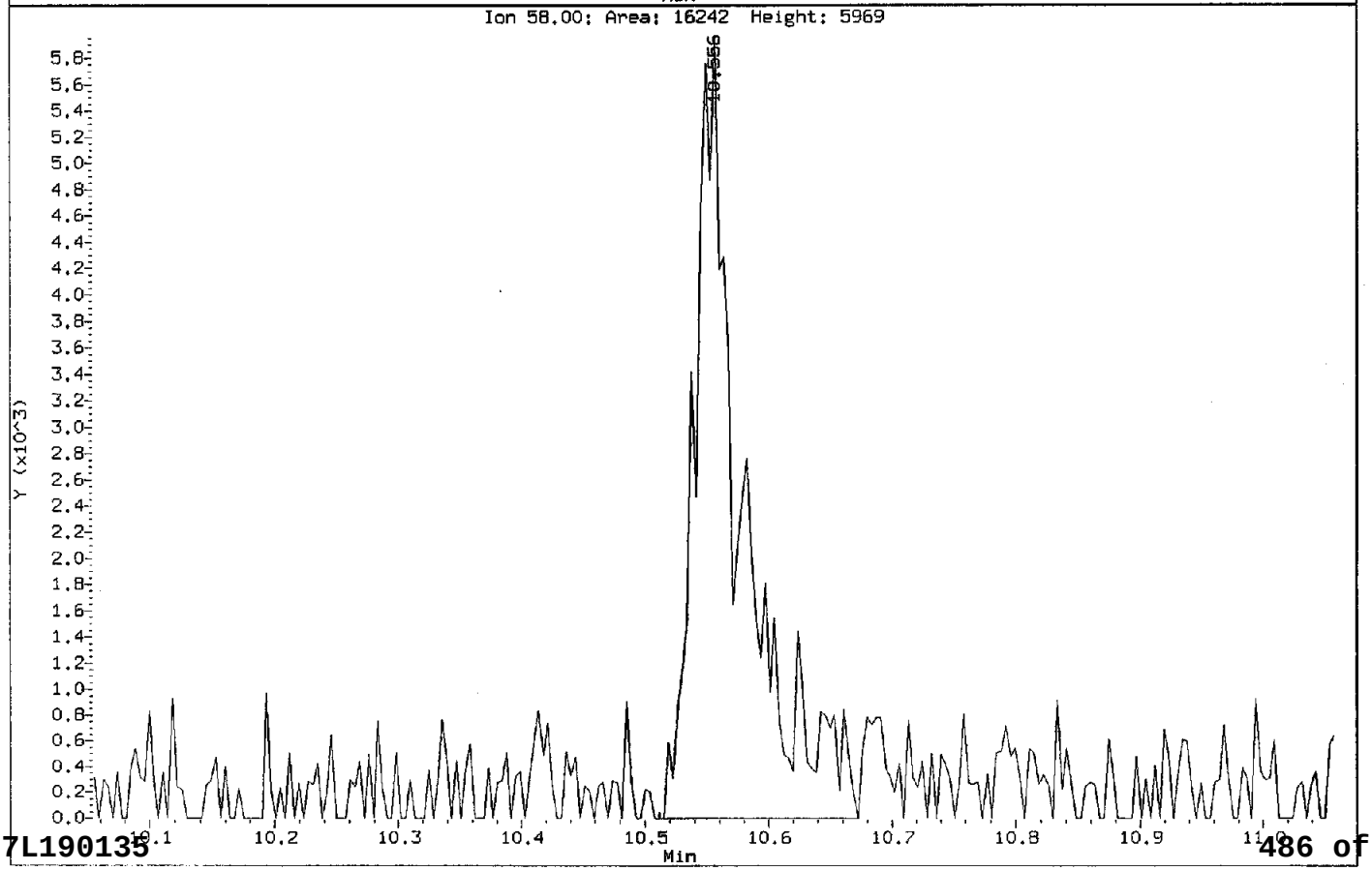




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7422.D
Injection Date: 21-DEC-2007 13:05
Instrument: MSL.i
Client Sample ID: VSTD10

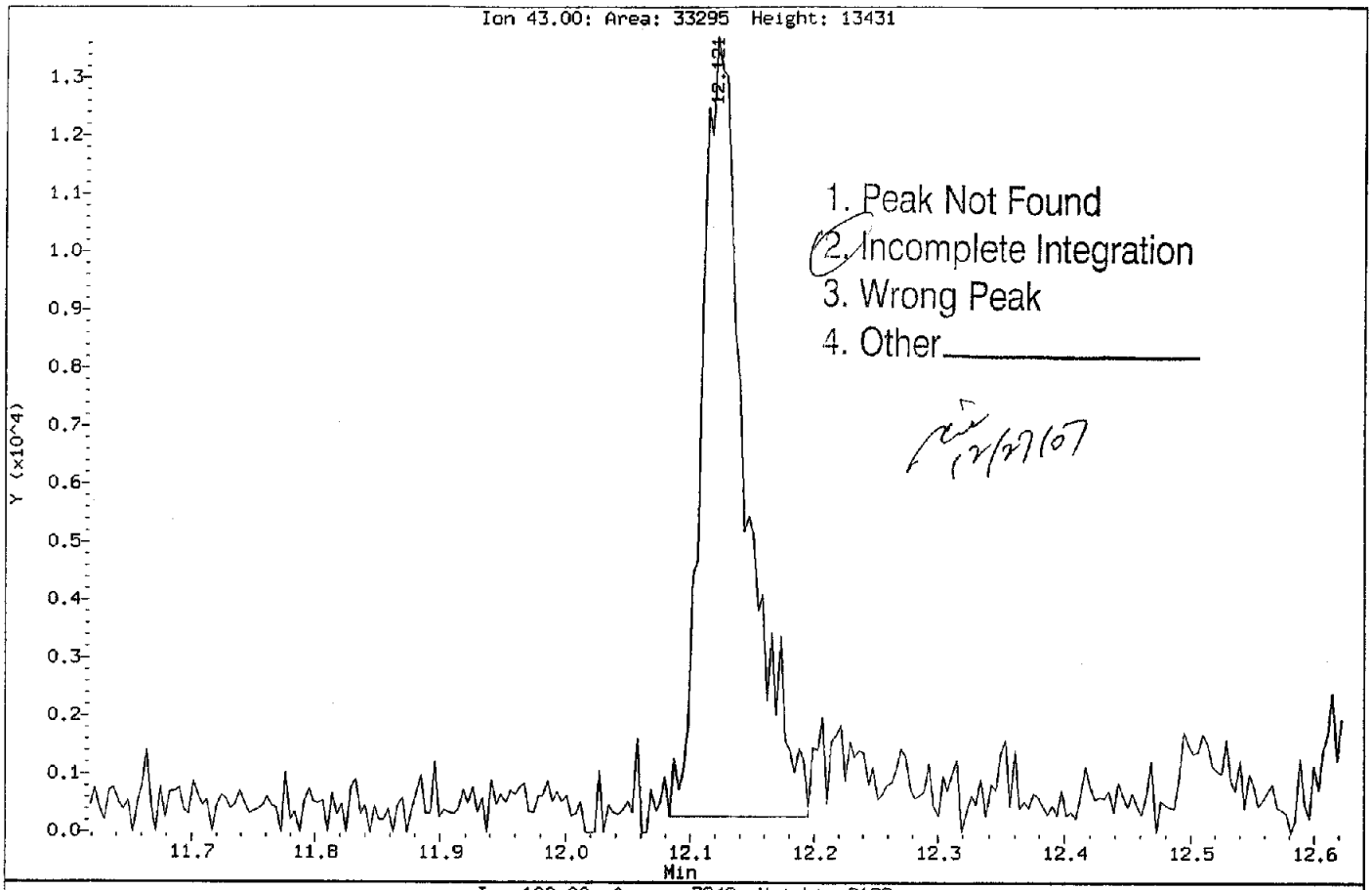
Compound: 1,4-Dioxane
CAS Number: 123-91-1

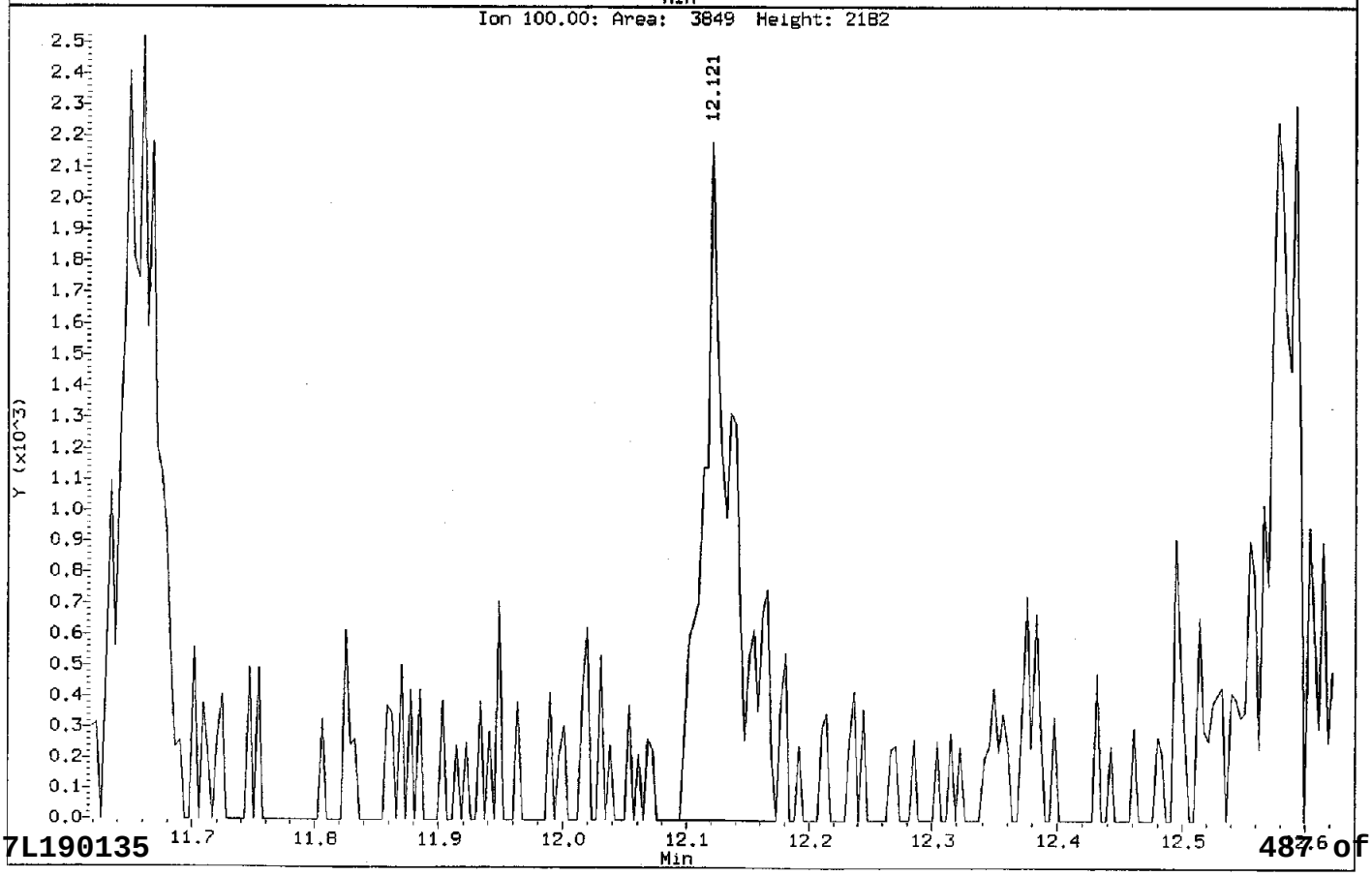




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7422.D
Injection Date: 21-DEC-2007 13:05
Instrument: MSL.i
Client Sample ID: VSTD10

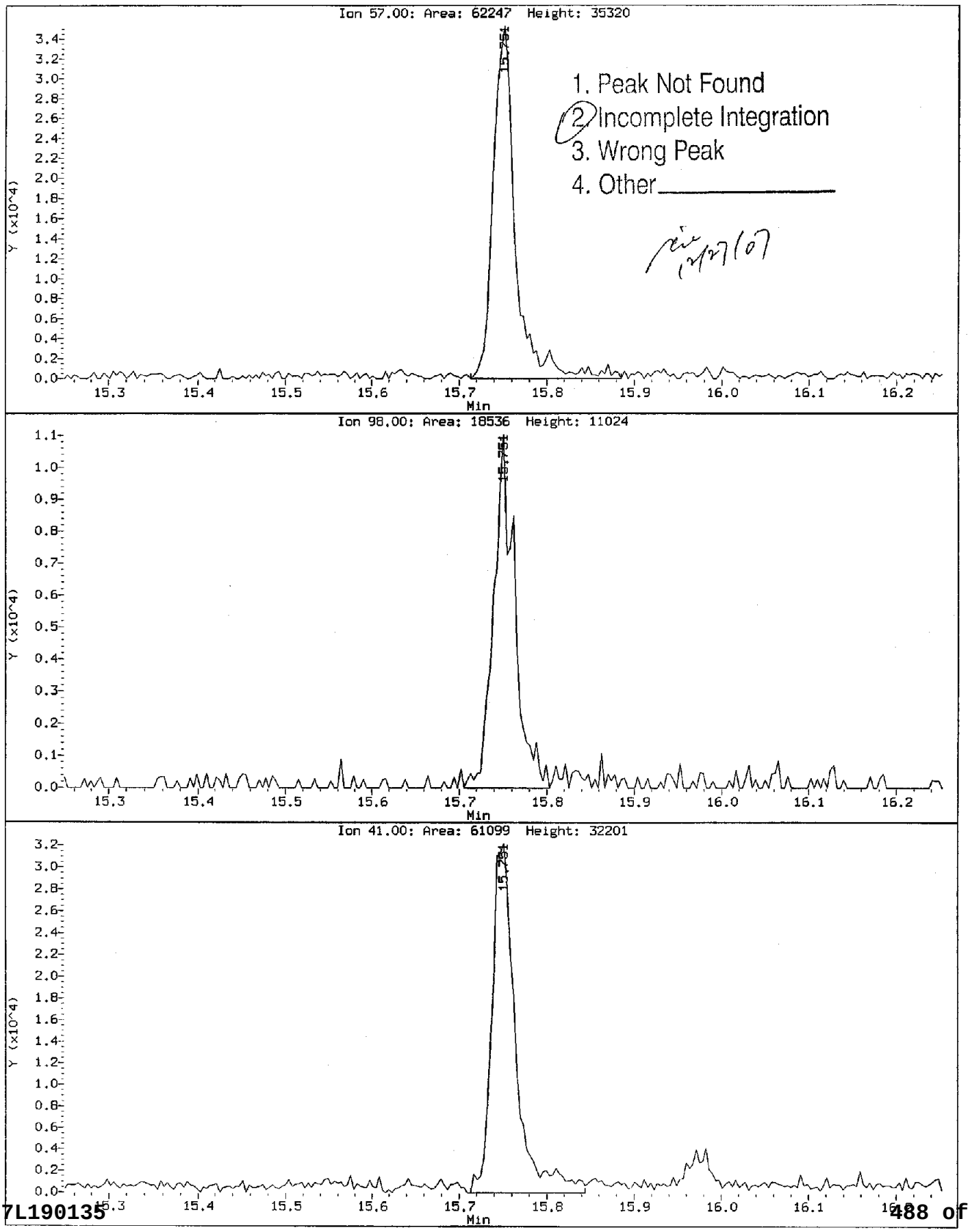
Compound: 2-Hexanone
CAS Number: 591-78-6





Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7422.D
Injection Date: 21-DEC-2007 13:05
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Nonanal
CAS Number: 124-19-6



Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LCAL7421.D
Report Date: 27-Dec-2007 12:26

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7421.D
Analysis Type: WATER
Lab Sample ID: VSTD10-BRC
Method: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m

Injection Date: 21-DEC-2007 11:21
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
157 Ethanol	0.00331	0.00303	0.00303	0.000	8.31746	20.00000	Averaged
144 2,2-Dimethylpentane	0.68759	0.65118	0.65118	0.000	5.29556	20.00000	Averaged
145 2,4-Dimethylpentane	0.53481	0.55066	0.55066	0.000	-2.96298	20.00000	Averaged
146 2,2,3-Trimethylbutane	0.63832	0.59061	0.59061	0.000	7.47424	20.00000	Averaged
147 3,3-Dimethylpentane	0.68601	0.66344	0.66344	0.000	3.29075	20.00000	Averaged
148 2-Methylhexane	0.57247	0.59375	0.59375	0.000	-3.71711	20.00000	Averaged
149 2,3-Dimethylpentane	0.19434	0.18987	0.18987	0.000	2.29817	20.00000	Averaged
150 3-Methylhexane	0.28354	0.26830	0.26830	0.000	5.37397	20.00000	Averaged
156 3-Ethylpentane	0.67279	0.64698	0.64698	0.000	3.83639	20.00000	Averaged
151 Heptane	0.46101	0.45249	0.45249	0.000	1.84706	20.00000	Averaged
152 Dimethyl Disulfide	10.00000	8.00266	0.27930	0.000	19.97344	20.00000	Linear
153 1,3,5-Trichlorobenzene	1.18324	1.01007	1.01007	0.000	14.63517	20.00000	Averaged

12/27/07

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\BRC\LCAL7421.D
Report Date: 27-Dec-2007 12:25

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071221A.B\BRC\LCAL7421.D
Lab Smp Id: VSTD10-BRC Client Smp ID: VSTD10-BRC
Inj Date : 21-DEC-2007 11:21
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD10-BRC;L071221A.B
Misc Info : VBLKL355A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071221A.B\BRC\8260C-25LLW40.m
Meth Date : 27-Dec-2007 12:23 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: BRC.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 45 Fluorobenzene	96	9.673	9.673	(1.000)	1311845	10.0000	
157 Ethanol	45	5.979	5.979	(0.406)	177523	2500.00	2292 (M)
144 2,2-Dimethylpentane	57	7.727	7.727	(0.799)	854245	10.0000	9.470
145 2,4-Dimethylpentane	43	7.813	7.813	(0.808)	722381	10.0000	10.30
146 2,2,3-Trimethylbutane	57	8.064	8.064	(0.834)	774791	10.0000	9.252
147 3,3-Dimethylpentane	43	8.427	8.427	(0.871)	870328	10.0000	9.671
148 2-Methylhexane	43	8.531	8.531	(0.882)	778908	10.0000	10.37
149 2,3-Dimethylpentane	71	8.662	8.662	(0.896)	249085	10.0000	9.770
150 3-Methylhexane	57	8.722	8.722	(0.902)	351972	10.0000	9.463
156 3-Ethylpentane	43	8.947	8.947	(0.925)	848742	10.0000	9.616
151 Heptane	43	9.126	9.126	(0.944)	593601	10.0000	9.815
* 70 Chlorobenzene-d5	117	12.532	12.532	(1.000)	711463	10.0000	
152 Dimethyl Disulfide	94	11.024	11.024	(0.880)	198712	10.0000	8.003 (M)
* 94 1,4 Dichlorobenzene-d4	152	14.728	14.728	(1.000)	234160	10.0000	
153 1,3,5-Trichlorobenzene	182	15.982	15.982	(1.085)	236519	10.0000	8.536

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\BRC\LCAL7421.D
Report Date: 27-Dec-2007 12:25

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INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

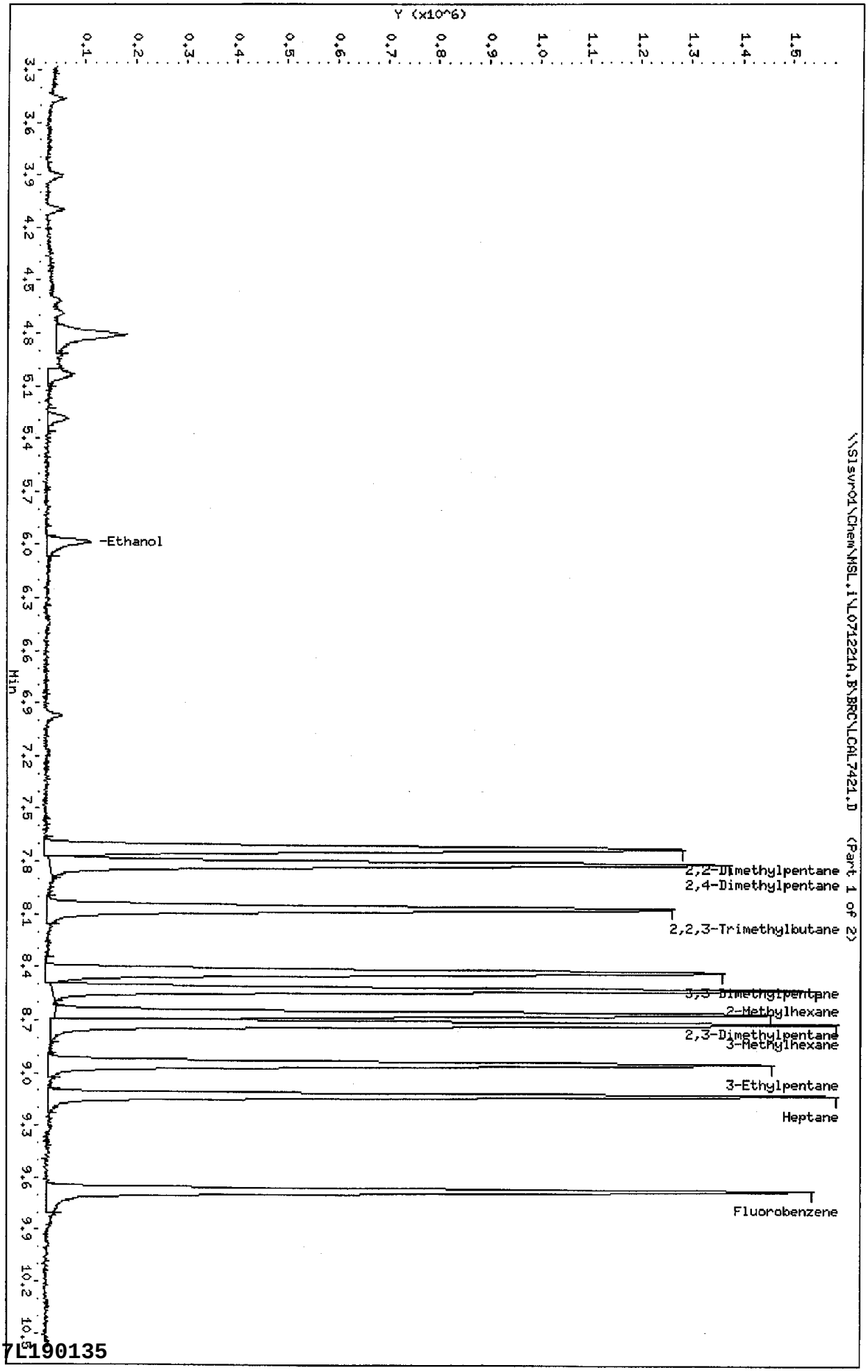
Instrument ID: MSL.i
Lab File ID: LCAL7421.D
Lab Smp Id: VSTD10-BRC
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071221A.B\BRC\8260C-25LLW40.m
Misc Info: VBLKL355A;

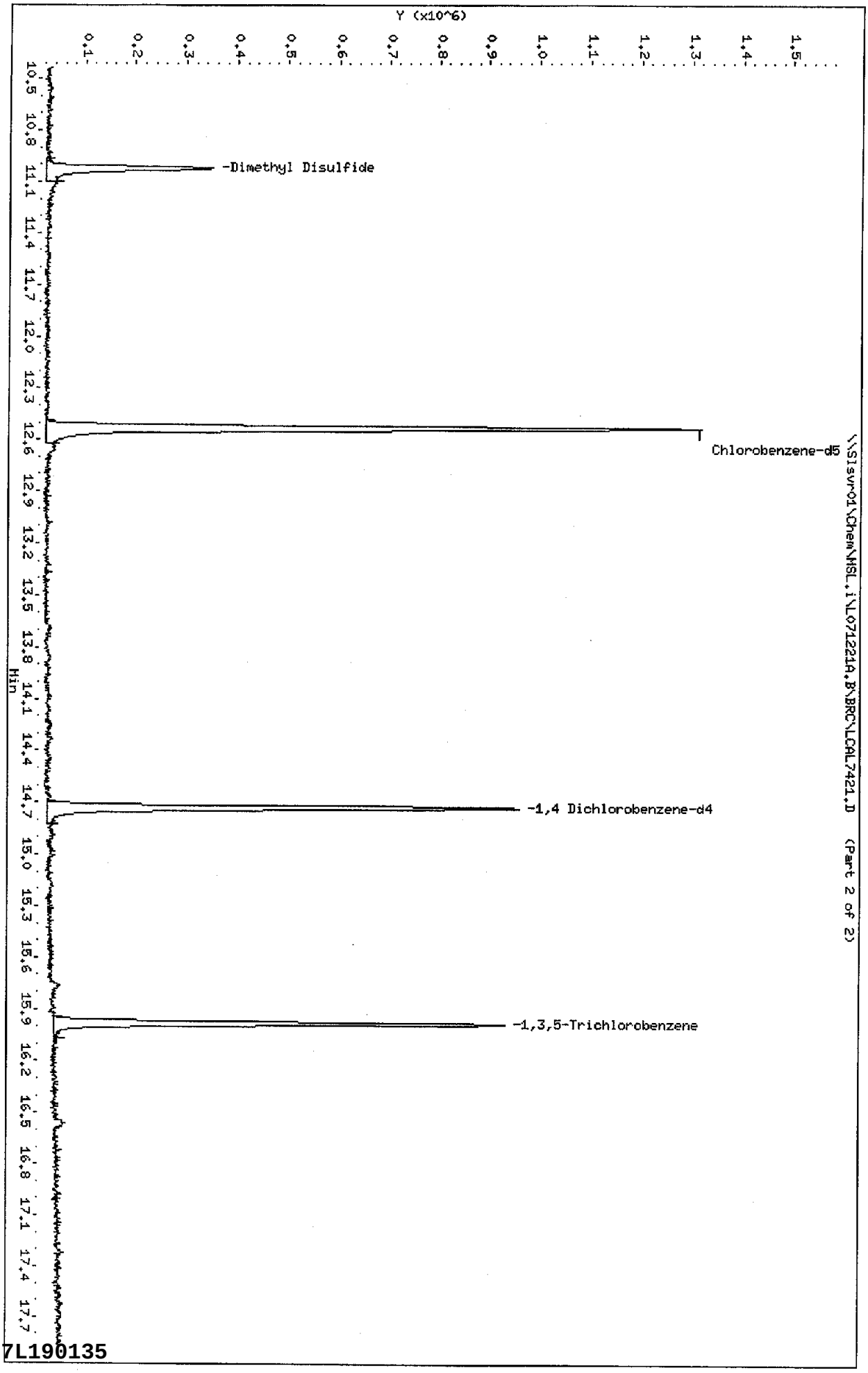
Calibration Date: 16-NOV-2007
Calibration Time: 15:58
Client Smp ID: VSTD10-BRC
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1638814	819407	3277628	1311845	-19.95
70 Chlorobenzene-d5	872740	436370	1745480	711463	-18.48
94 1,4 Dichlorobenze	323550	161775	647100	234160	-27.63

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

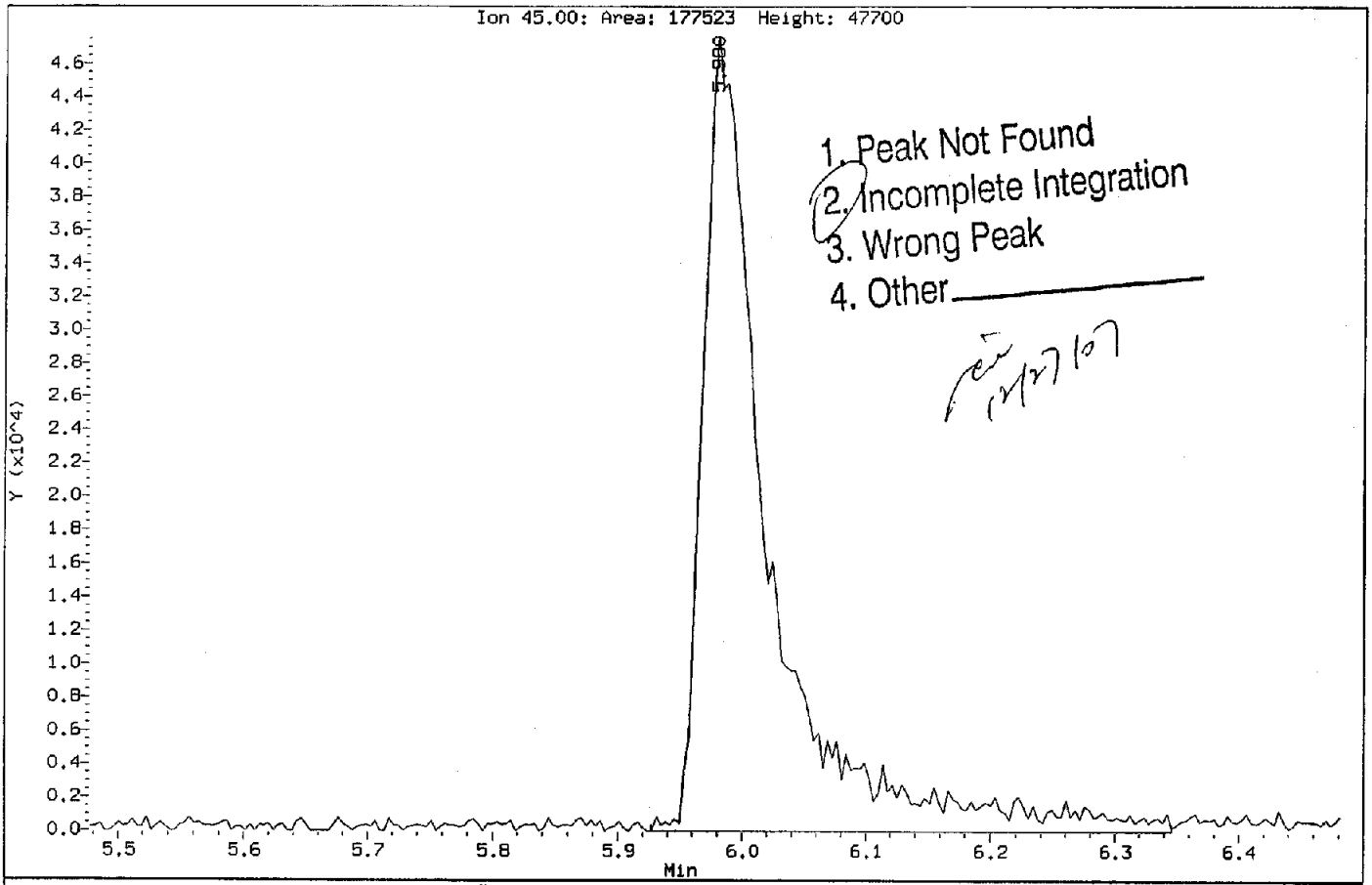
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

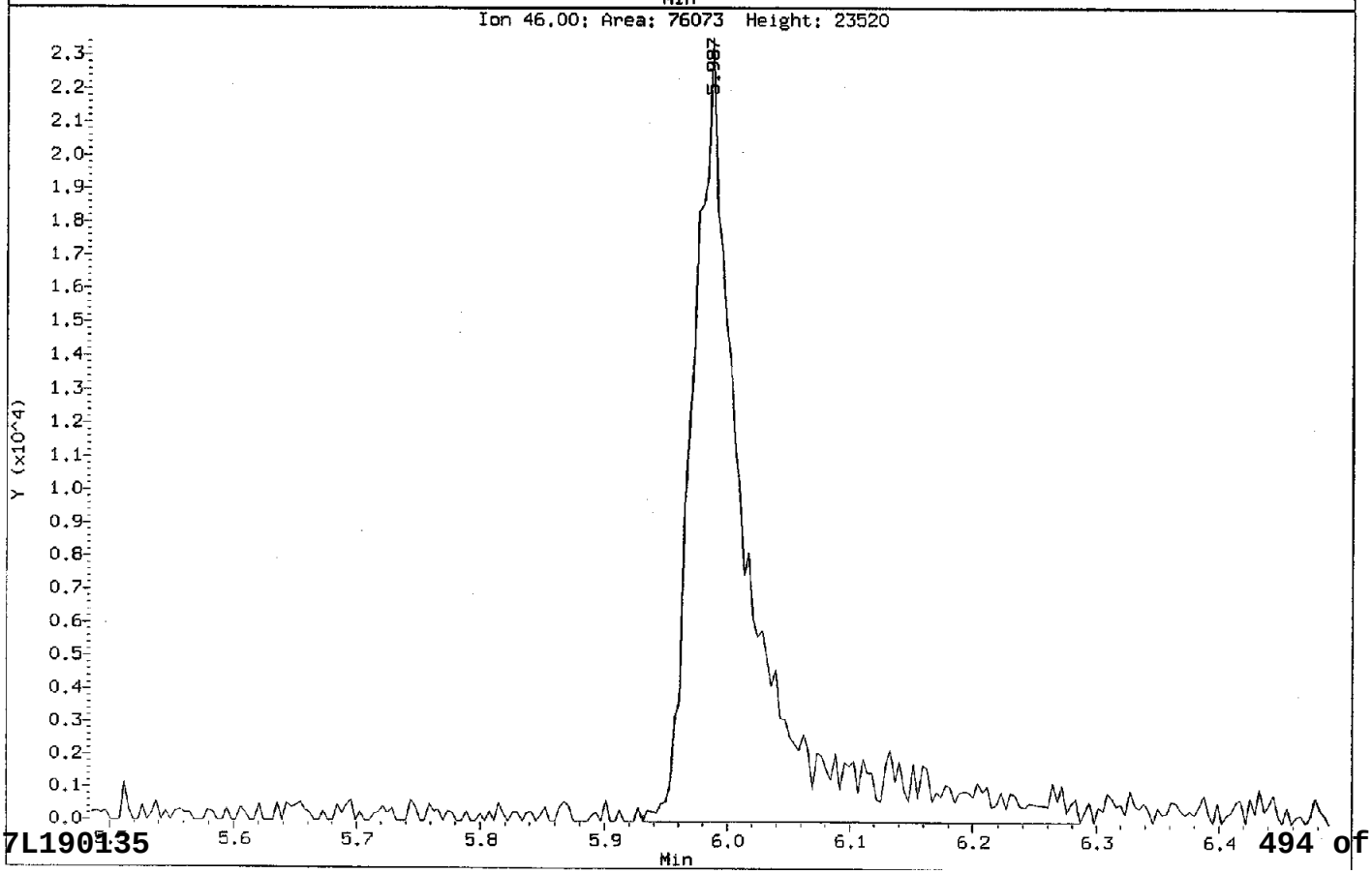

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\BRC\LCAL7421.D
Date : 21-DEC-2007 11:21
Client ID: VSTD10-BRC
Sample Info: VSTD10-BRC;L071221A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
-Ethanol
2,2-Dimethylpentane
2,4-Dimethylpentane
2,2,3-Trimethylbutane
3,3-Dimethylpentane
2-Methylhexane
2,3-Dimethylpentane
3-Methylhexane
3-Ethylpentane
Heptane
Fluorobenzene
\\Slsvr01\Chem\MSL.i\L071221A.B\BRC\LCAL7421.D (Part 1 of 2)


Data File: \\Slsvr01\Chem\MSL_i\L071221A_B\BRC\LCAL7421_D
Date : 21-DEC-2007 11:21
Client ID: VSTD10-BRC
Sample Info: VSTD10-BRC;L071221A_B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL_i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
-Dimethyl Disulfide
Chlorobenzene-d5
-1,4 Dichlorobenzene-d4
-1,3,5-Trichlorobenzene
\\Slsvr01\Chem\MSL_i\L071221A_B\BRC\LCAL7421_D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\BRC\LCAL7421.D
Injection Date: 21-DEC-2007 11:21
Instrument: MSL.i
Client Sample ID: VSTD10-BRC

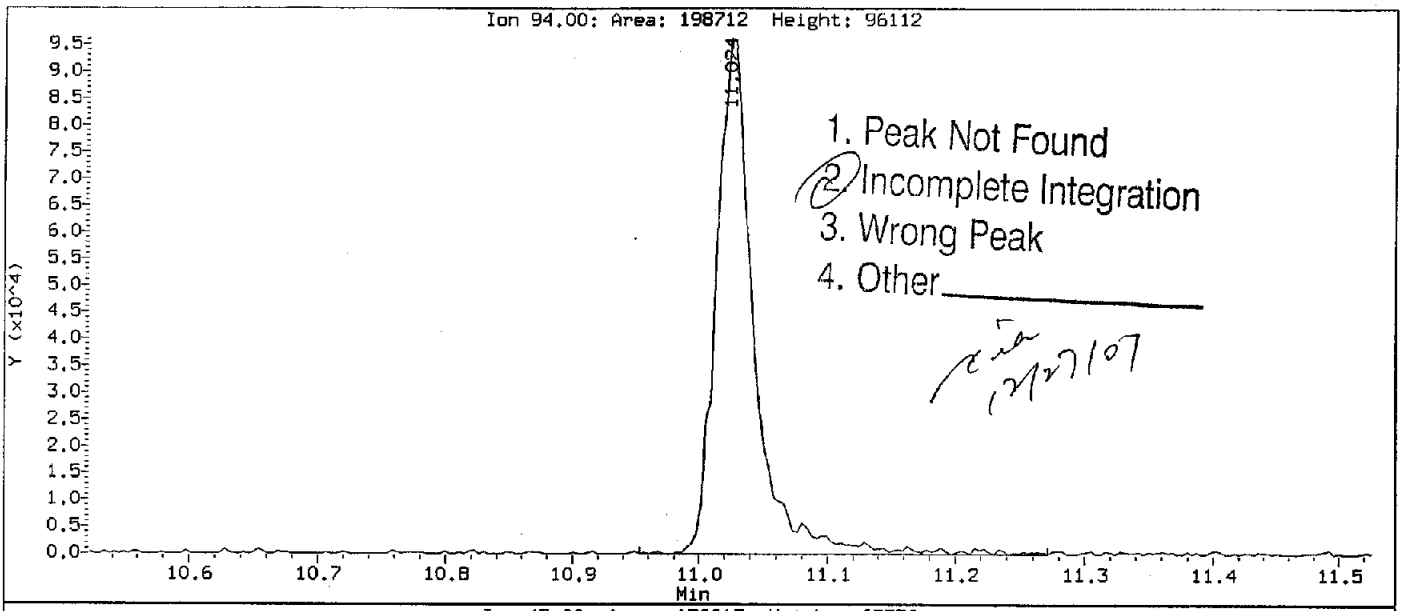
Compound: Ethanol
CAS Number:





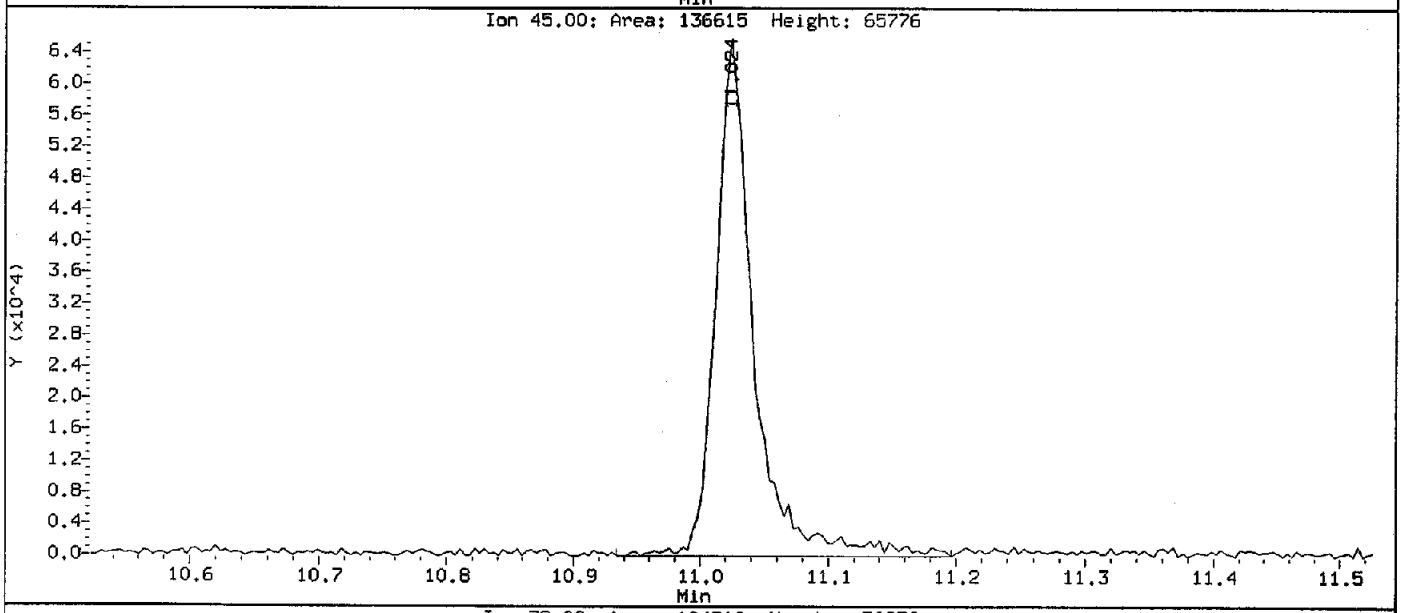
Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\BRC\LCAL7421.D
Injection Date: 21-DEC-2007 11:21
Instrument: MSL.i
Client Sample ID: VSTD10-BRC

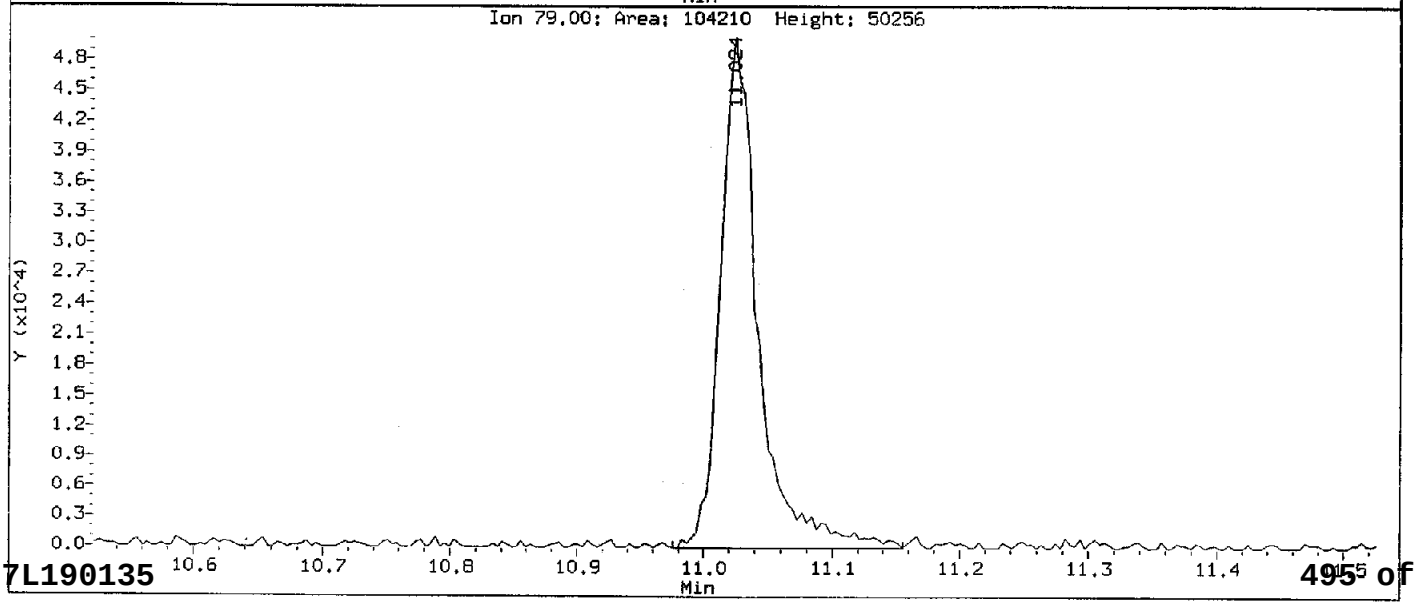
Compound: Dimethyl Disulfide
CAS Number:



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12/27/07





GC/MS RAW SAMPLE DATA

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7438.D
Report Date: 27-Dec-2007 16:41

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7438.D
Lab Smp Id: KEE9Q1AC Client Smp ID: EB-1
Inj Date : 21-DEC-2007 20:00
Operator : XIA Inst ID: MSL.i
Smp Info : KEE9Q1AC
Misc Info : VBLKL355A;F7L190135-001;7358096;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Meth Date : 27-Dec-2007 12:26 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	3 Chloromethane	50	3.921	3.902	(0.405)	37748	0.80759	0.8076(M)
	5 Bromomethane	94	4.815	4.800	(0.498)	9519	0.38267	0.3827(M)
	31 Chloroform	83	8.711	8.707	(0.901)	17696	0.53245	0.5324(M)
$	36 Dibromofluoromethane	113	8.913	8.906	(0.921)	135392	11.3736	11.37
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	101308	10.8221	10.82
*	45 Fluorobenzene	96	9.673	9.673	(1.000)	802947	10.0000	
$	57 Toluene-d8	98	11.087	11.084	(0.885)	821852	11.1999	11.20
*	70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	490781	10.0000	
$	78 4-Bromofluorobenzene	95	13.651	13.647	(0.927)	175153	10.1305	10.13
*	94 1,4 Dichlorobenzene-d4	152	14.728	14.725	(1.000)	175947	10.0000	

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7438.D
Report Date: 27-Dec-2007 12:58

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INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

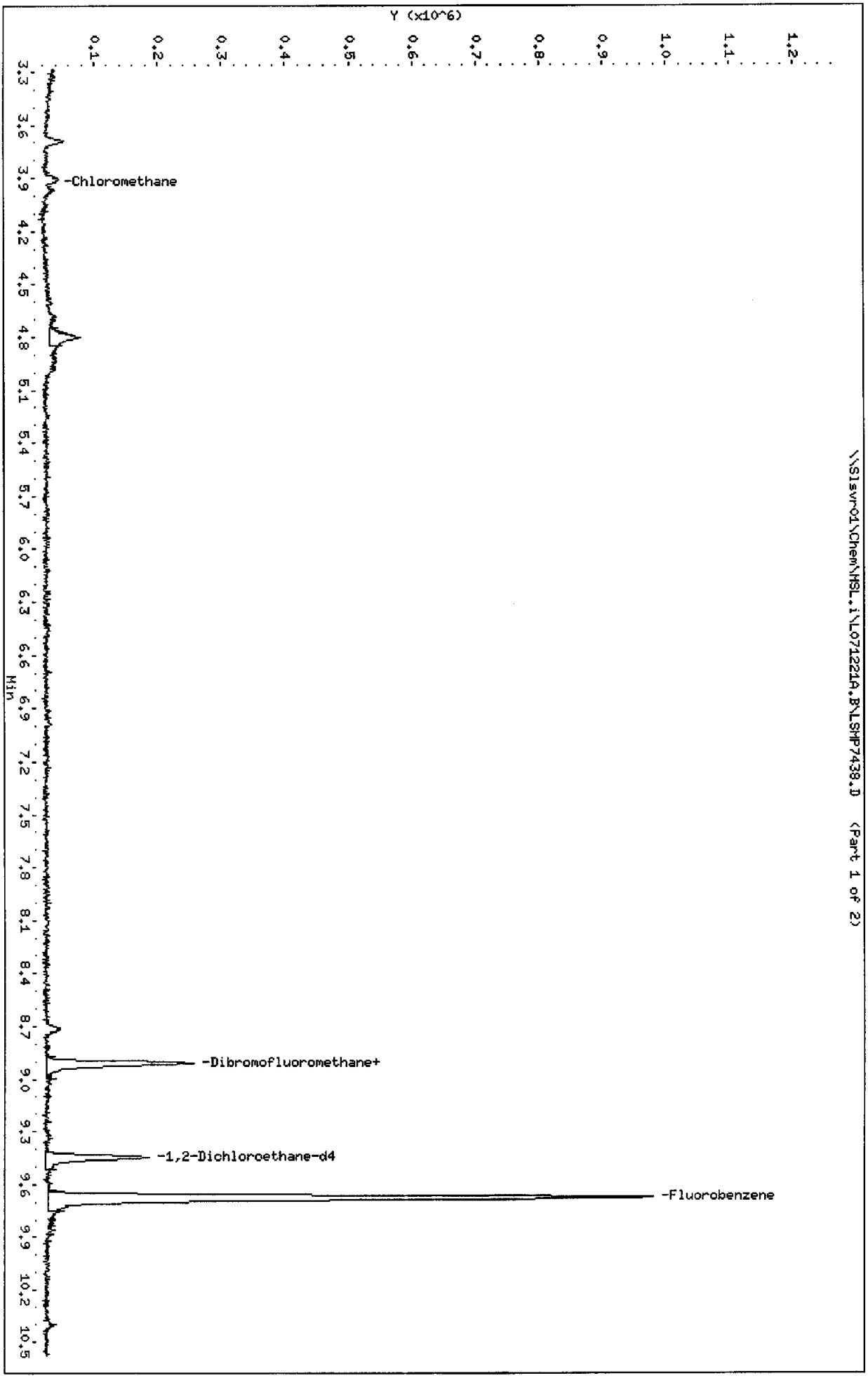
Instrument ID: MSL.i
Lab File ID: LSMP7438.D
Lab Smp Id: KEE9Q1AC
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Misc Info: VBLKL355A;F7L190135-001;7358096;

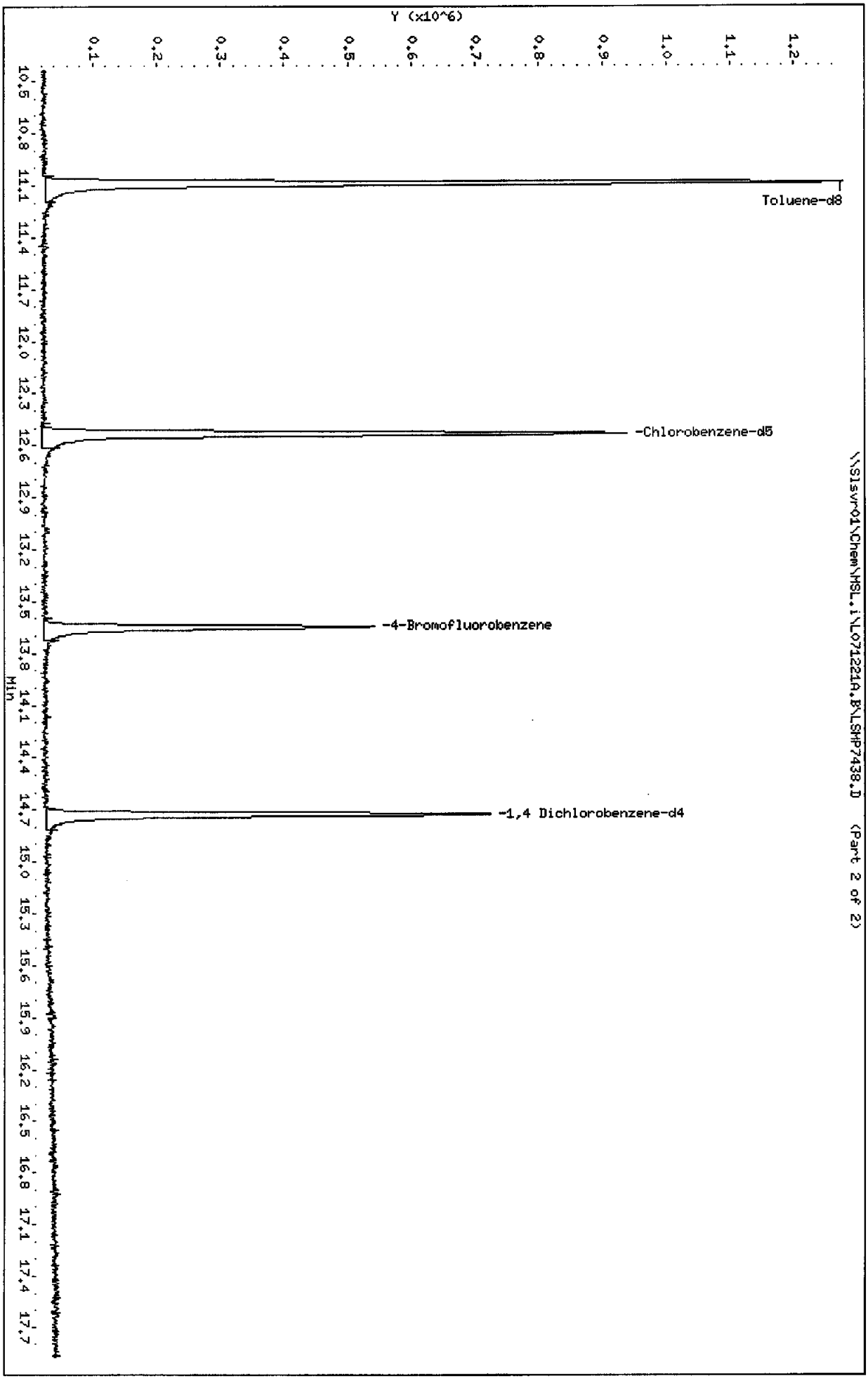
Calibration Date: 21-DEC-2007
Calibration Time: 13:05
Client Smp ID: EB-1
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1399217	699609	2798434	802947	-42.61
70 Chlorobenzene-d5	802936	401468	1605872	490781	-38.88
94 1,4 Dichlorobenze	308619	154310	617238	175947	-42.99

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7438.D
Date : 21-DEC-2007 20:00
Client ID: EB-1
Sample Info: KEE9QIAC
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7438.D (Part 1 of 2)
Y (x10^6)
Min
-Chloromethane
-Dibromofluoromethane+
-1,2-Dichloroethane-d4
-Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSHP7438.D
Date : 21-DEC-2007 20:00
Client ID: EB-1
Sample Info: KEE90AC
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8
-Chlorobenzene-d5
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4
\\Slsvr01\Chem\MSL.i\L071221A.B\LSHP7438.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7438.D

Date : 21-DEC-2007 20:00

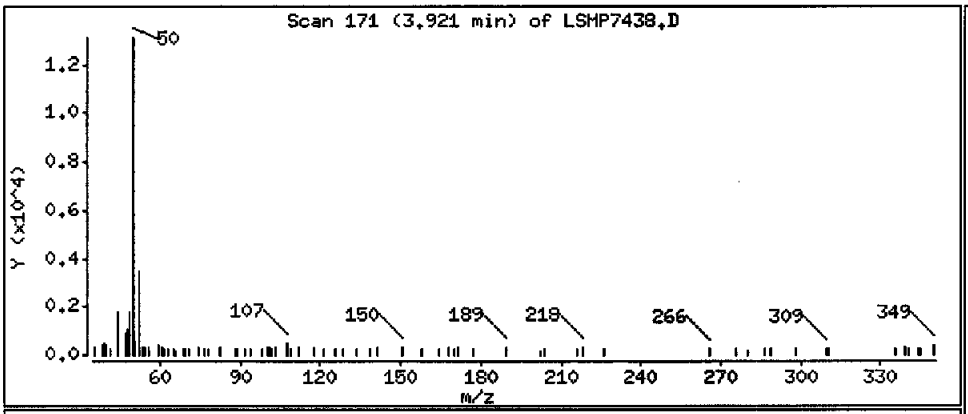
Client ID: EB-1 Instrument: MSL.i

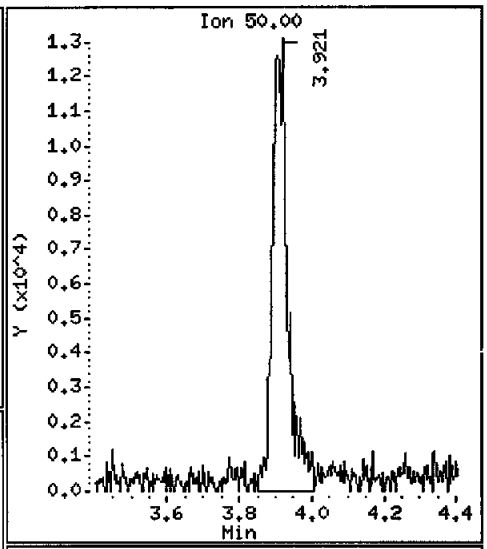
Sample Info: KEE9Q1AC

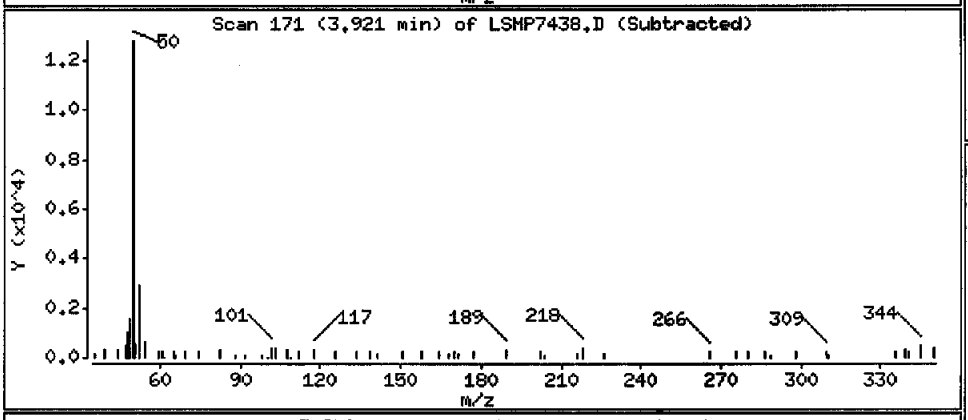
Purge Volume: 25.0 Operator: XIA

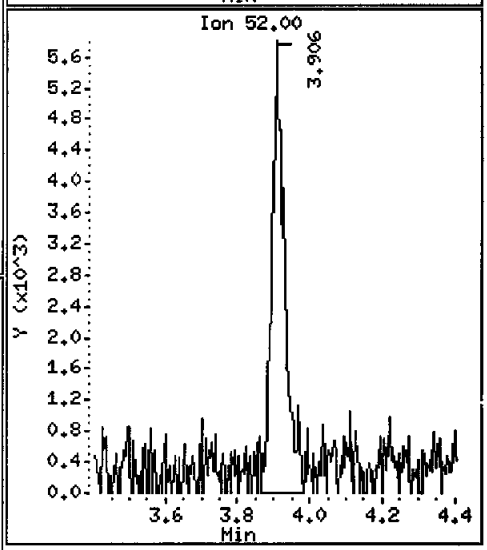
Column phase: RTX-502.2 Column diameter: 0.25

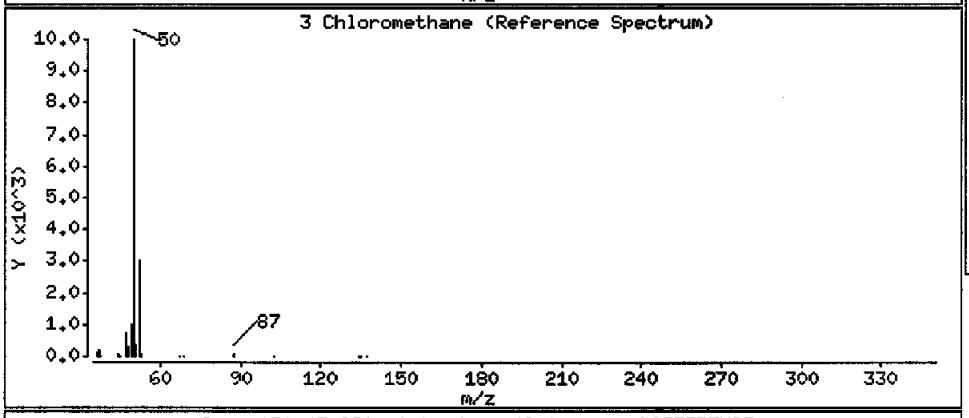
3 Chloromethane Concentration: 0.8076 ug/L

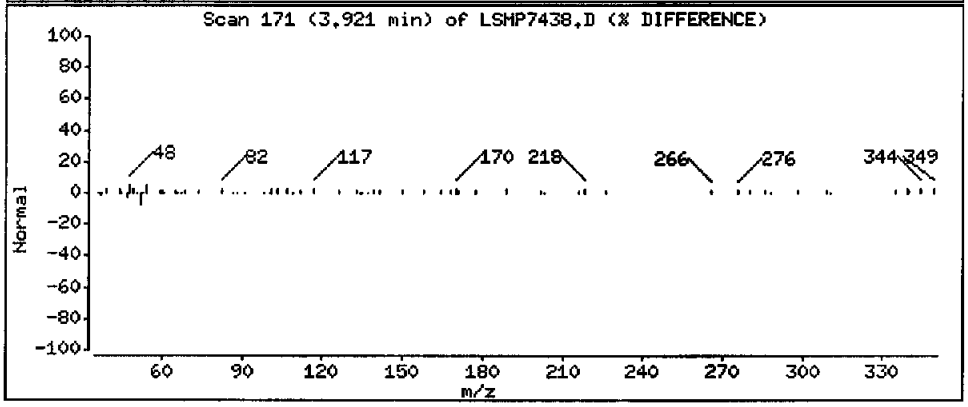












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7438.D

Date : 21-DEC-2007 20:00

Client ID: EB-1

Instrument: MSL.i

Sample Info: KEE9Q1AC

Purge Volume: 25.0

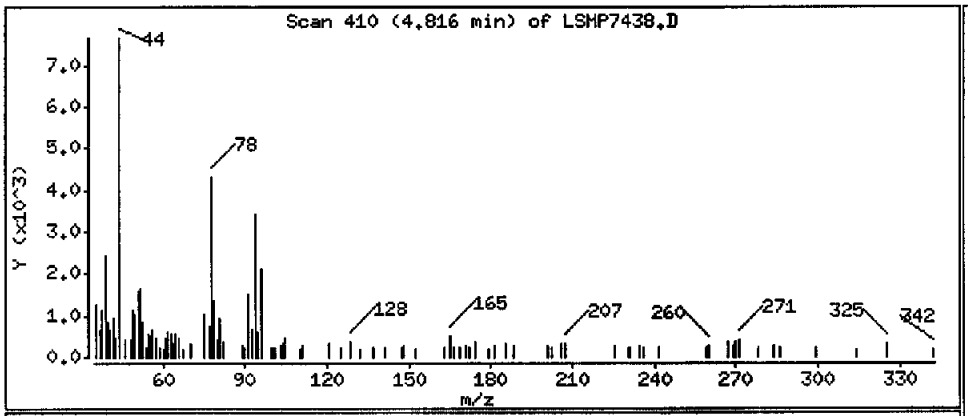
Operator: XIA

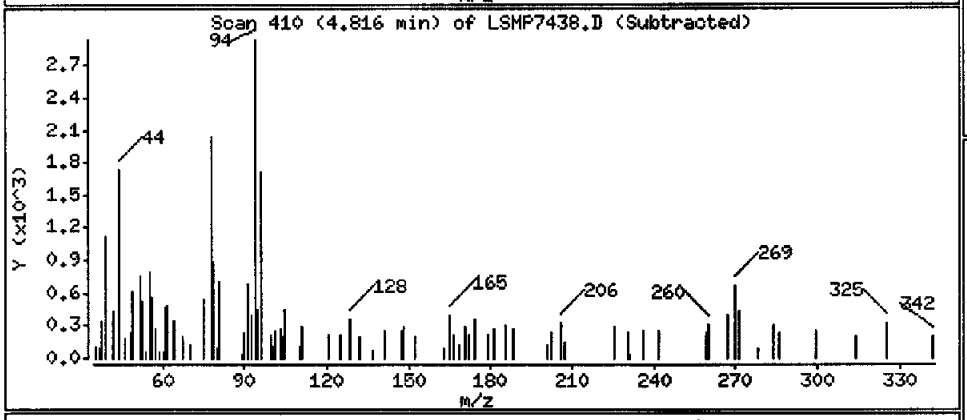
Column phase: RTX-502.2

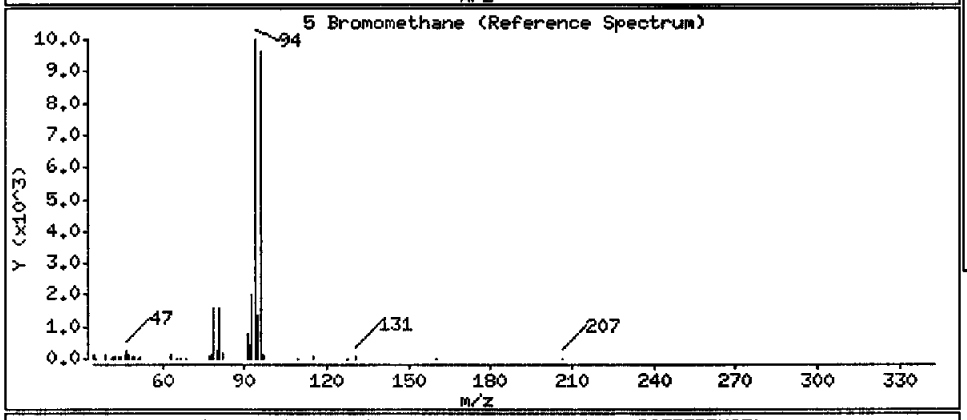
Column diameter: 0.25

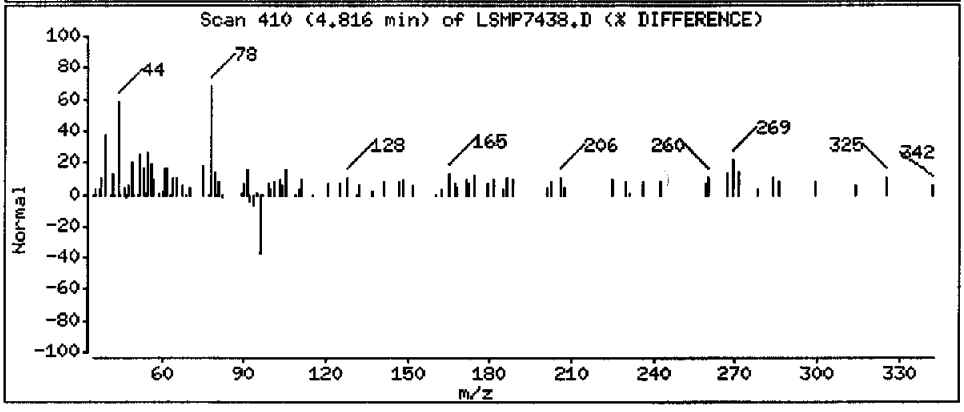
5 Bromomethane

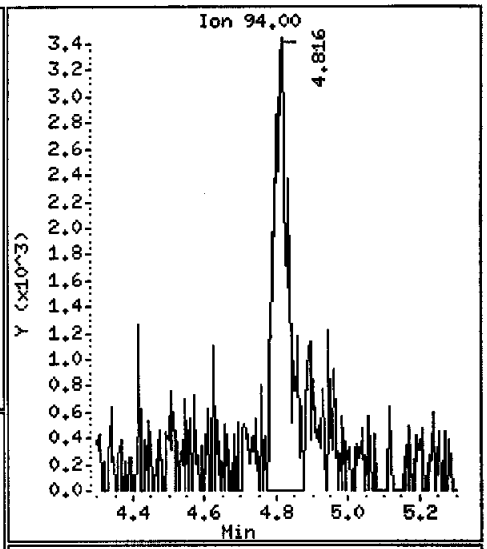
Concentration: 0.3827 ug/L

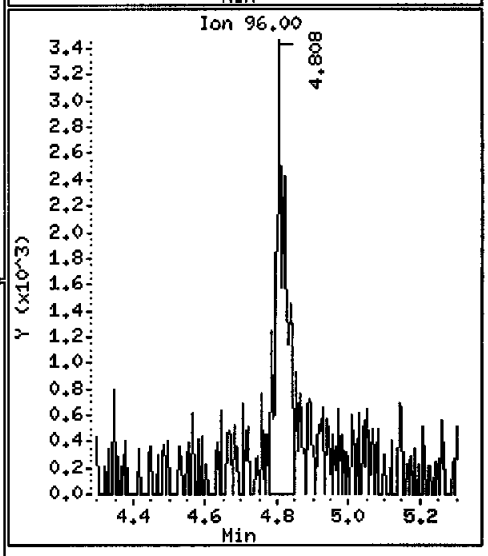












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7438.D

Date : 21-DEC-2007 20:00

Client ID: EB-1

Instrument: MSL.i

Sample Info: KEE9Q1AC

Purge Volume: 25.0

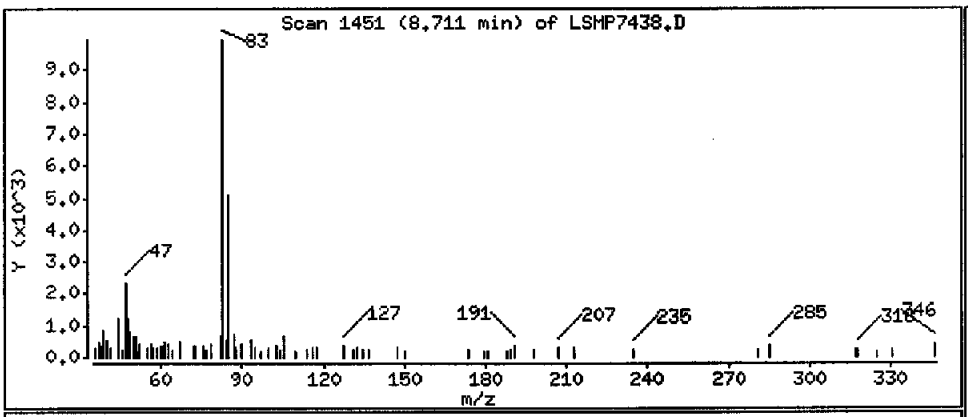
Operator: XIA

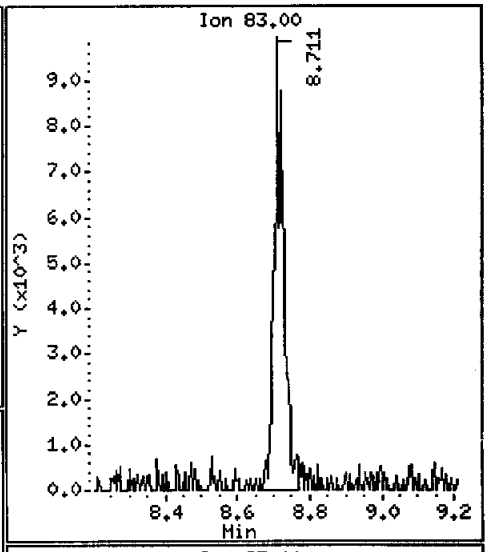
Column phase: RTX-502.2

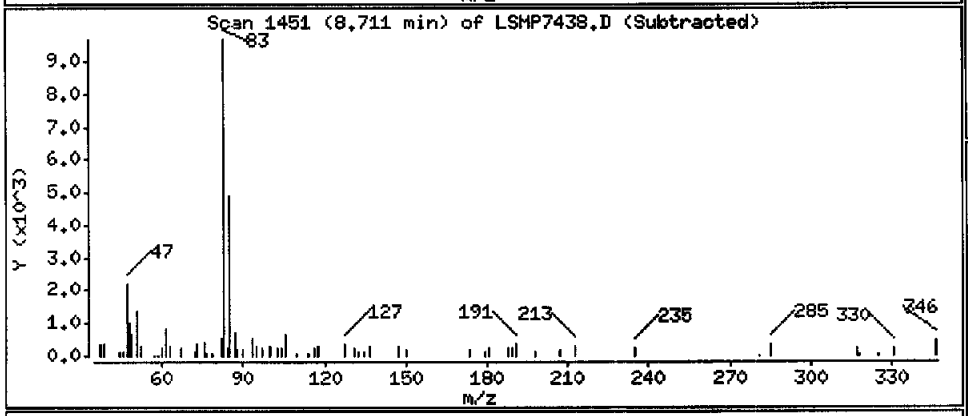
Column diameter: 0.25

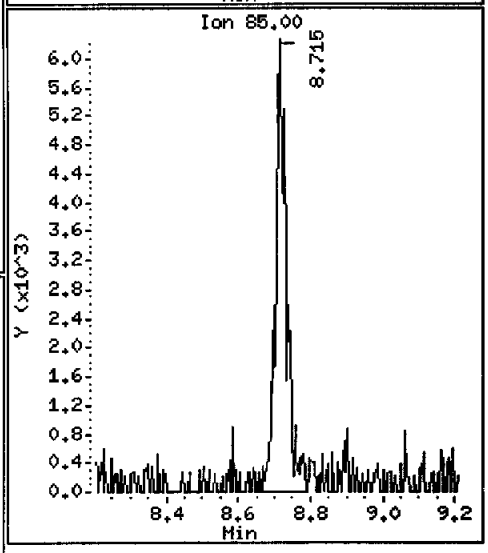
31 Chloroform

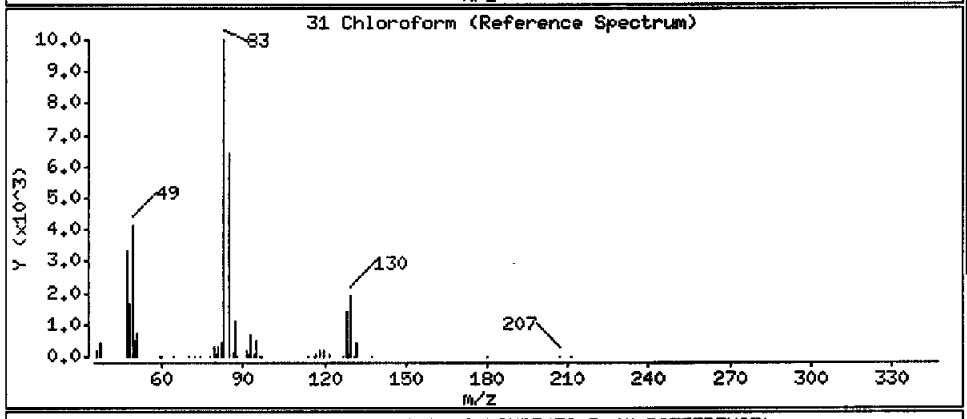
Concentration: 0.5324 ug/L

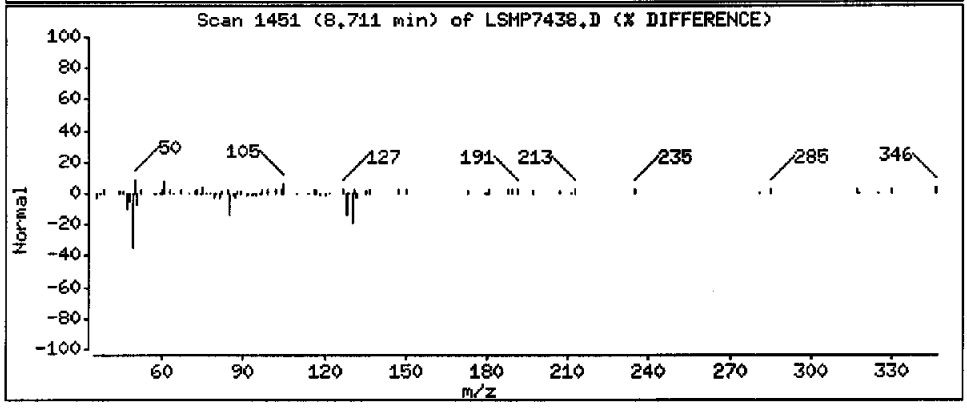






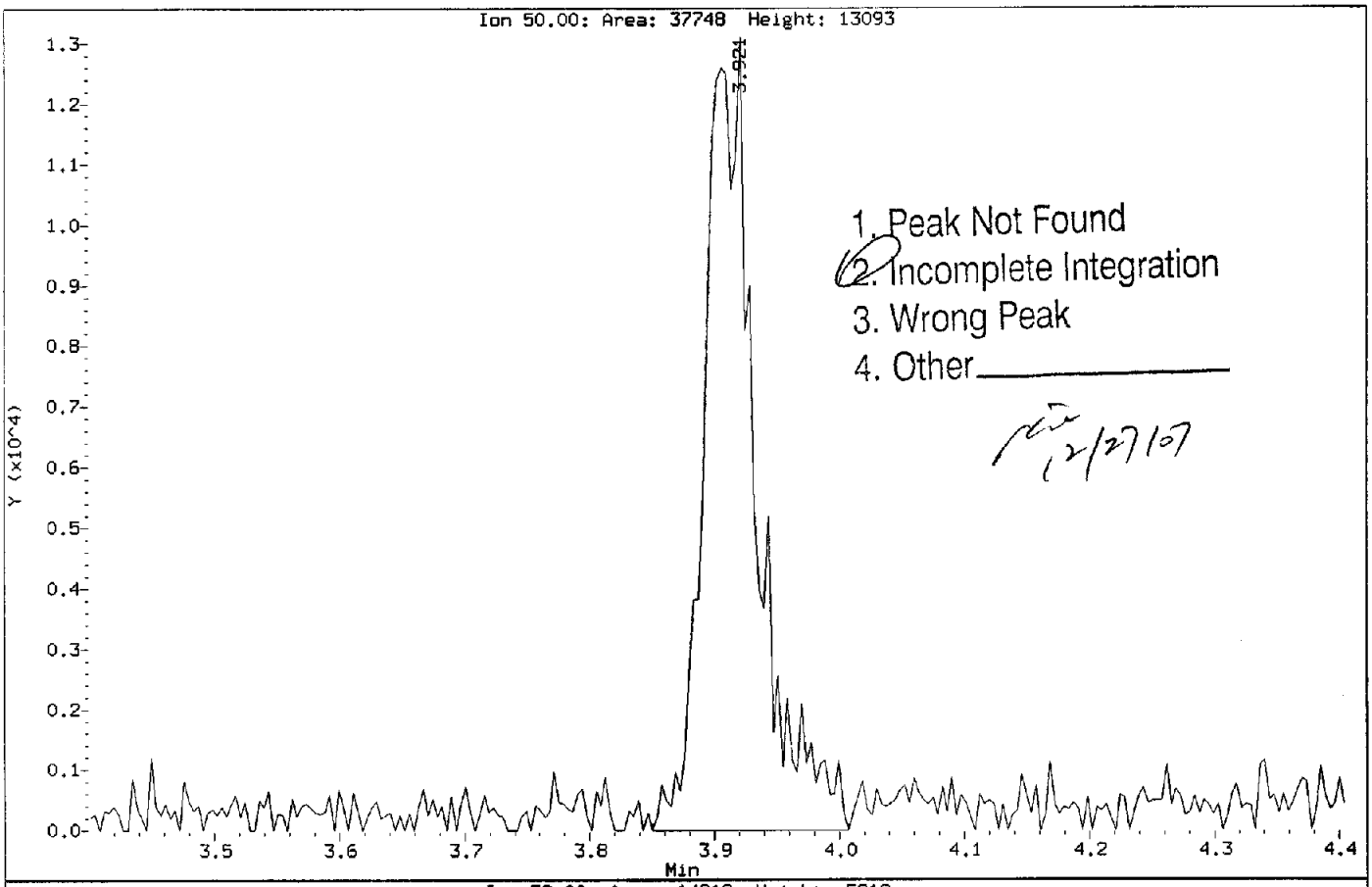


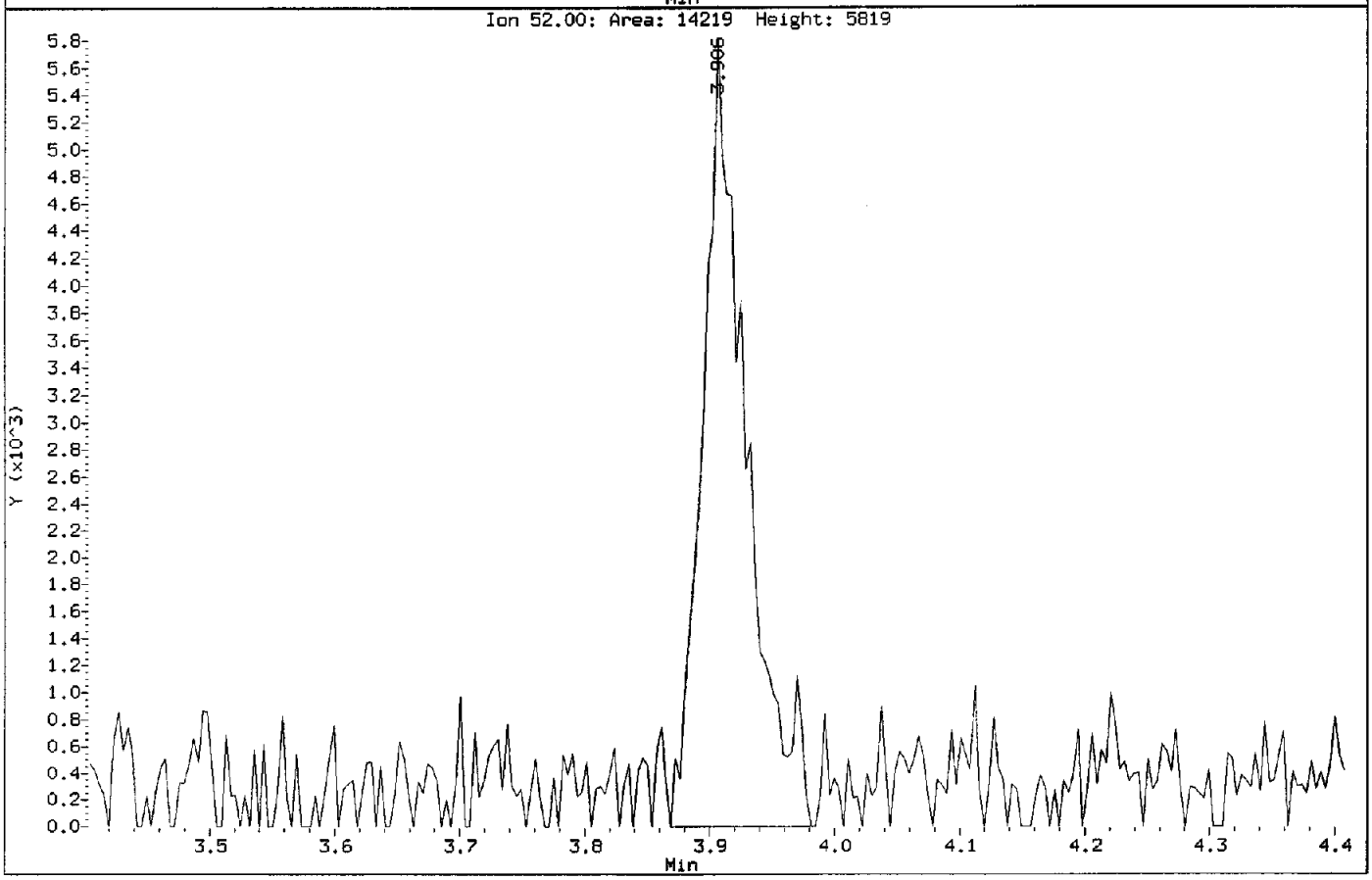




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7438.D
Injection Date: 21-DEC-2007 20:00
Instrument: MSL.i
Client Sample ID: EB-1

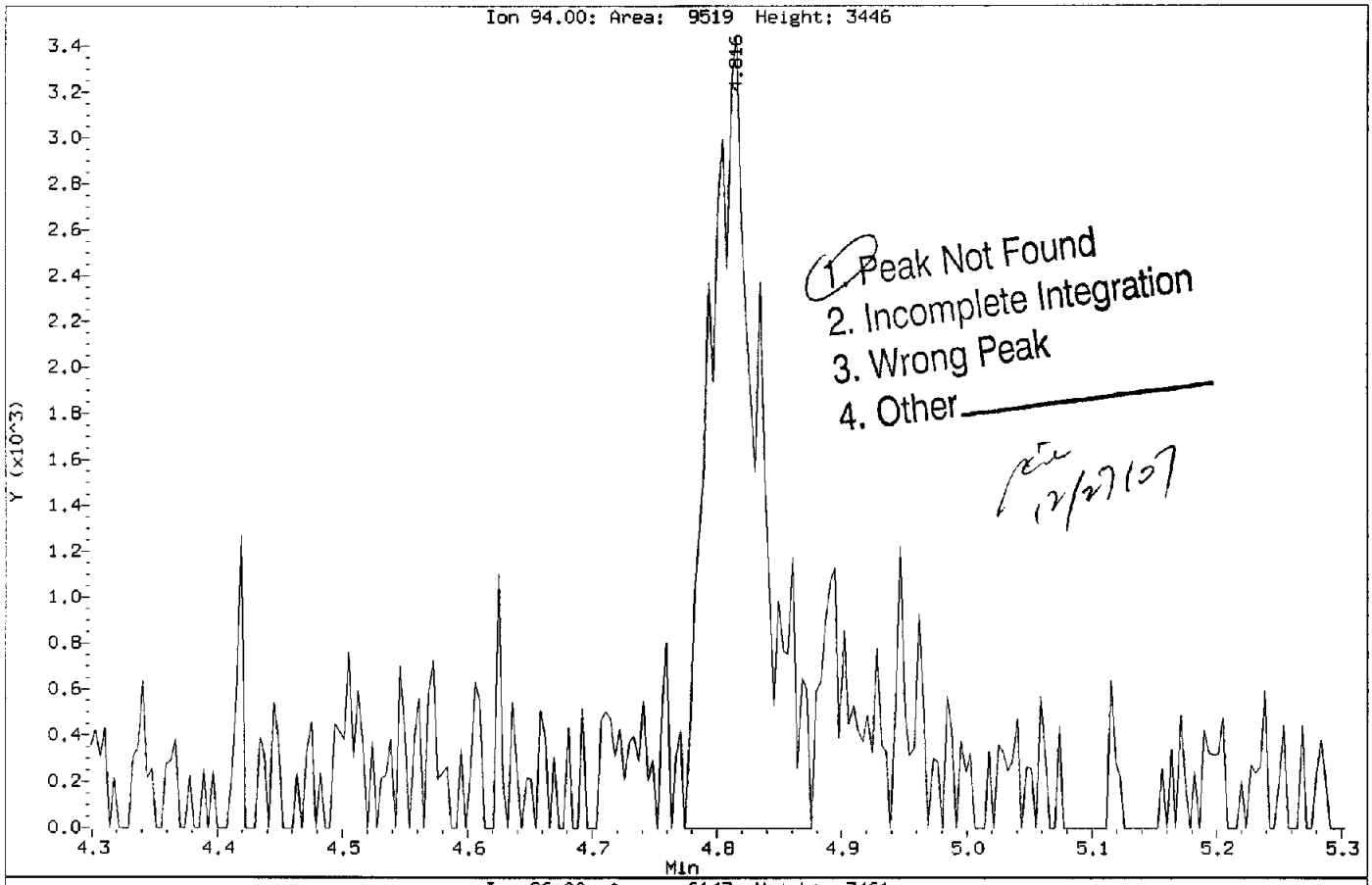
Compound: Chloromethane
CAS Number: 74-87-3

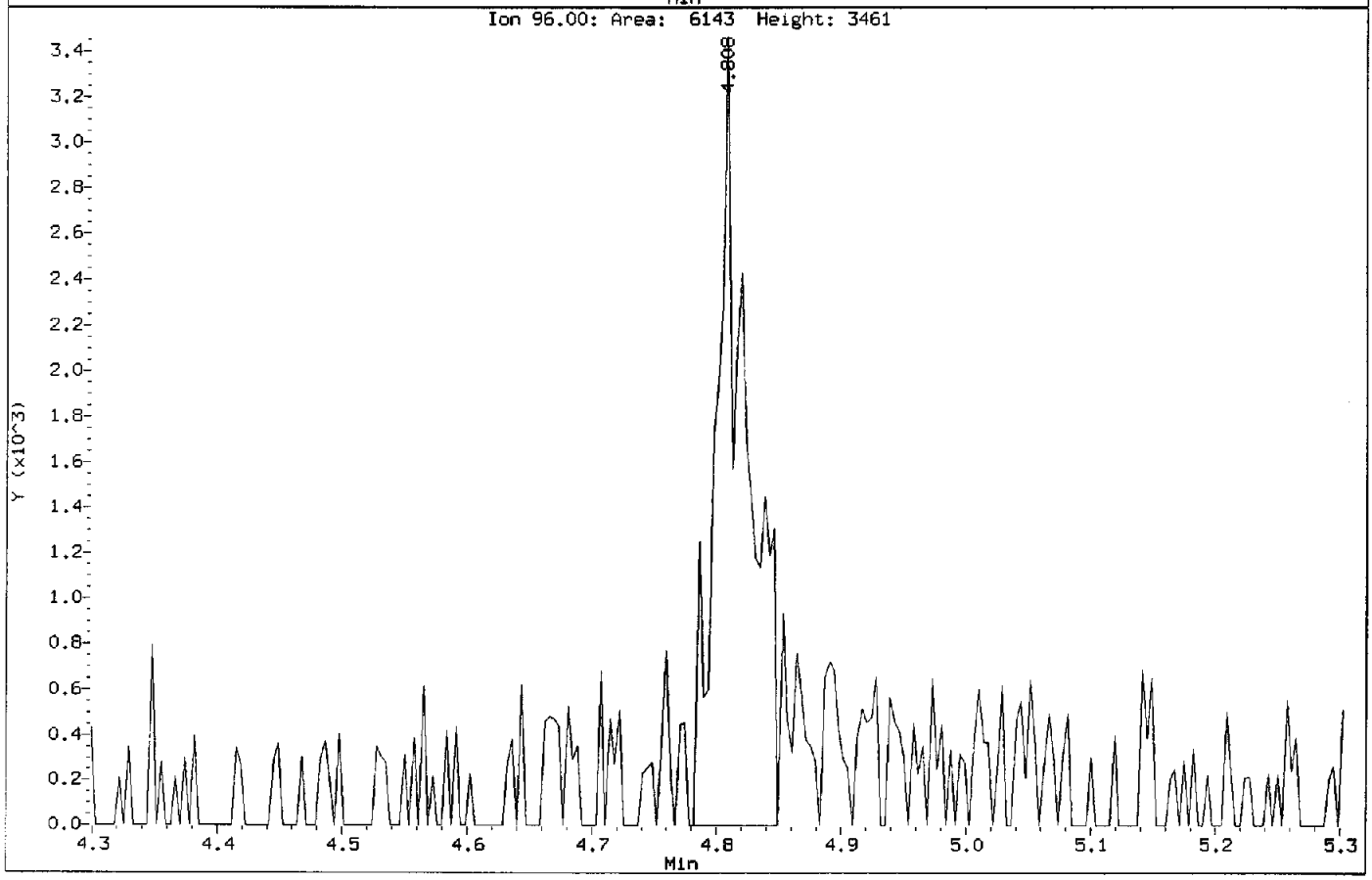




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7438.D
Injection Date: 21-DEC-2007 20:00
Instrument: MSL.i
Client Sample ID: EB-1

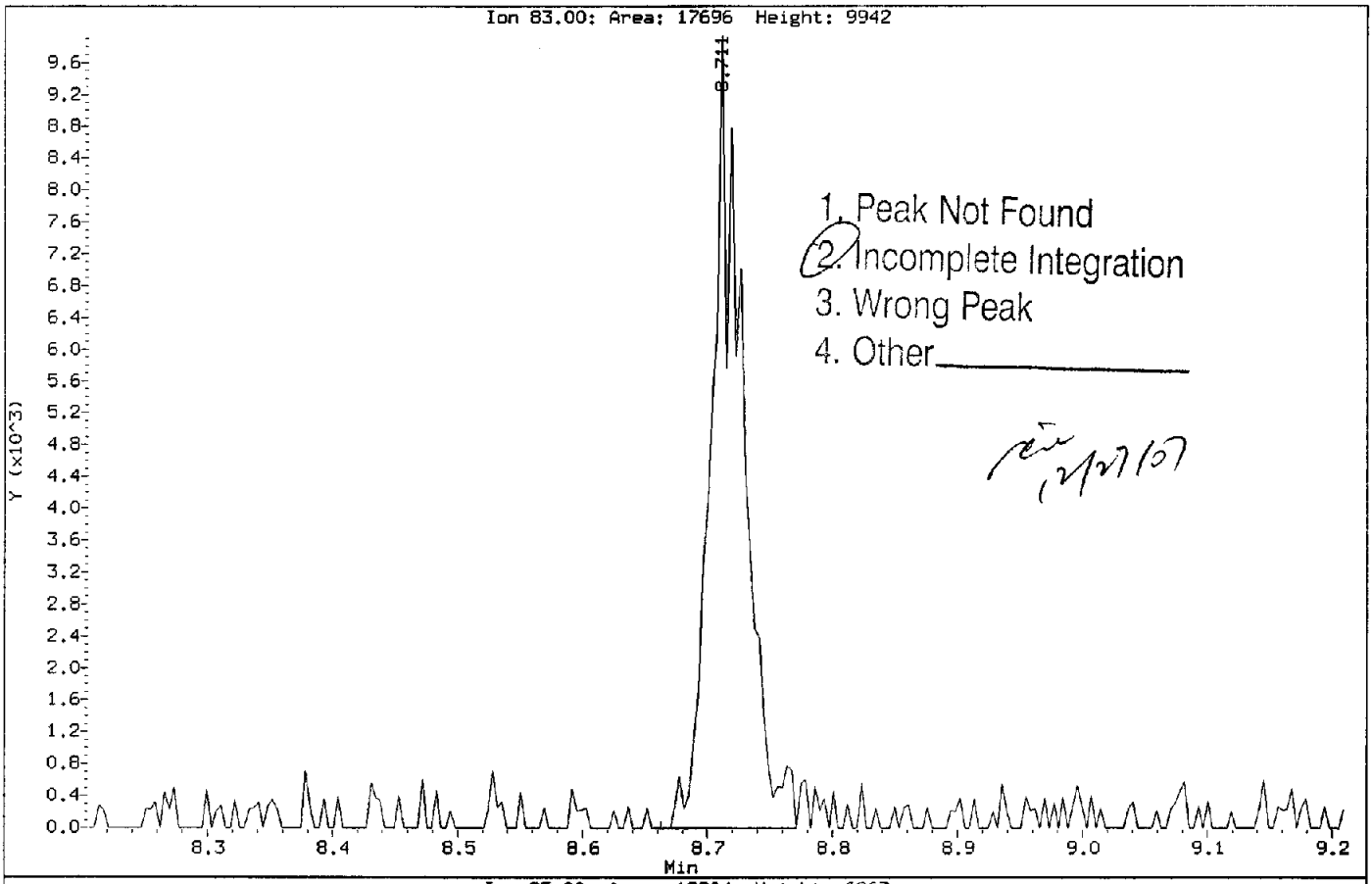
Compound: Bromomethane
CAS Number: 74-83-9

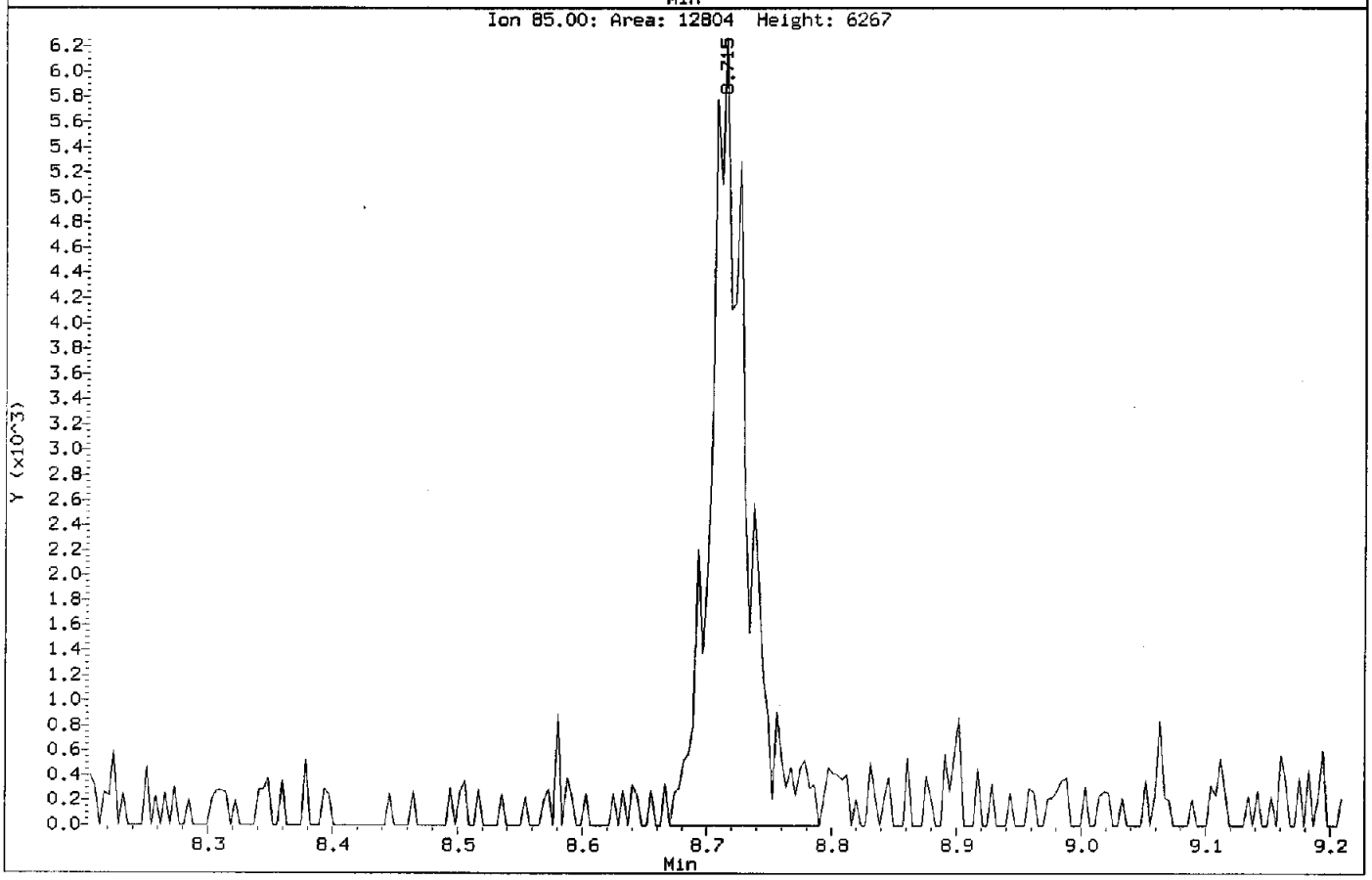




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7438.D
Injection Date: 21-DEC-2007 20:00
Instrument: MSL.i
Client Sample ID: EB-1

Compound: Chloroform
CAS Number: 67-66-3





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7467.D
Report Date: 31-Dec-2007 12:43

TestAmerica St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7467.D
Lab Smp Id: KEE9Q2AC Client Smp ID: EB-1
Inj Date : 24-DEC-2007 17:38
Operator : XIA Inst ID: MSL.i
Smp Info : KEE9Q2AC
Misc Info : VBLKL358A;F7L190135-001;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	3 Chloromethane	50	3.913	3.898	(0.405)	43636	0.92364	0.9236(M)
	5 Bromomethane	94	4.815	4.800	(0.498)	16860	0.67059	0.6706(M)
	31 Chloroform	83	8.714	8.707	(0.901)	19618	0.58401	0.5840(M)
$	36 Dibromofluoromethane	113	8.909	8.905	(0.921)	141481	11.7589	11.76
$	43 1,2-Dichloroethane-d4	65	9.444	9.441	(0.976)	109722	11.5963	11.60
*	45 Fluorobenzene	96	9.673	9.669	(1.000)	811570	10.0000	
$	57 Toluene-d8	98	11.083	11.083	(0.885)	793853	10.1940	10.19
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	520843	10.0000	
$	78 4-Bromofluorobenzene	95	13.643	13.647	(0.926)	180278	9.45421	9.454
*	94 1,4 Dichlorobenzene-d4	152	14.728	14.725	(1.000)	194050	10.0000	

12/31/07

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7467.D
Report Date: 31-Dec-2007 12:43

TestAmerica St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

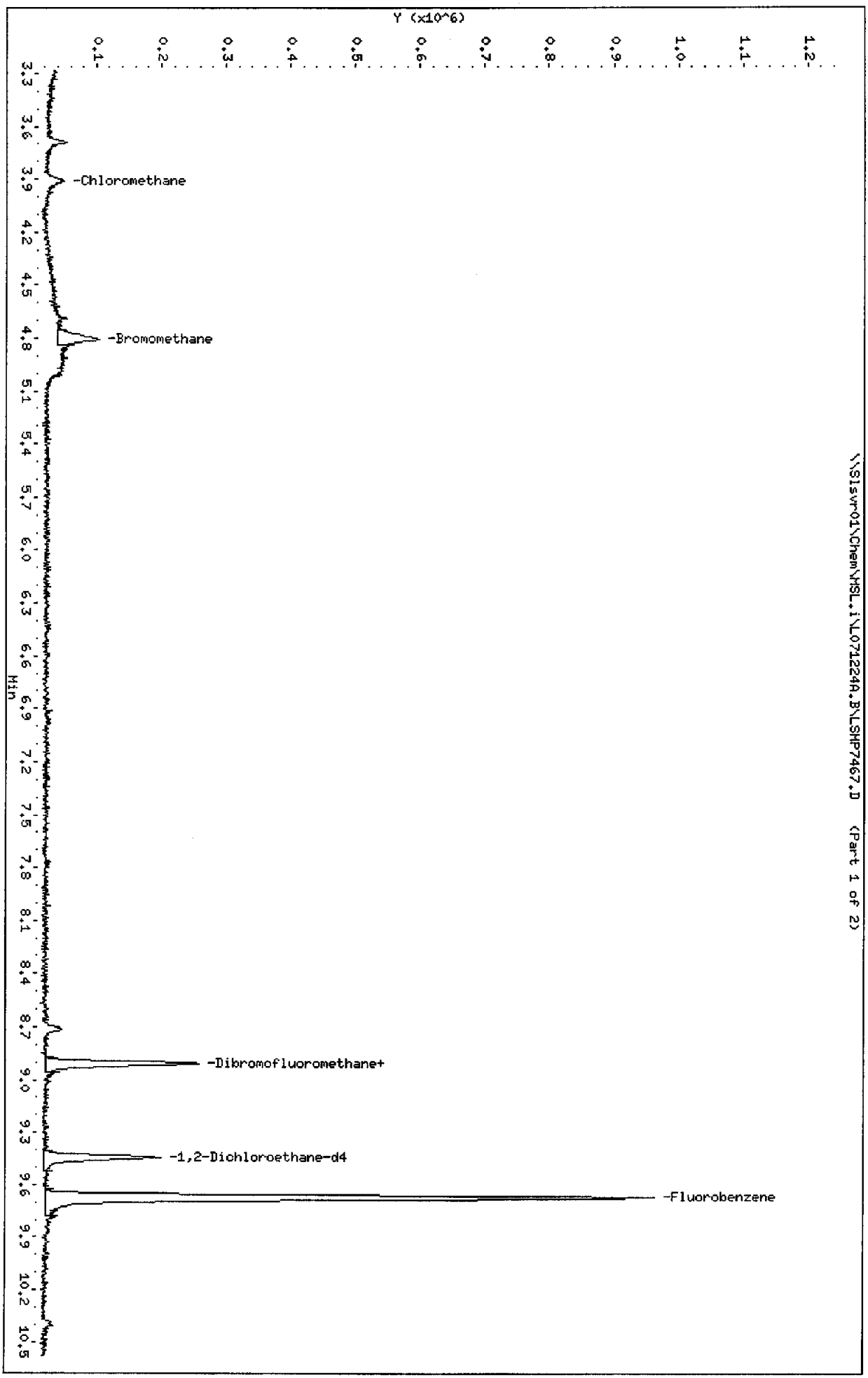
Instrument ID: MSL.i
Lab File ID: LSMP7467.D
Lab Smp Id: KEE9Q2AC
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L190135-001;7360149;

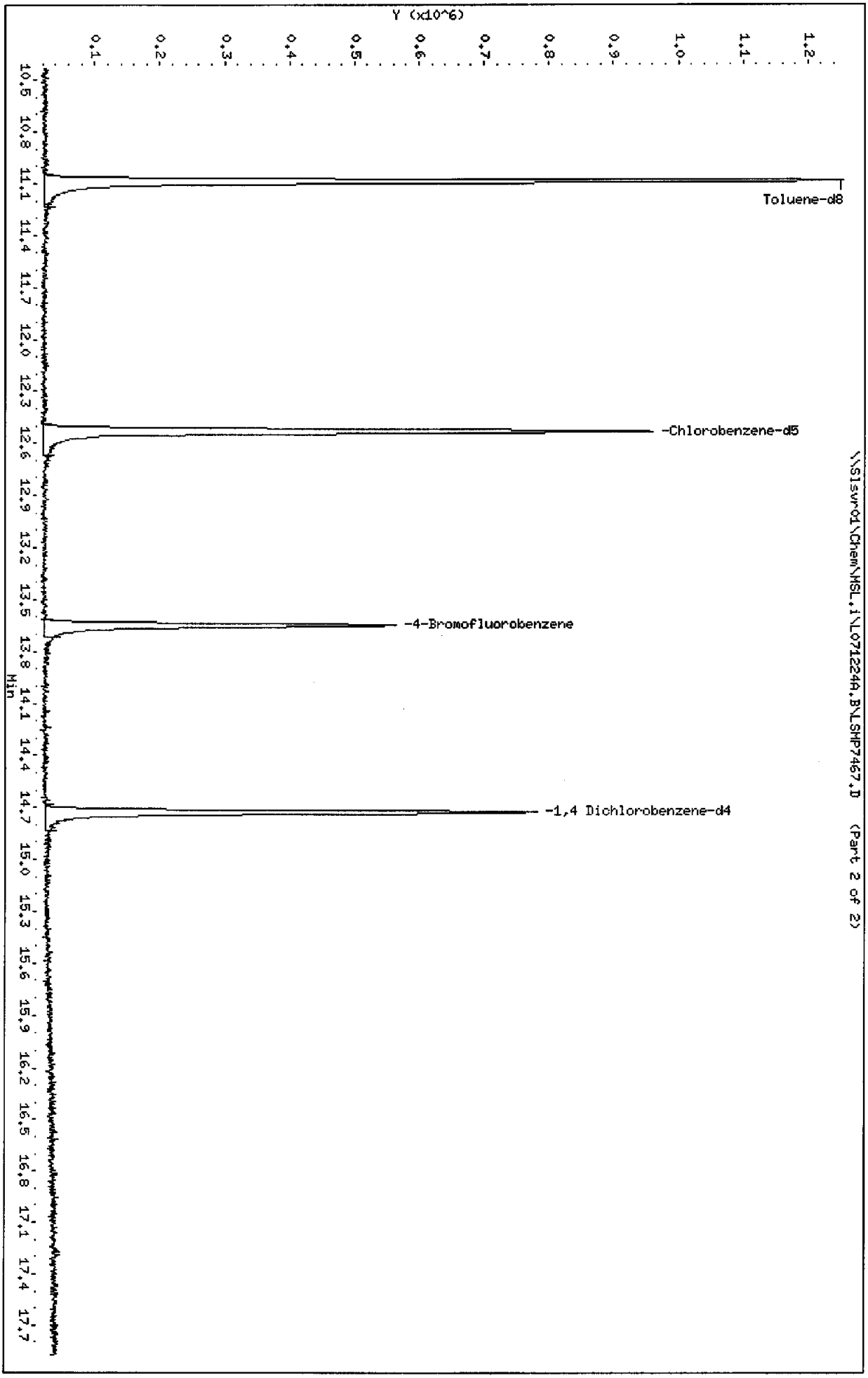
Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: EB-1
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	811570	-32.54
70 Chlorobenzene-d5	752404	376202	1504808	520843	-30.78
94 1,4 Dichlorobenze	317211	158606	634422	194050	-38.83

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7467.D
Date : 24-DEC-2007 17:38
Client ID: EB-1
Sample Info: KEE9Q2AC
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7467.D (Part 1 of 2)
Y (x10^6)
Min
-Chloromethane
-Bromomethane
-Dibromofluoromethane+
-1,2-Dichloroethane-d4
-Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7467.D
Date : 24-DEC-2007 17:38
Client ID: EB-1
Sample Info: KEE902AC
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8
-Chlorobenzene-d5
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4
\\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7467.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7467.D

Date : 24-DEC-2007 17:38

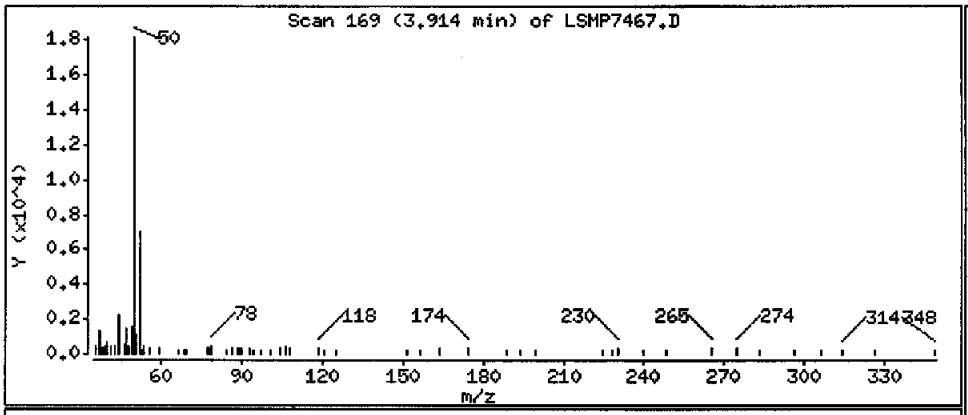
Client ID: EB-1 Instrument: MSL.i

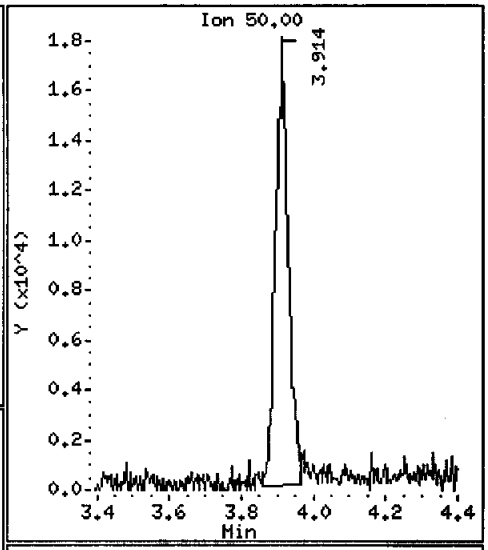
Sample Info: KEE9Q2AC

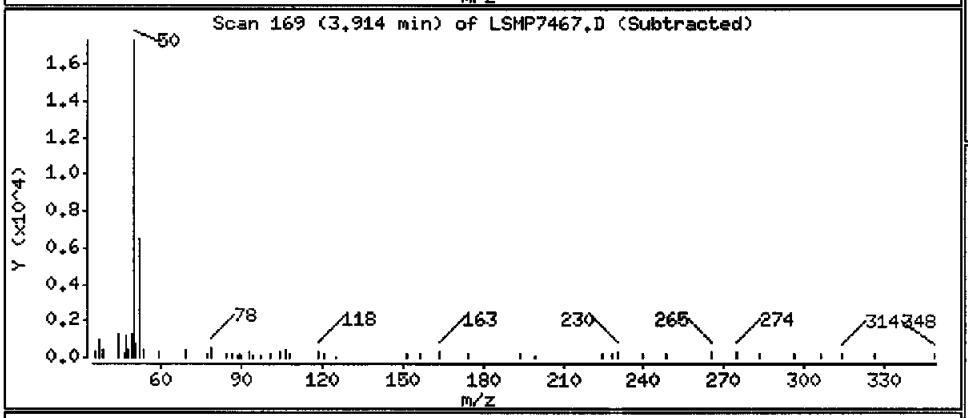
Purge Volume: 25.0 Operator: XIA

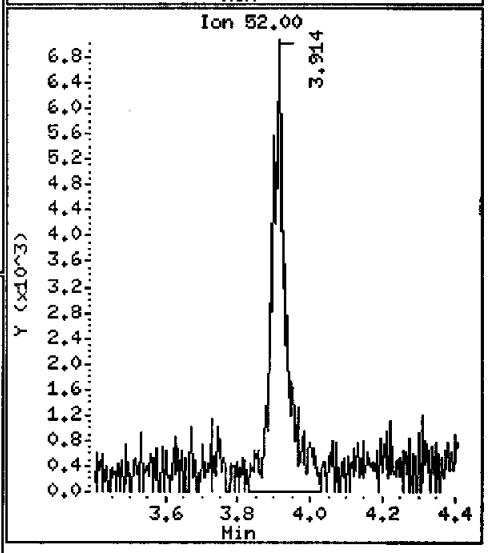
Column phase: RTX-502.2 Column diameter: 0.25

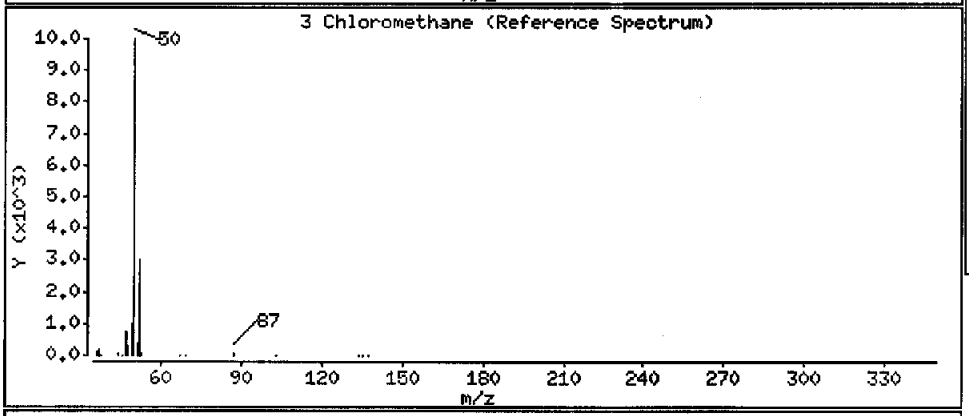
3 Chloromethane Concentration: 0.9236 ug/L

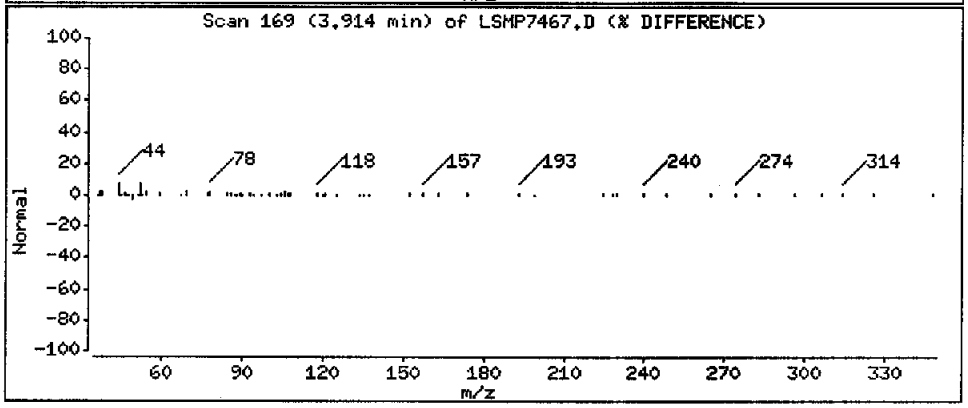












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7467.D

Date : 24-DEC-2007 17:38

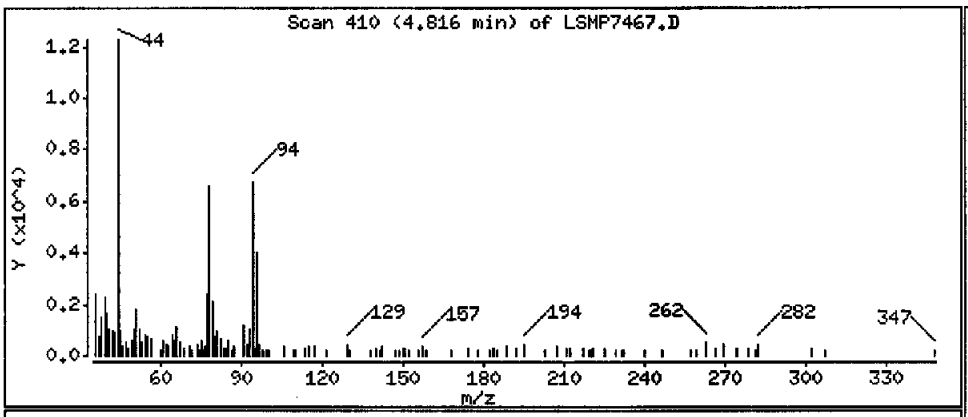
Client ID: EB-1 Instrument: MSL.i

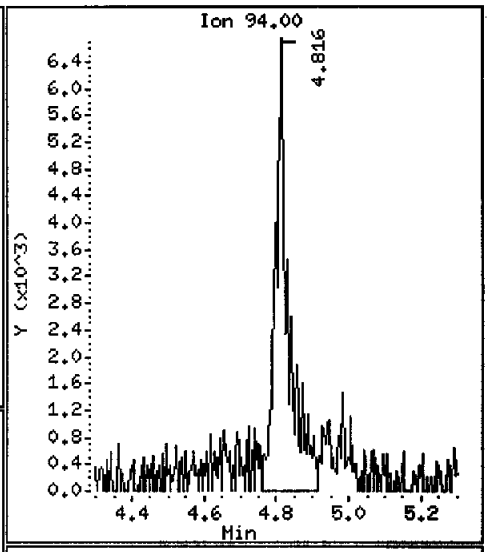
Sample Info: KEE9Q2AC

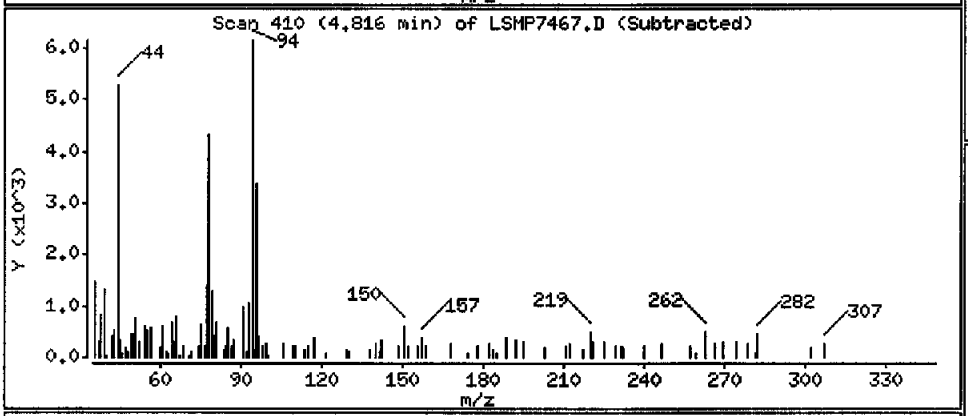
Purge Volume: 25.0 Operator: XIA

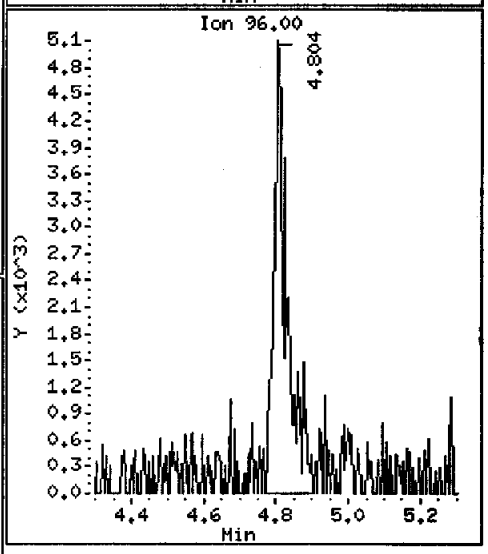
Column phase: RTX-502.2 Column diameter: 0.25

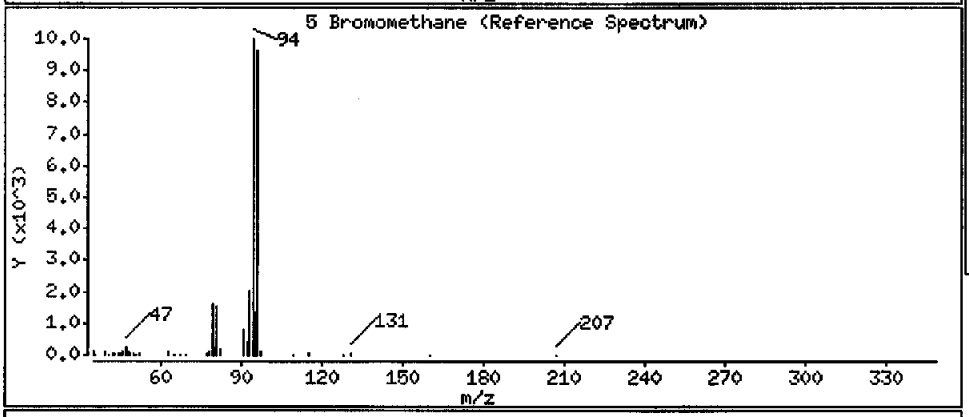
5 Bromomethane Concentration: 0.6706 ug/L

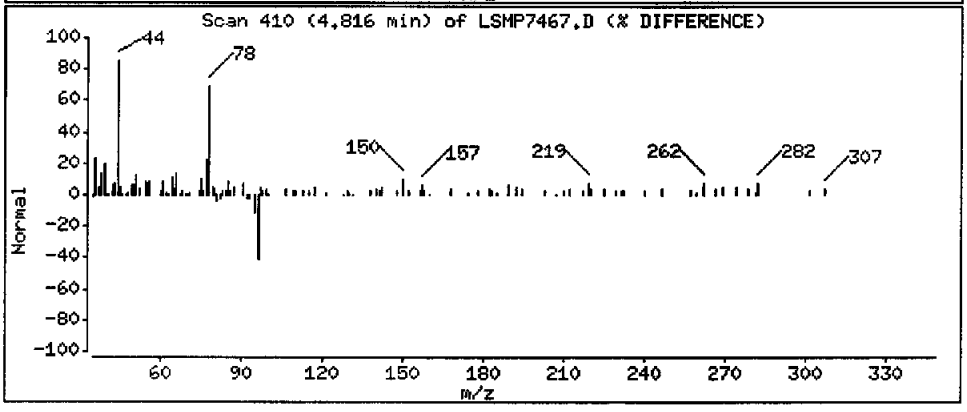












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7467.D

Date : 24-DEC-2007 17:38

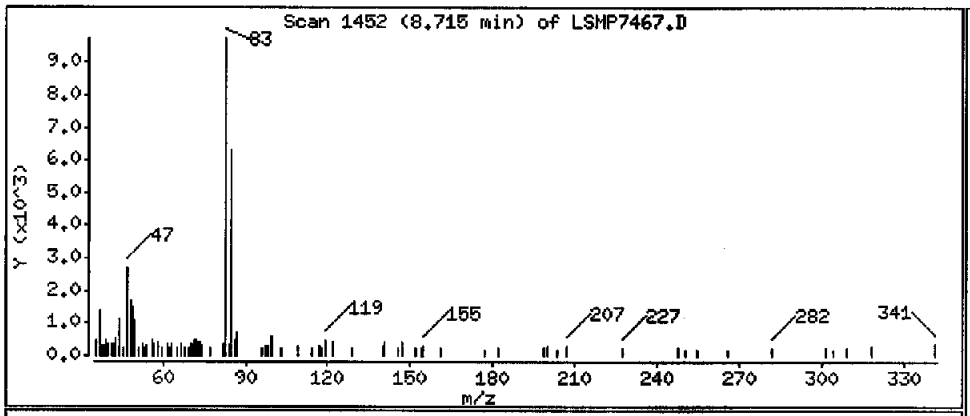
Client ID: EB-1 Instrument: MSL.i

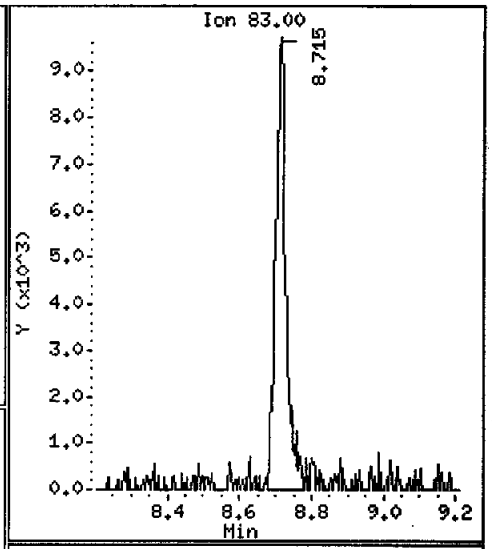
Sample Info: KEE9Q2AC

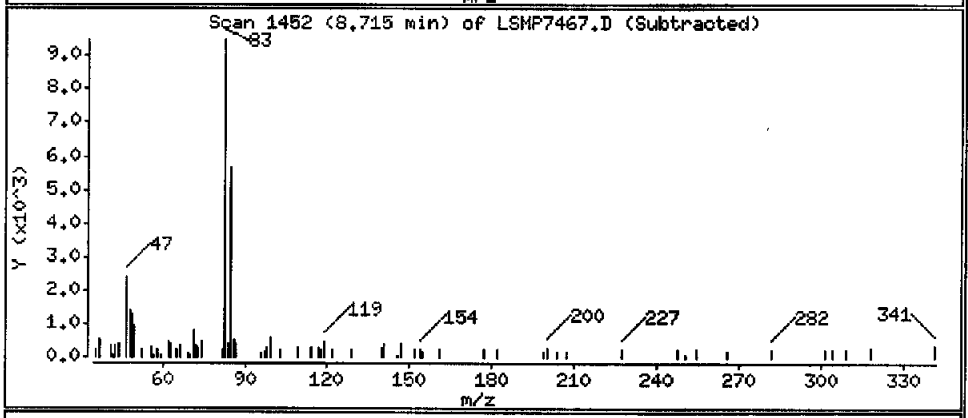
Purge Volume: 25.0 Operator: XIA

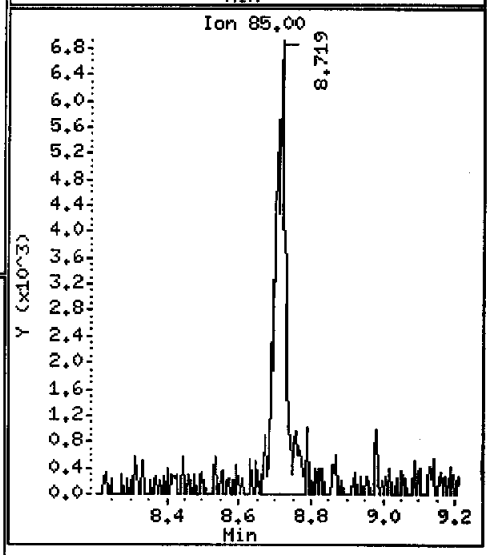
Column phase: RTX-502.2 Column diameter: 0.25

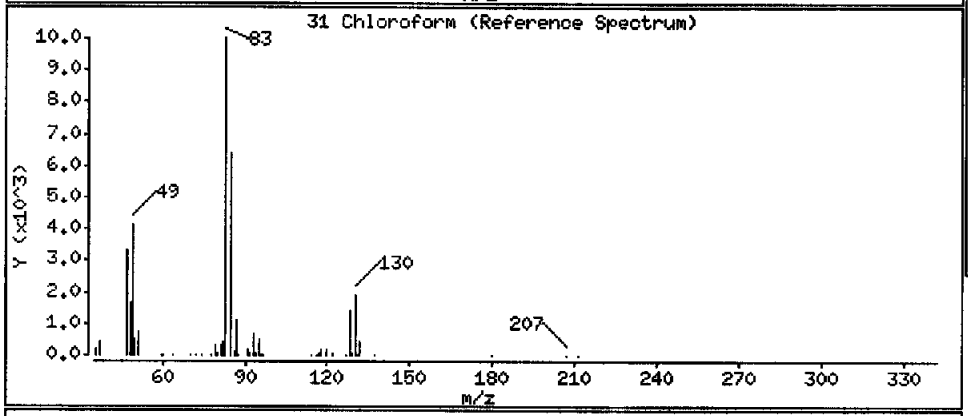
31 Chloroform Concentration: 0.5840 ug/L

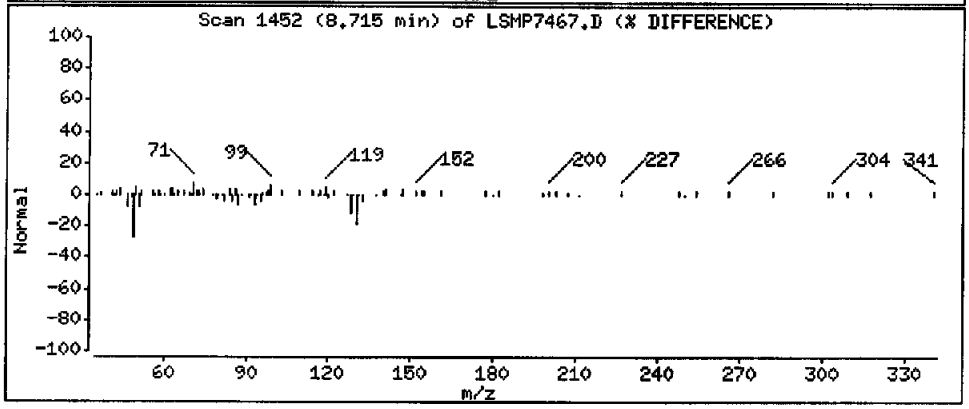






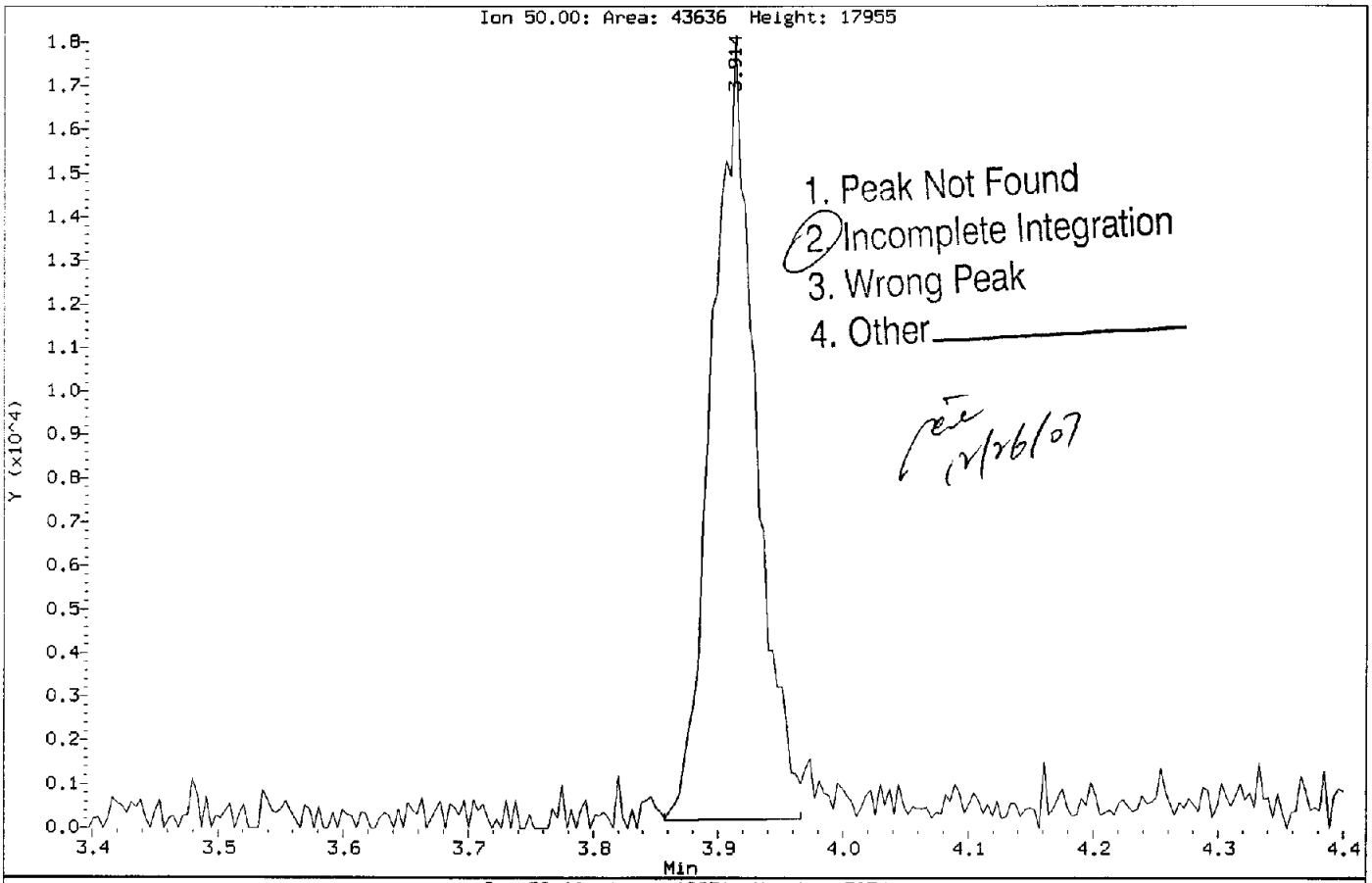


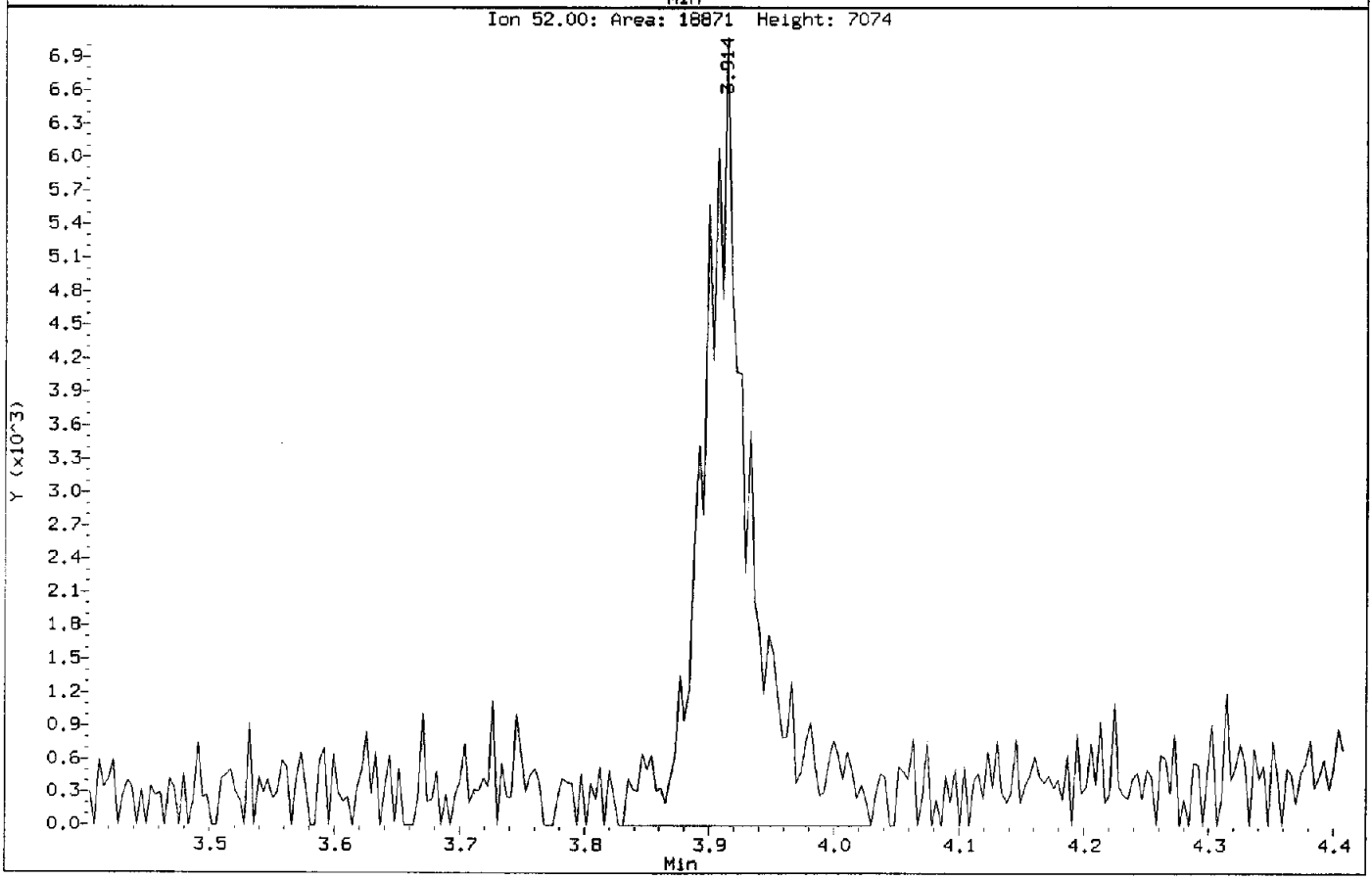




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7467.D
Injection Date: 24-DEC-2007 17:38
Instrument: MSL.i
Client Sample ID: F7L190135-001

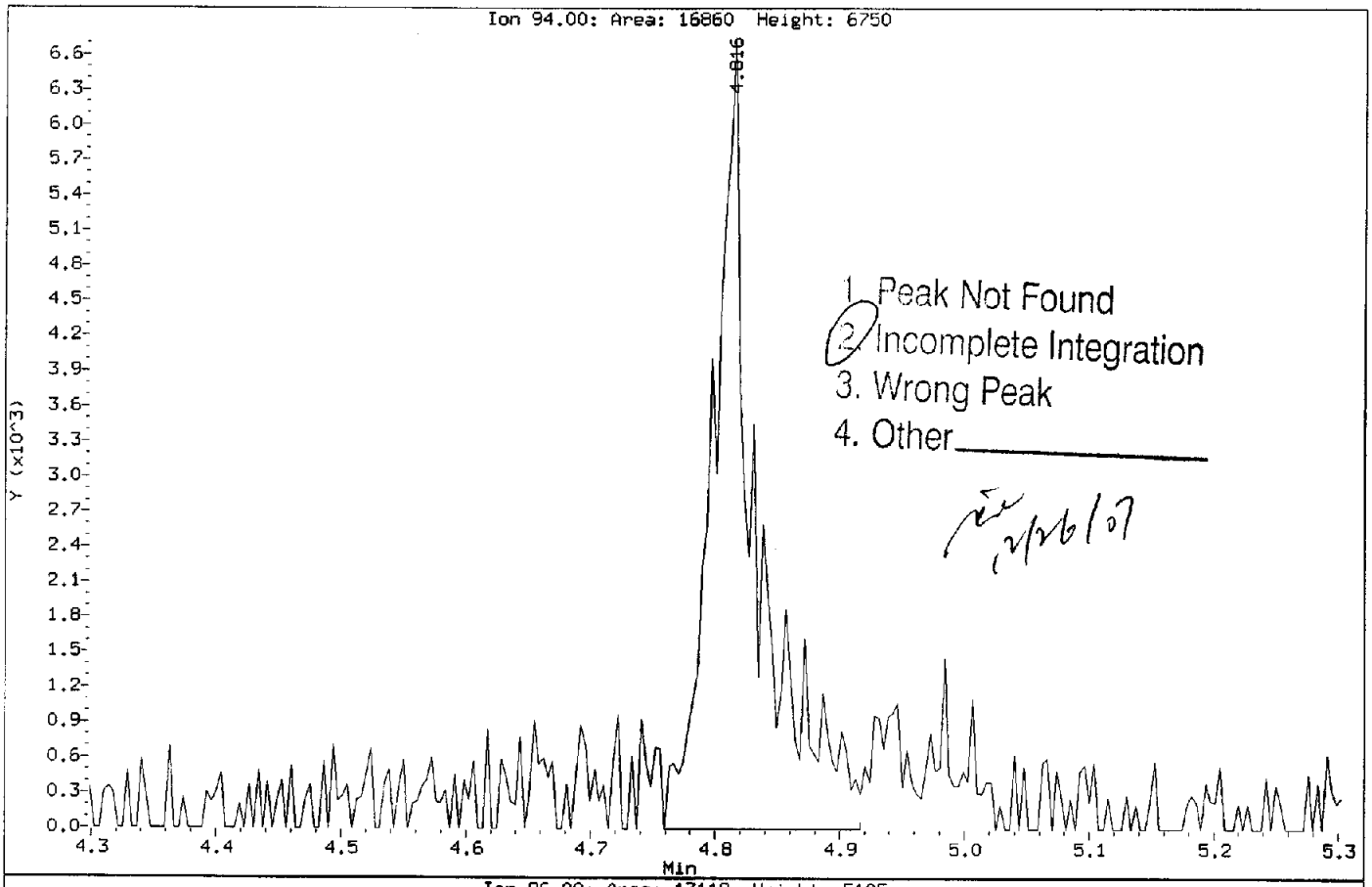
Compound: Chloromethane
CAS Number: 74-87-3

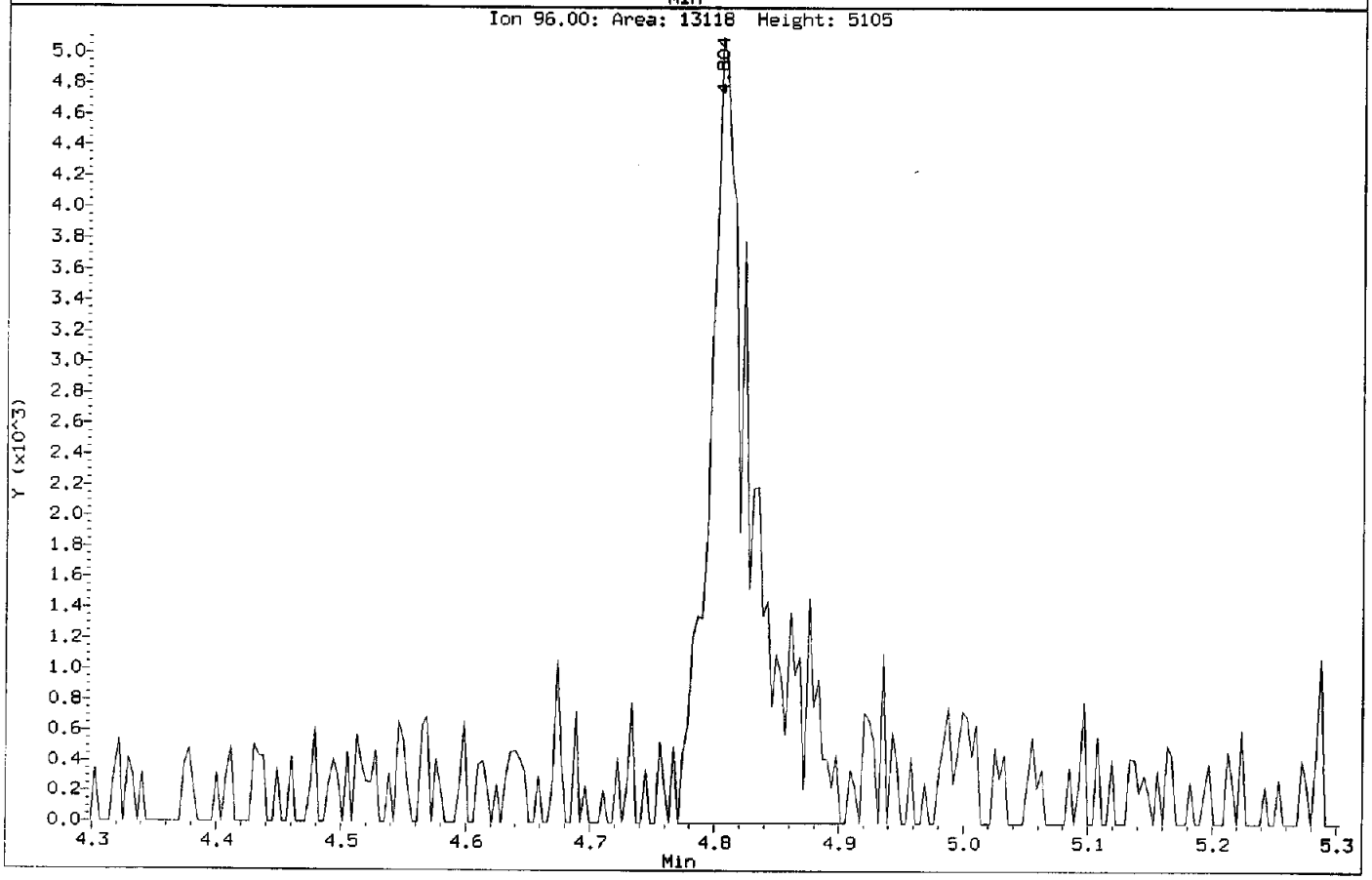




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7467.D
Injection Date: 24-DEC-2007 17:38
Instrument: MSL.i
Client Sample ID: F7L190135-001

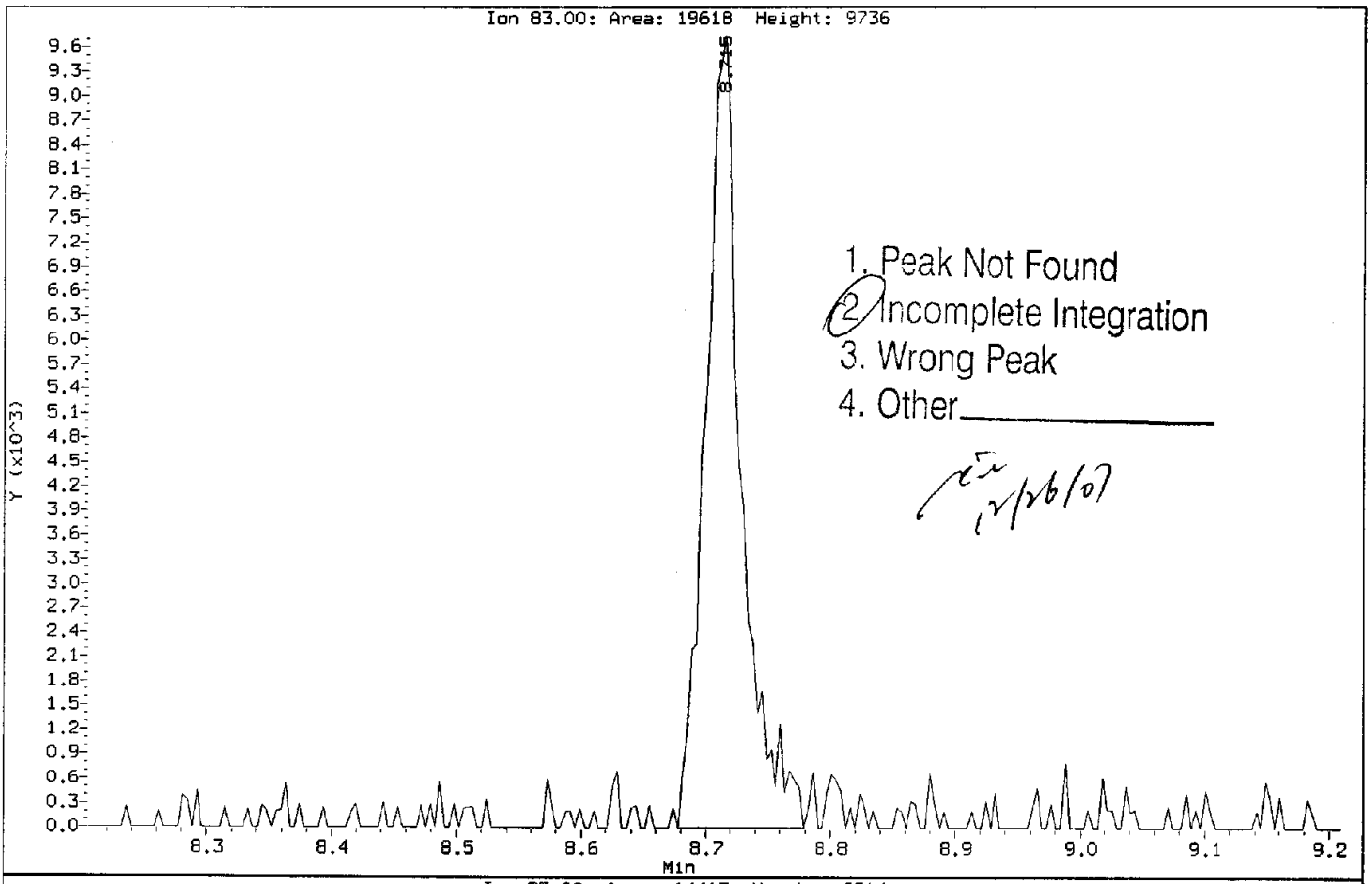
Compound: Bromomethane
CAS Number: 74-83-9

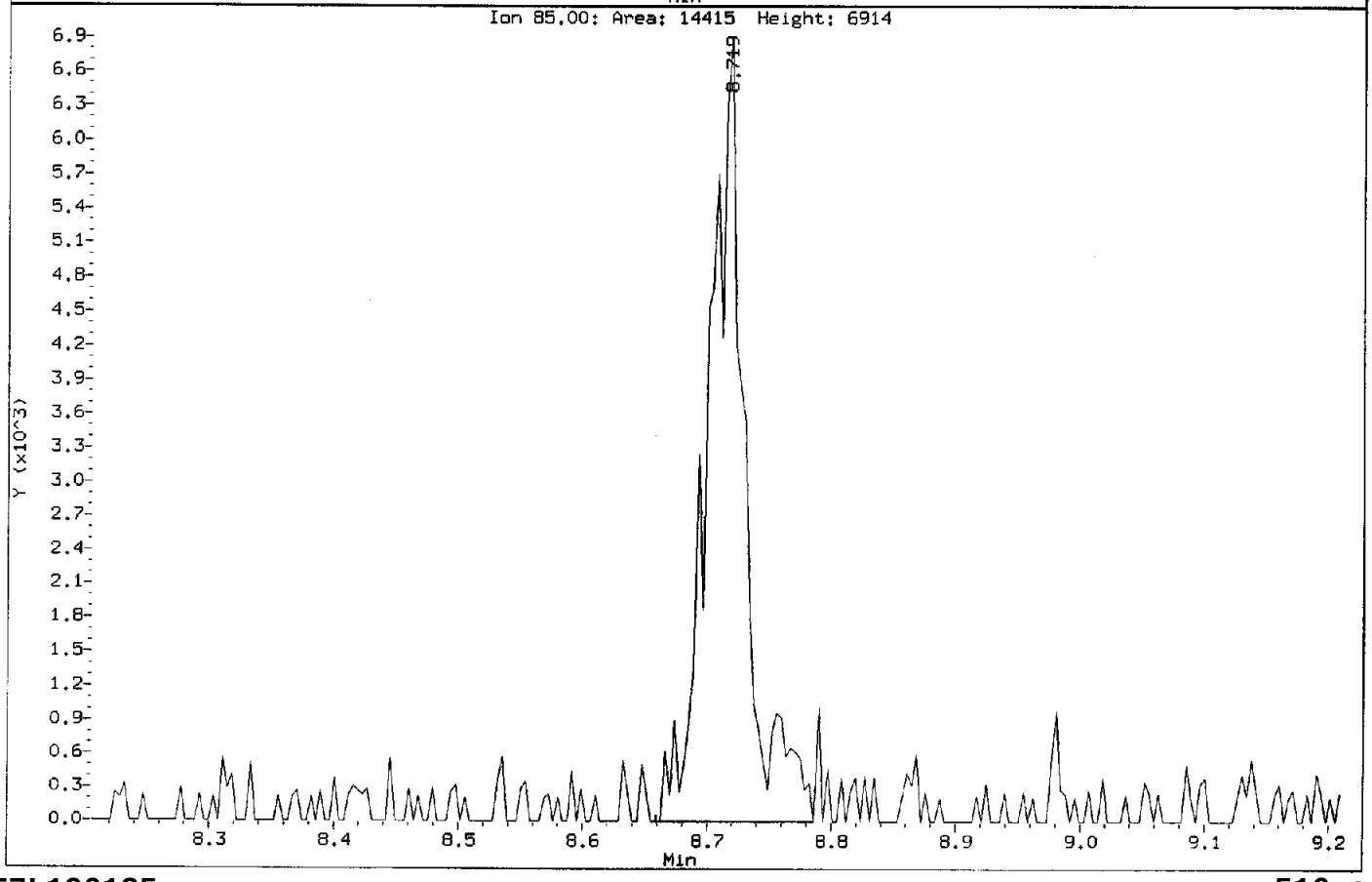




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7467.D
Injection Date: 24-DEC-2007 17:38
Instrument: MSL.i
Client Sample ID: F7L190135-001

Compound: Chloroform
CAS Number: 67-66-3





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7467.D
Report Date: 31-Dec-2007 12:43

TestAmerica St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7467.D
Lab Smp Id: KEE9Q2AC Client Smp ID: EB-1
Inj Date : 24-DEC-2007 17:38
Operator : XIA Inst ID: MSL.i
Smp Info : KEE9Q2AC
Misc Info : VBLKL358A;F7L190135-001;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D
Report Date: 27-Dec-2007 13:01

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D
Lab Smp Id: KEE9T1AA Client Smp ID: M-126
Inj Date : 21-DEC-2007 20:24
Operator : XIA Inst ID: MSL.i
Smp Info : KEE9T1AA
Misc Info : VBLKL355A;F7L190135-002;7358096;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Meth Date : 27-Dec-2007 12:26 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	3 Chloromethane	50	3.910	3.902	(0.404)	22161	0.42624	0.4262(M)
	8 Diethyl ether	59	5.796	5.796	(0.599)	140495	18.6893	18.69
	15 Methylene Chloride	84	6.971	6.963	(0.720)	248137	12.4838	12.48
	24 1,1-Dichloroethane	63	7.876	7.873	(0.814)	178176	3.94700	3.947
	31 Chloroform	83	8.681	8.707	(0.897)	51752028	1399.89	1400(A)
$	36 Dibromofluoromethane	113	8.909	8.906	(0.921)	153562	11.5973	11.60
	40 Benzene	78	9.317	9.313	(0.963)	12955823	125.381	125.4(A)
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	114971	11.0413	11.04
	44 1,2-Dichloroethane	62	9.515	9.512	(0.983)	60934	4.39178	4.392
*	45 Fluorobenzene	96	9.676	9.673	(1.000)	893144	10.0000	
	47 Methylcyclohexane	55	9.815	9.815	(1.014)	24458	0.65224	0.6522(M)
	51 Bromodichloromethane	83	10.395	10.388	(1.074)	66090	3.51695	3.517(M)
$	57 Toluene-d8	98	11.087	11.084	(0.885)	849717	7.28375	7.284(R)
	62 Tetrachloroethene	164	11.529	11.521	(0.920)	28847	1.12752	1.128
*	70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	780242	10.0000	
	71 Chlorobenzene	112	12.543	12.547	(1.001)	15529180	185.573	185.6(A)
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.926)	212185	3.52688	3.527(aR)
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	2100874	18.6355	18.64
*	94 1,4 Dichlorobenzene-d4	152	14.732	14.725	(1.000)	612239	10.0000	
	95 1,4-Dichlorobenzene	146	14.732	14.743	(1.000)	24120127	216.965	217.0(A)
	98 1,2-Dichlorobenzene	146	15.155	15.166	(1.029)	20815573	249.576	249.6(A)

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D
Report Date: 27-Dec-2007 13:01

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D
Report Date: 27-Dec-2007 13:01

STL St. Louis

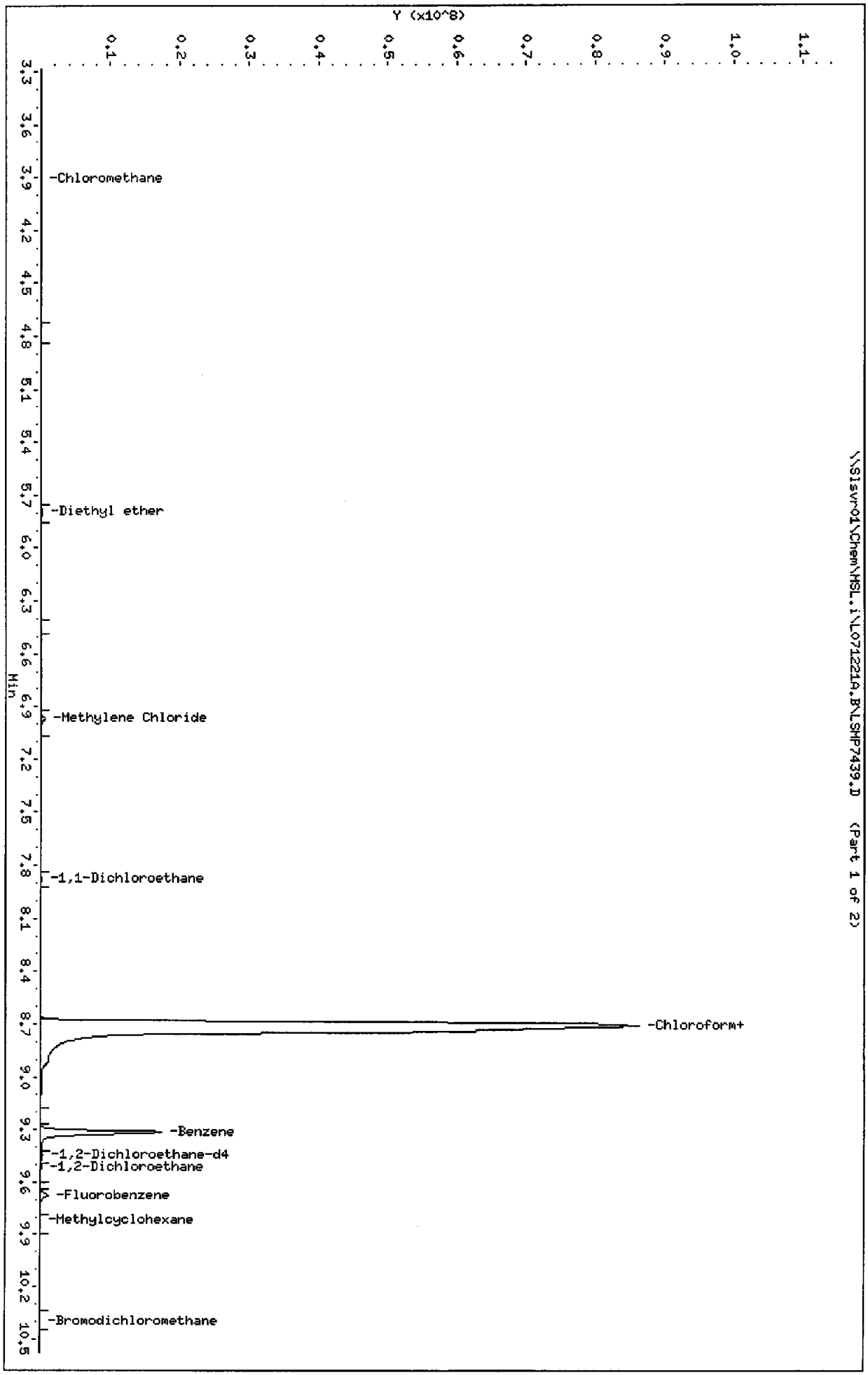
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

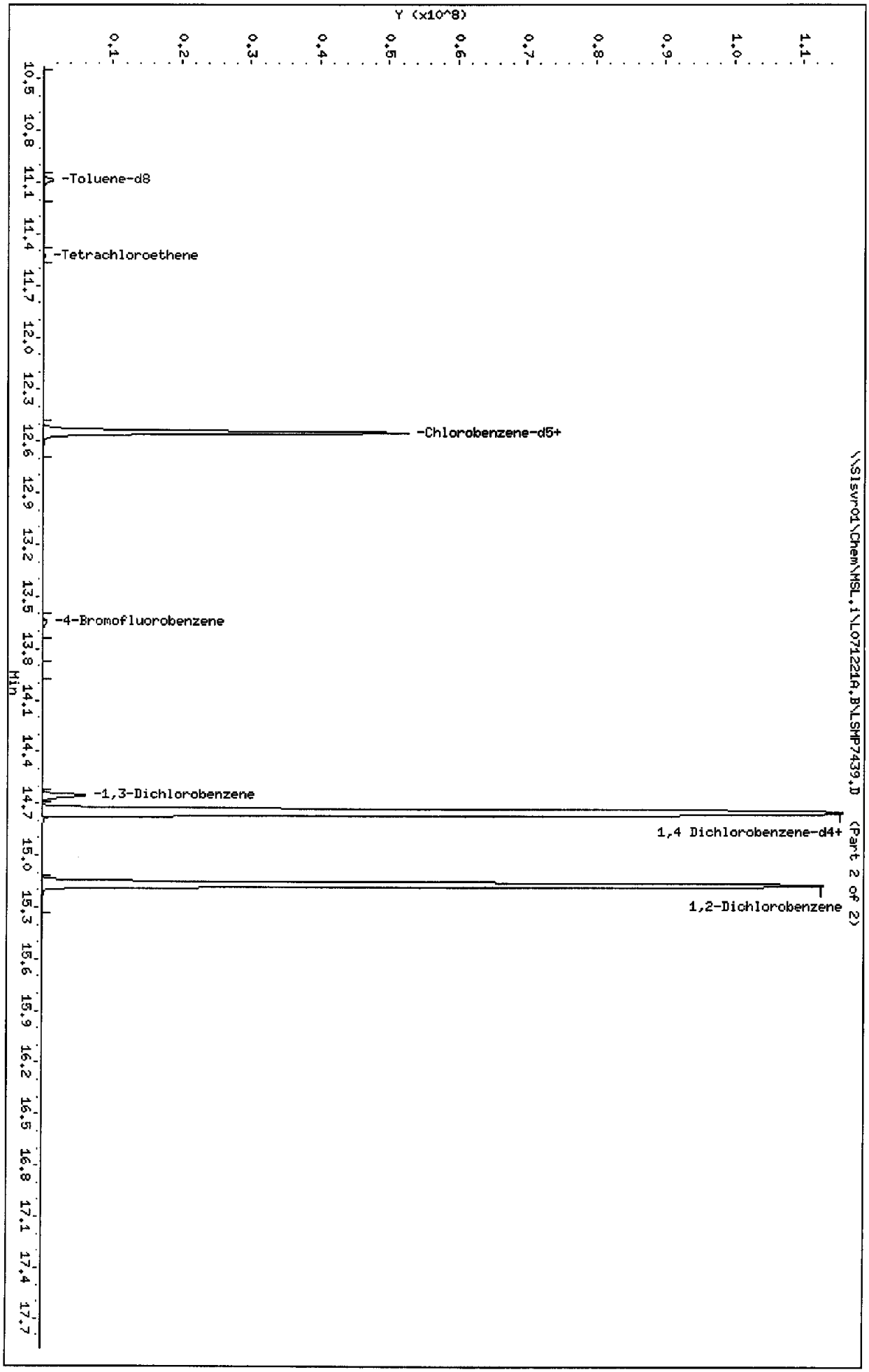
Instrument ID: MSL.i
Lab File ID: LSMP7439.D
Lab Smp Id: KEE9T1AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 21-DEC-2007
Calibration Time: 13:05
Client Smp ID: M-126
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Misc Info: VBLKL355A;F7L190135-002;7358096;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1399217	699609	2798434	893144	-36.17
70 Chlorobenzene-d5	802936	401468	1605872	780242	-2.83
94 1,4 Dichlorobenze	308619	154310	617238	612239	98.38

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.68	0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSHP7439.D
Date : 21-DEC-2007 20:24
Client ID: M-126
Sample Info: KEE9T1AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071221A.B\LSHP7439.D (Part 1 of 2)
Y (x10^8)
Min
-Chloromethane
-Diethyl ether
-Methylene Chloride
-1,1-Dichloroethane
-Chloroform+
-Benzene
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Bromodichloromethane


Data File: \\Slsvr01\Chem\MSL,i\L071221A,B\LSMP7439,D
Date : 21-DEC-2007 20:24
Client ID: M-126
Sample Info: KEE9T1AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL,i
Operator: XIA
Column diameter: 0.25
Y (x10^8)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
10.5
10.8
11.1
11.4
11.7
12.0
12.3
12.6
12.9
13.2
13.5
13.8
14.1
14.4
14.7
15.0
15.3
15.6
15.9
16.2
16.5
16.8
17.1
17.4
17.7
Min
-Toluene-d8
-Tetrachloroethene
-Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,3-Dichlorobenzene
1,4 Dichlorobenzene-d4+
1,2-Dichlorobenzene
\\Slsvr01\Chem\MSL,i\L071221A,B\LSMP7439,D (Part 2 of 2)

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

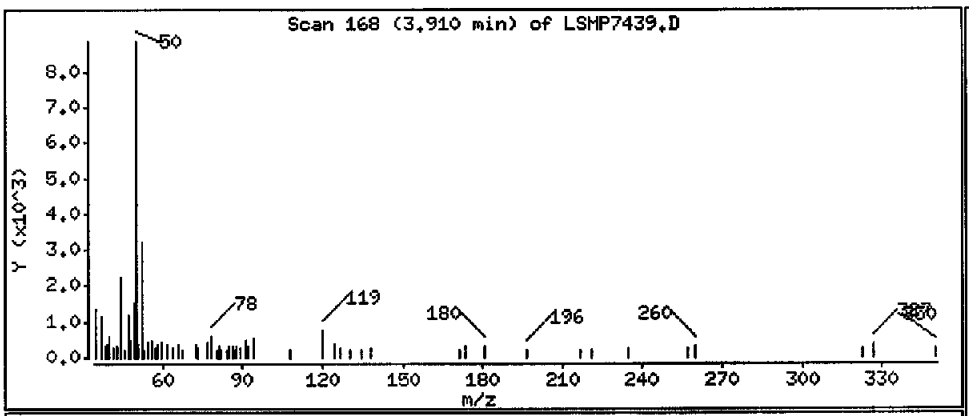
Client ID: M-126 Instrument: MSL.i

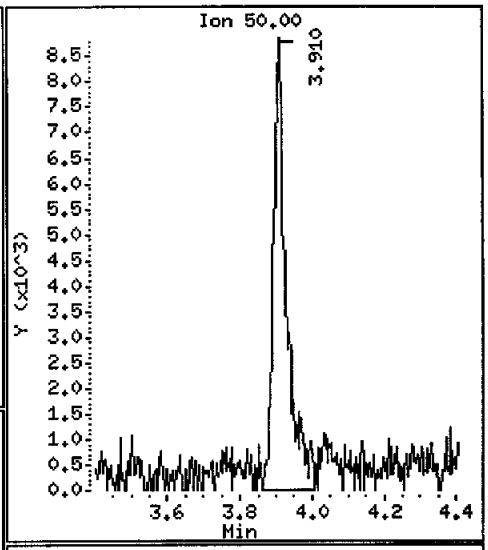
Sample Info: KEE9T1AA

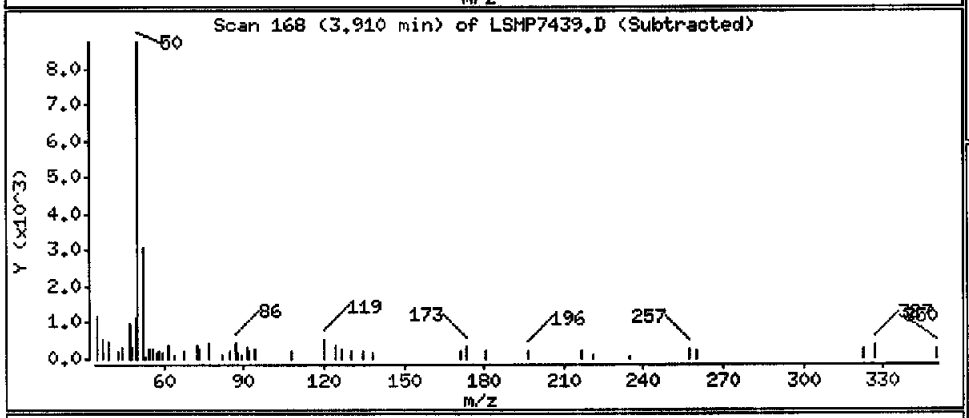
Purge Volume: 25.0 Operator: XIA

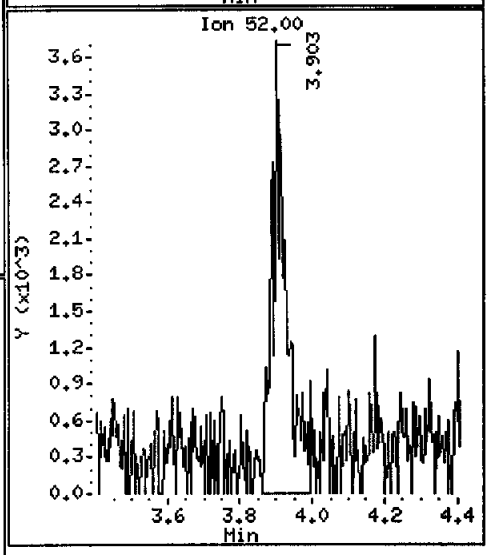
Column phase: RTX-502.2 Column diameter: 0.25

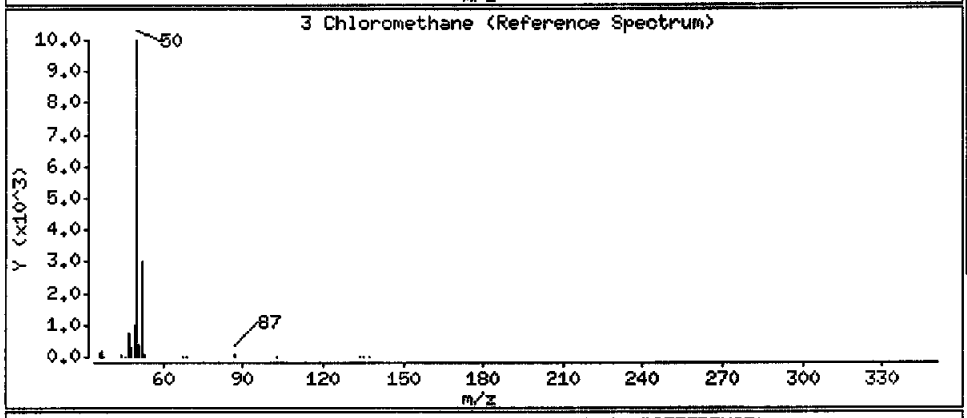
3 Chloromethane Concentration: 0.4262 ug/L

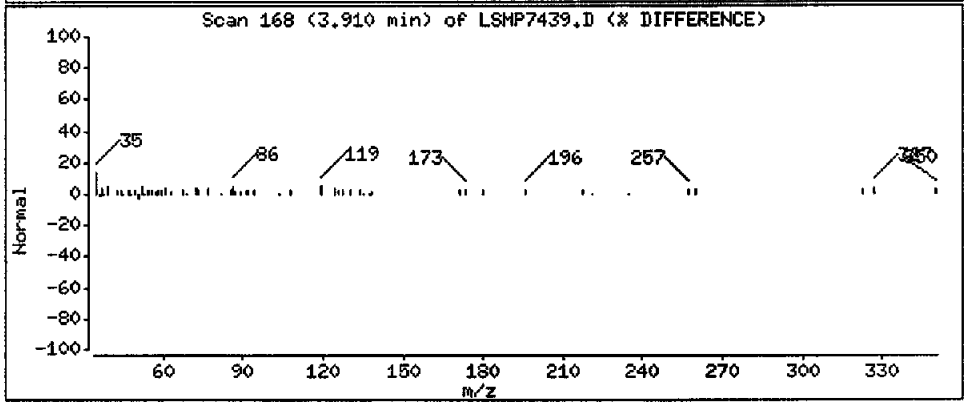












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

Client ID: M-126

Instrument: MSL.i

Sample Info: KEE9T1AA

Purge Volume: 25.0

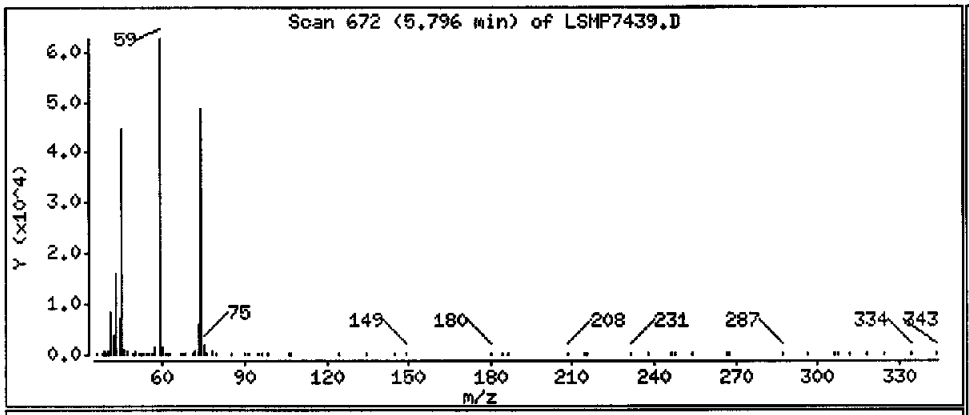
Operator: XIA

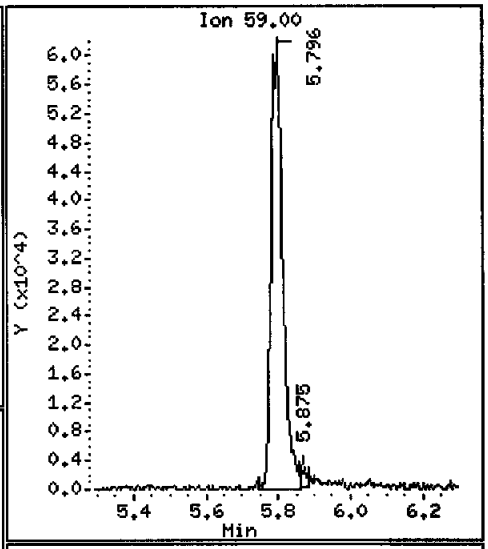
Column phase: RTX-502.2

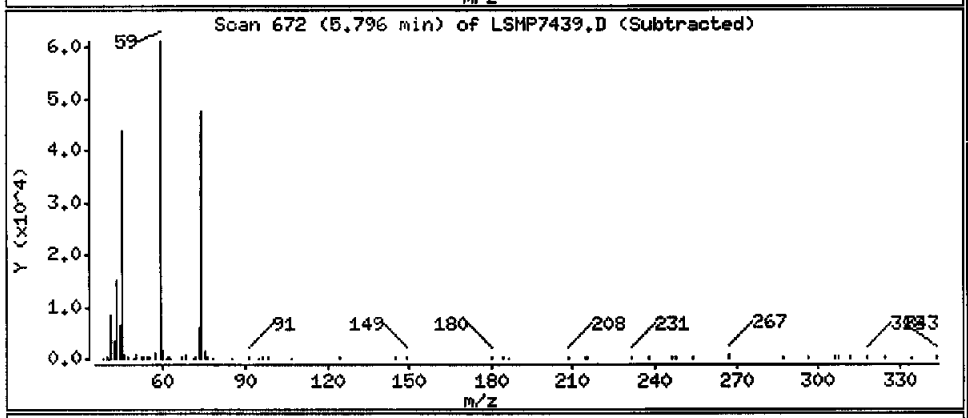
Column diameter: 0.25

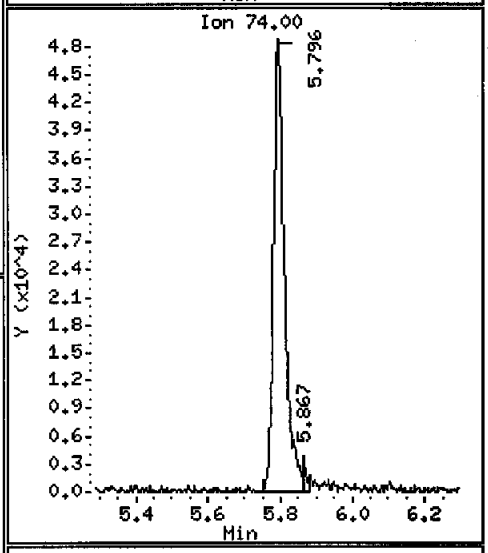
8 Diethyl ether

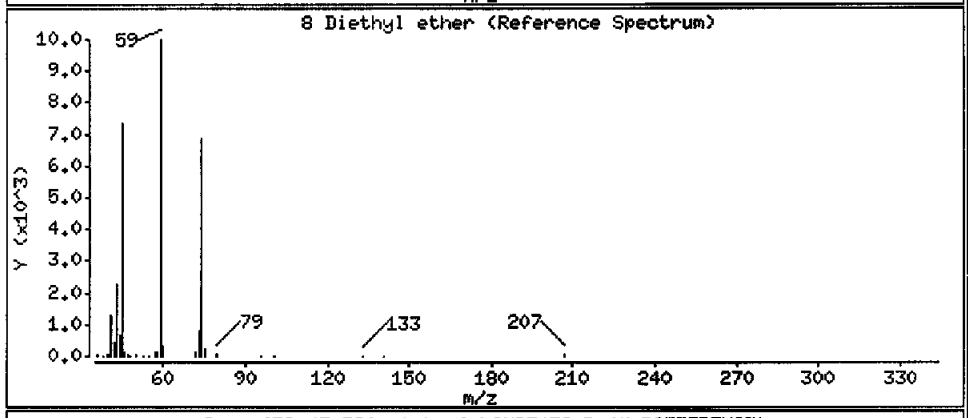
Concentration: 18.69 ug/L

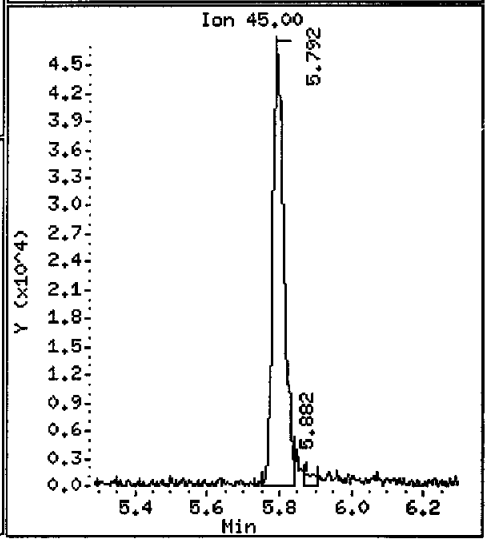


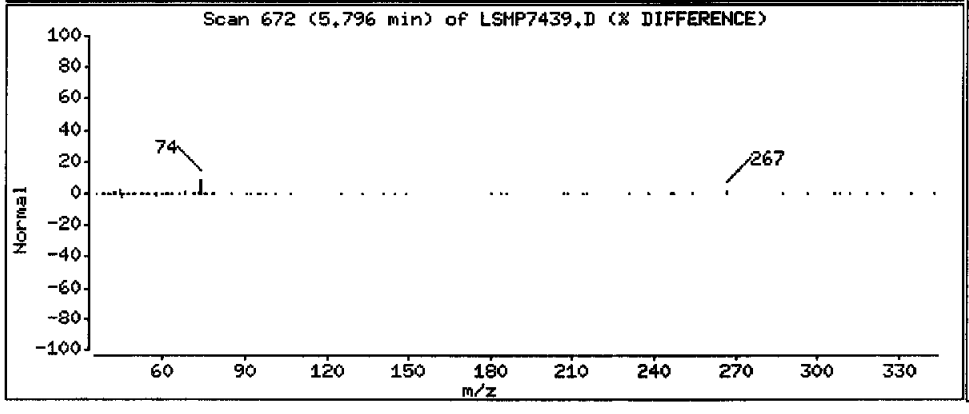












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

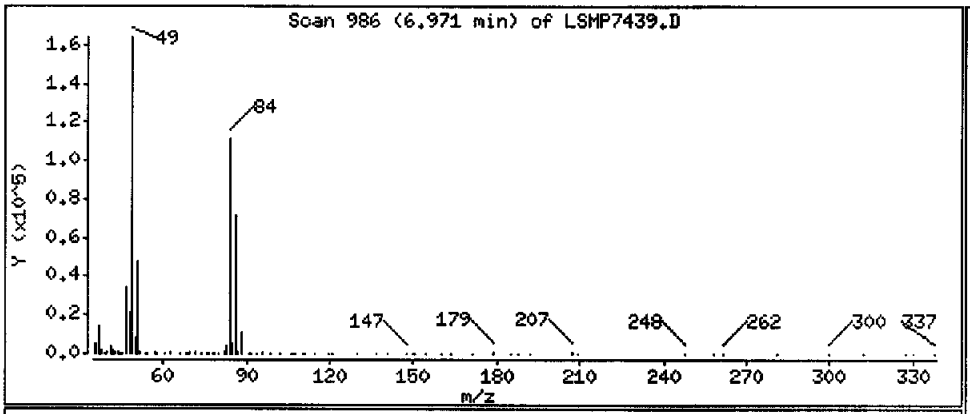
Client ID: M-126 Instrument: MSL.i

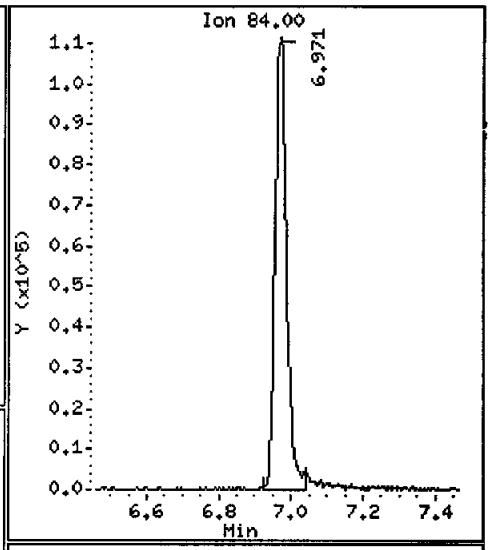
Sample Info: KEE9T1AA

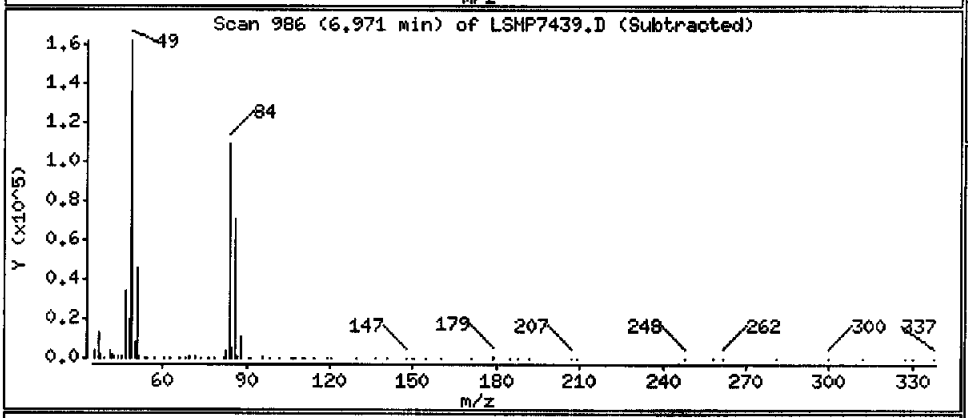
Purge Volume: 25.0 Operator: XIA

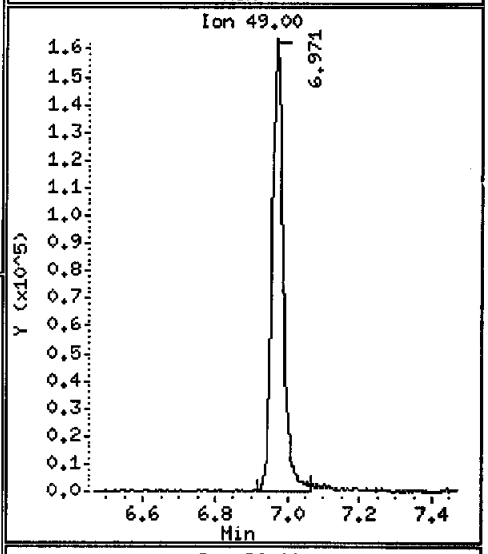
Column phase: RTX-502.2 Column diameter: 0.25

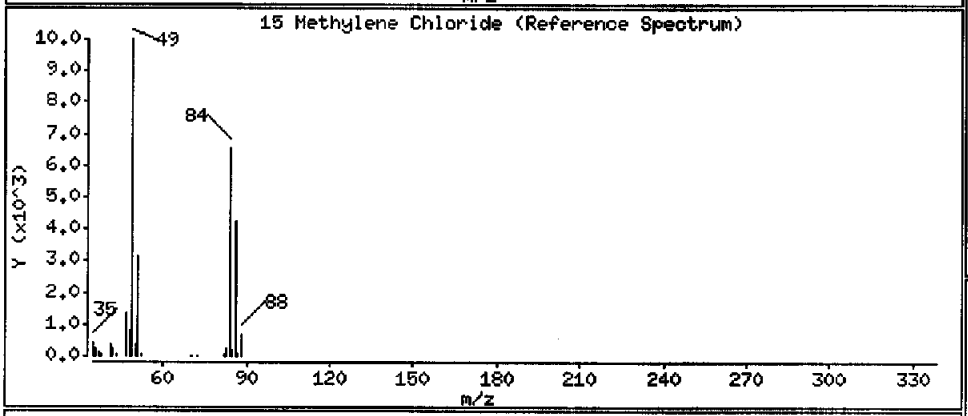
15 Methylene Chloride Concentration: 12.48 ug/L

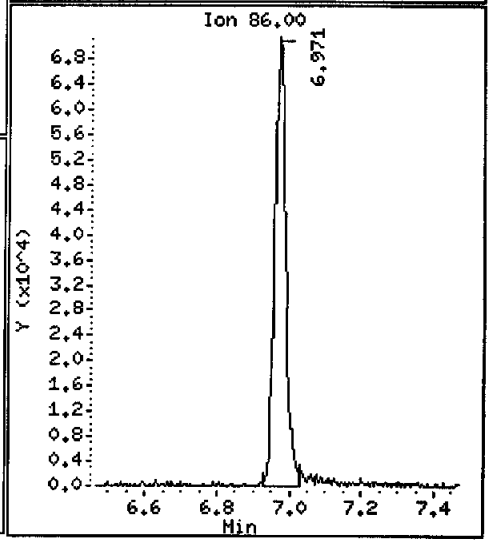


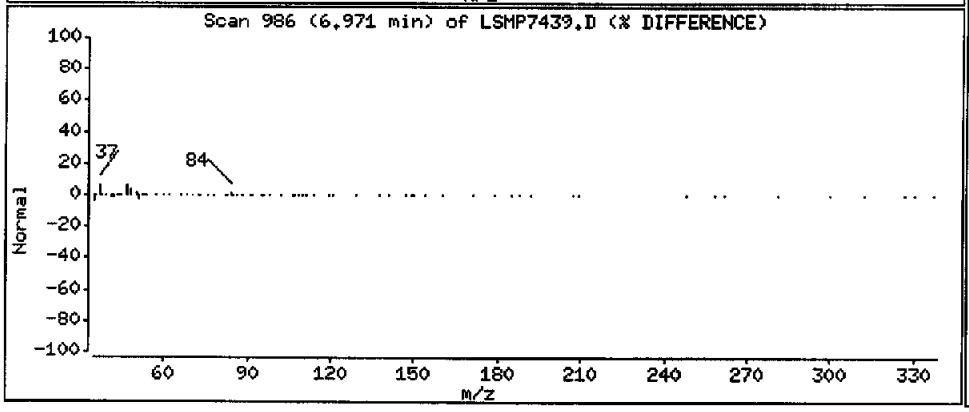












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

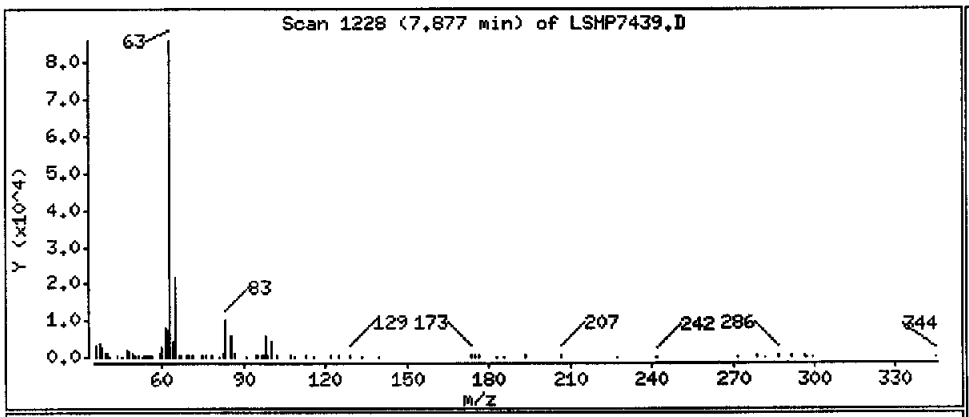
Client ID: M-126 Instrument: MSL.i

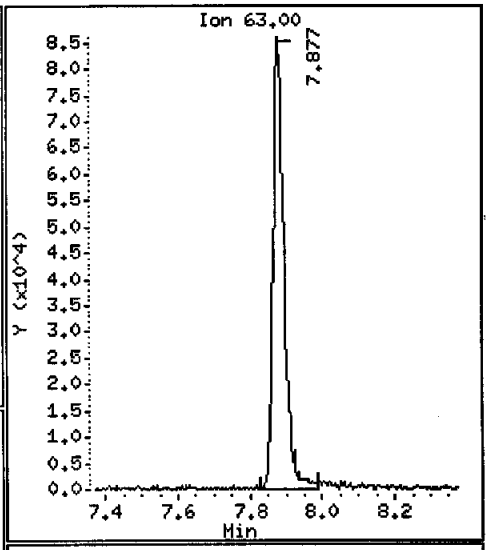
Sample Info: KEE9T1AA

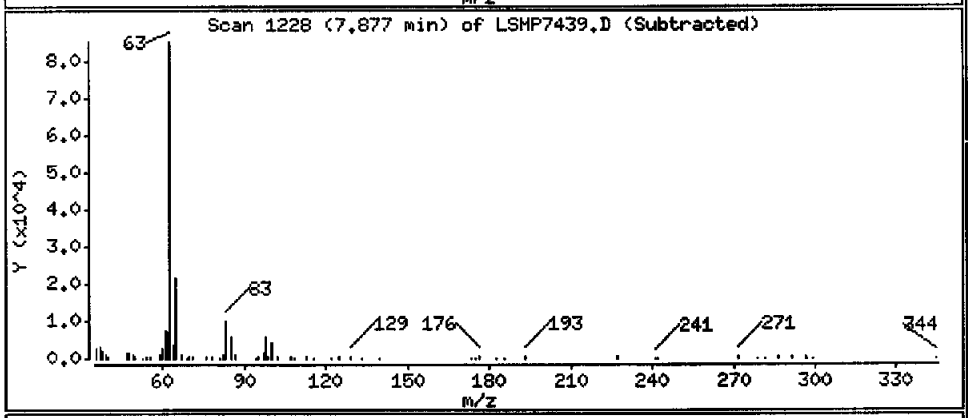
Purge Volume: 25.0 Operator: XIA

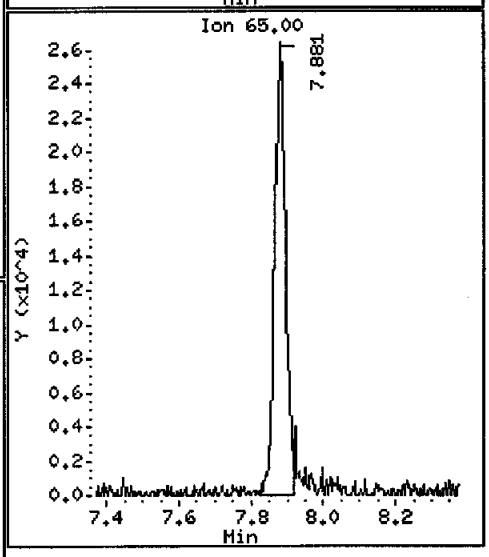
Column phase: RTX-502.2 Column diameter: 0.25

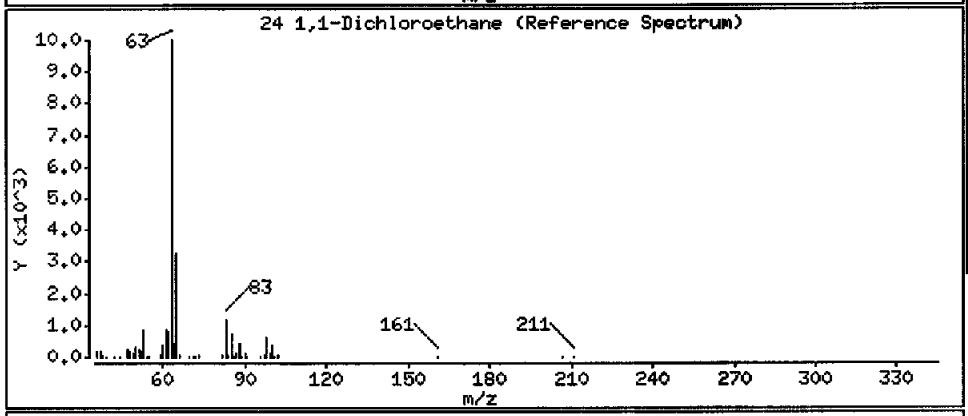
24 1,1-Dichloroethane Concentration: 3.947 ug/L

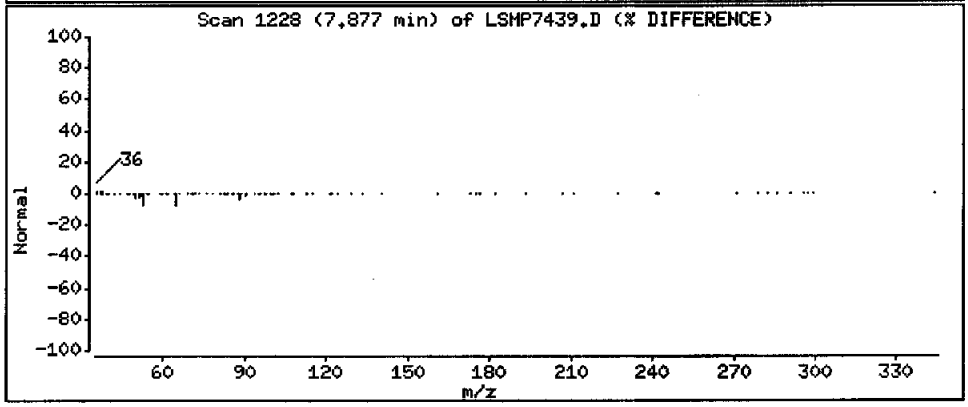












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

Client ID: M-126

Instrument: MSL.i

Sample Info: KEE9T1AA

Purge Volume: 25.0

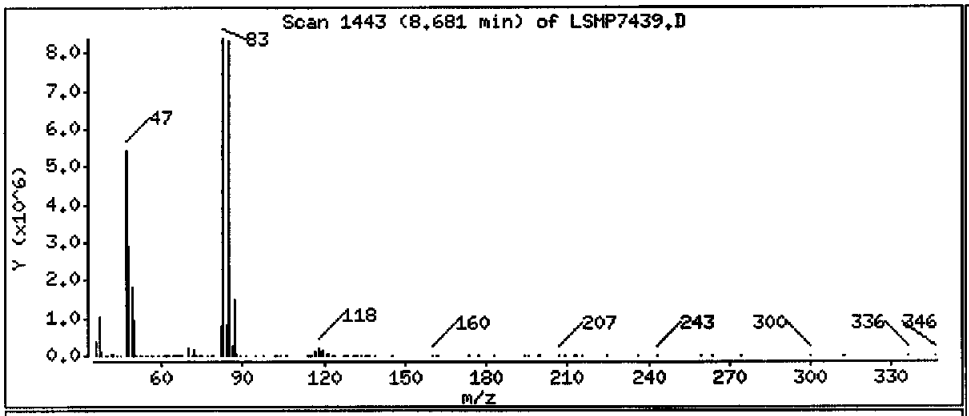
Operator: XIA

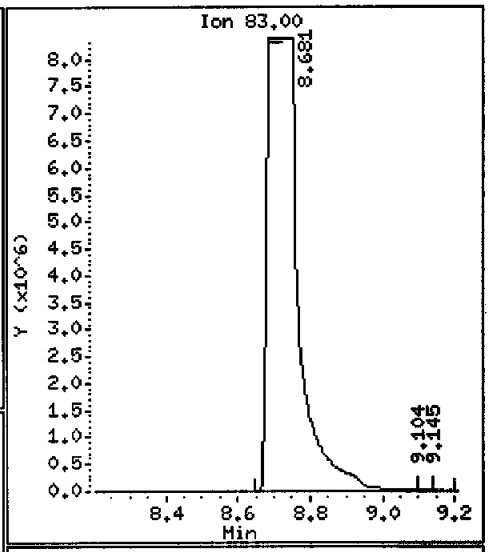
Column phase: RTX-502.2

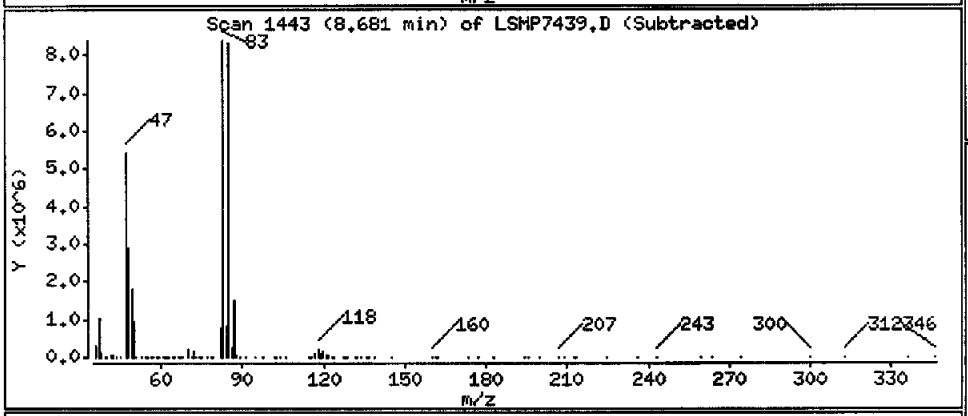
Column diameter: 0.25

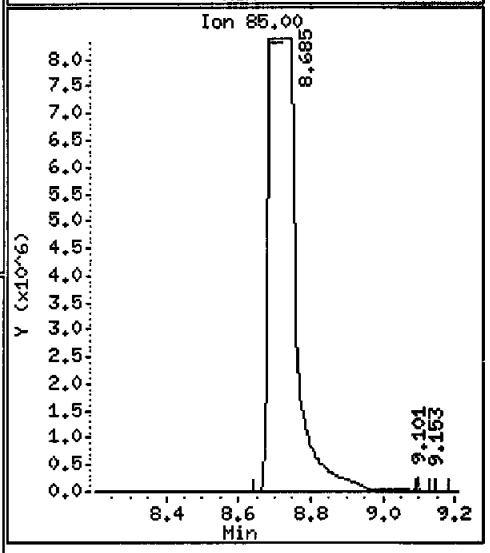
31 Chloroform

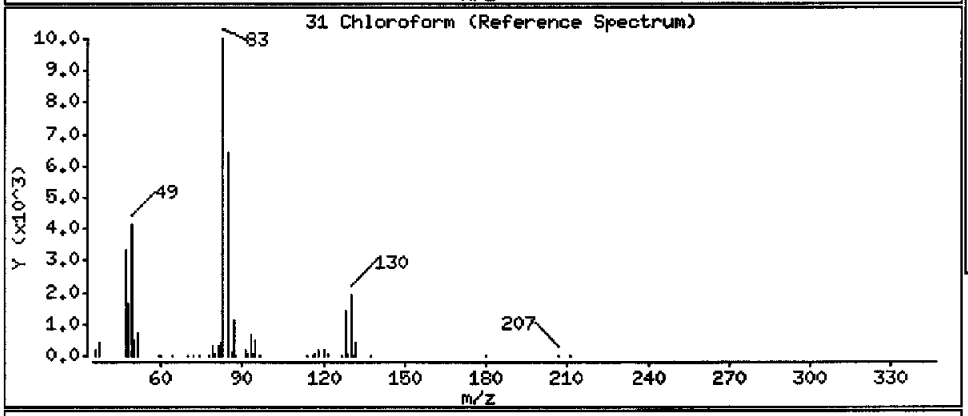
Concentration: 1400 ug/L

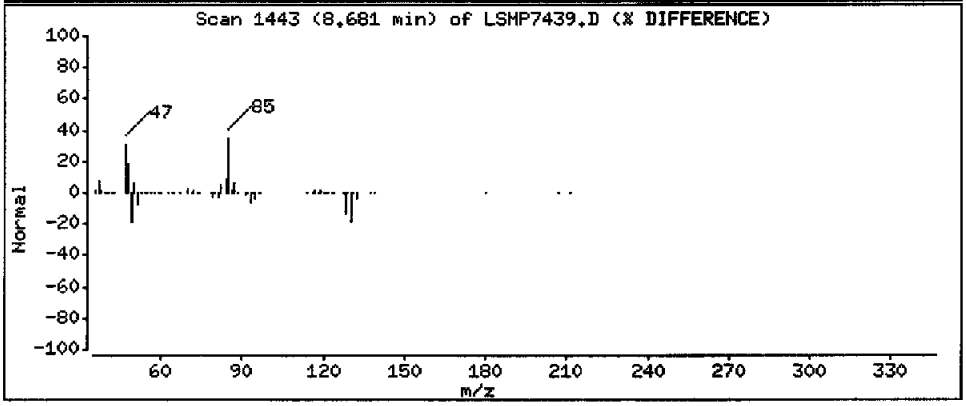












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

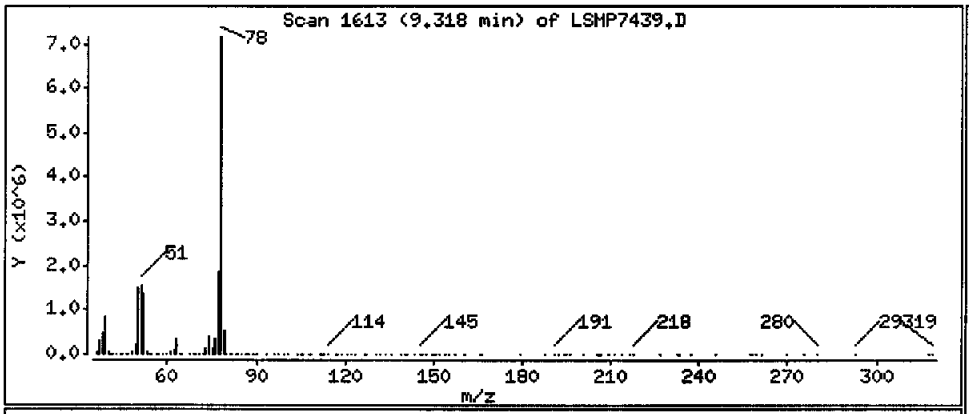
Client ID: M-126 Instrument: MSL.i

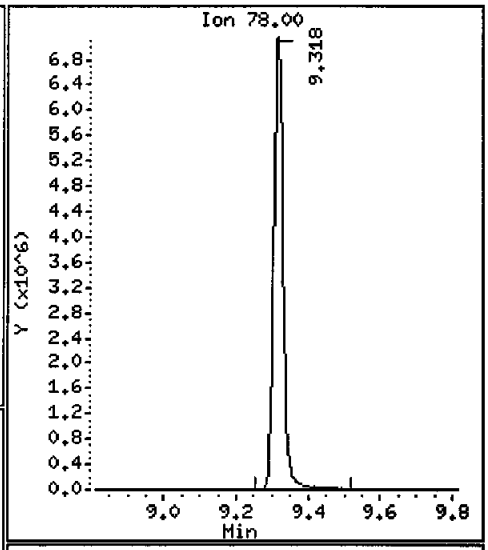
Sample Info: KEE9T1AA

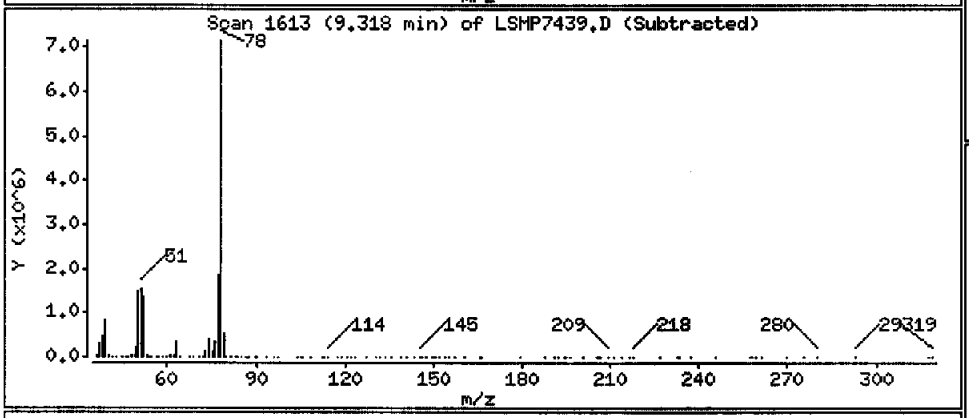
Purge Volume: 25.0 Operator: XIA

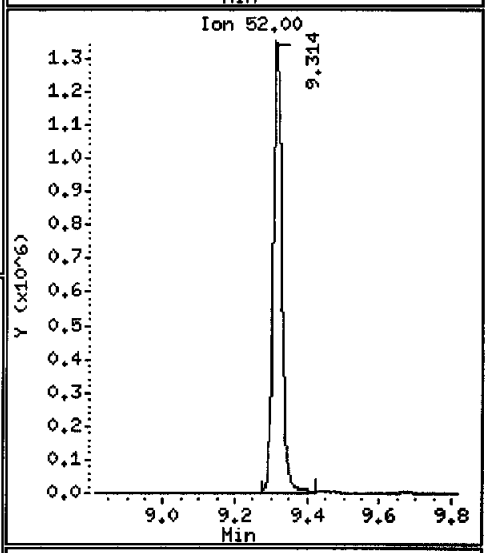
Column phase: RTX-502.2 Column diameter: 0.25

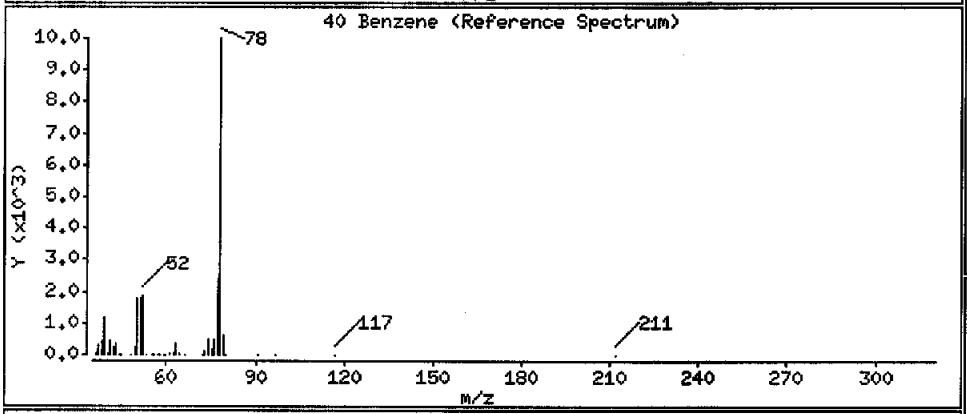
40 Benzene Concentration: 125.4 ug/L

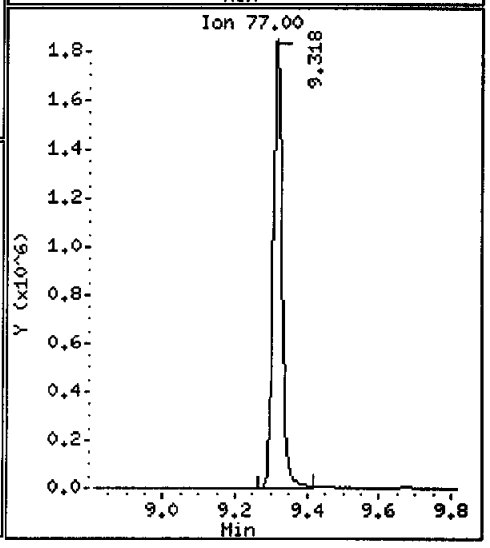


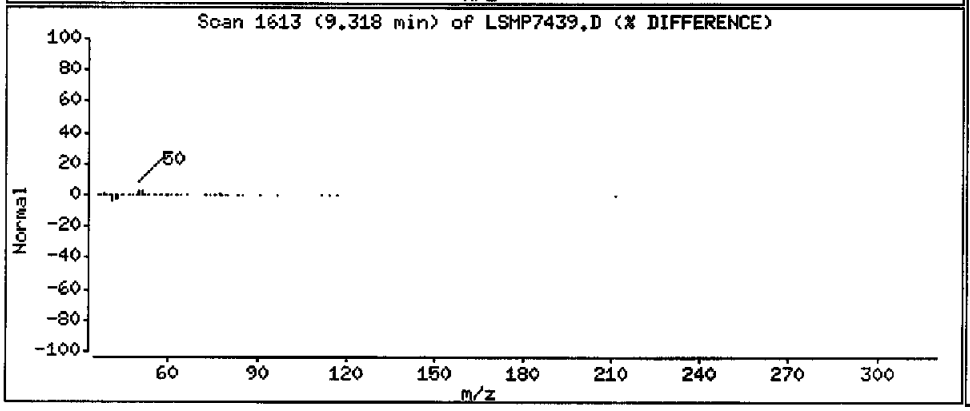












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

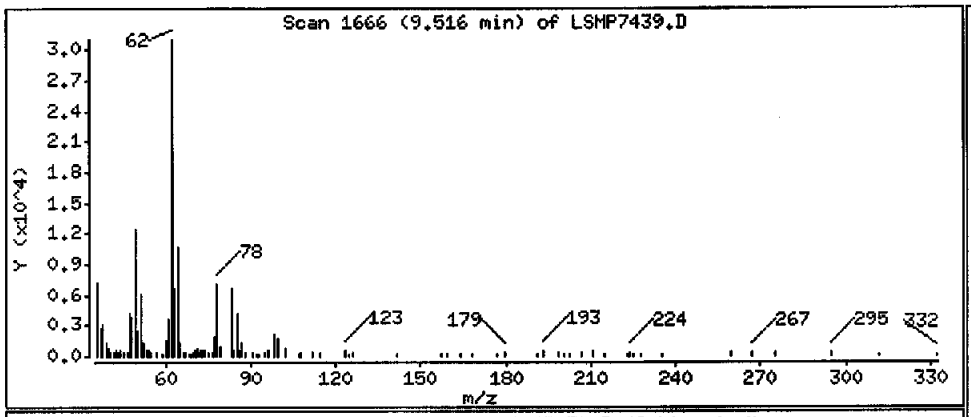
Client ID: M-126 Instrument: MSL.i

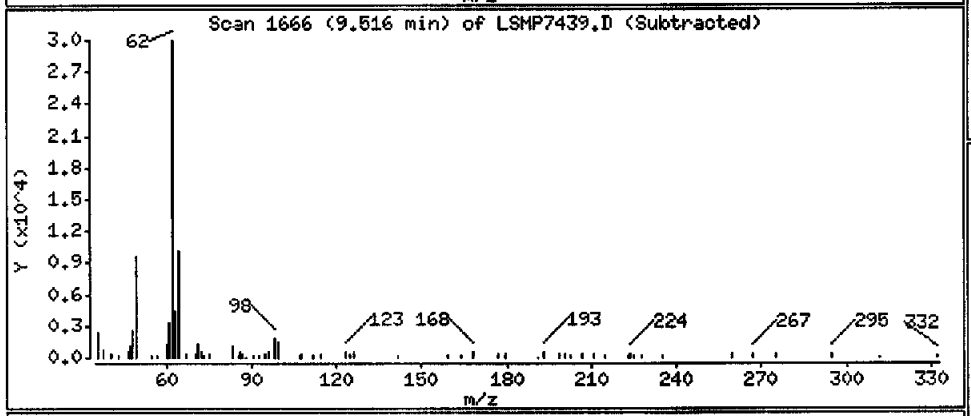
Sample Info: KEE9T1AA

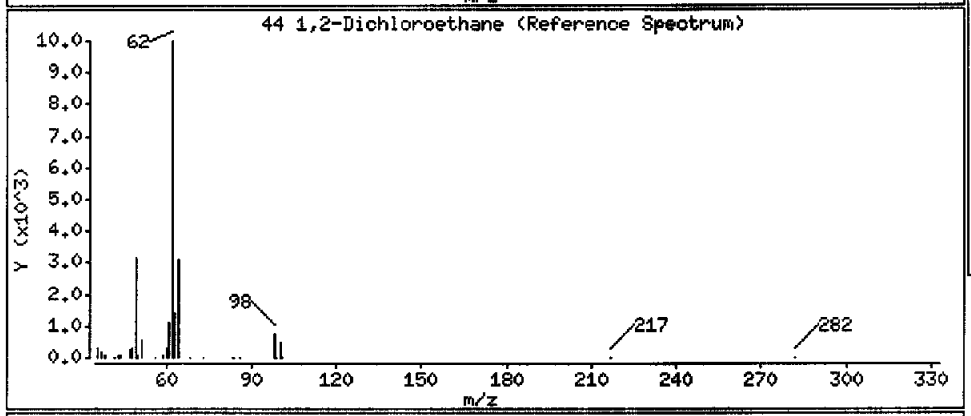
Purge Volume: 25.0 Operator: XIA

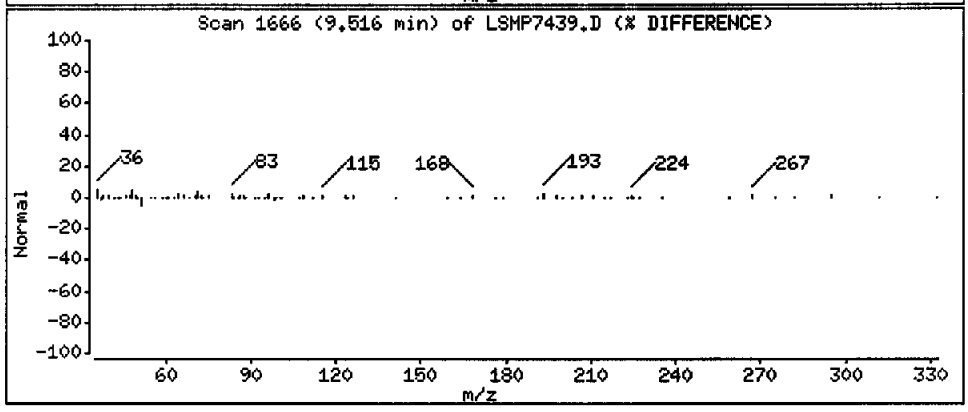
Column phase: RTX-502.2 Column diameter: 0.25

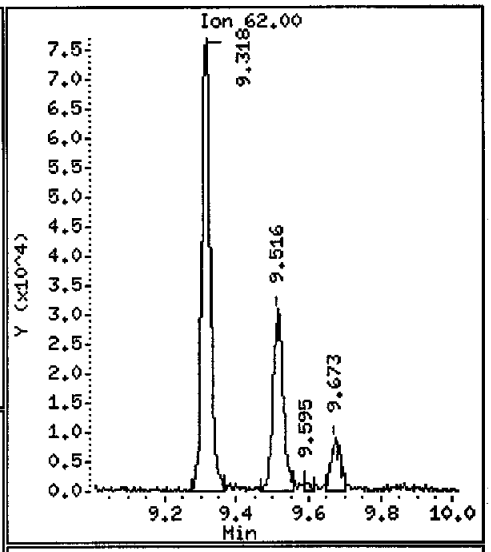
44 1,2-Dichloroethane Concentration: 4.392 ug/L

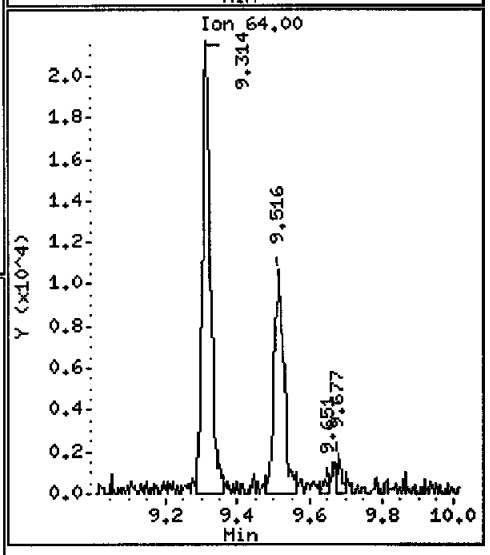












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

Client ID: M-126

Instrument: MSL.i

Sample Info: KEE9T1AA

Purge Volume: 25.0

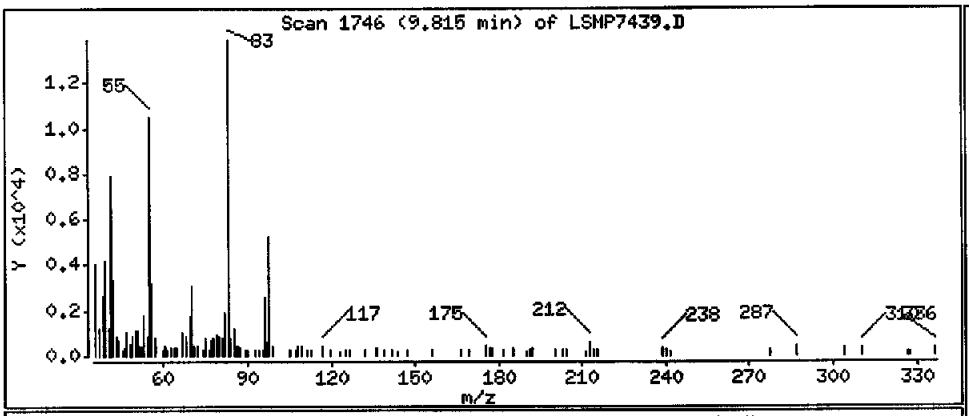
Operator: XIA

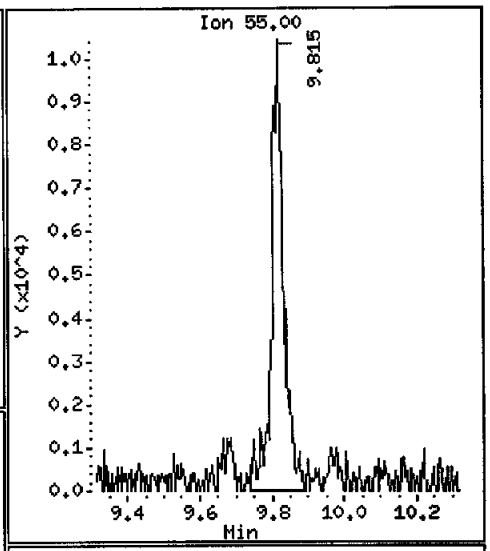
Column phase: RTX-502.2

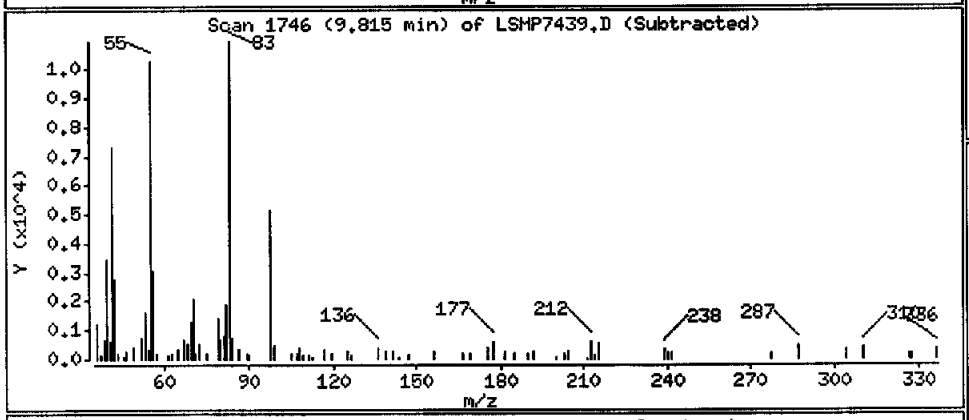
Column diameter: 0.25

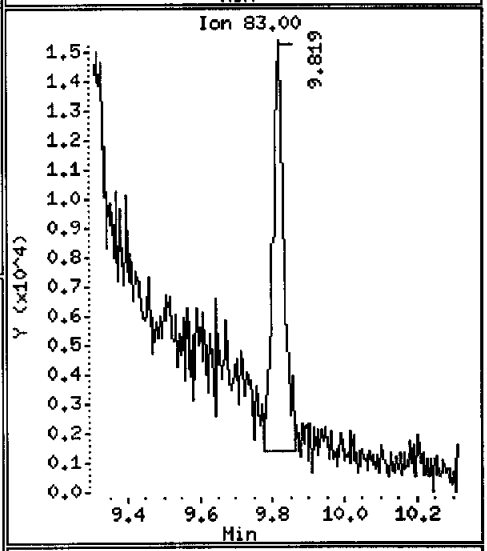
47 Methylcyclohexane

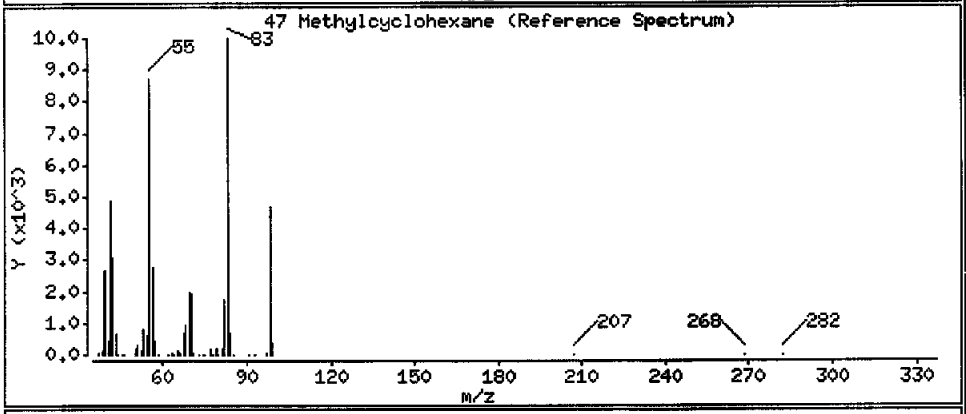
Concentration: 0.6522 ug/L

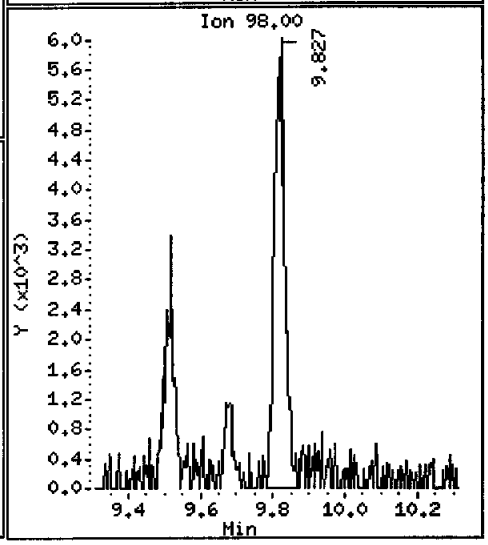


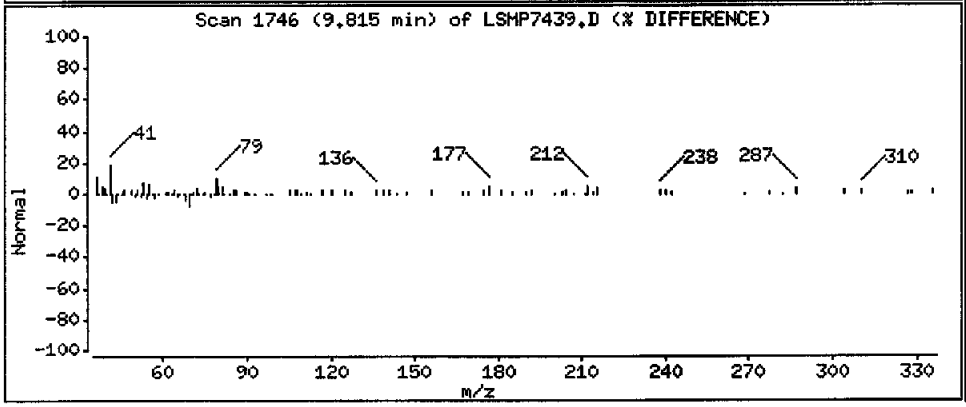












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

Client ID: M-126

Instrument: MSL.i

Sample Info: KEE9T1AA

Purge Volume: 25.0

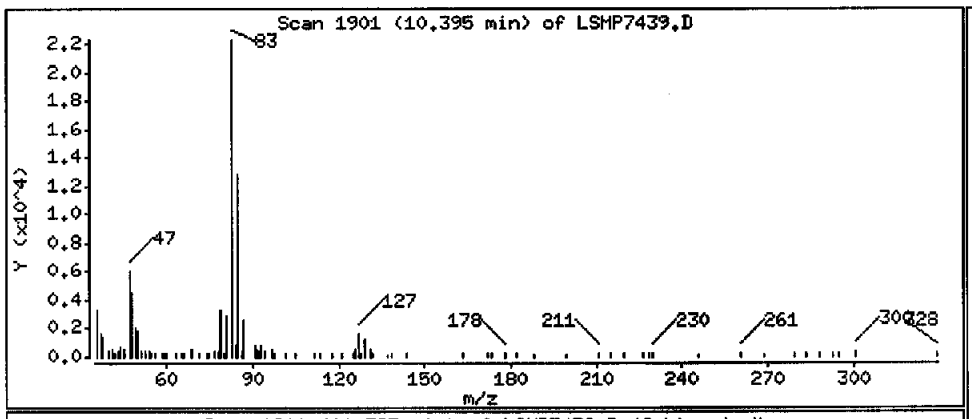
Operator: XIA

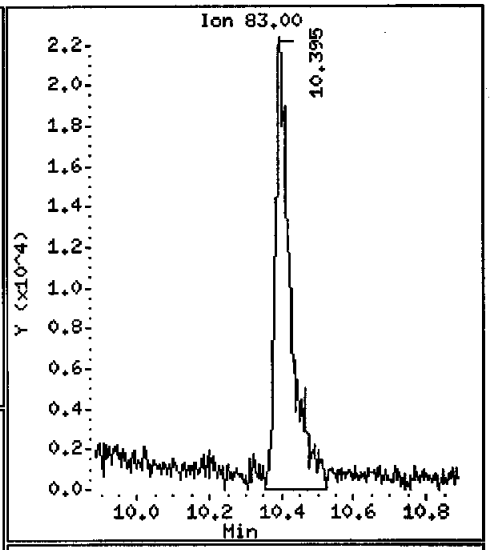
Column phase: RTX-502.2

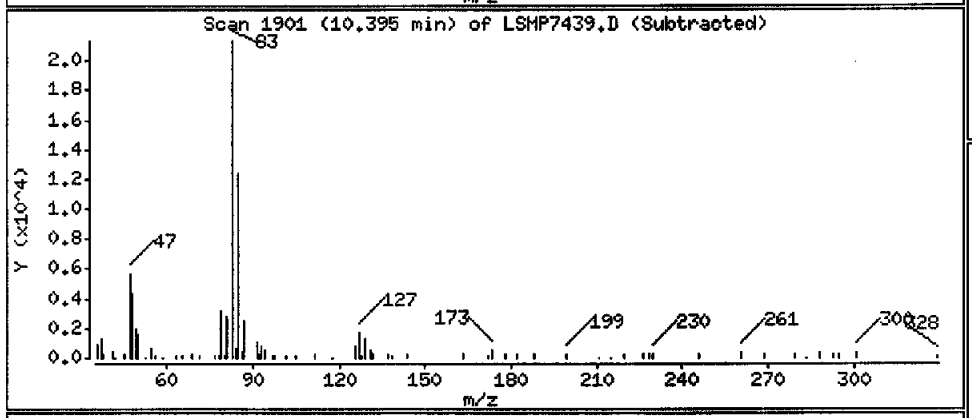
Column diameter: 0.25

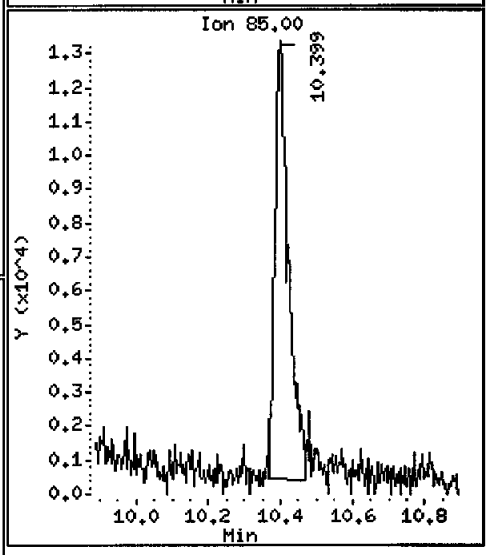
51 Bromodichloromethane

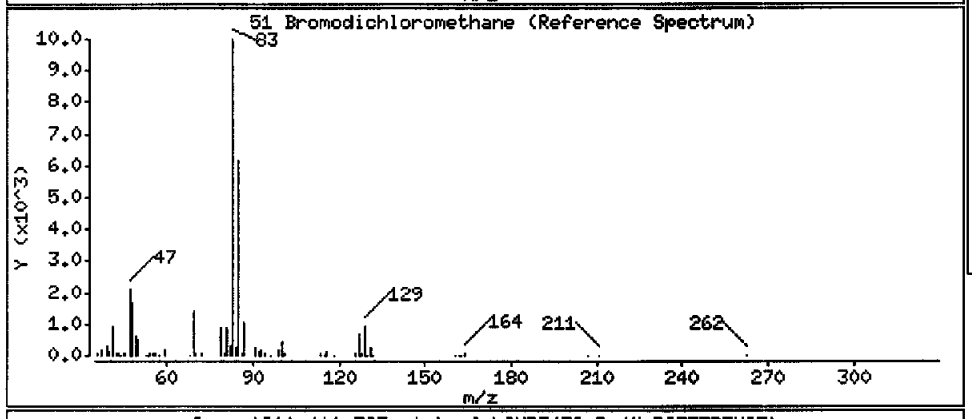
Concentration: 3.517 ug/L

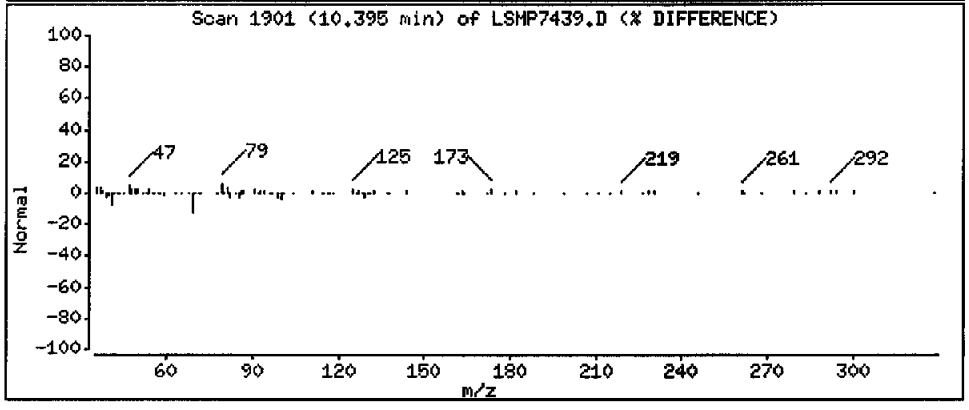












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

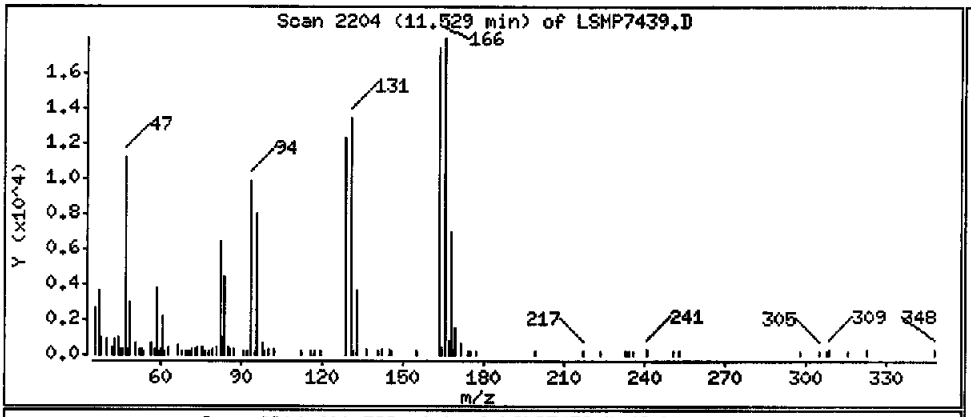
Client ID: M-126 Instrument: MSL.i

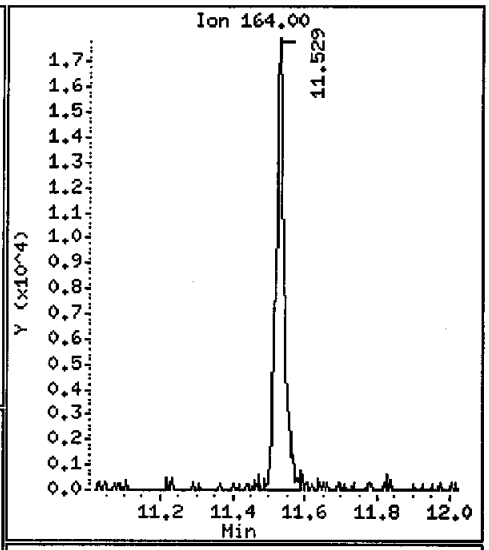
Sample Info: KEE9T1AA

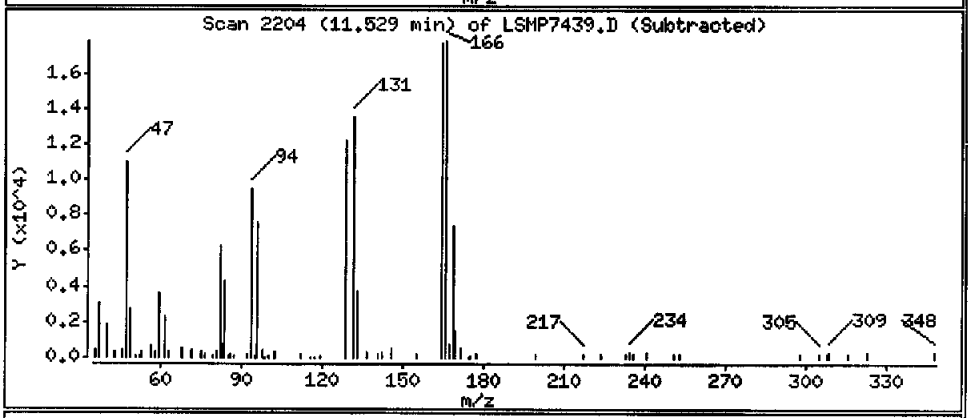
Purge Volume: 25.0 Operator: XIA

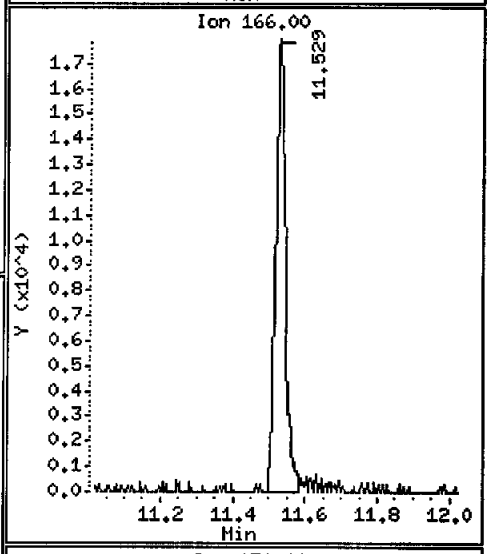
Column phase: RTX-502.2 Column diameter: 0.25

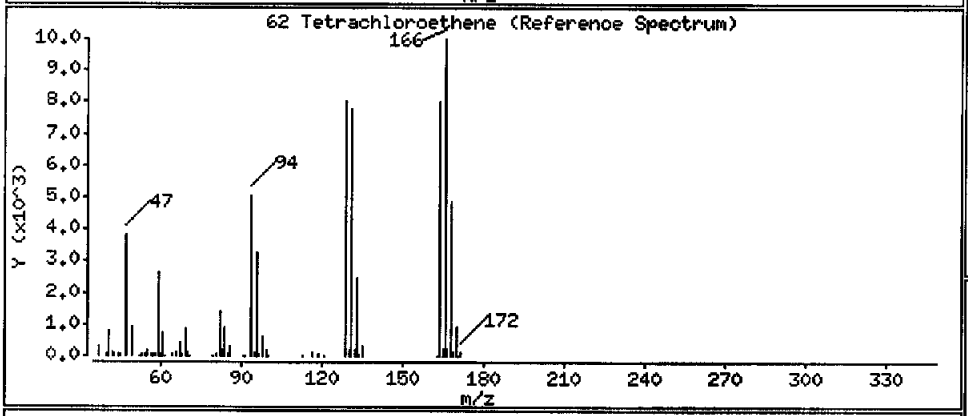
62 Tetrachloroethene Concentration: 1.128 ug/L

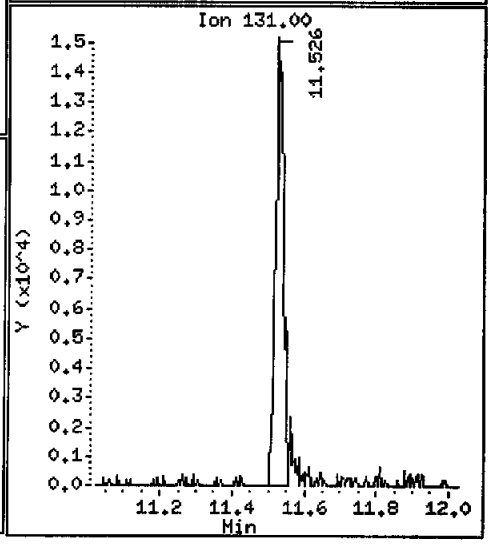


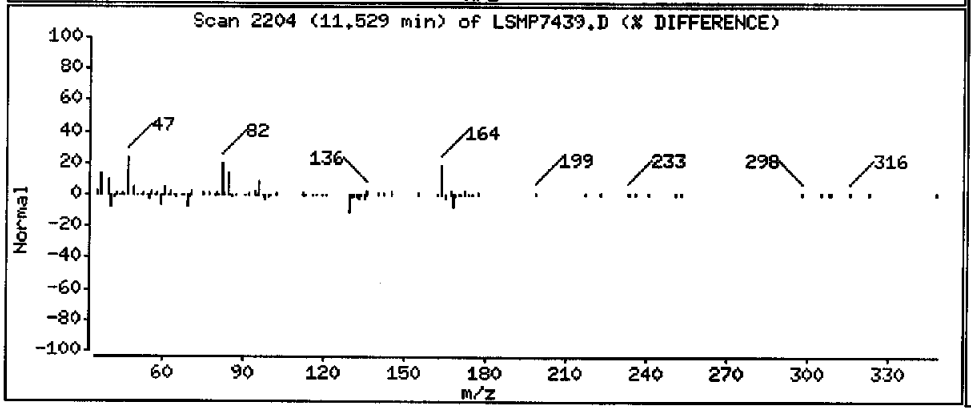












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

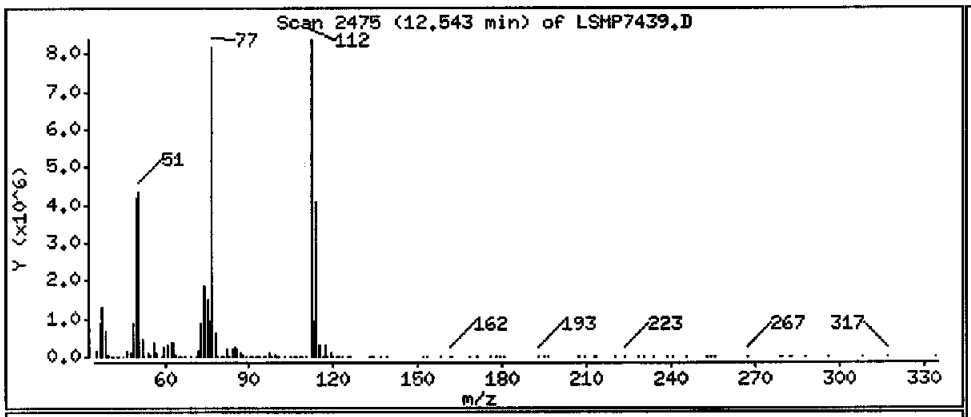
Client ID: M-126 Instrument: MSL.i

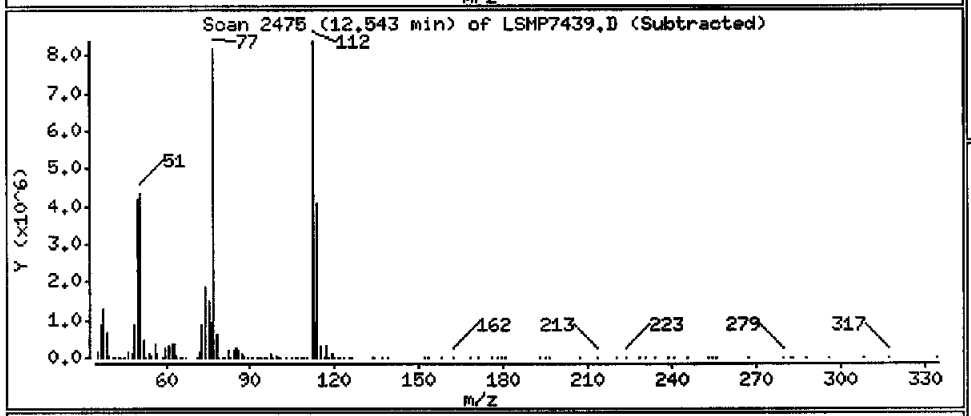
Sample Info: KEE9T1AA

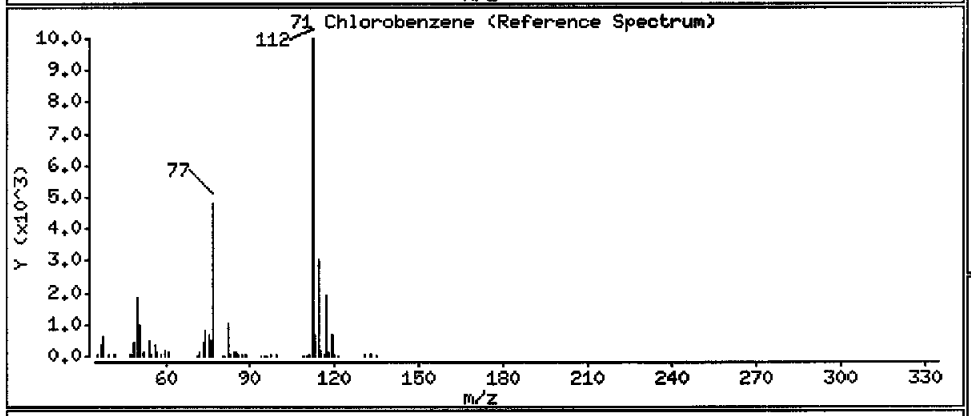
Purge Volume: 25.0 Operator: XIA

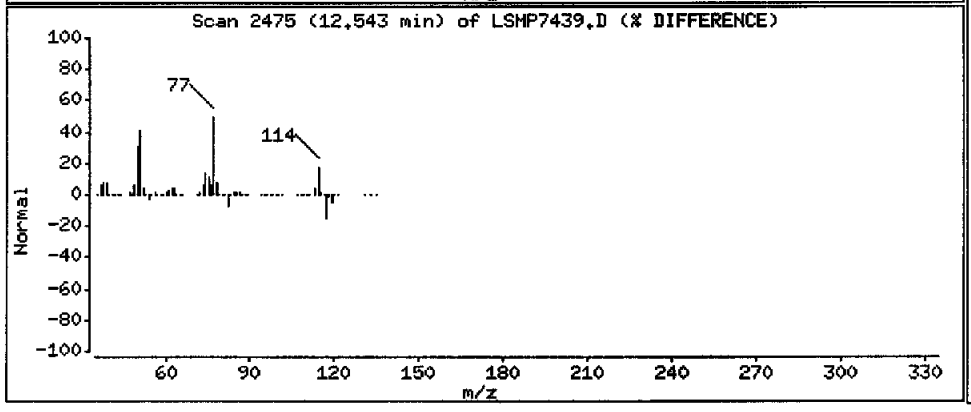
Column phase: RTX-502.2 Column diameter: 0.25

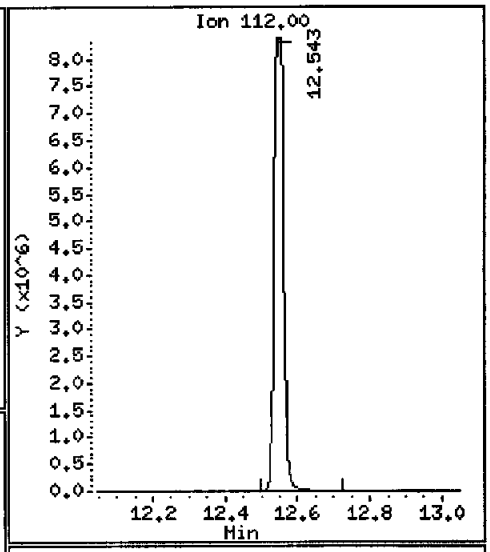
71 Chlorobenzene Concentration: 185.6 ug/L

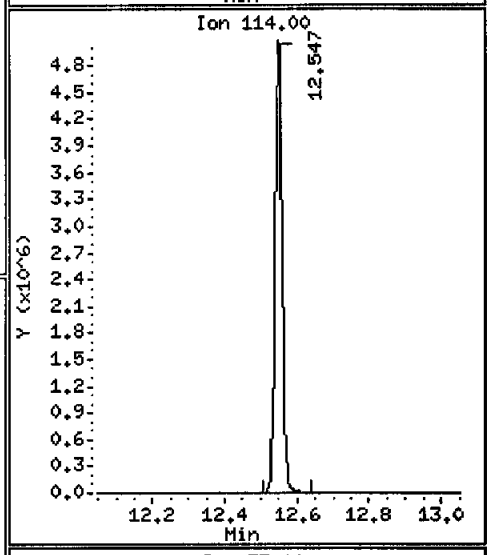


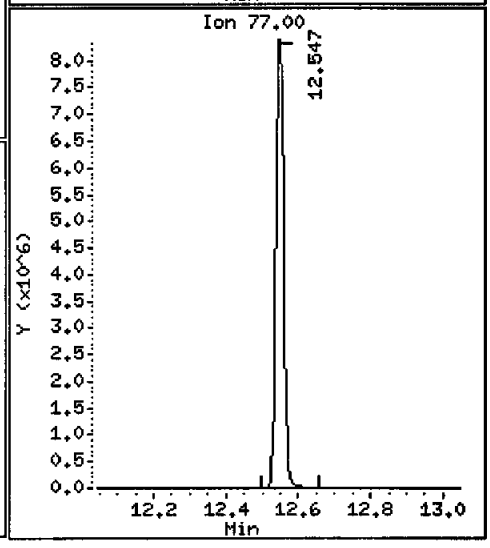












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

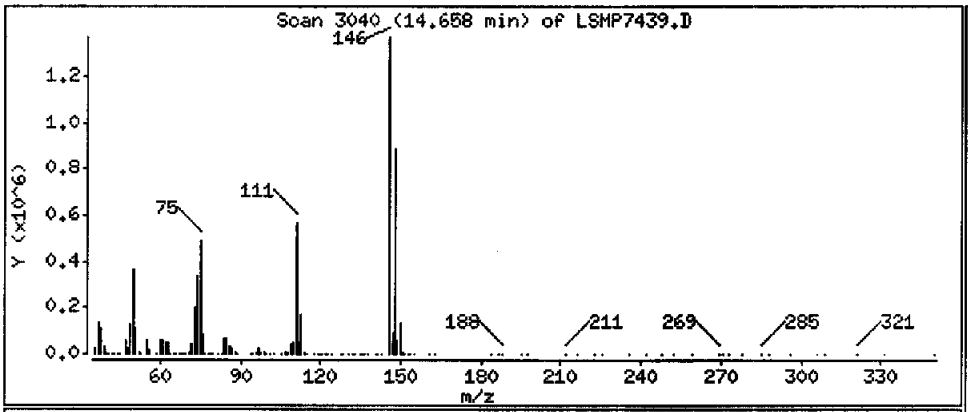
Client ID: M-126 Instrument: MSL.i

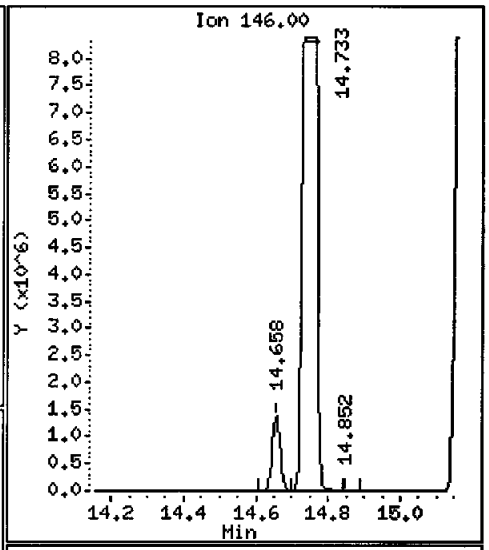
Sample Info: KEE9T1AA

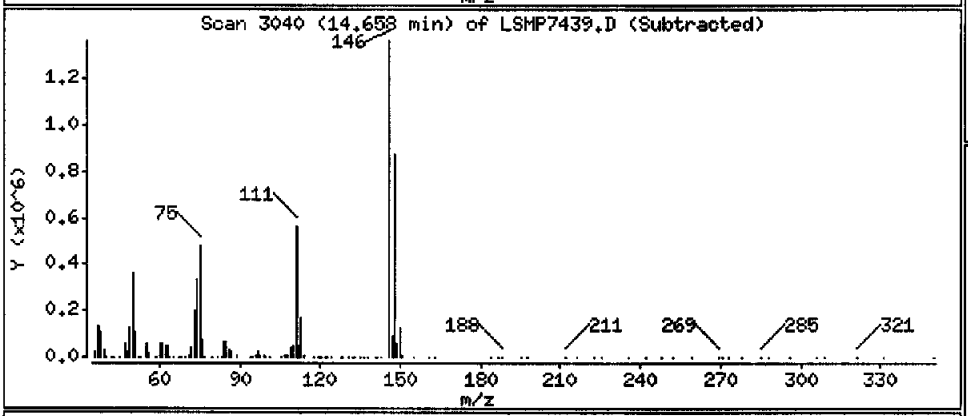
Purge Volume: 25.0 Operator: XIA

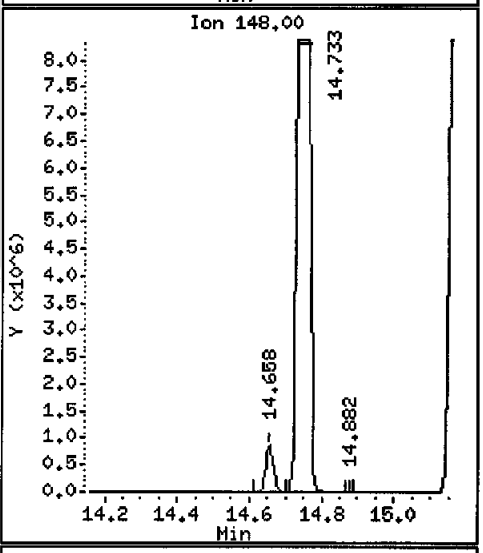
Column phase: RTX-502.2 Column diameter: 0.25

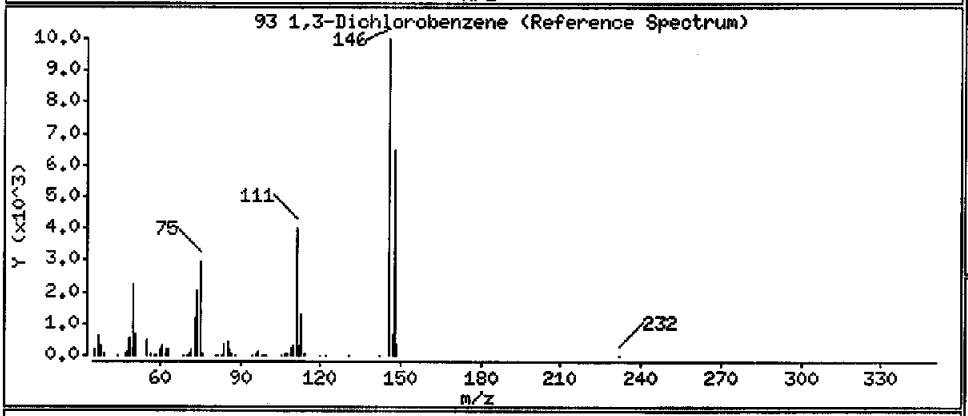
93 1,3-Dichlorobenzene Concentration: 18.64 ug/L

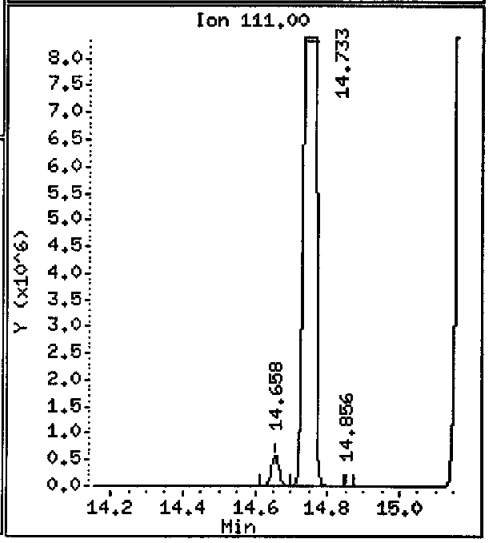


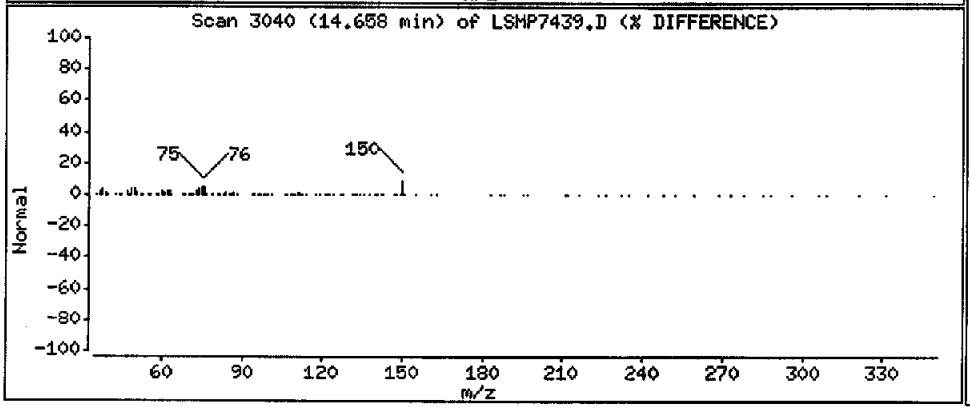












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

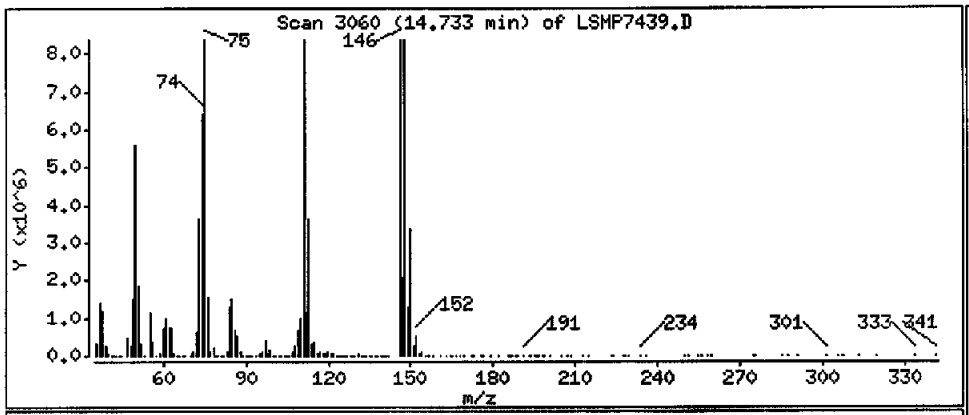
Client ID: M-126 Instrument: MSL.i

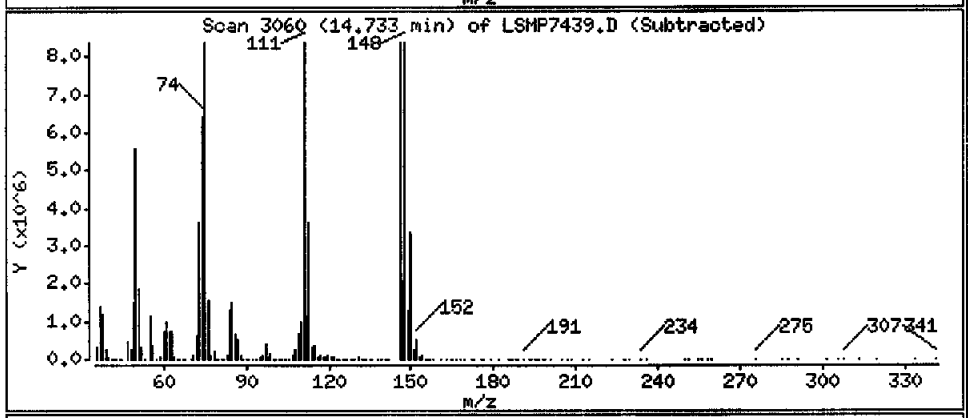
Sample Info: KEE9T1AA

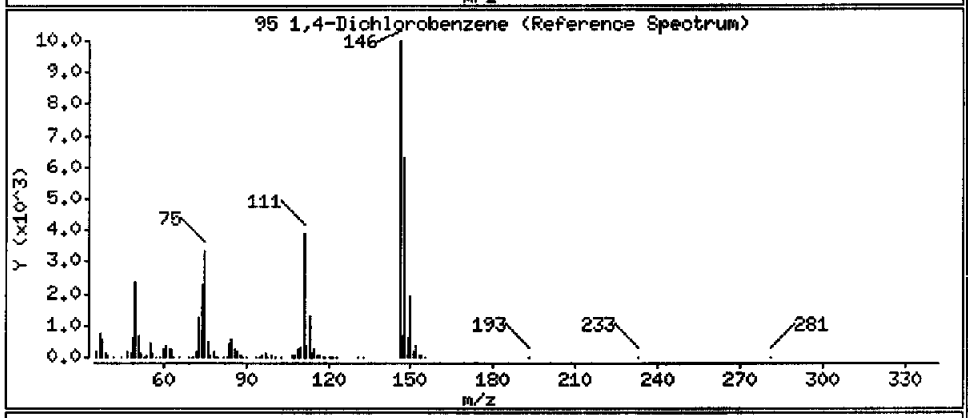
Purge Volume: 25.0 Operator: XIA

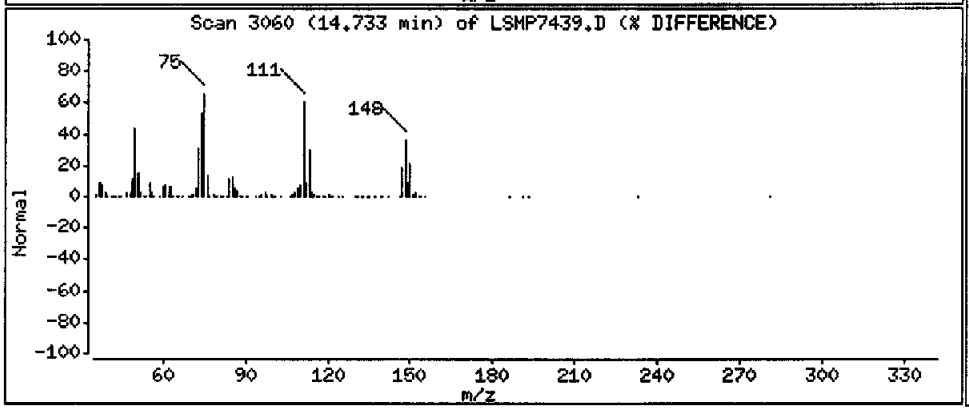
Column phase: RTX-502.2 Column diameter: 0.25

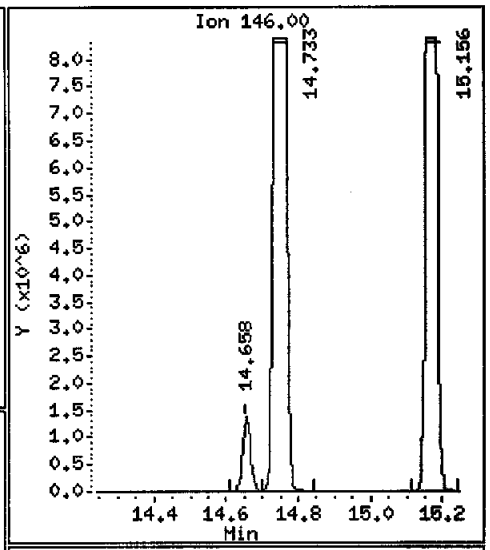
95 1,4-Dichlorobenzene Concentration: 217.0 ug/L

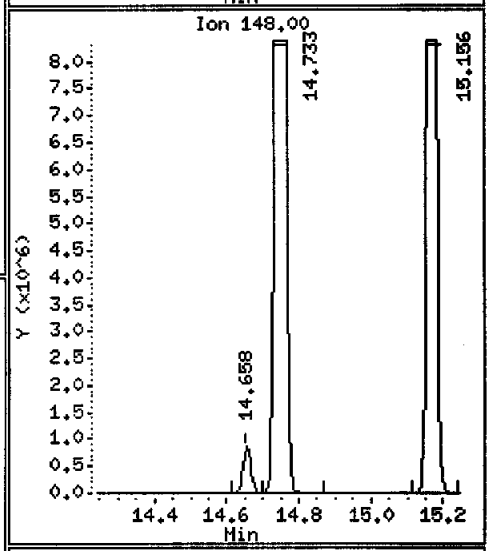


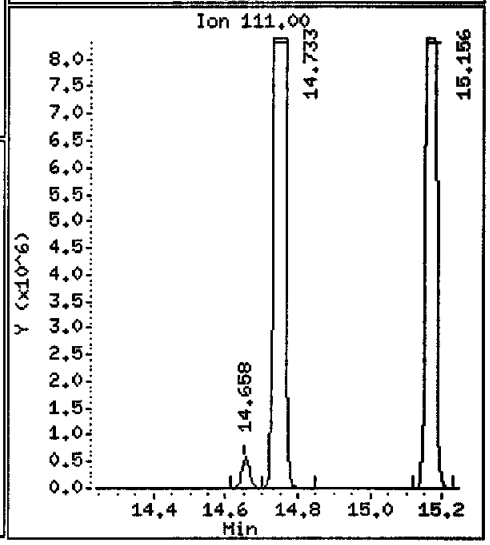












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D

Date : 21-DEC-2007 20:24

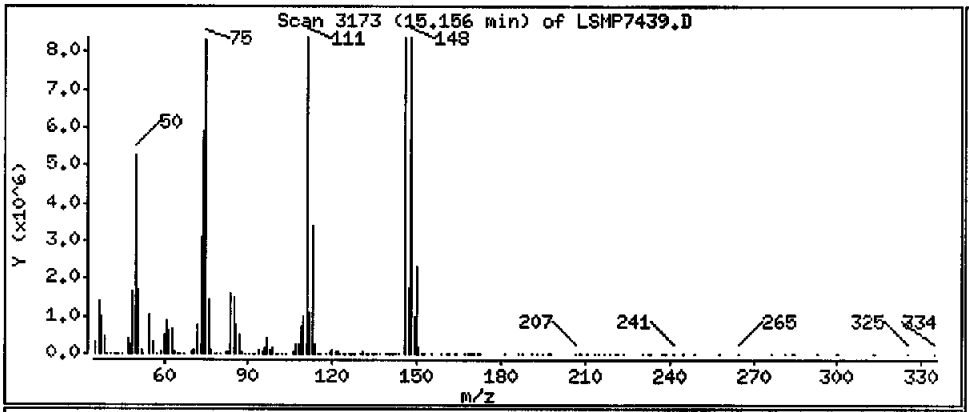
Client ID: M-126 Instrument: MSL.i

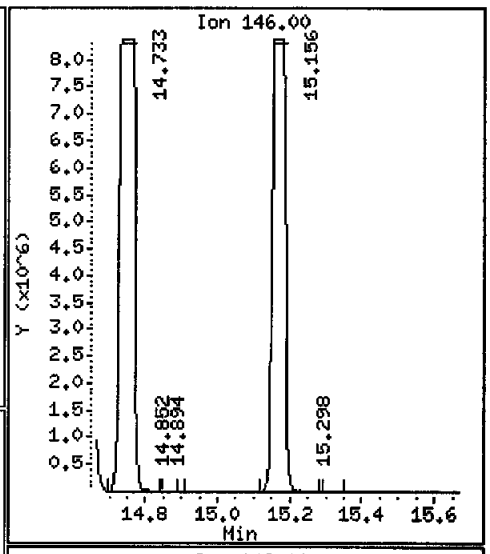
Sample Info: KEE9T1AA

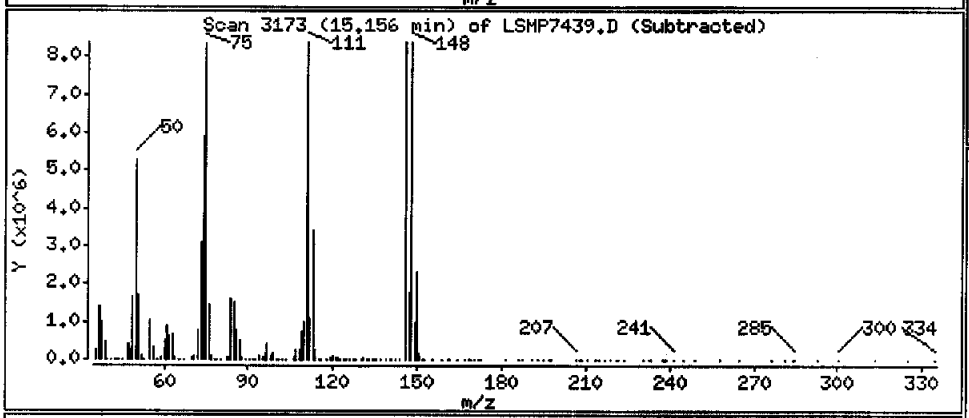
Purge Volume: 25.0 Operator: XIA

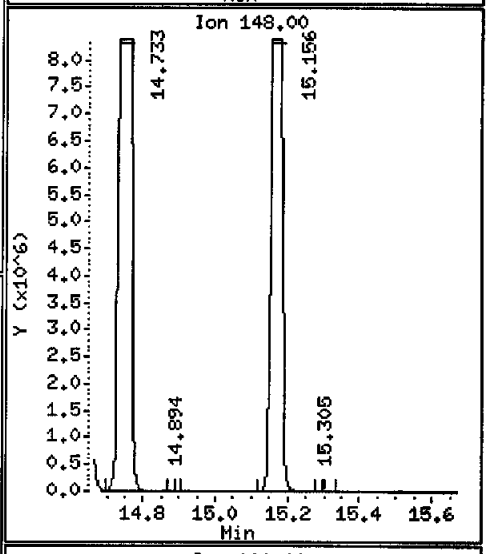
Column phase: RTX-502.2 Column diameter: 0.25

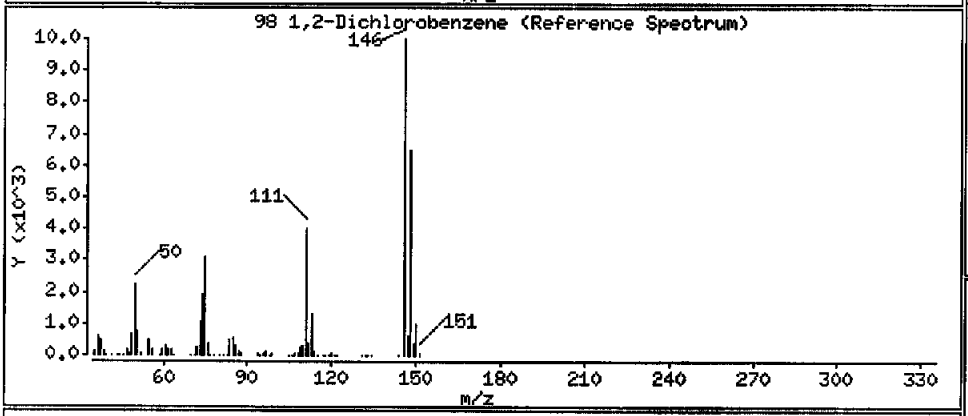
98 1,2-Dichlorobenzene Concentration: 249.6 ug/L

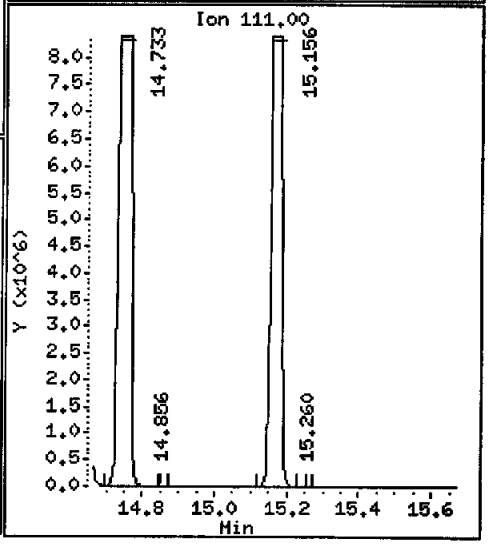


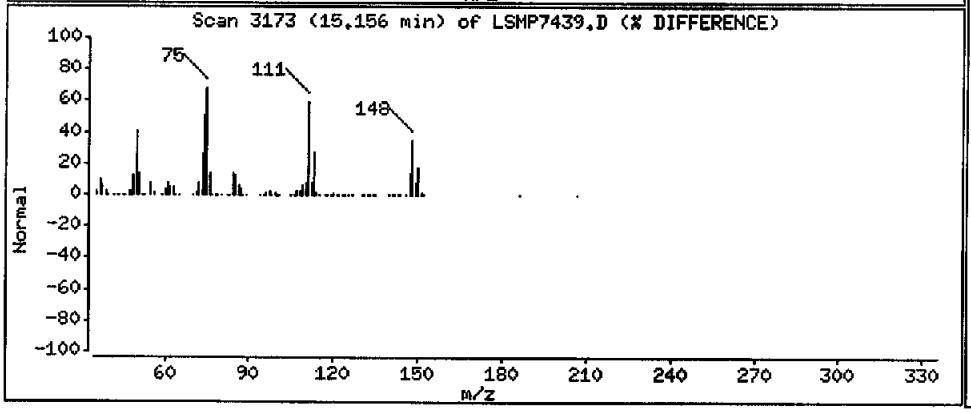






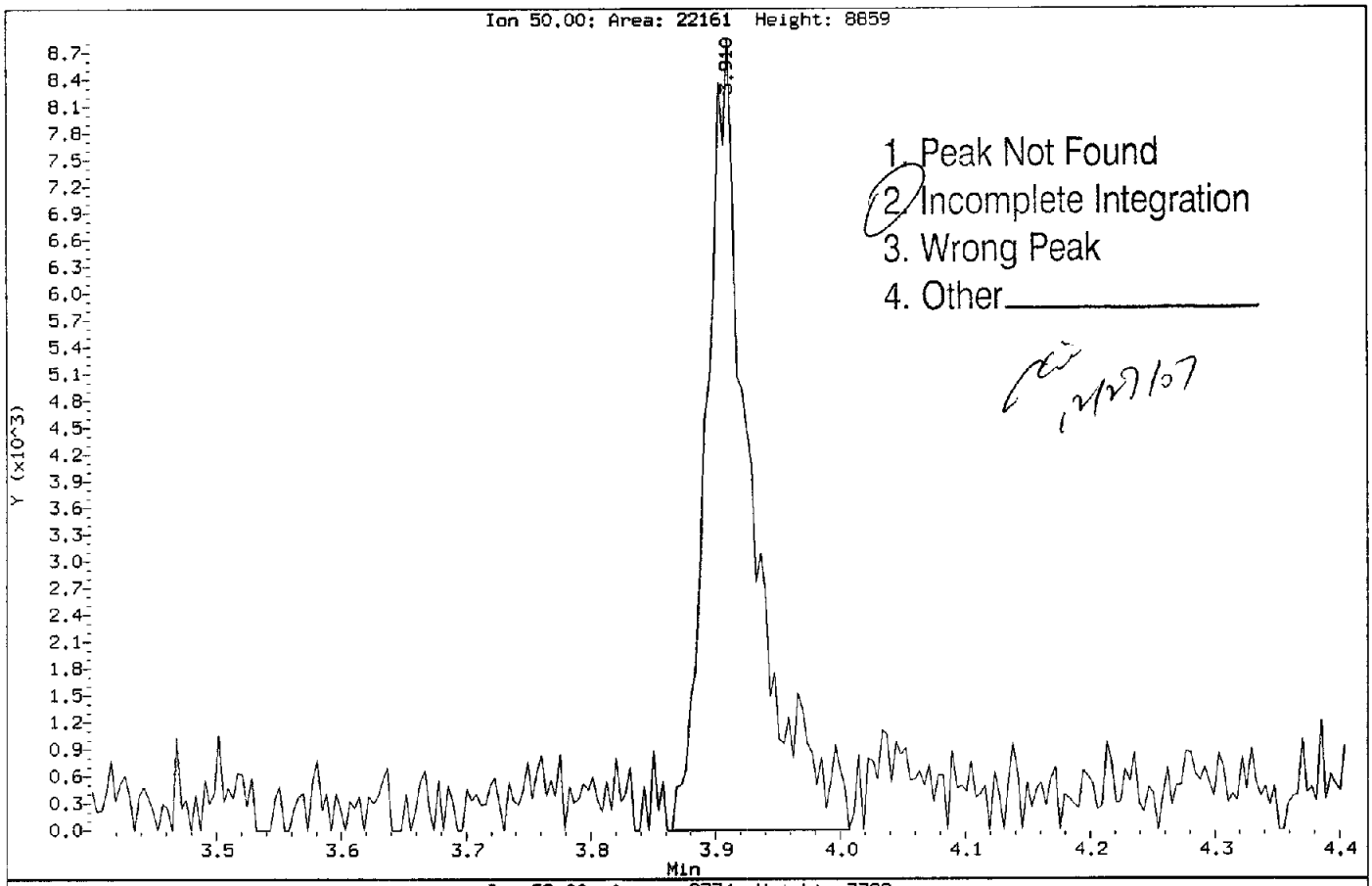


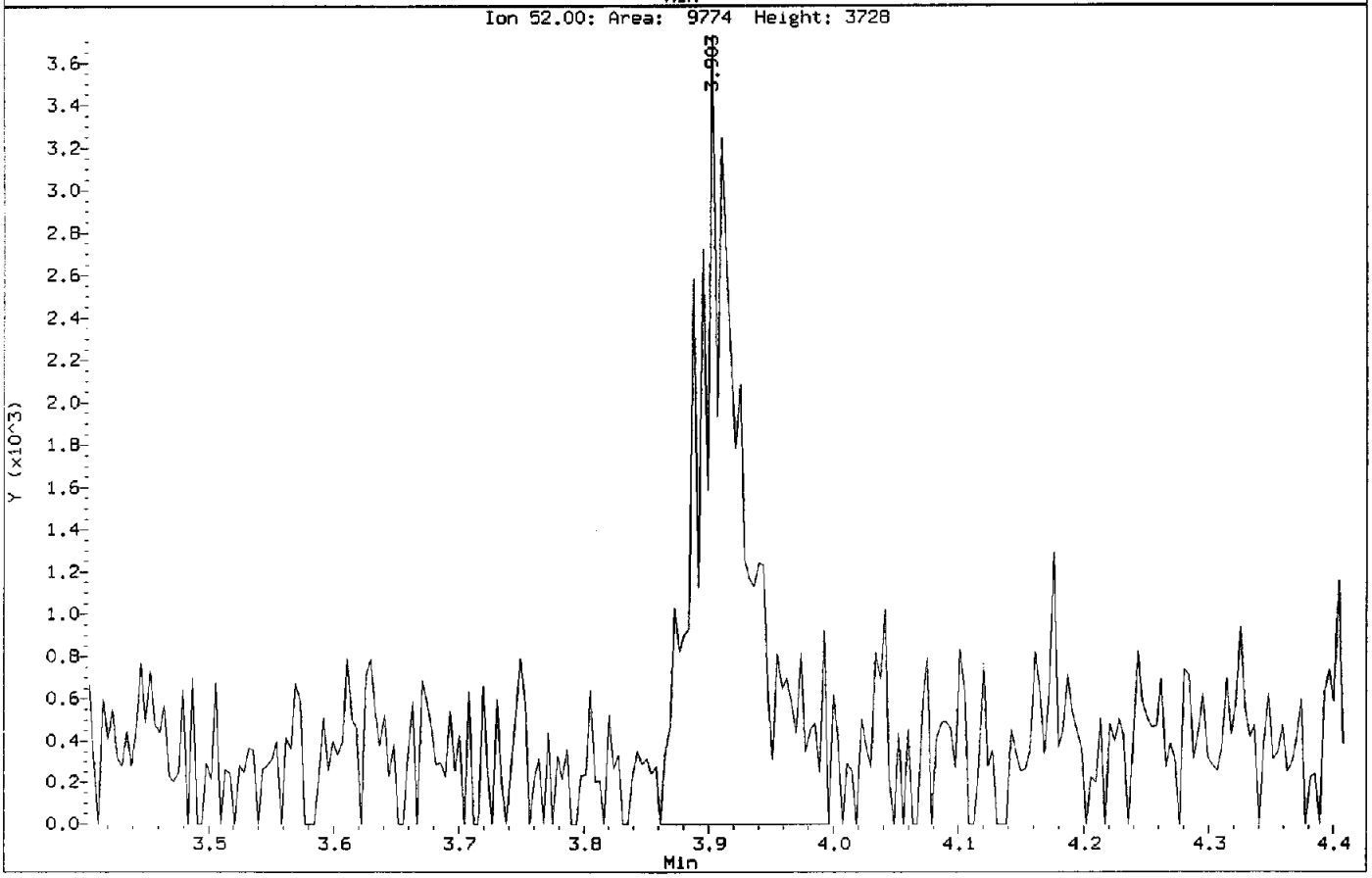




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D
Injection Date: 21-DEC-2007 20:24
Instrument: MSL.i
Client Sample ID: M-126

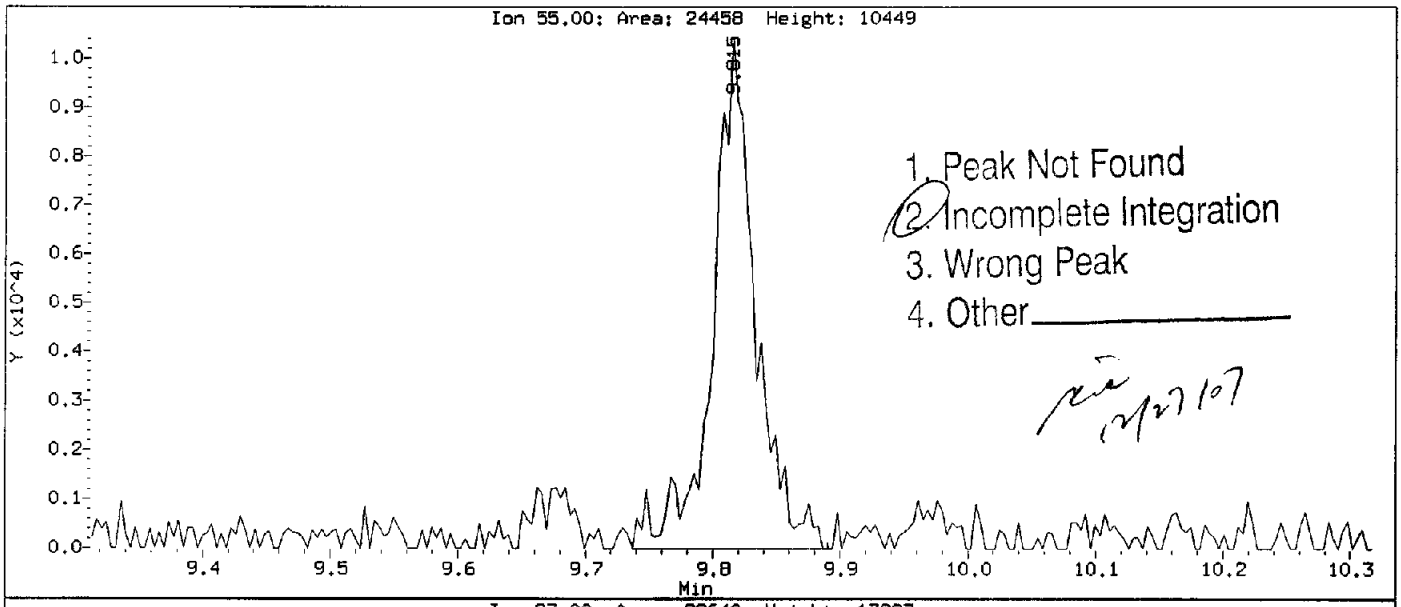
Compound: Chloromethane
CAS Number: 74-87-3

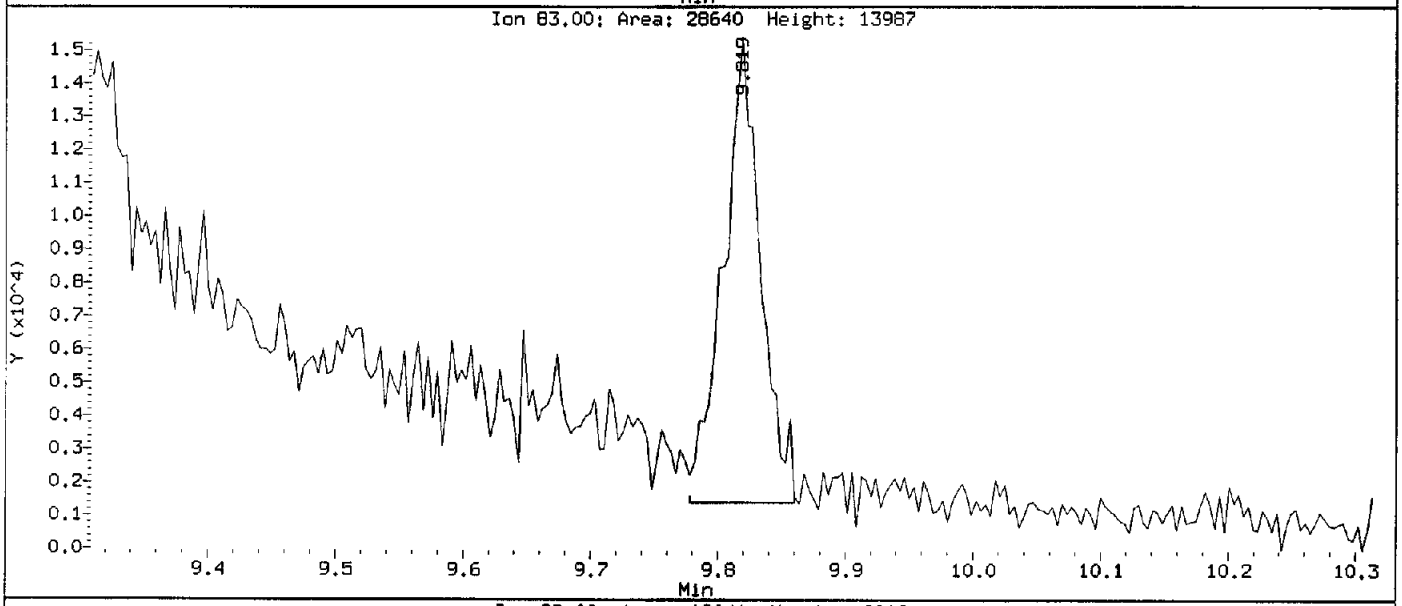


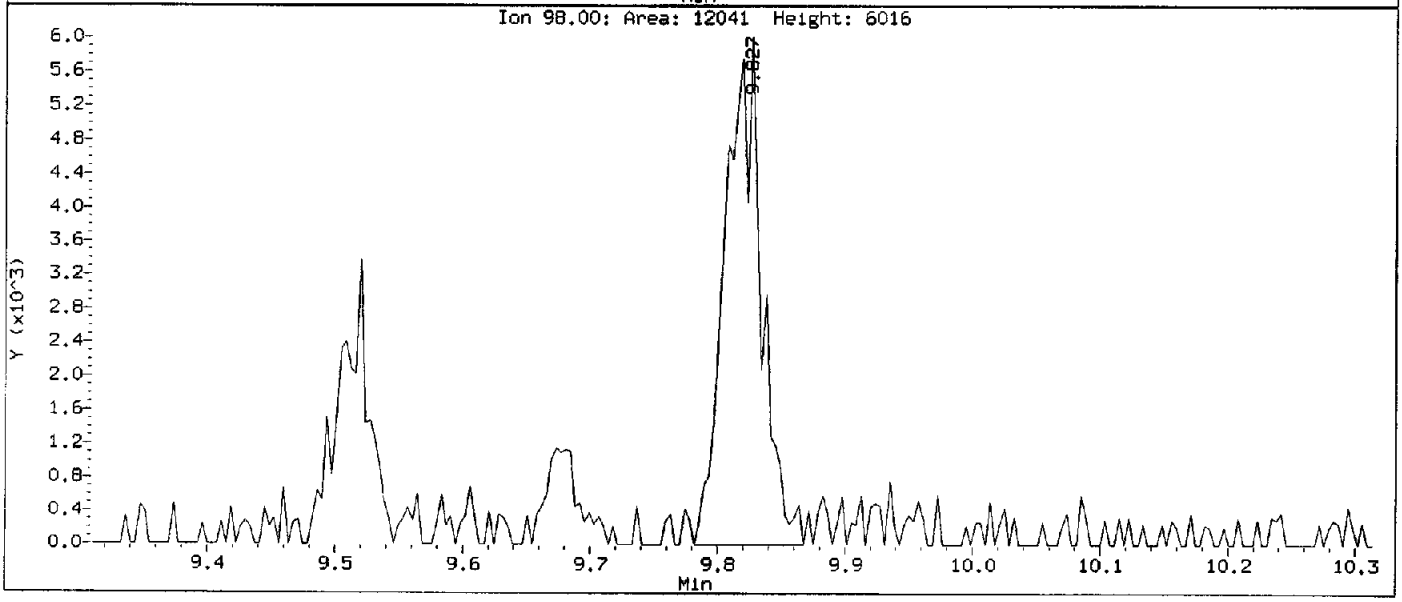


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D
Injection Date: 21-DEC-2007 20:24
Instrument: MSL.i
Client Sample ID: M-126

Compound: Methylcyclohexane
CAS Number:

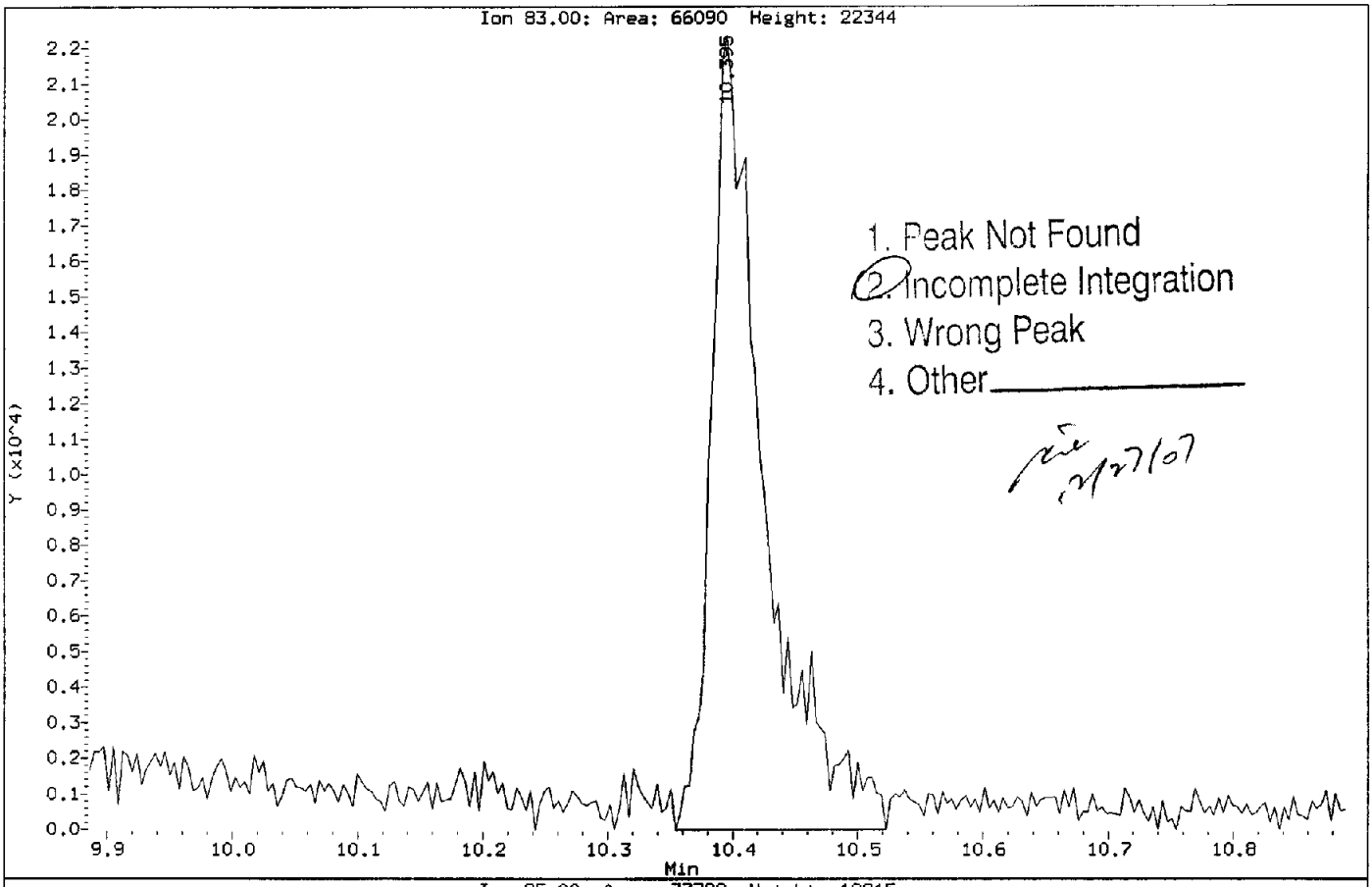


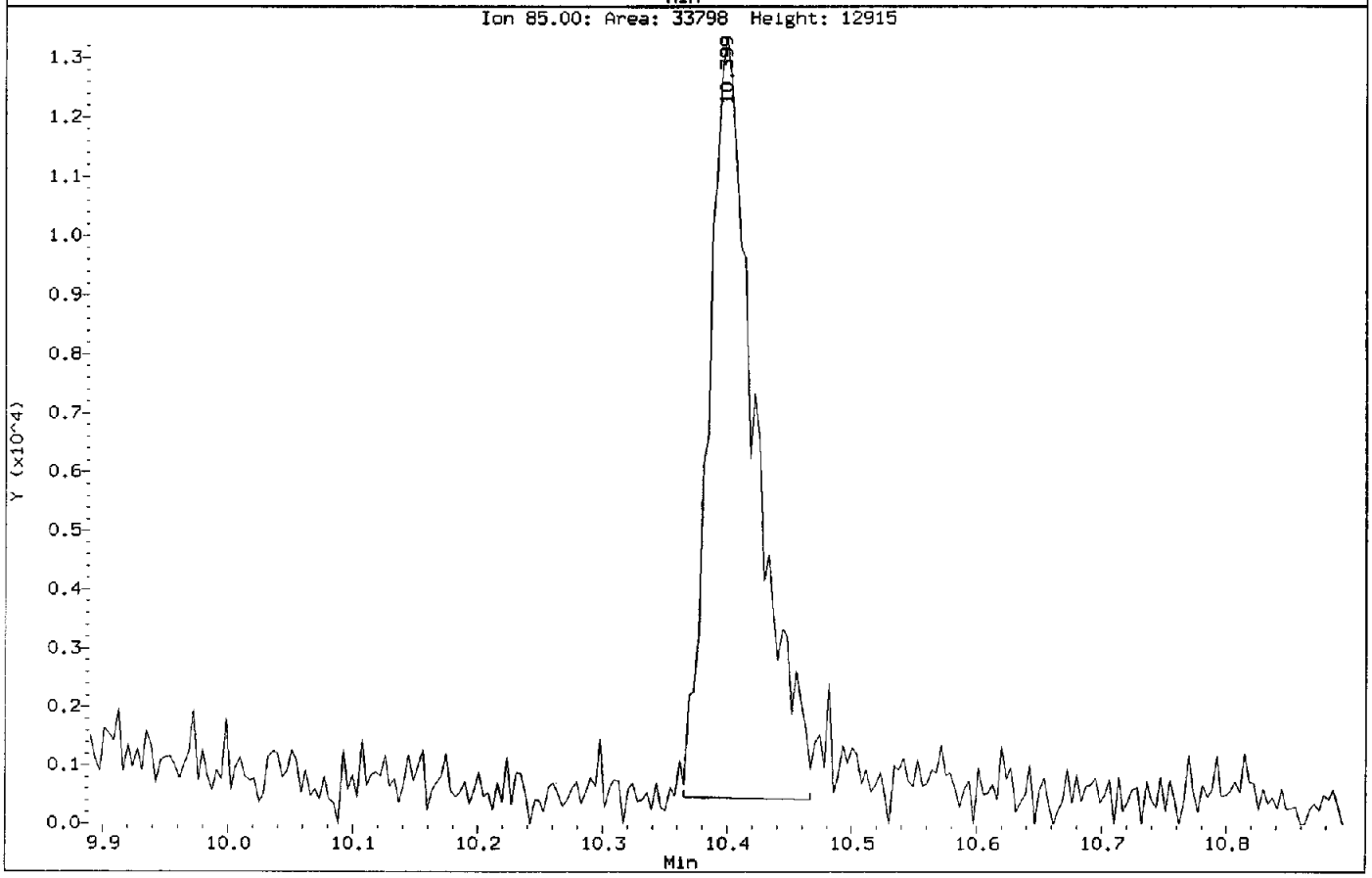




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7439.D
Injection Date: 21-DEC-2007 20:24
Instrument: MSL.i
Client Sample ID: M-126

Compound: Bromodichloromethane
CAS Number: 75-27-4





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D
Report Date: 26-Dec-2007 11:36

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D
Lab Smp Id: KEE9T2AA Client Smp ID: M-126
Inj Date : 24-DEC-2007 21:05
Operator : XIA Inst ID: MSL.i
Smp Info : KEE9T2AA
Misc Info : VBLKL358A;F7L190135-002;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	3 Chloromethane	50	3.902	3.898	(0.403)	32769	0.59817	0.5982(M)
	8 Diethyl ether	59	5.792	5.792	(0.599)	171838	21.6945	21.69
	11 Carbon Disulfide	76	6.316	6.305	(0.653)	100970	1.36842	1.368(M)
	15 Methylene Chloride	84	6.967	6.967	(0.720)	272278	13.0007	13.00
	24 1,1-Dichloroethane	63	7.872	7.869	(0.814)	178221	3.74692	3.747
	31 Chloroform	83	8.681	8.707	(0.897)	58013430	1489.34	1489(A)
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	162362	11.6373	11.64
	40 Benzene	78	9.313	9.313	(0.963)	13648860	125.360	125.4(A)
$	43 1,2-Dichloroethane-d4	65	9.444	9.441	(0.976)	126966	11.5722	11.57
	44 1,2-Dichloroethane	62	9.515	9.512	(0.984)	70911	4.85057	4.850
*	45 Fluorobenzene	96	9.673	9.669	(1.000)	941074	10.0000	
	51 Bromodichloromethane	83	10.395	10.387	(1.075)	123278	6.22607	6.226
$	57 Toluene-d8	98	11.087	11.083	(0.885)	937133	6.94897	6.949(R)
	62 Tetrachloroethene	164	11.529	11.521	(0.920)	26191	0.90204	0.9020
*	70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	901967	10.0000	
	71 Chlorobenzene	112	12.539	12.547	(1.001)	16276502	168.254	168.2(A)
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.926)	241605	3.50430	3.504(aR)
	93 1,3-Dichlorobenzene	146	14.653	14.657	(0.995)	2379547	18.4185	18.42
*	94 1,4 Dichlorobenzene-d4	152	14.732	14.725	(1.000)	701619	10.0000	
	95 1,4-Dichlorobenzene	146	14.728	14.743	(1.000)	24897711	195.429	195.4(A)
	98 1,2-Dichlorobenzene	146	15.151	15.166	(1.028)	21714259	227.184	227.2(A)

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D
Report Date: 26-Dec-2007 11:36

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D
Report Date: 26-Dec-2007 11:36

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

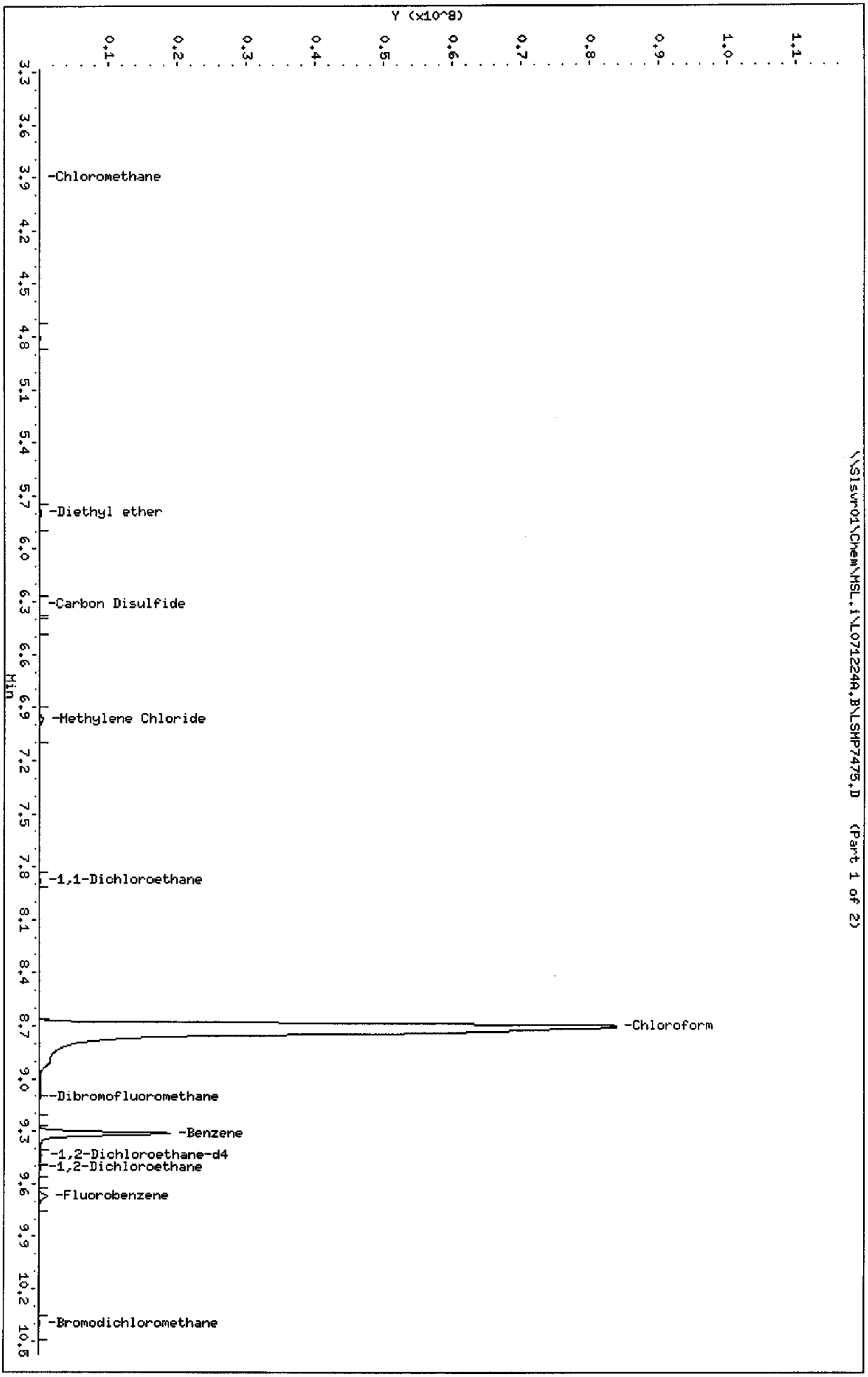
Instrument ID: MSL.i
Lab File ID: LSMP7475.D
Lab Smp Id: KEE9T2AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L190135-002;7360149;

Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: M-126
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
45 Fluorobenzene	1203114	601557	2406228	941074	-21.78	
70 Chlorobenzene-d5	752404	376202	1504808	901967	19.88	
94 1,4 Dichlorobenze	317211	158606	634422	701619	121.18	<

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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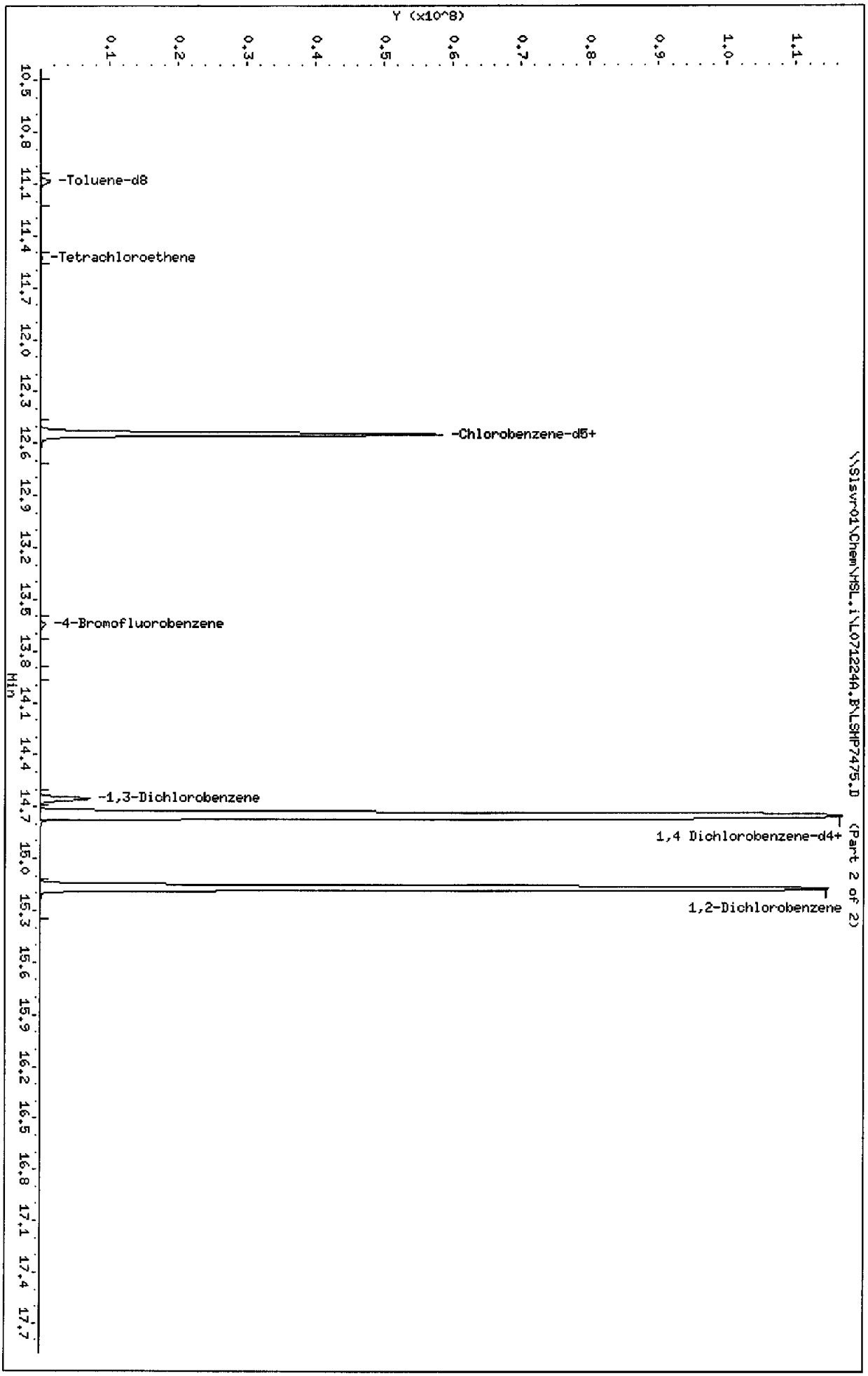
Date : 24-DEC-2007 21:05
Client ID: M-126
Sample Info: KEE9T2AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D (Part 1 of 2)
Y (x10^8)
Min
-Chloromethane
-Diethyl ether
-Carbon Disulfide
-Methylene Chloride
-1,1-Dichloroethane
-Chloroform
-Dibromofluoromethane
-Benzene
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Bromodichloromethane


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7475.D
Date : 24-DEC-2007 21:05
Client ID: H-126
Sample Info: KEE3T2AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^8)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
10.5
10.8
11.1
11.4
11.7
12.0
12.3
12.6
12.9
13.2
13.5
13.8
14.1
14.4
14.7
15.0
15.3
15.6
15.9
16.2
16.5
16.8
17.1
17.4
17.7
Min
-Toluene-d8
-Tetrachloroethene
-Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,3-Dichlorobenzene
1,4 Dichlorobenzene-d4+
1,2-Dichlorobenzene
\\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7475.D (Part 2 of 2)

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

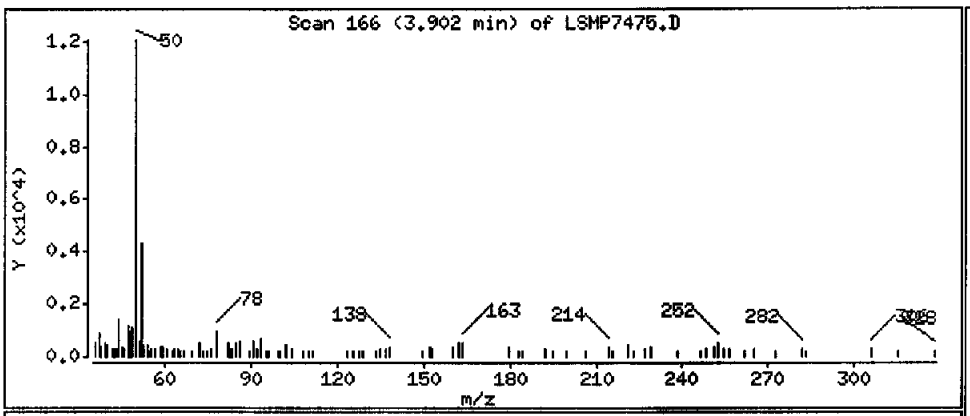
Client ID: M-126 Instrument: MSL.i

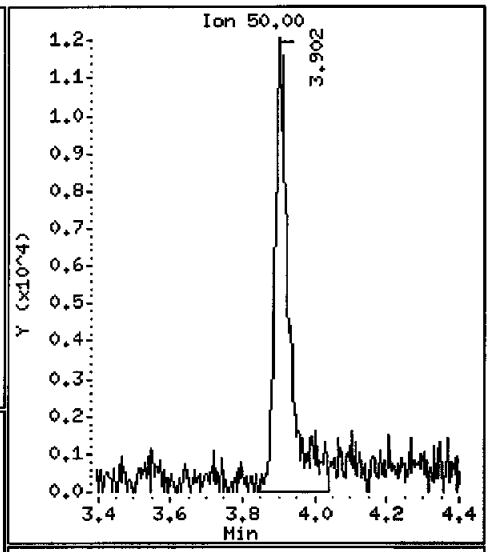
Sample Info: KEE9T2AA

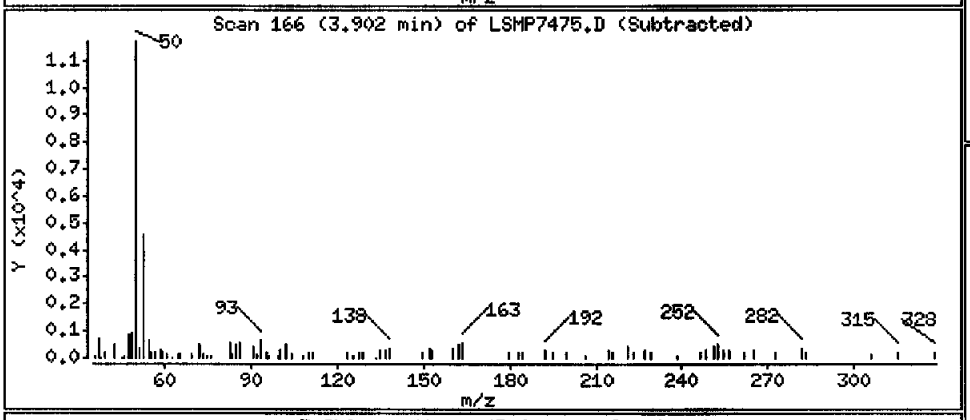
Purge Volume: 25.0 Operator: XIA

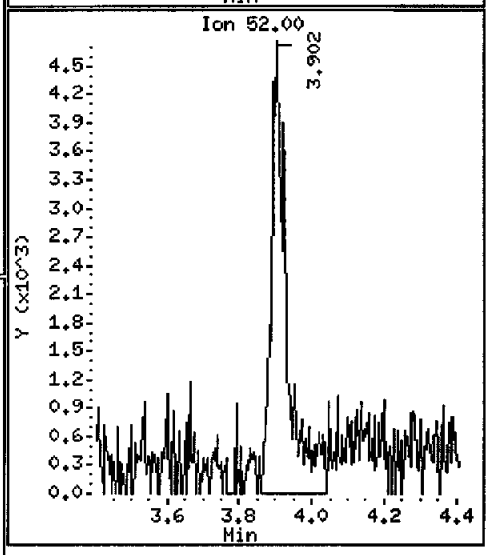
Column phase: RTX-502.2 Column diameter: 0.25

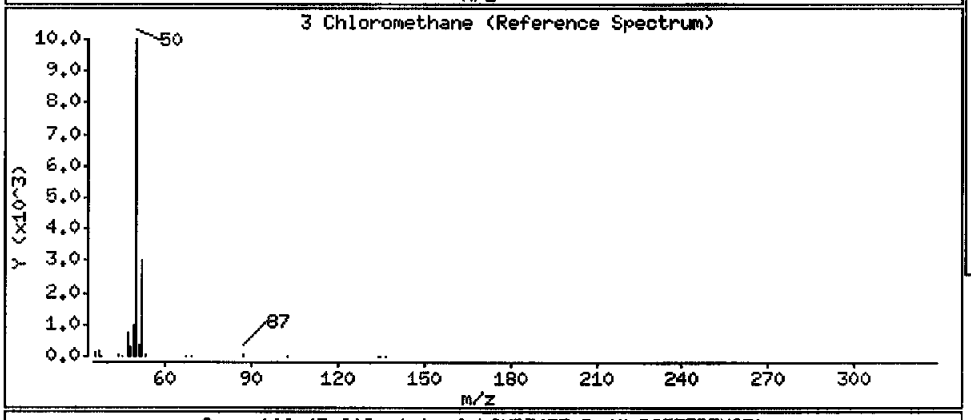
3 Chloromethane Concentration: 0.5982 ug/L

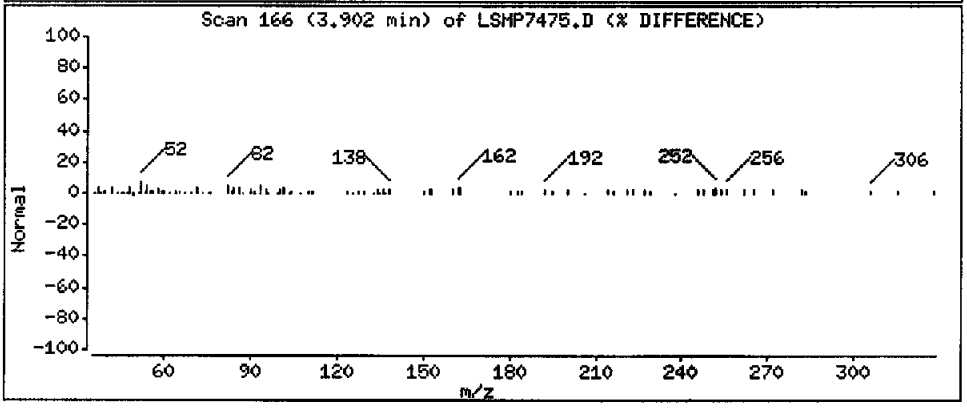












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

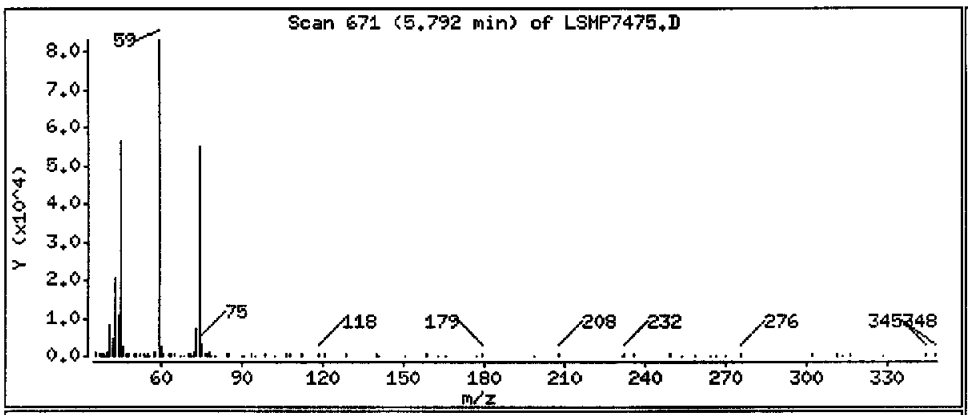
Client ID: M-126 Instrument: MSL.i

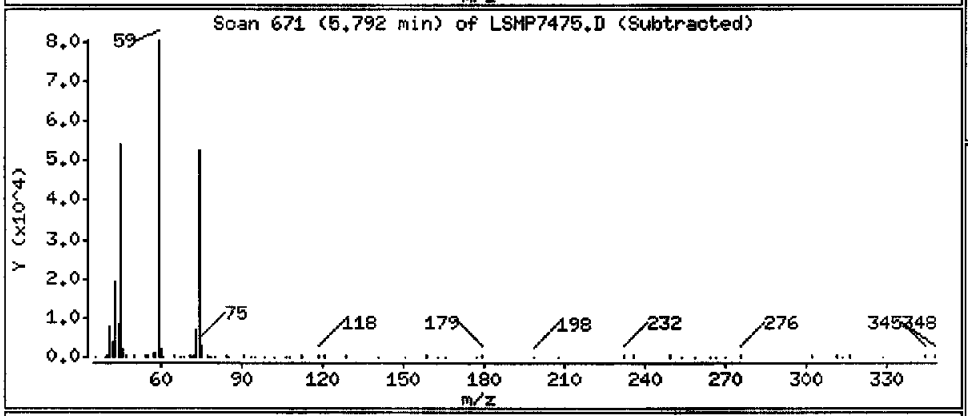
Sample Info: KEE9T2AA

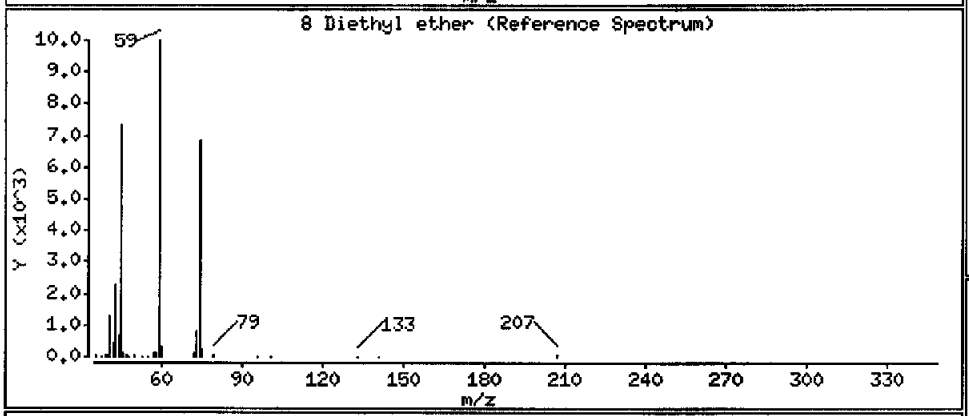
Purge Volume: 25.0 Operator: XIA

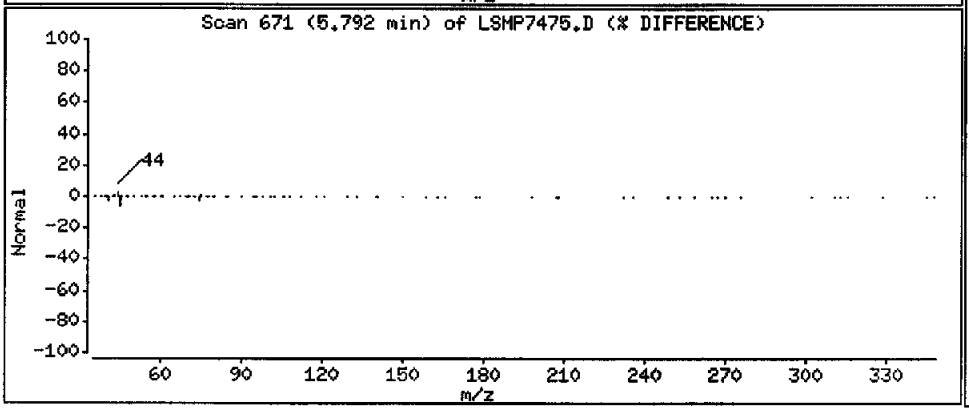
Column phase: RTX-502.2 Column diameter: 0.25

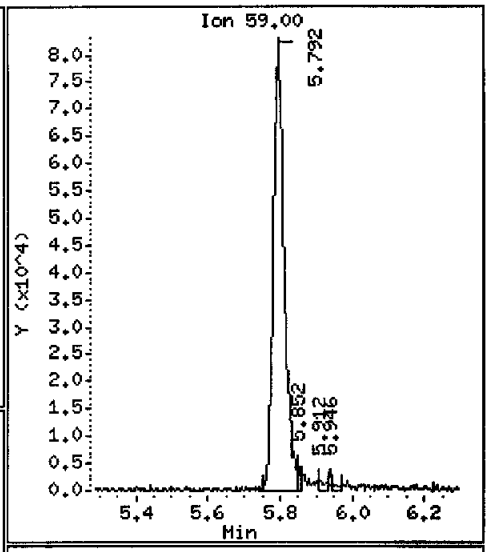
8 Diethyl ether Concentration: 21.69 ug/L

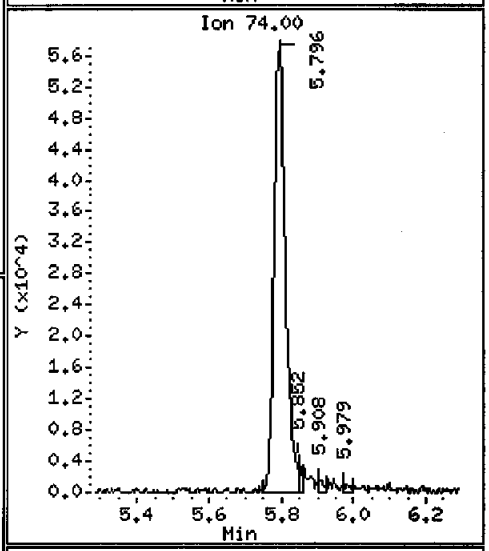


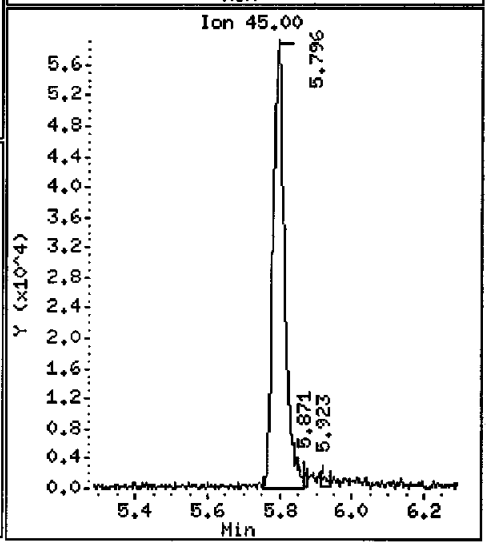












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

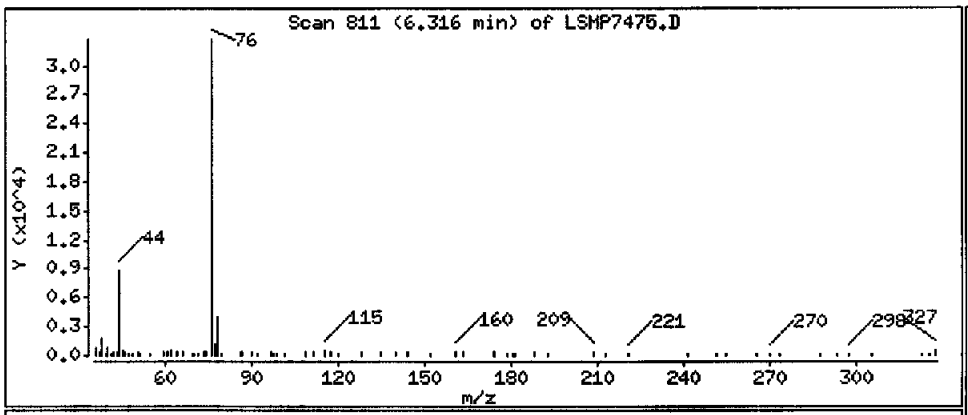
Client ID: M-126 Instrument: MSL.i

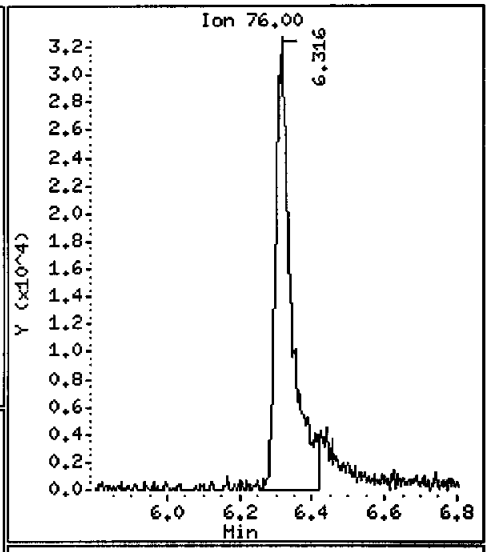
Sample Info: KEE9T2AA

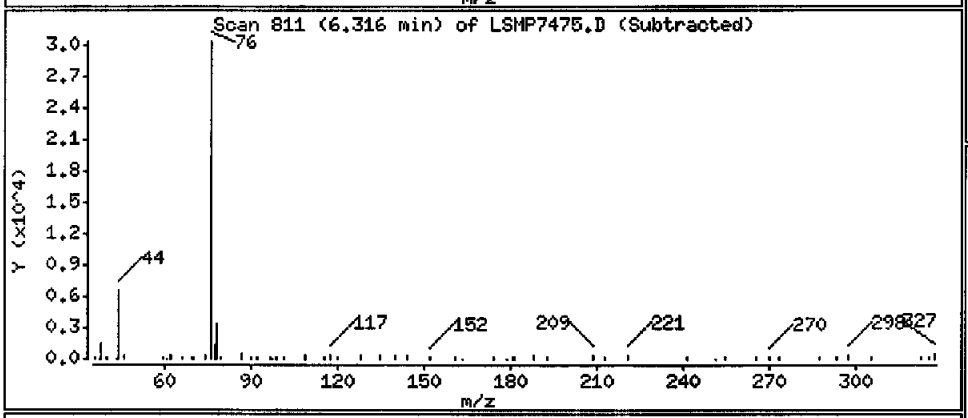
Purge Volume: 25.0 Operator: XIA

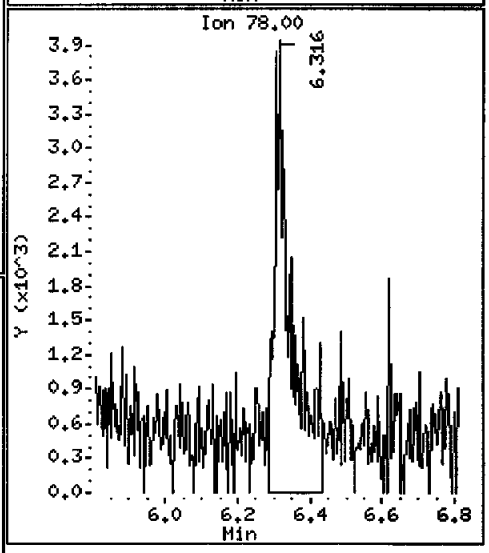
Column phase: RTX-502.2 Column diameter: 0.25

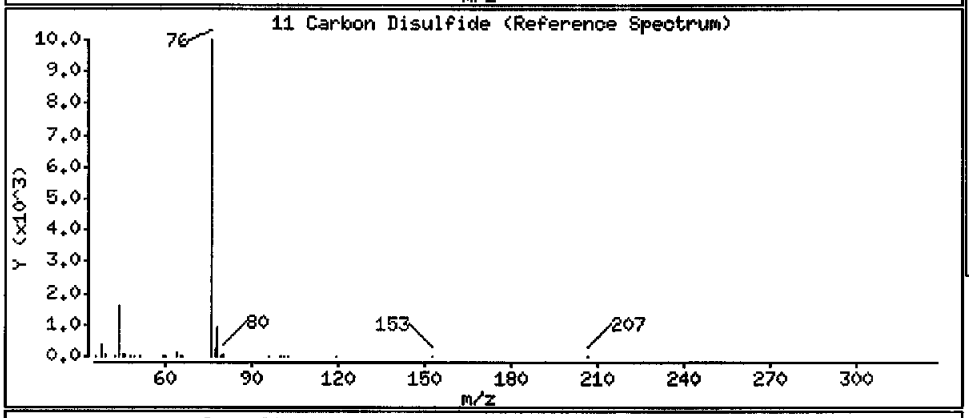
11 Carbon Disulfide Concentration: 1,368 ug/L

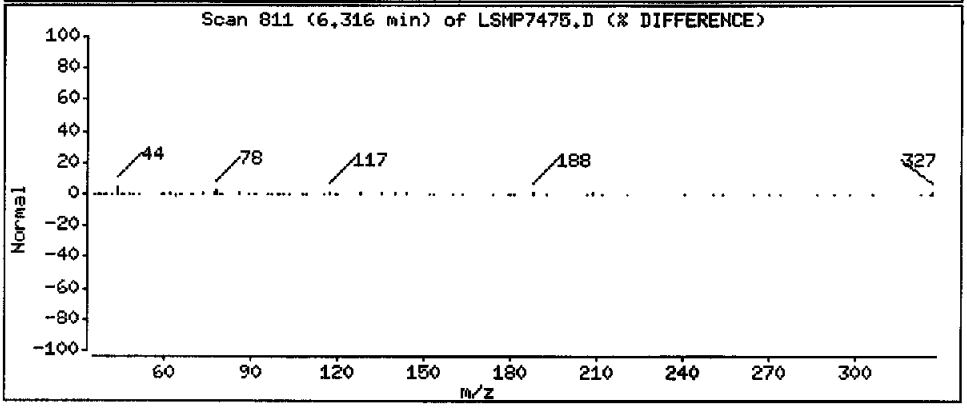












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

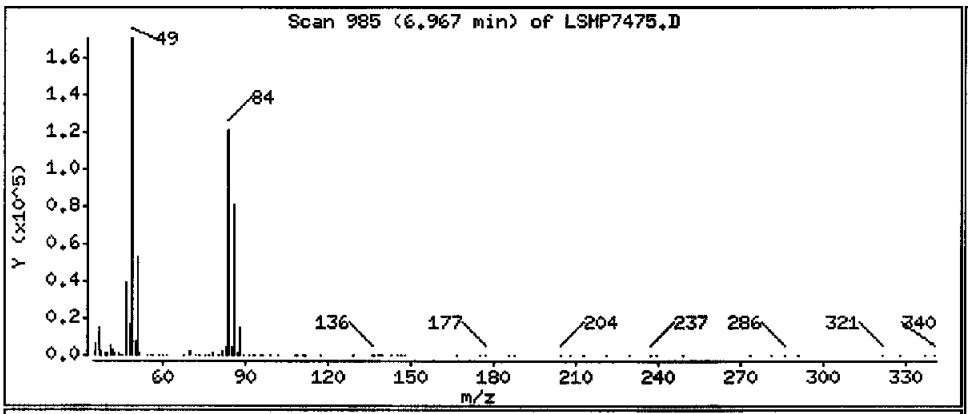
Client ID: M-126 Instrument: MSL.i

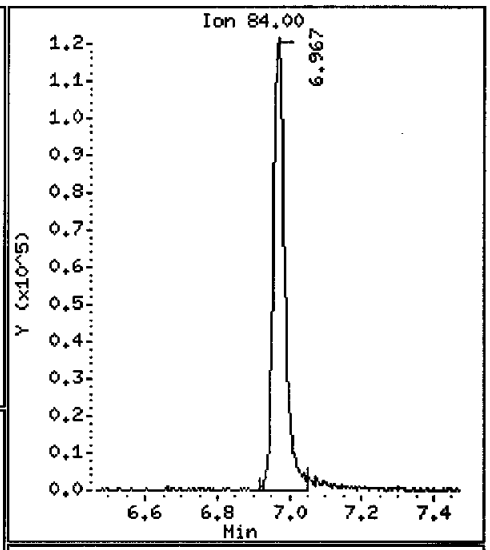
Sample Info: KEE9T2AA

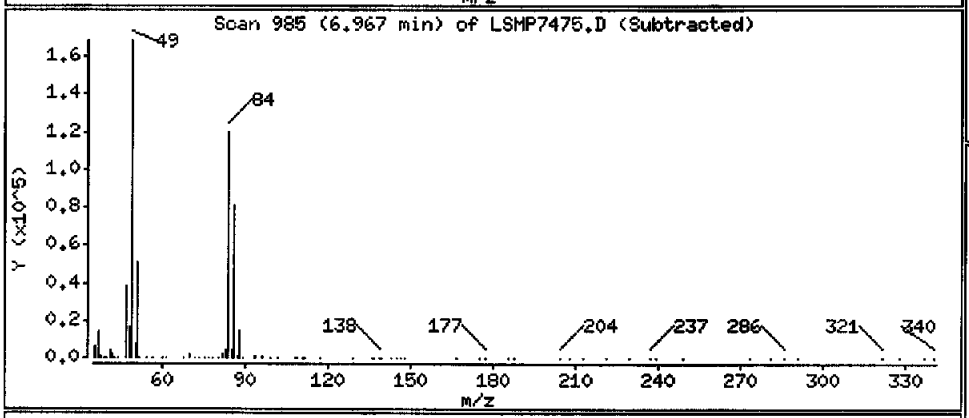
Purge Volume: 25.0 Operator: XIA

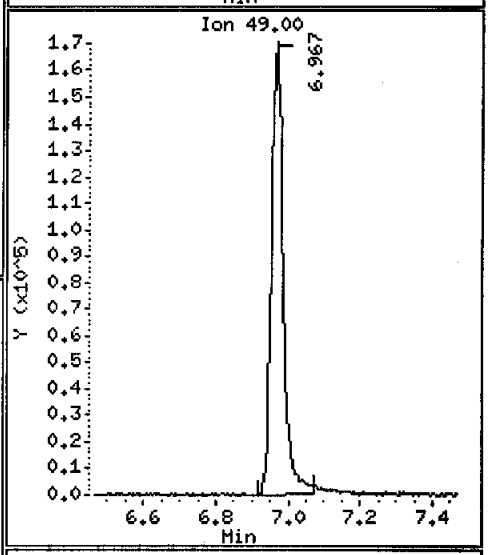
Column phase: RTX-502.2 Column diameter: 0.25

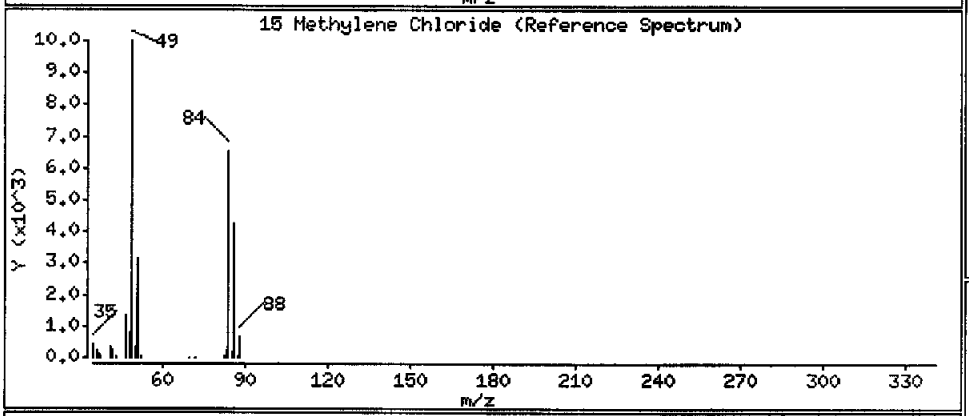
15 Methylene Chloride Concentration: 13.00 ug/L

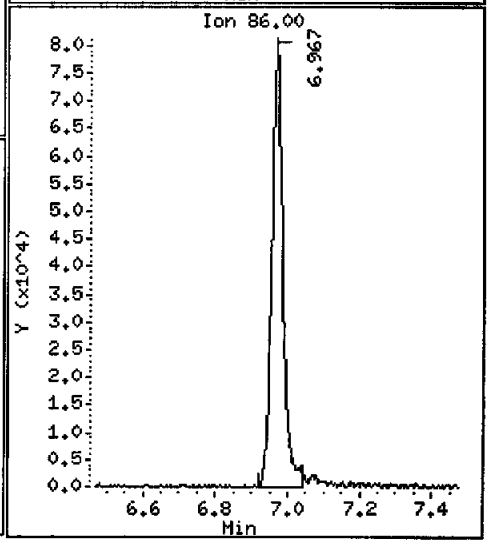


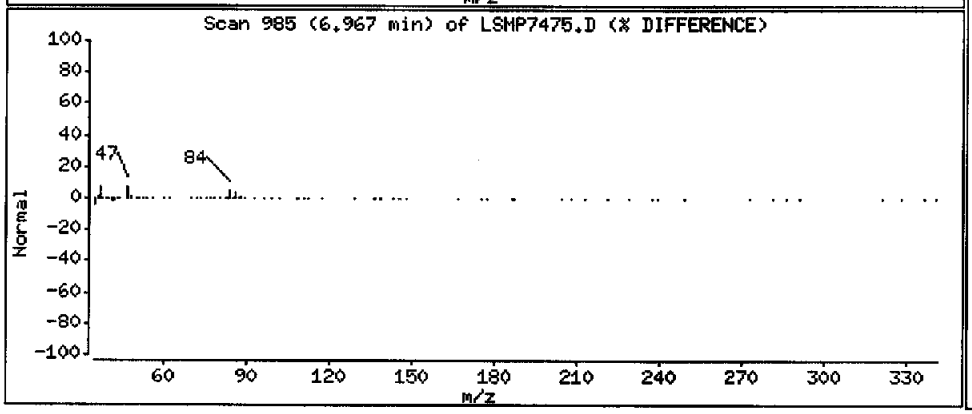












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

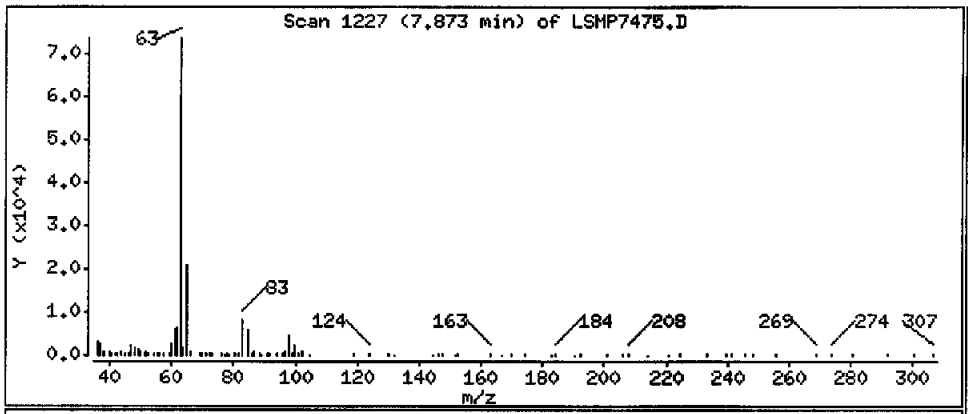
Client ID: M-126 Instrument: MSL.i

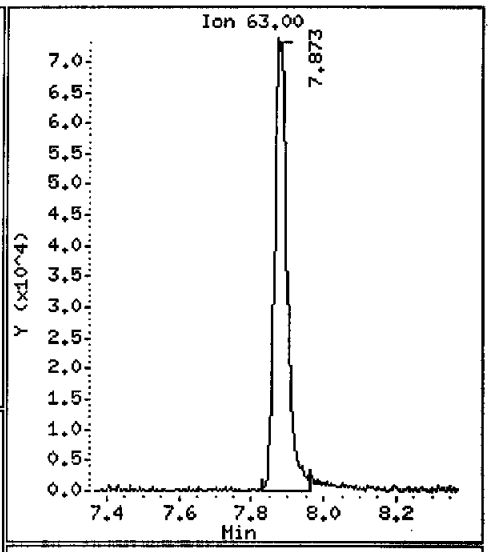
Sample Info: KEE9T2AA

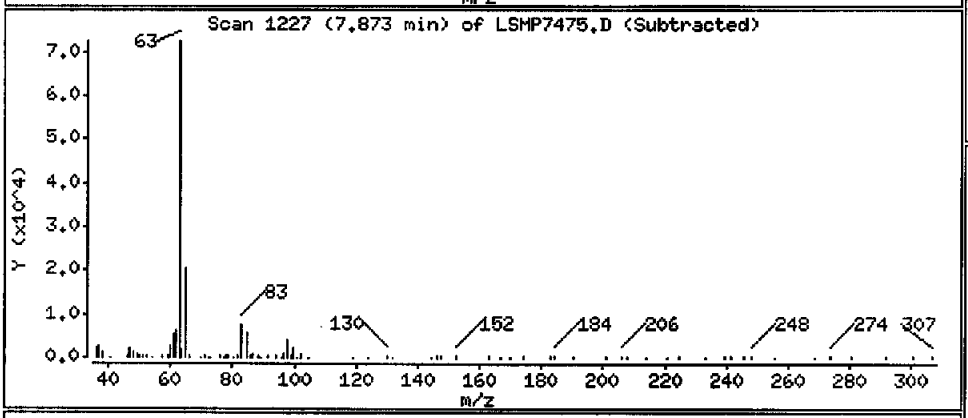
Purge Volume: 25.0 Operator: XIA

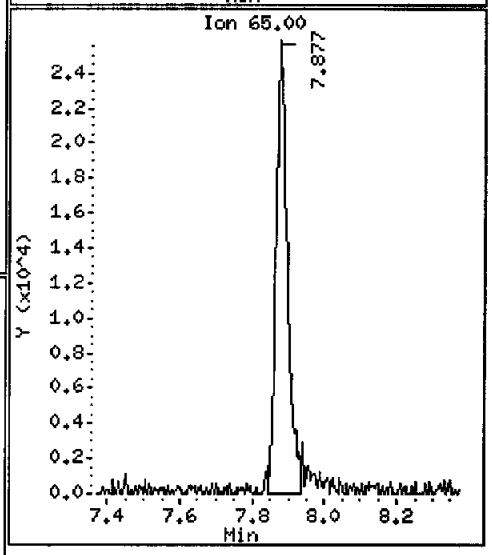
Column phase: RTX-502.2 Column diameter: 0.25

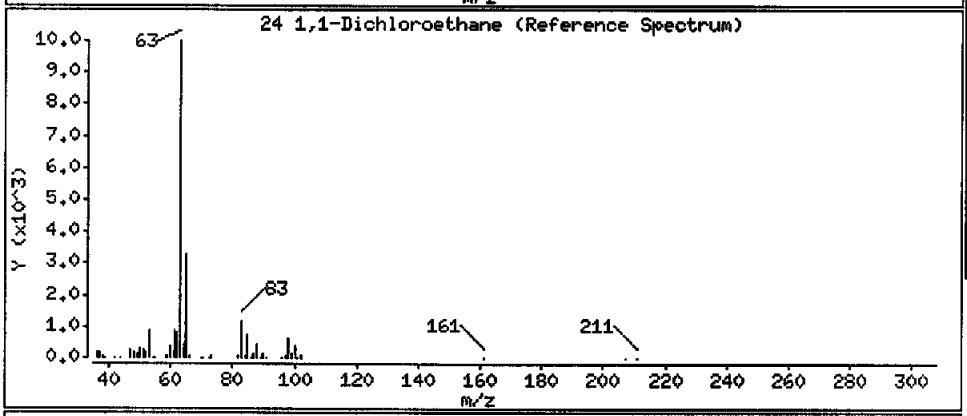
24 1,1-Dichloroethane Concentration: 3.747 ug/L

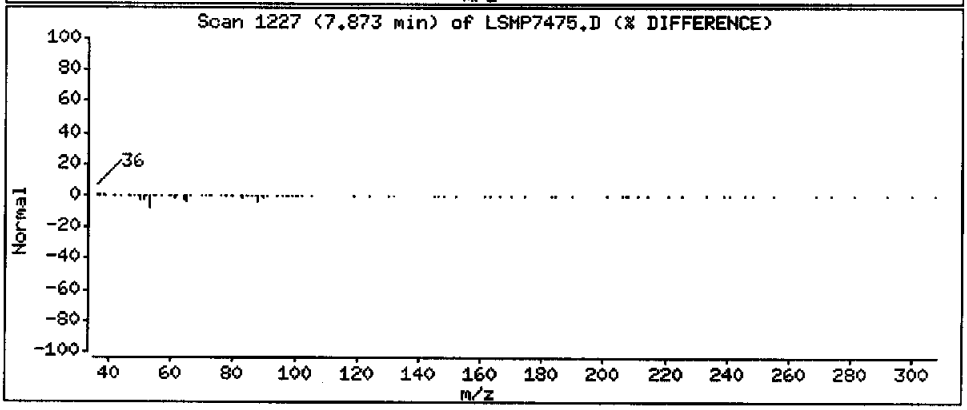












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

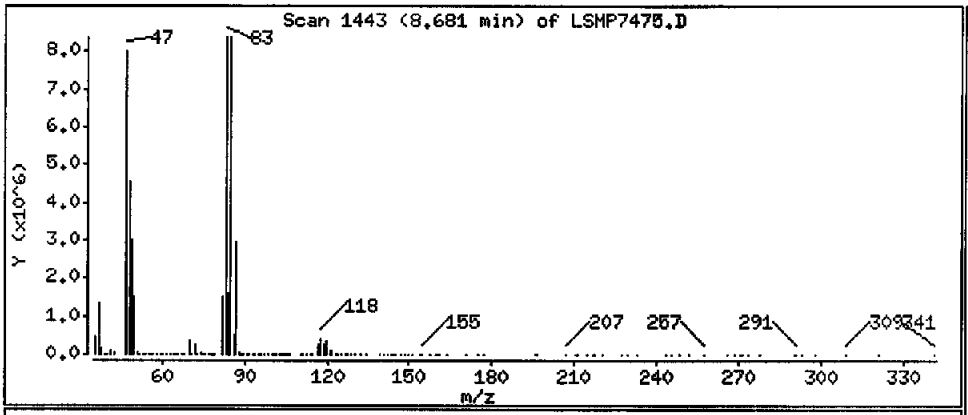
Client ID: M-126 Instrument: MSL.i

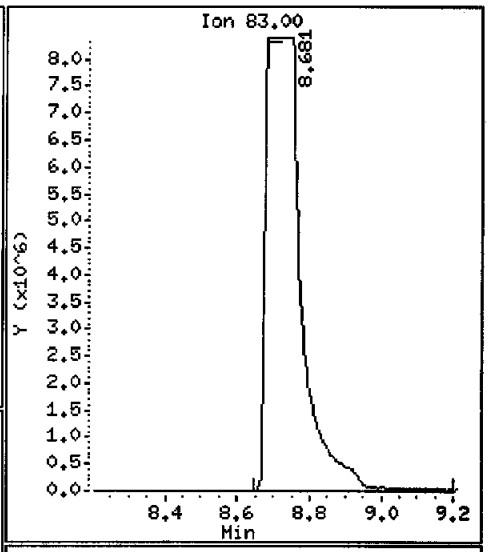
Sample Info: KEE9T2AA

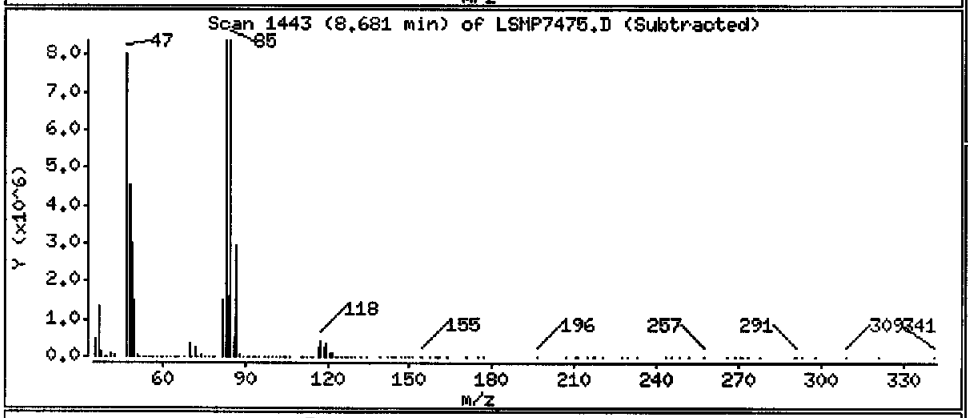
Purge Volume: 25.0 Operator: XIA

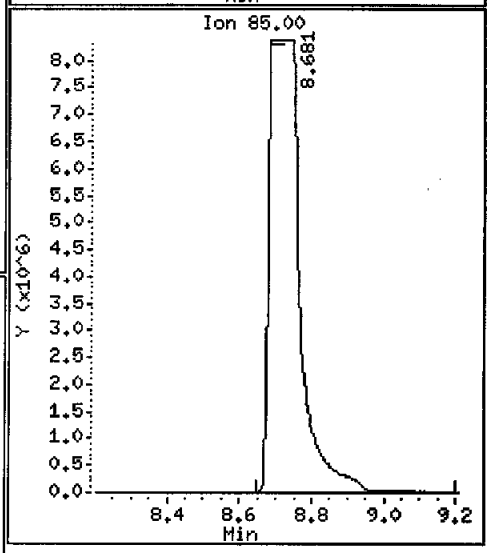
Column phase: RTX-502.2 Column diameter: 0.25

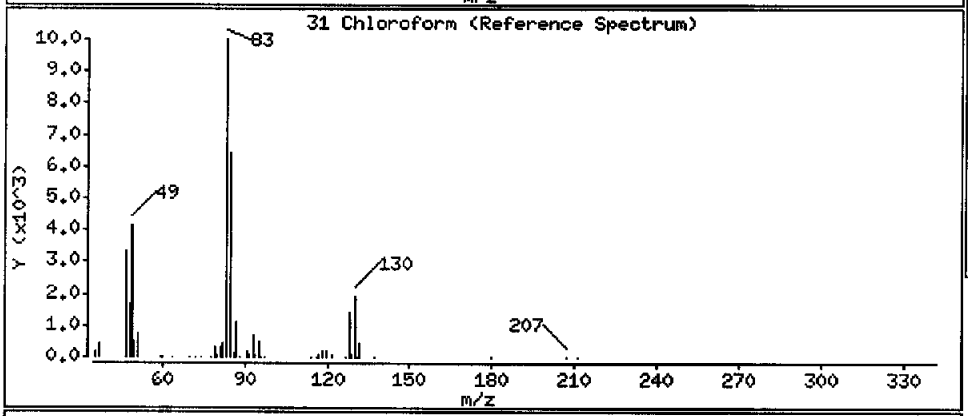
31 Chloroform Concentration: 1489 ug/L

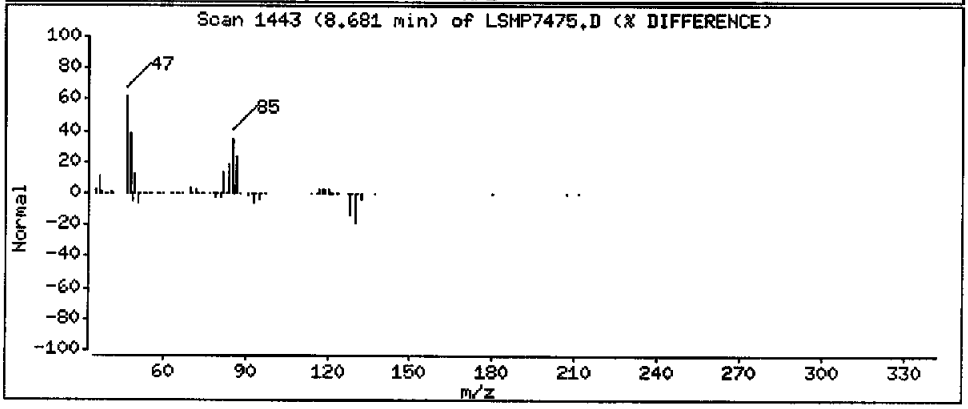












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

Client ID: M-126

Instrument: MSL.i

Sample Info: KEE9T2AA

Purge Volume: 25.0

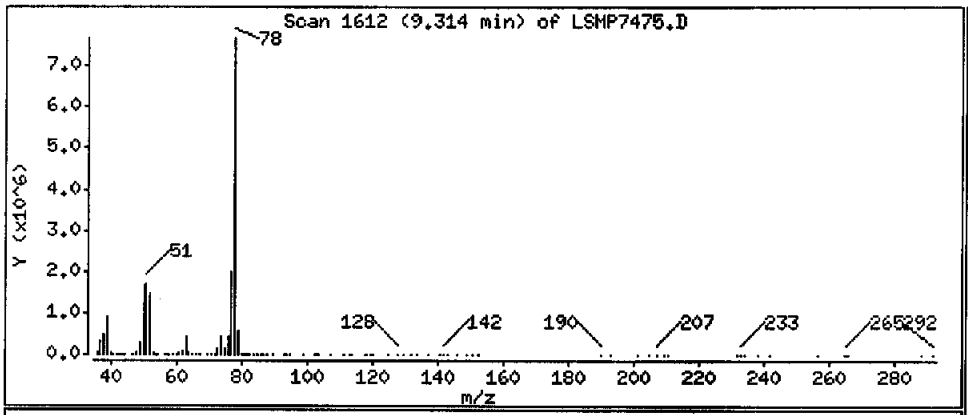
Operator: XIA

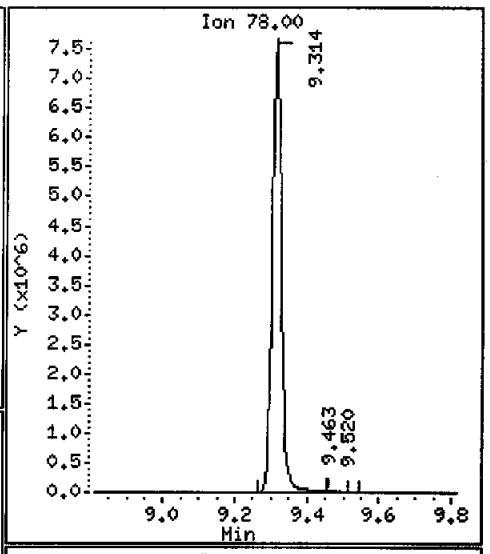
Column phase: RTX-502.2

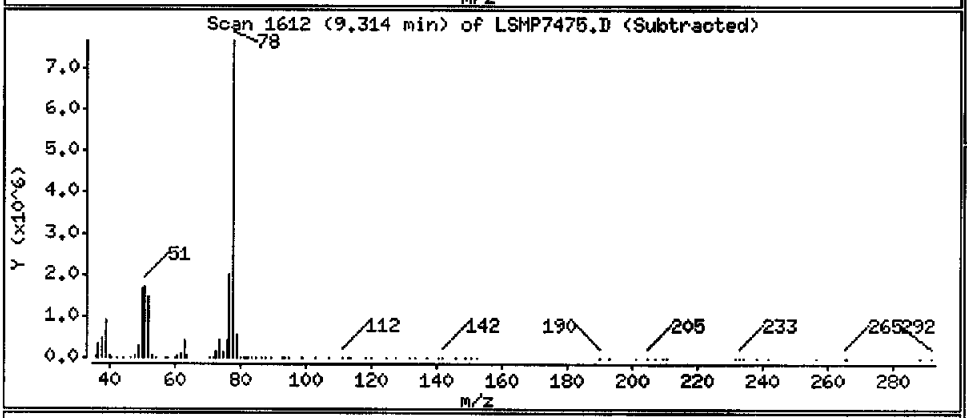
Column diameter: 0.25

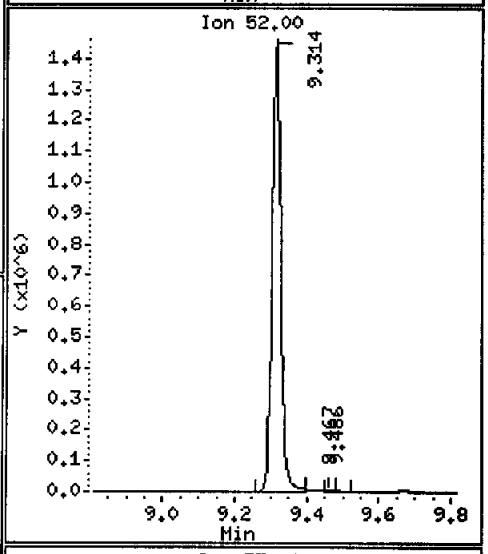
40 Benzene

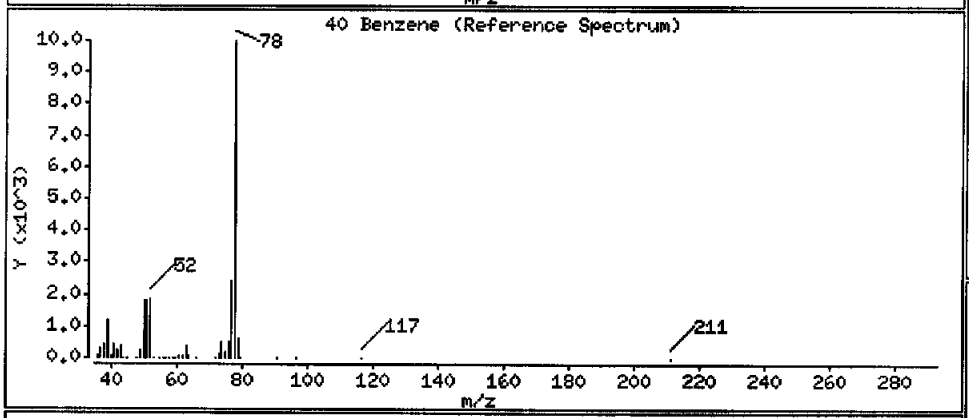
Concentration: 125.4 ug/L

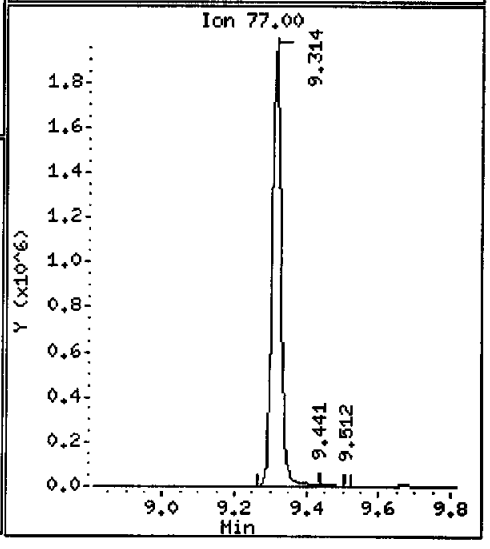


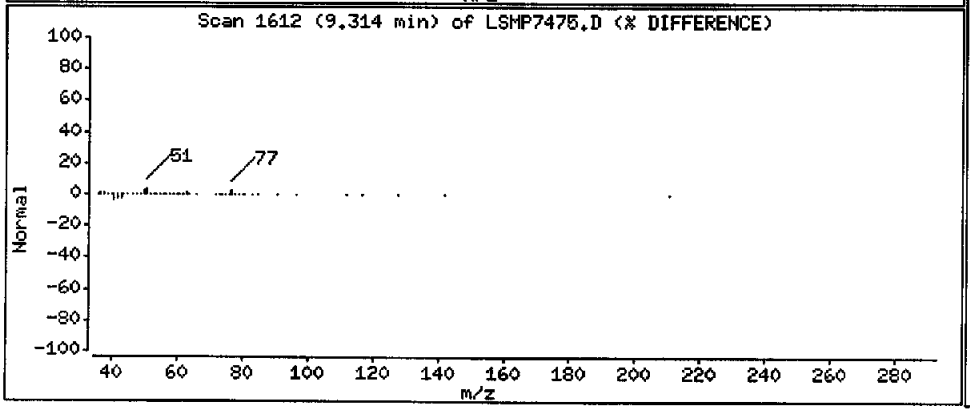












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

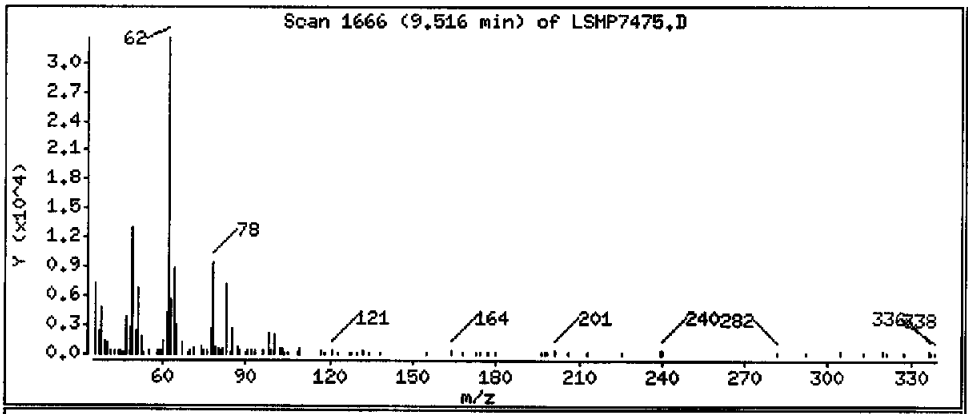
Client ID: M-126 Instrument: MSL.i

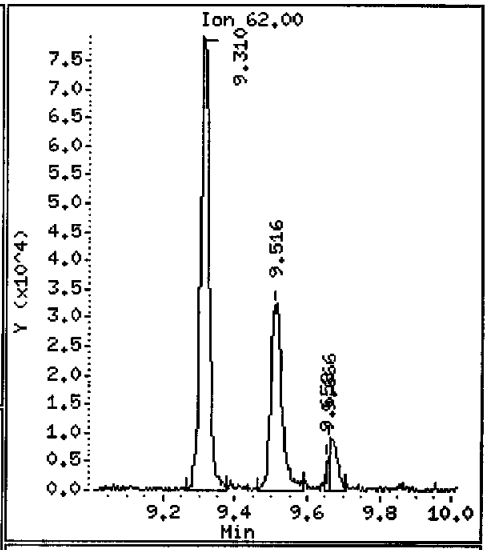
Sample Info: KEE9T2AA

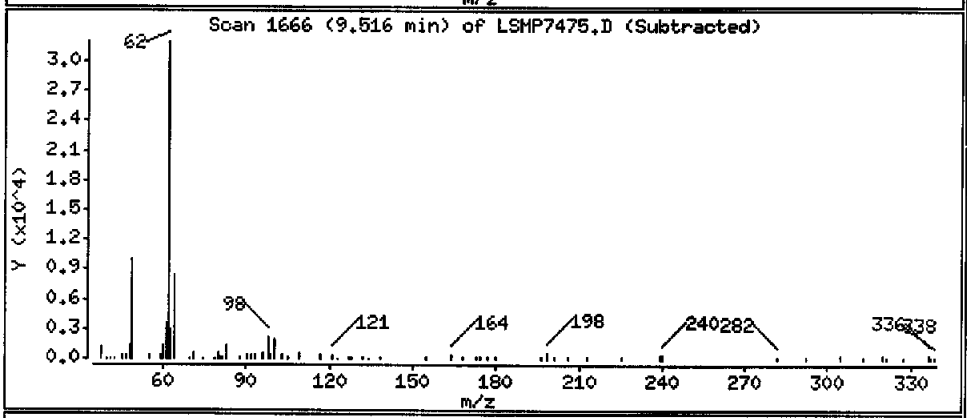
Purge Volume: 25.0 Operator: XIA

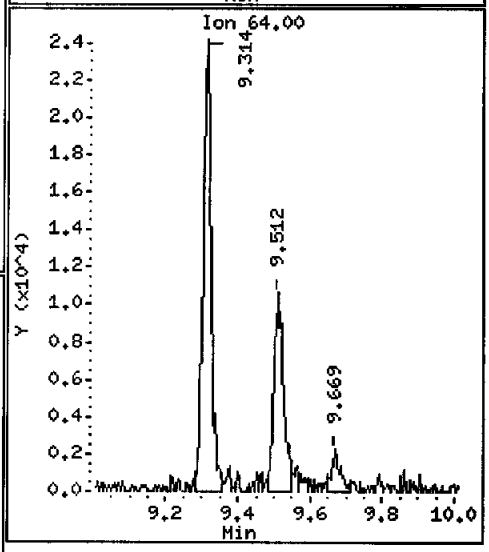
Column phase: RTX-502.2 Column diameter: 0.25

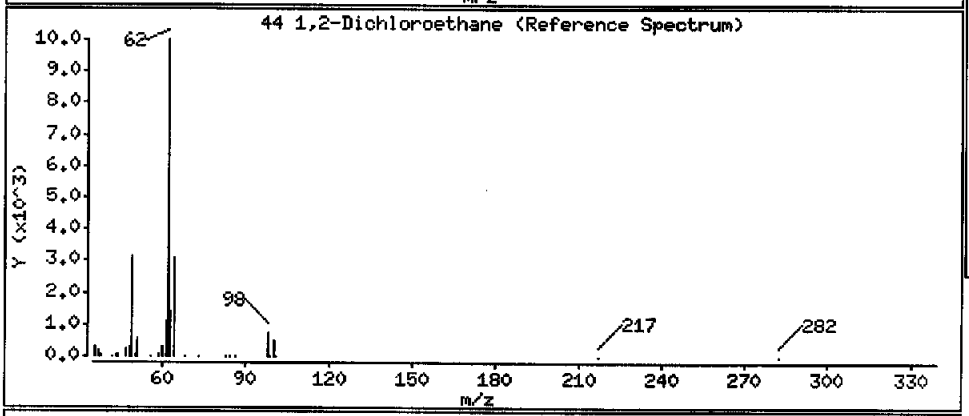
44 1,2-Dichloroethane Concentration: 4.850 ug/L

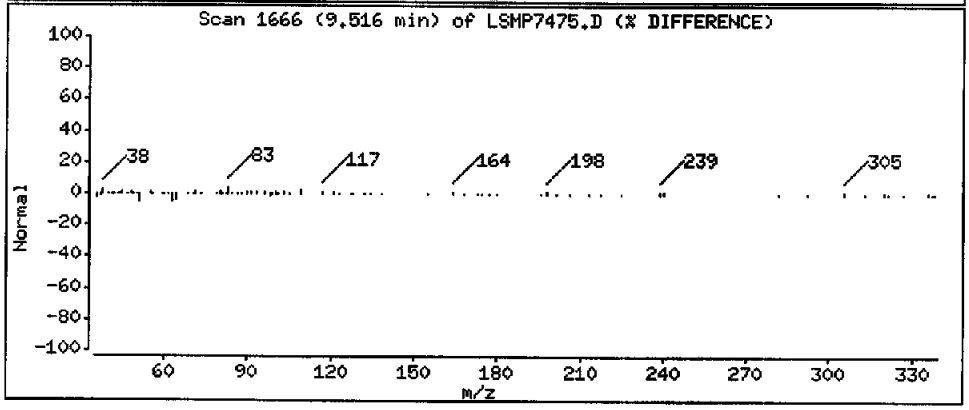












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

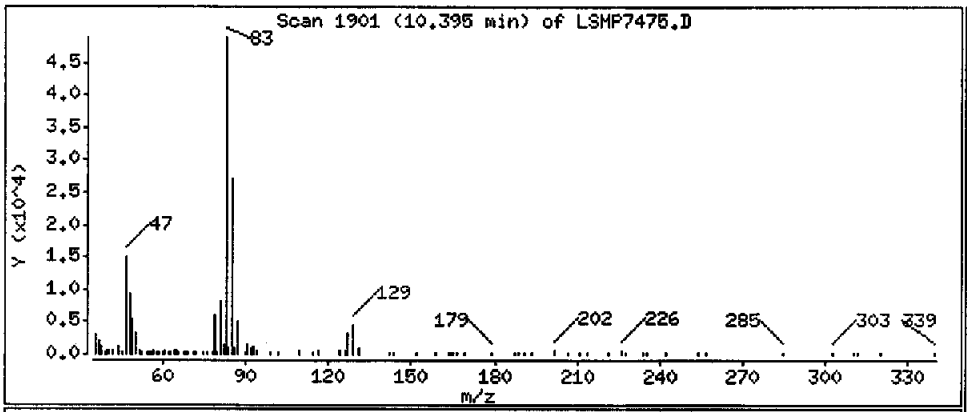
Client ID: M-126 Instrument: MSL.i

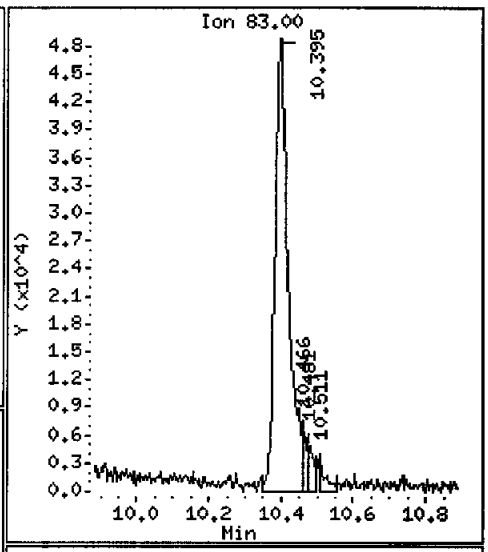
Sample Info: KEE9T2AA

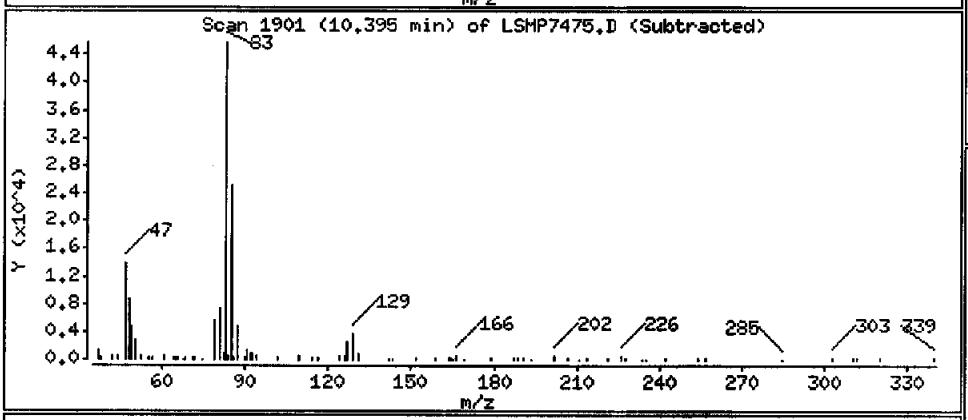
Purge Volume: 25.0 Operator: XIA

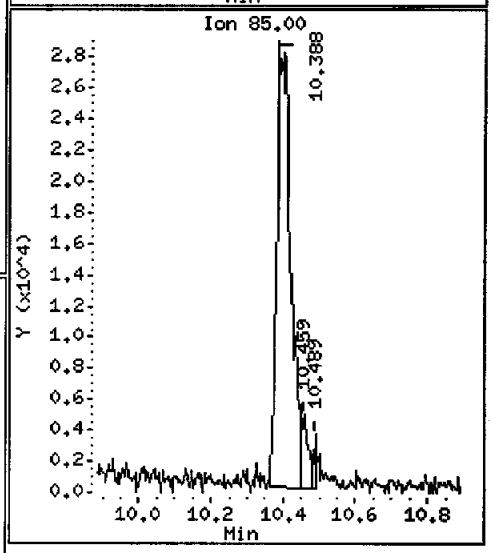
Column phase: RTX-502.2 Column diameter: 0.25

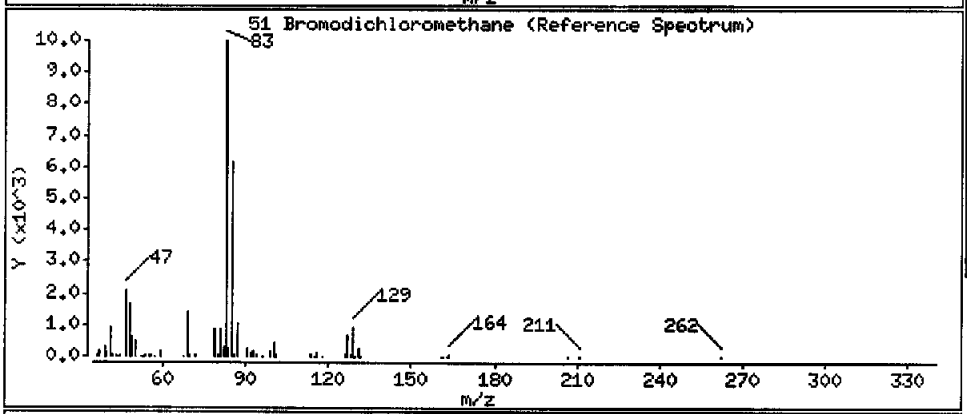
51 Bromodichloromethane Concentration: 6.226 ug/L

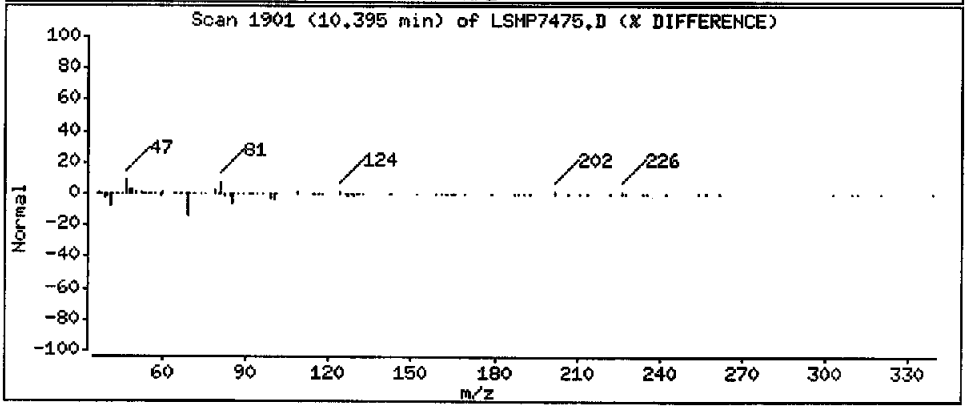












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

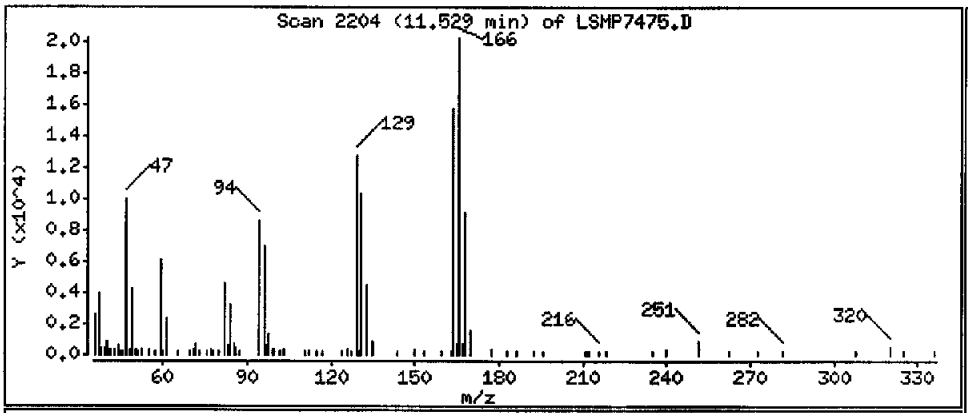
Client ID: M-126 Instrument: MSL.i

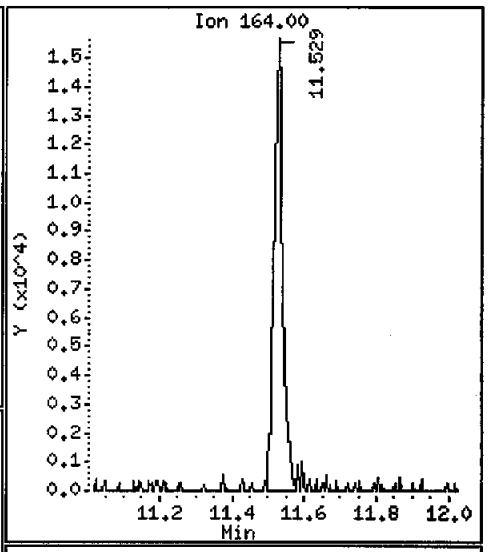
Sample Info: KEE9T2AA

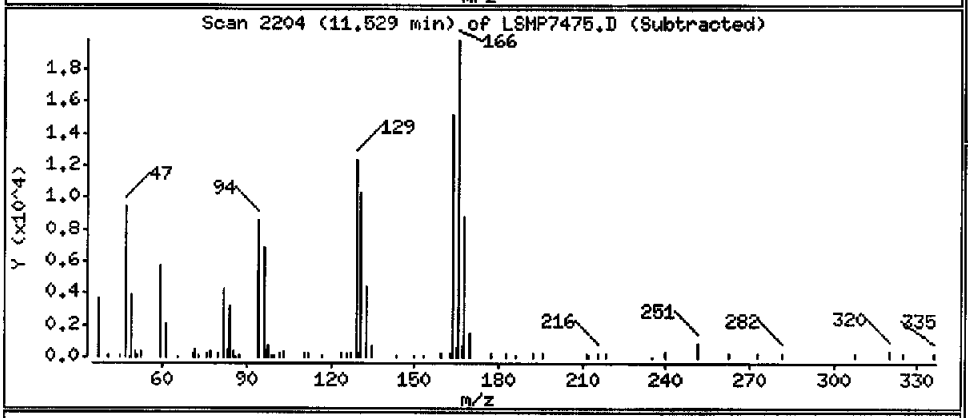
Purge Volume: 25.0 Operator: XIA

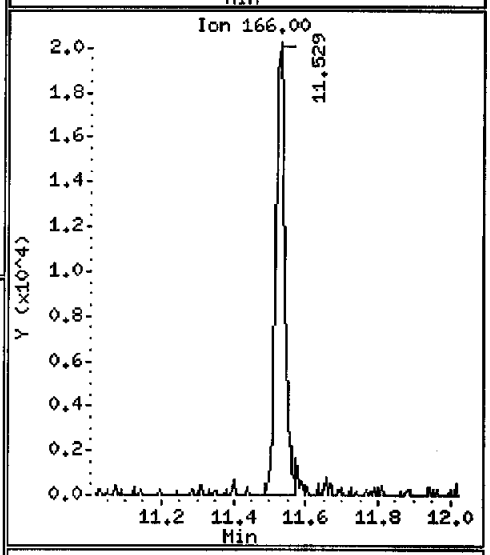
Column phase: RTX-502.2 Column diameter: 0.25

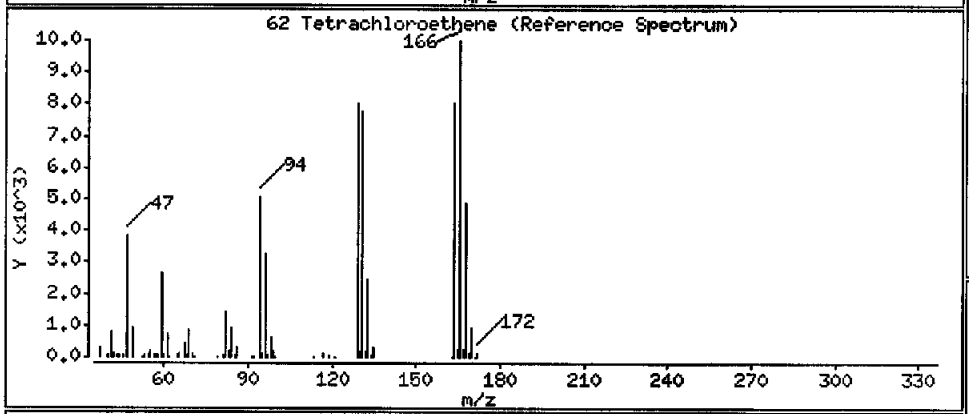
62 Tetrachloroethene Concentration: 0.9020 ug/L

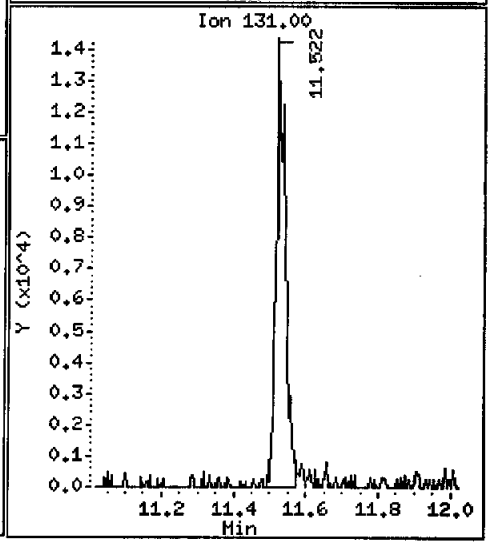


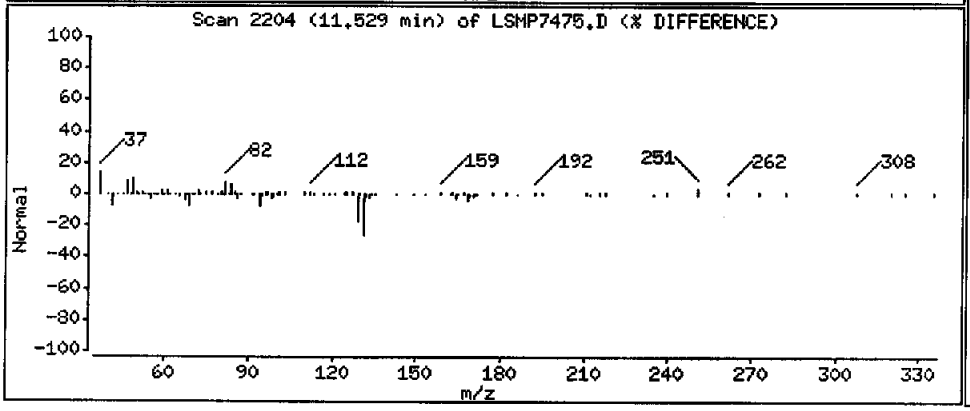












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

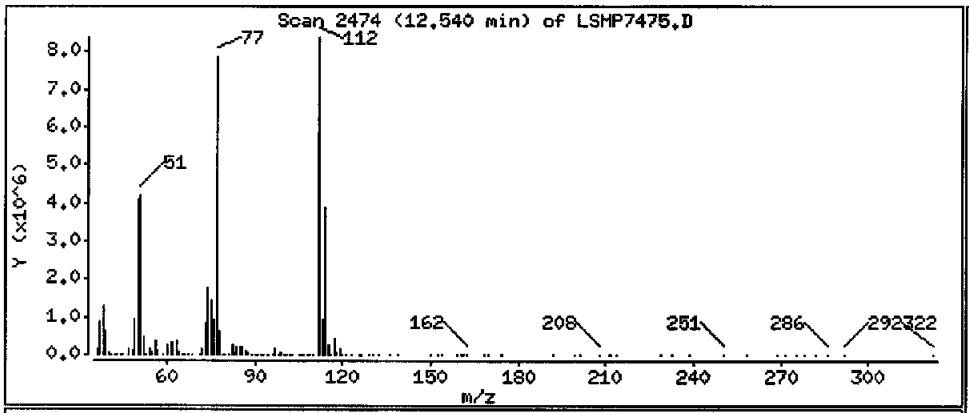
Client ID: M-126 Instrument: MSL.i

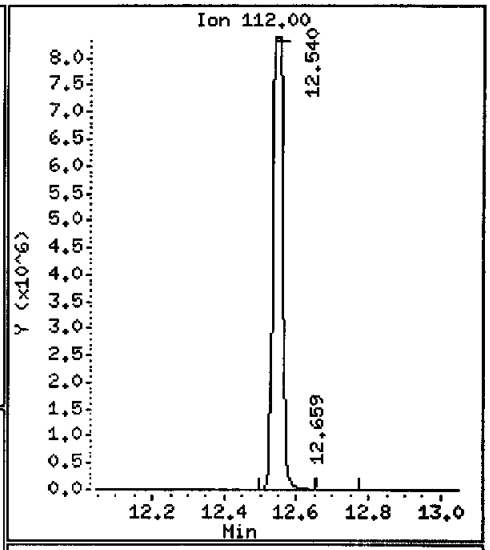
Sample Info: KEE9T2AA

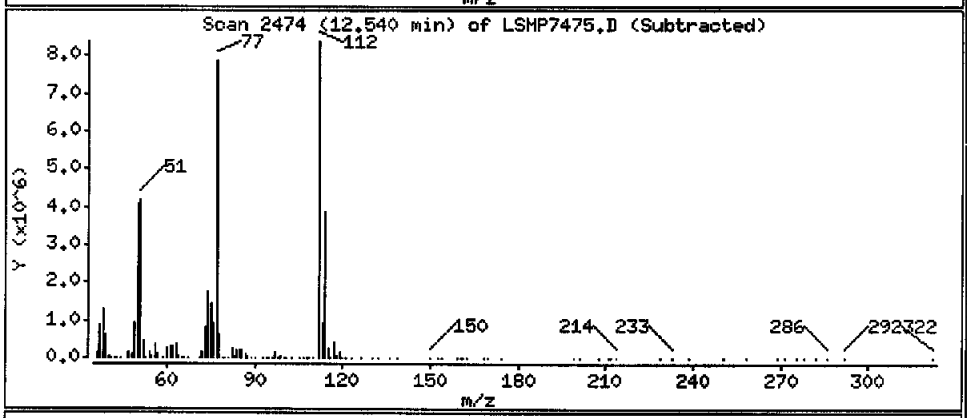
Purge Volume: 25.0 Operator: XIA

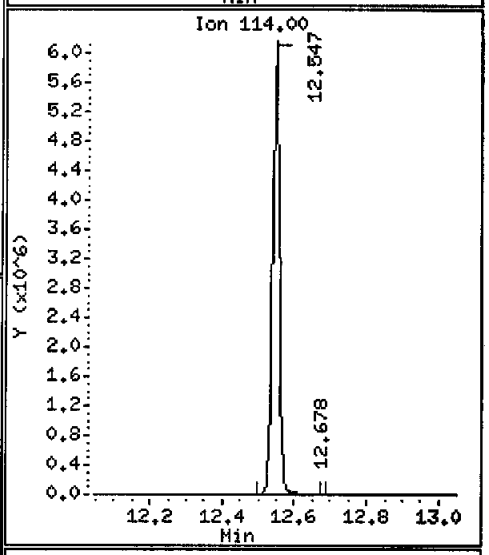
Column phase: RTX-502.2 Column diameter: 0.25

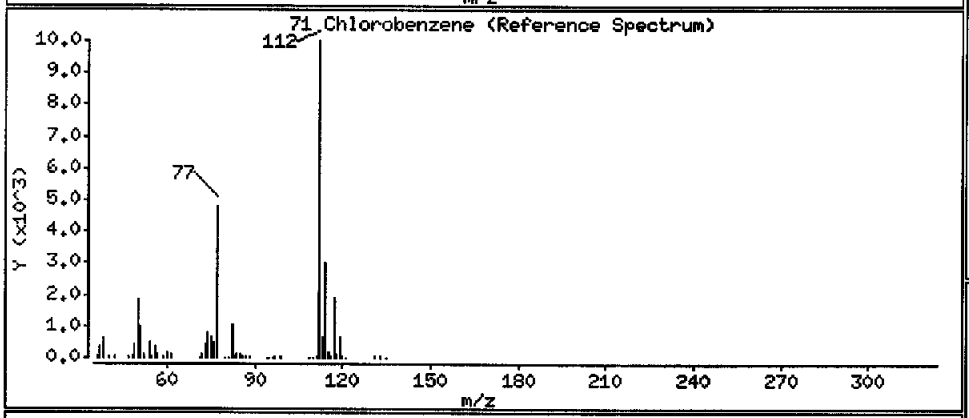
71 Chlorobenzene Concentration: 168.2 ug/L

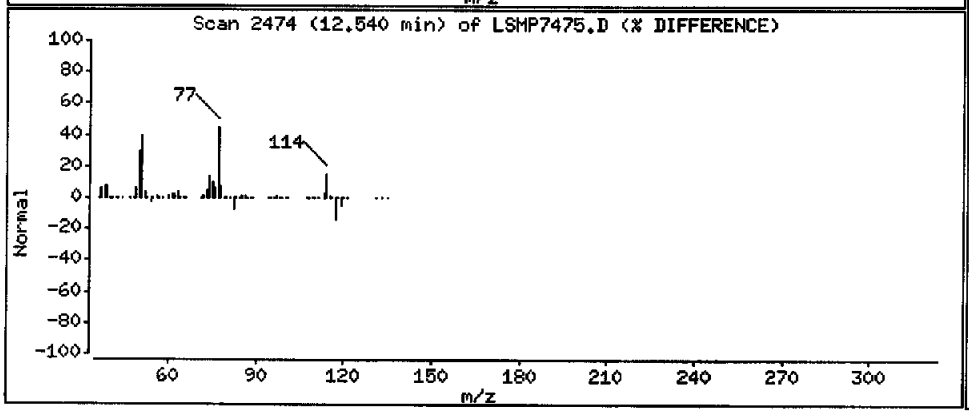


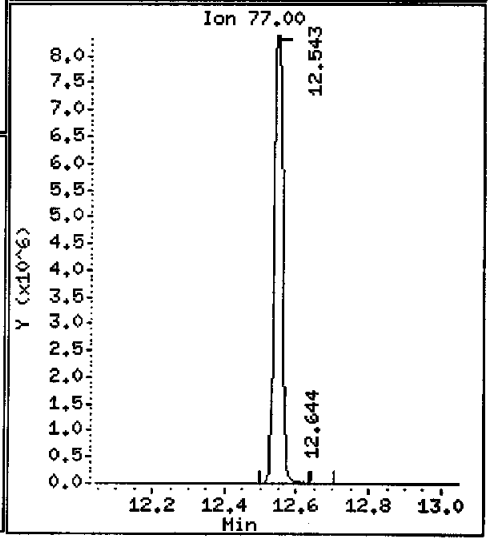












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

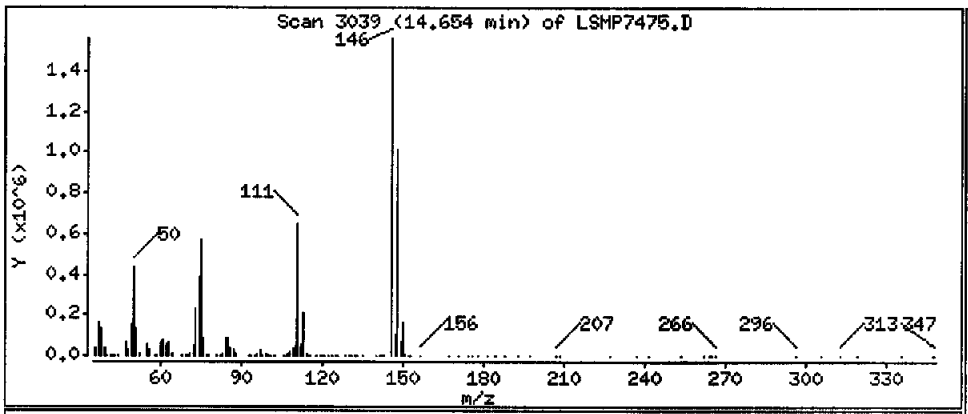
Client ID: M-126 Instrument: MSL.i

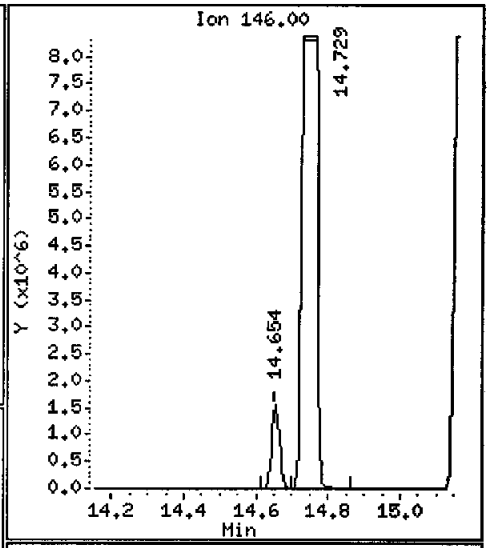
Sample Info: KEE9T2AA

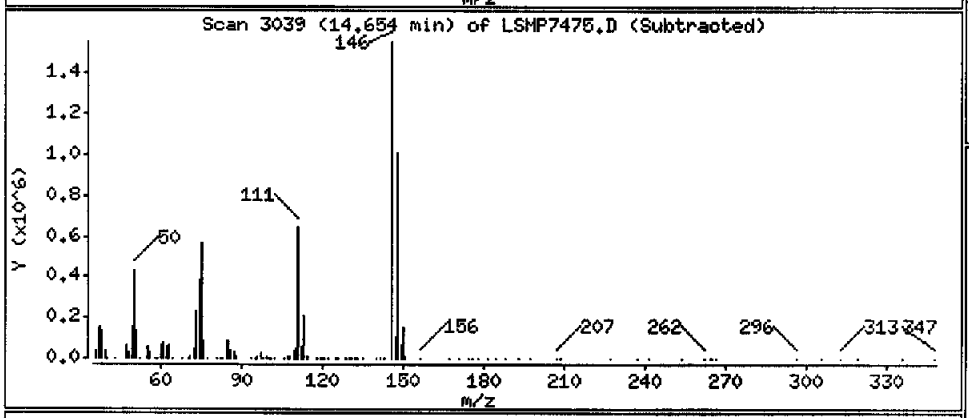
Purge Volume: 25.0 Operator: XIA

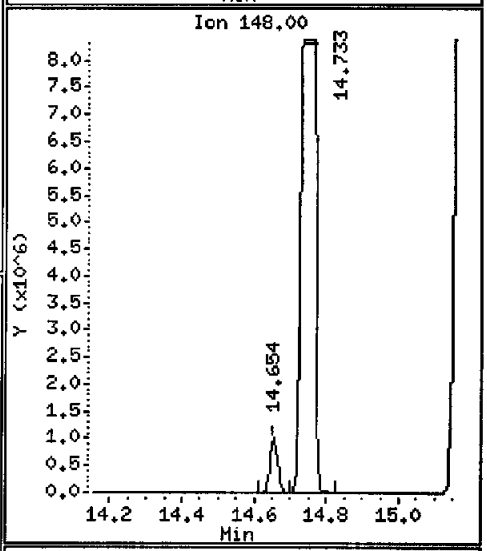
Column phase: RTX-502.2 Column diameter: 0.25

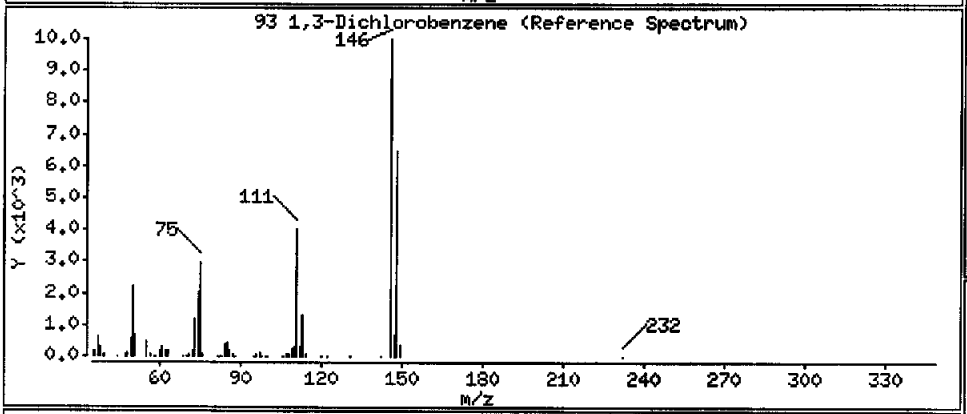
93 1,3-Dichlorobenzene Concentration: 18.42 ug/L

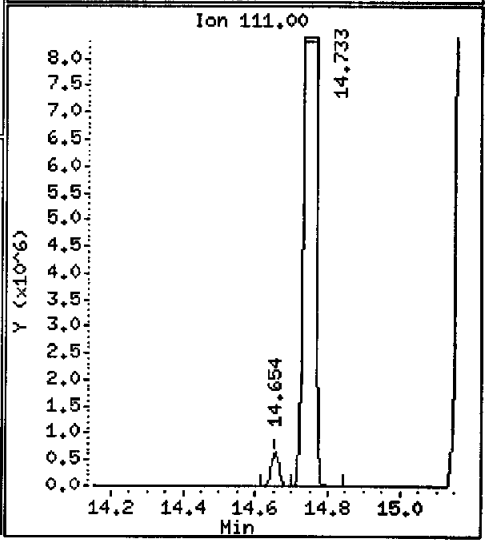


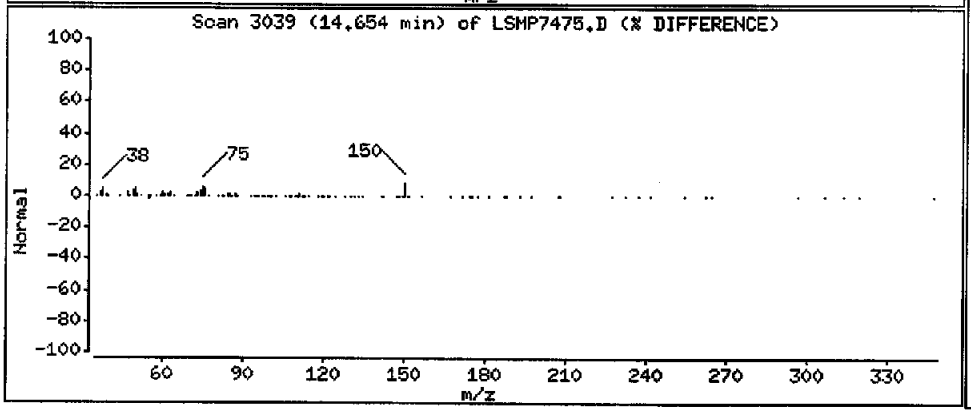












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

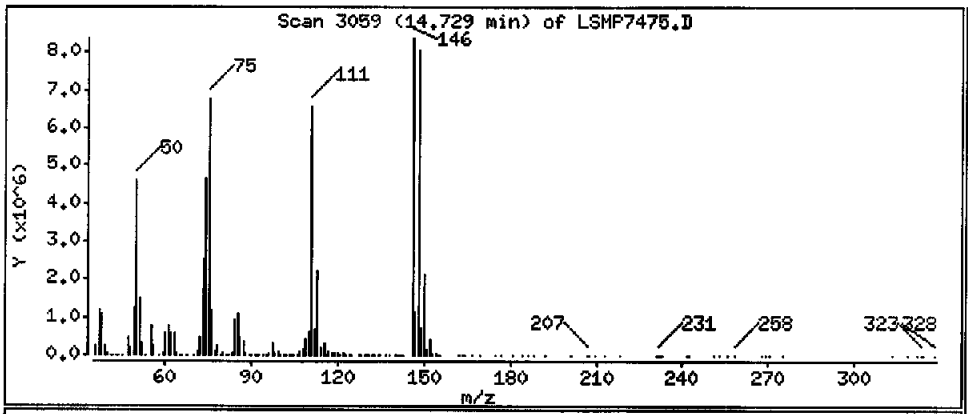
Client ID: M-126 Instrument: MSL.i

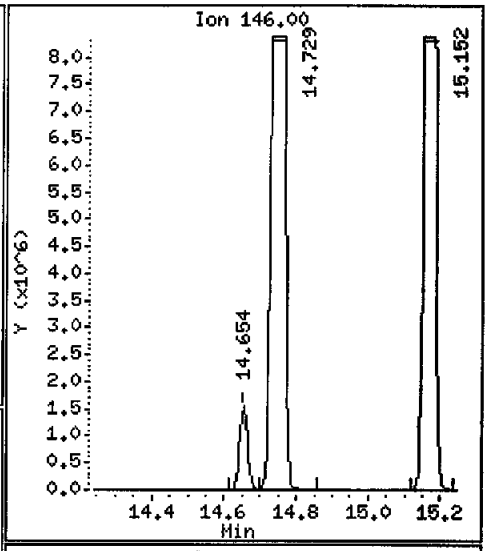
Sample Info: KEE9T2AA

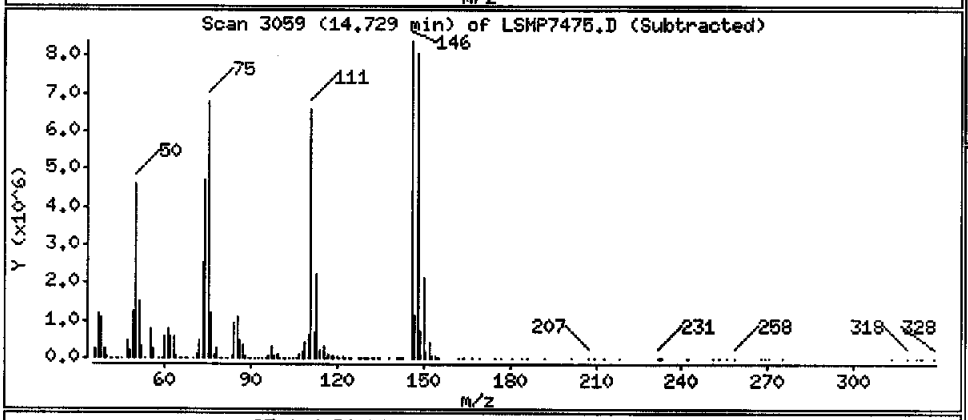
Purge Volume: 25.0 Operator: XIA

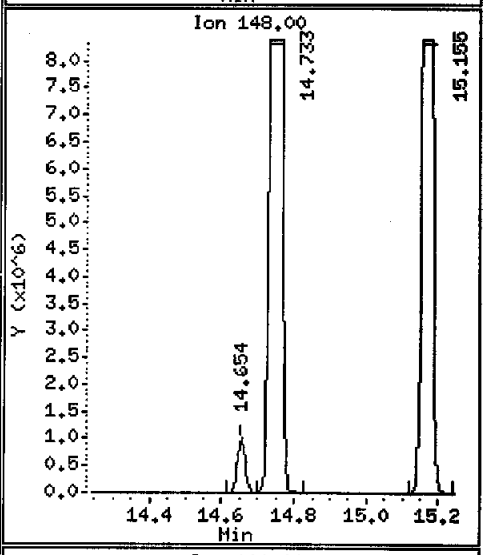
Column phase: RTX-502.2 Column diameter: 0.25

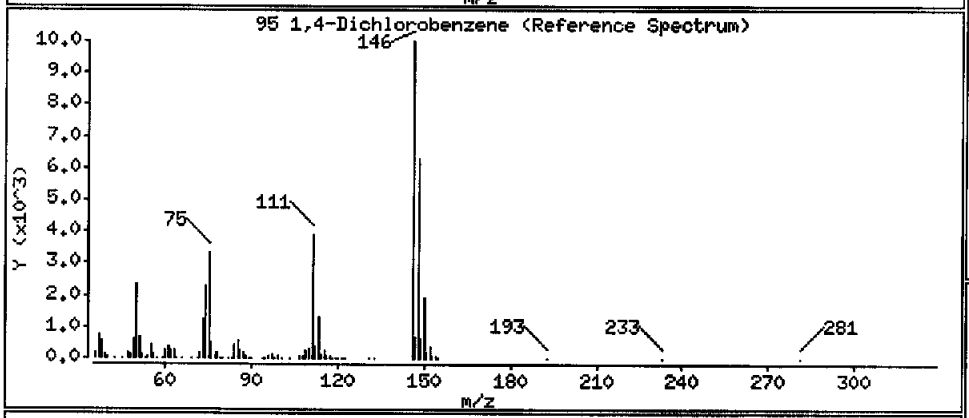
95 1,4-Dichlorobenzene Concentration: 195.4 ug/L

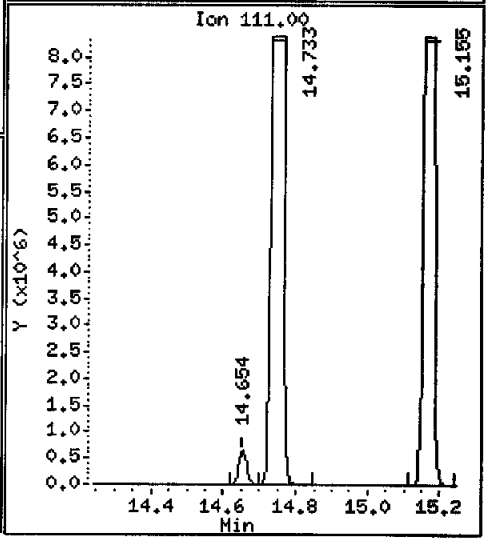


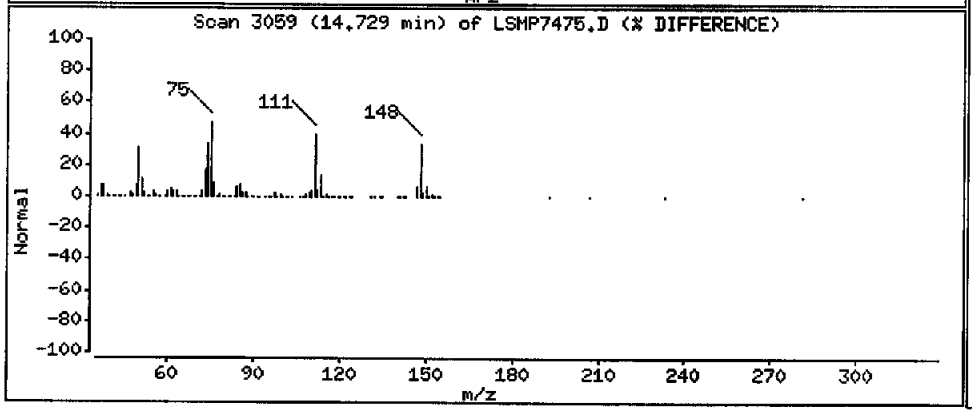












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

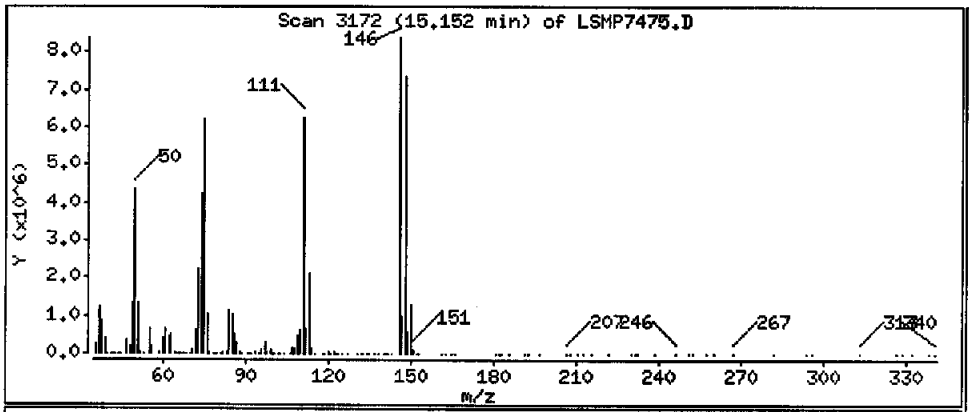
Client ID: M-126 Instrument: MSL.i

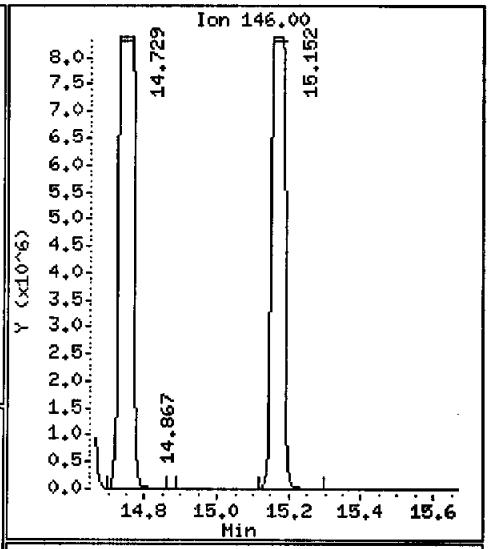
Sample Info: KEE9T2AA

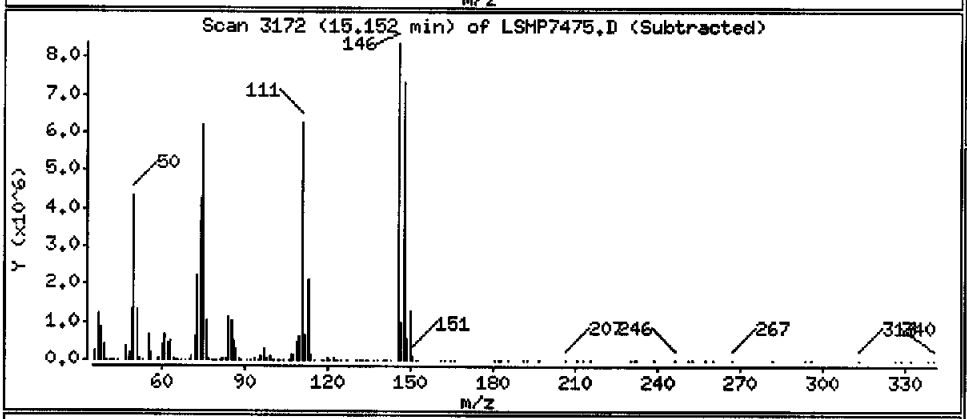
Purge Volume: 25.0 Operator: XIA

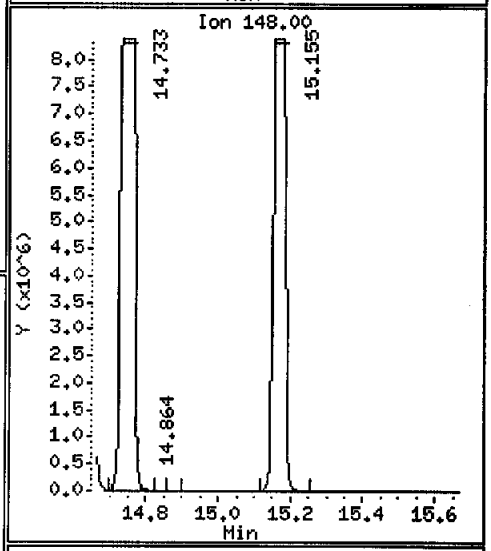
Column phase: RTX-502.2 Column diameter: 0.25

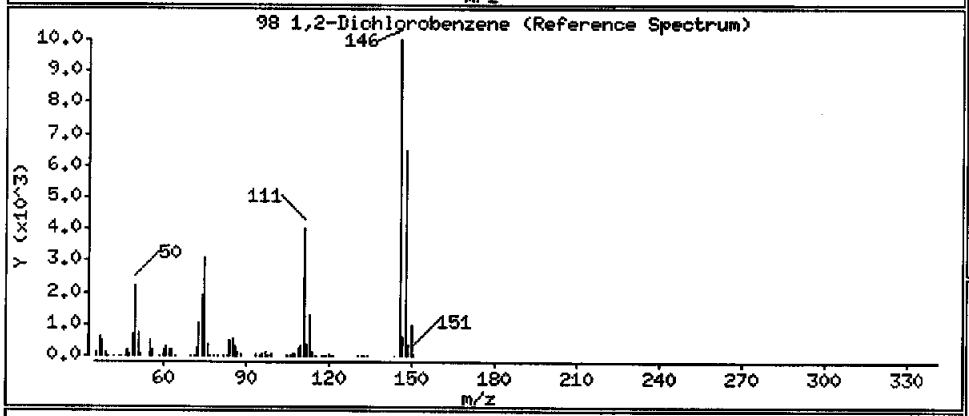
98 1,2-Dichlorobenzene Concentration: 227.2 ug/L

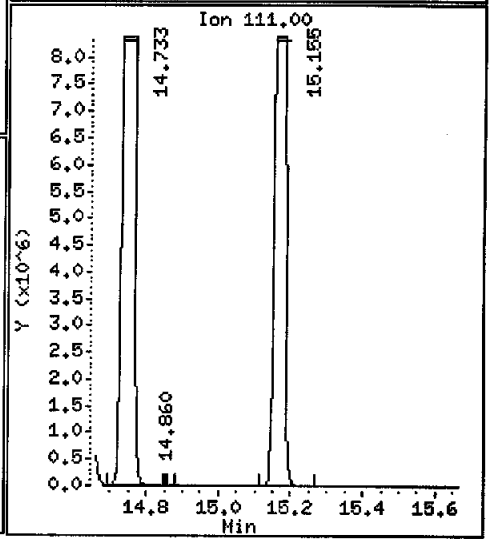


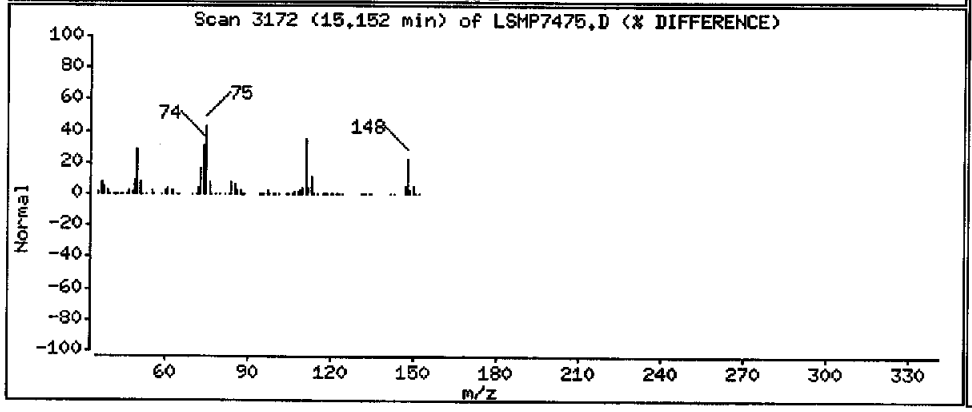






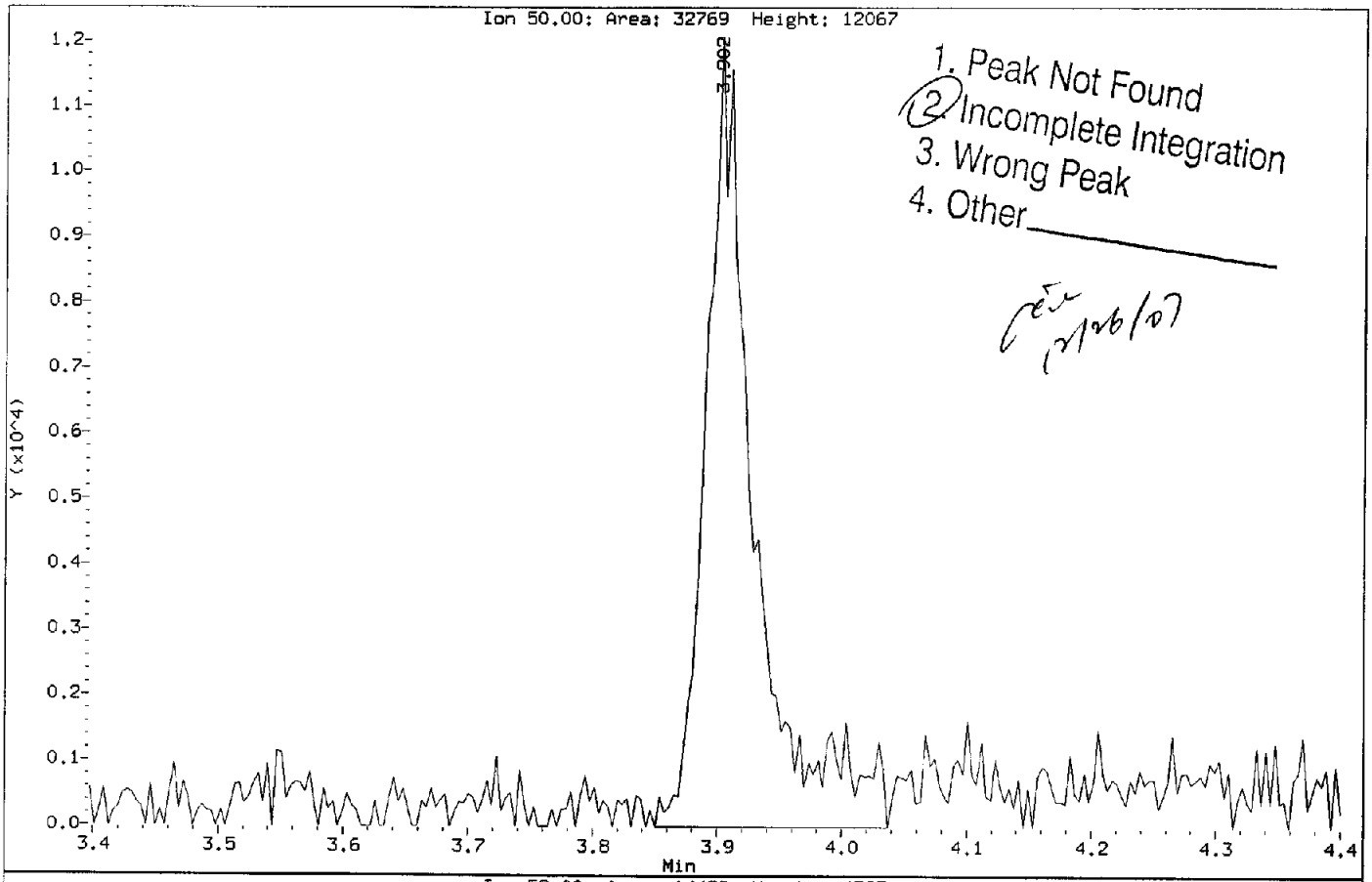


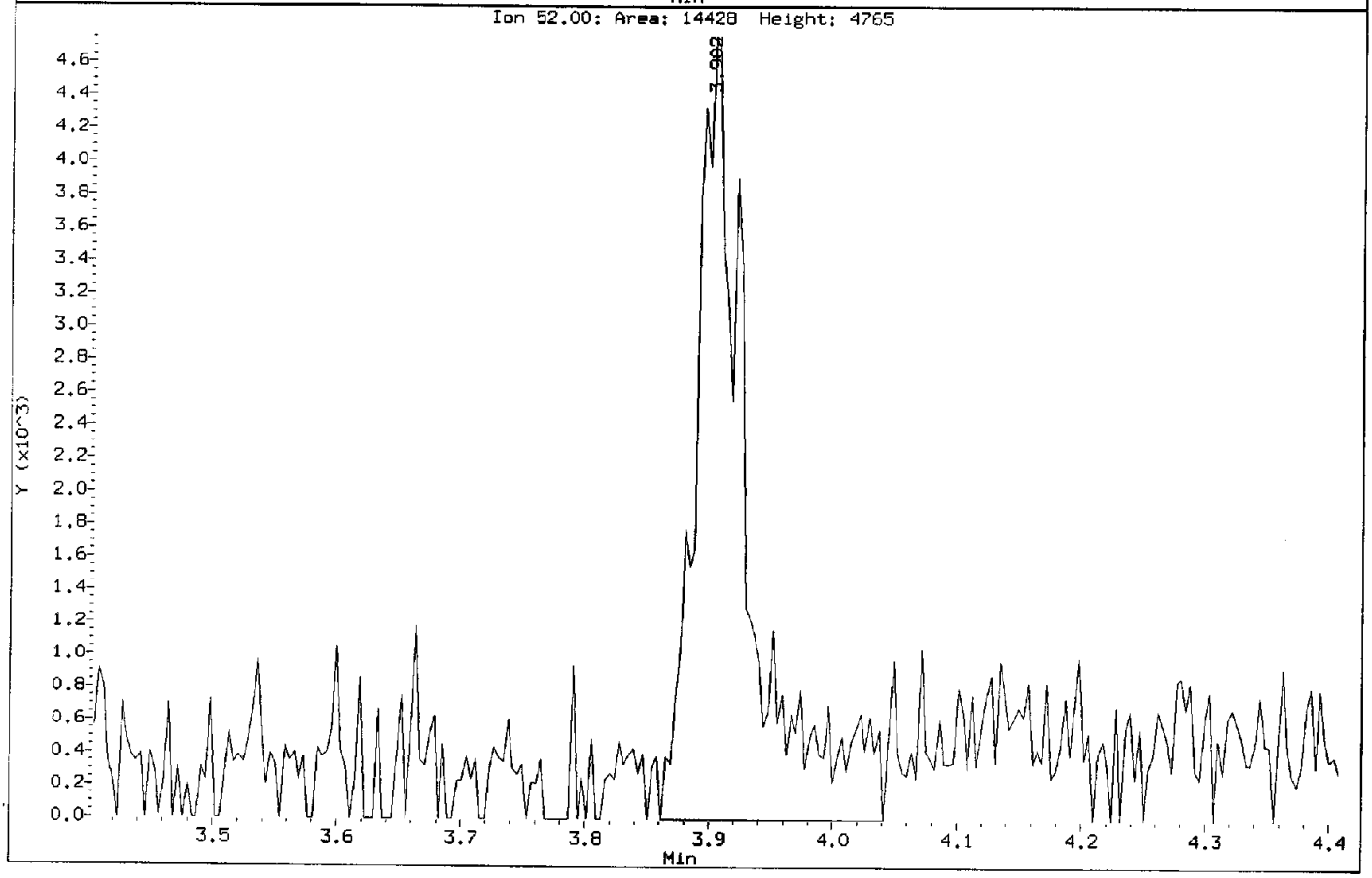




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D
Injection Date: 24-DEC-2007 21:05
Instrument: MSL.i
Client Sample ID: M-126

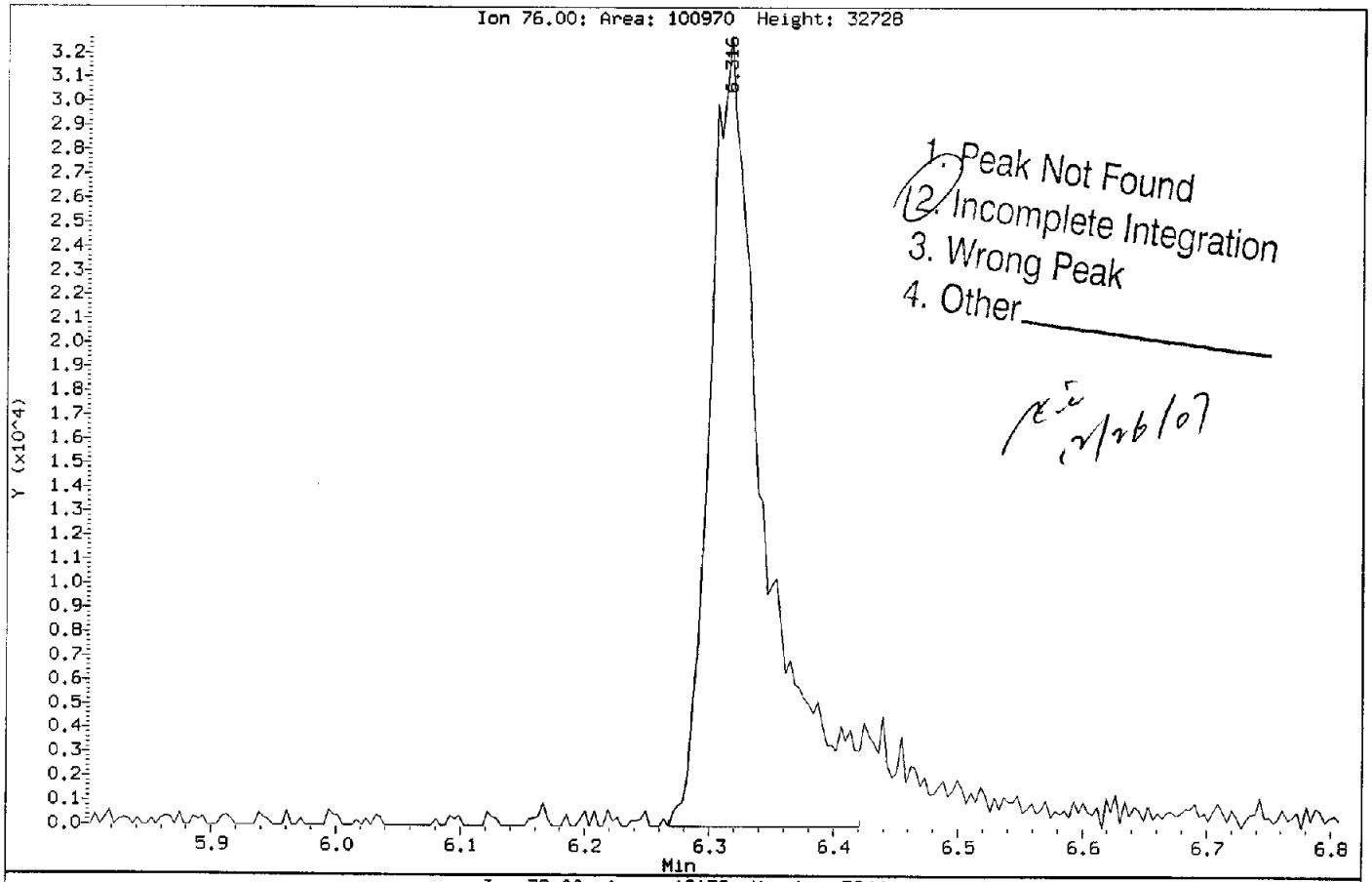
Compound: Chloromethane
CAS Number: 74-87-3

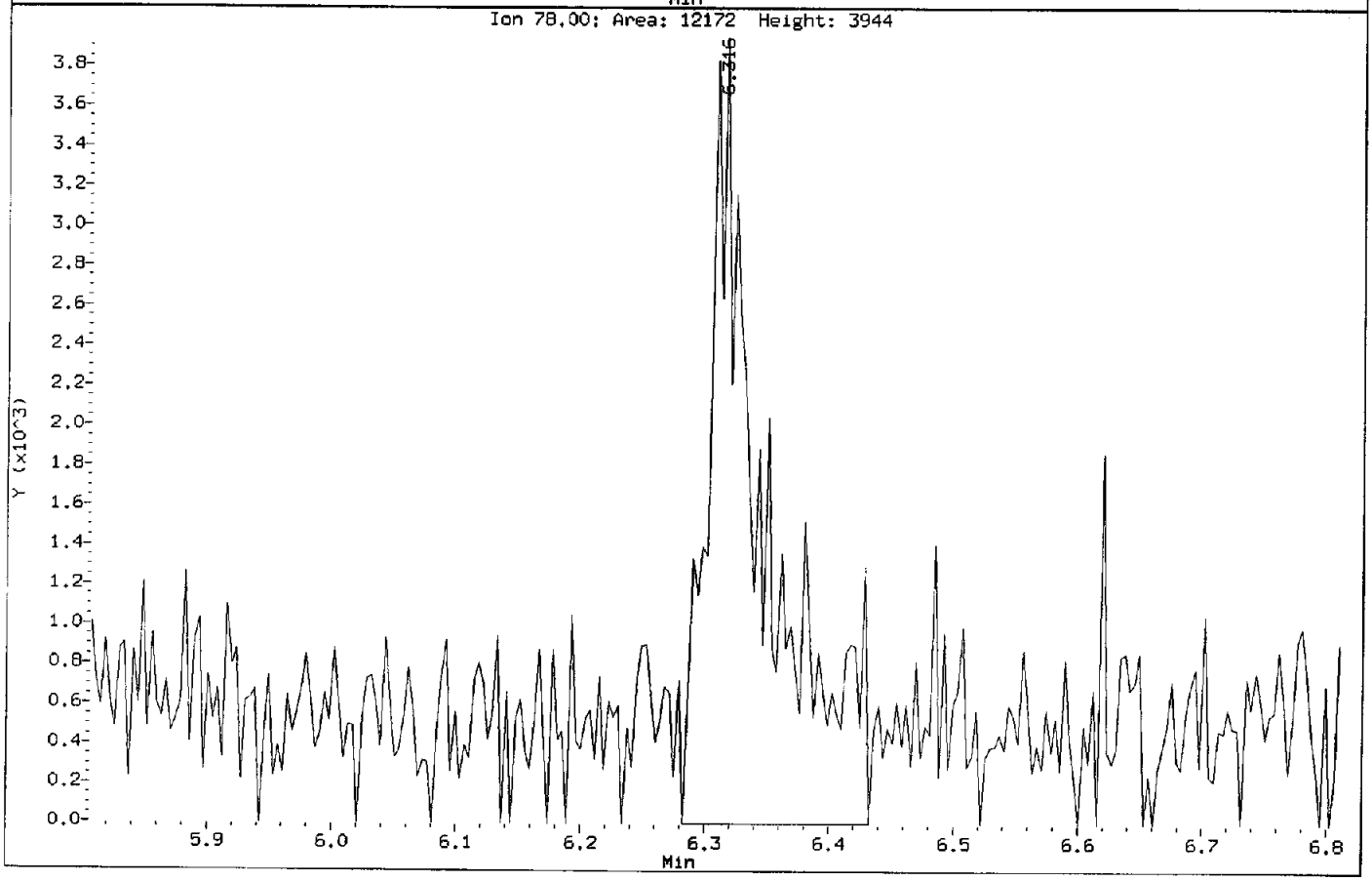




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D
Injection Date: 24-DEC-2007 21:05
Instrument: MSL.i
Client Sample ID: M-126

Compound: Carbon Disulfide
CAS Number: 75-15-0





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D
Report Date: 26-Dec-2007 14:33

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D
Lab Smp Id: KEE9T2AA Client Smp ID: M-126
Inj Date : 24-DEC-2007 21:05
Operator : XIA Inst ID: MSL.i
Smp Info : KEE9T2AA
Misc Info : VBLKL358A;F7L190135-002;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 45 Fluorobenzene	9.673	2048426	10.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown			CAS #:				
4.808	318043	1.55261977	1.553	0		0	45

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7475.D

Date : 24-DEC-2007 21:05

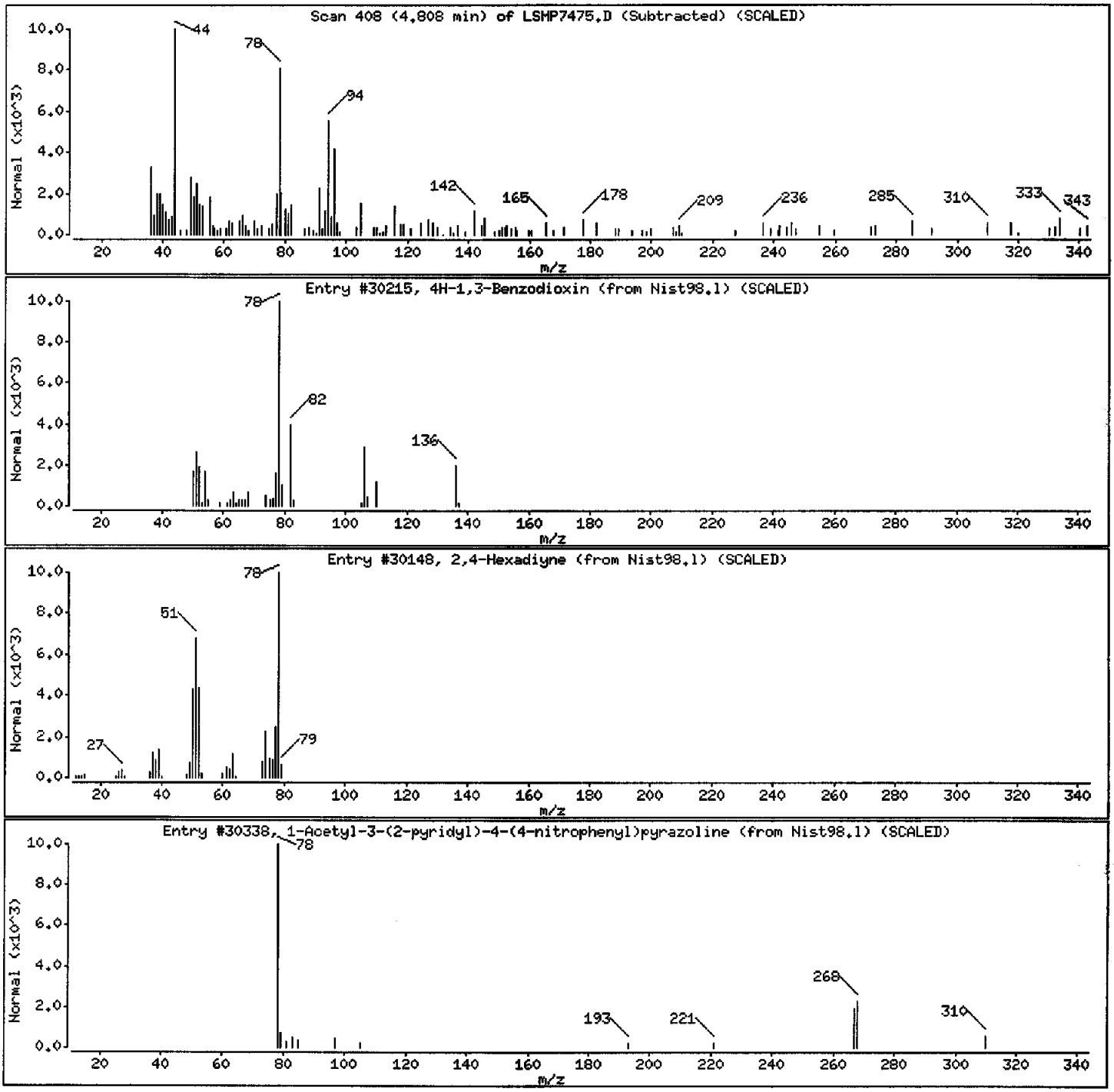
Client ID: M-126 Instrument: MSL.i

Sample Info: KEE9T2AA

Purge Volume: 25.0 Operator: XIA

Column phase: RTX-502.2 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4H-1,3-Benzodioxin	254-27-3	Nist98.l	30215	59	C8H8O2	136
2,4-Hexadiyne	2809-69-0	Nist98.l	30148	45	C6H6	78
1-Acetyl-3-(2-pyridyl)-4-(4-nitrophenyl)	1000071-41-4	Nist98.l	30338	45	C16H14N4O3	310



Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7508.D
Report Date: 28-Dec-2007 14:01

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7508.D
Lab Smp Id: KEE9T3AA Client Smp ID: M-126
Inj Date : 27-DEC-2007 16:06
Operator : XIA Inst ID: MSL.i
Smp Info : KEE9T3AA
Misc Info : VBLKL361A;F7L190135-002;7362155;100X
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	0.25000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	15 Methylene Chloride	84	6.967	6.967	(0.720)	41186	2.07523	207.5
	31 Chloroform	83	8.707	8.707	(0.900)	2640967	71.5472	7155(A)
$	36 Dibromofluoromethane	113	8.909	8.905	(0.921)	157701	11.9280	1193
	40 Benzene	78	9.321	9.313	(0.964)	90555	0.87769	87.77(M)
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	115045	11.0652	1106
*	45 Fluorobenzene	96	9.672	9.672	(1.000)	891784	10.0000	
$	57 Toluene-d8	98	11.083	11.083	(0.884)	836539	9.42879	942.9
*	70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	593390	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	120407	1.89194	189.2
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	205323	9.35744	935.7
	93 1,3-Dichlorobenzene	146	14.661	14.657	(0.996)	15302	0.37216	37.22
*	94 1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	223294	10.0000	
	95 1,4-Dichlorobenzene	146	14.739	14.743	(1.001)	344226	8.48982	849.0
	98 1,2-Dichlorobenzene	146	15.170	15.162	(1.031)	193062	6.34679	634.7

12/28/07

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7508.D
Report Date: 28-Dec-2007 14:01

STL St. Louis

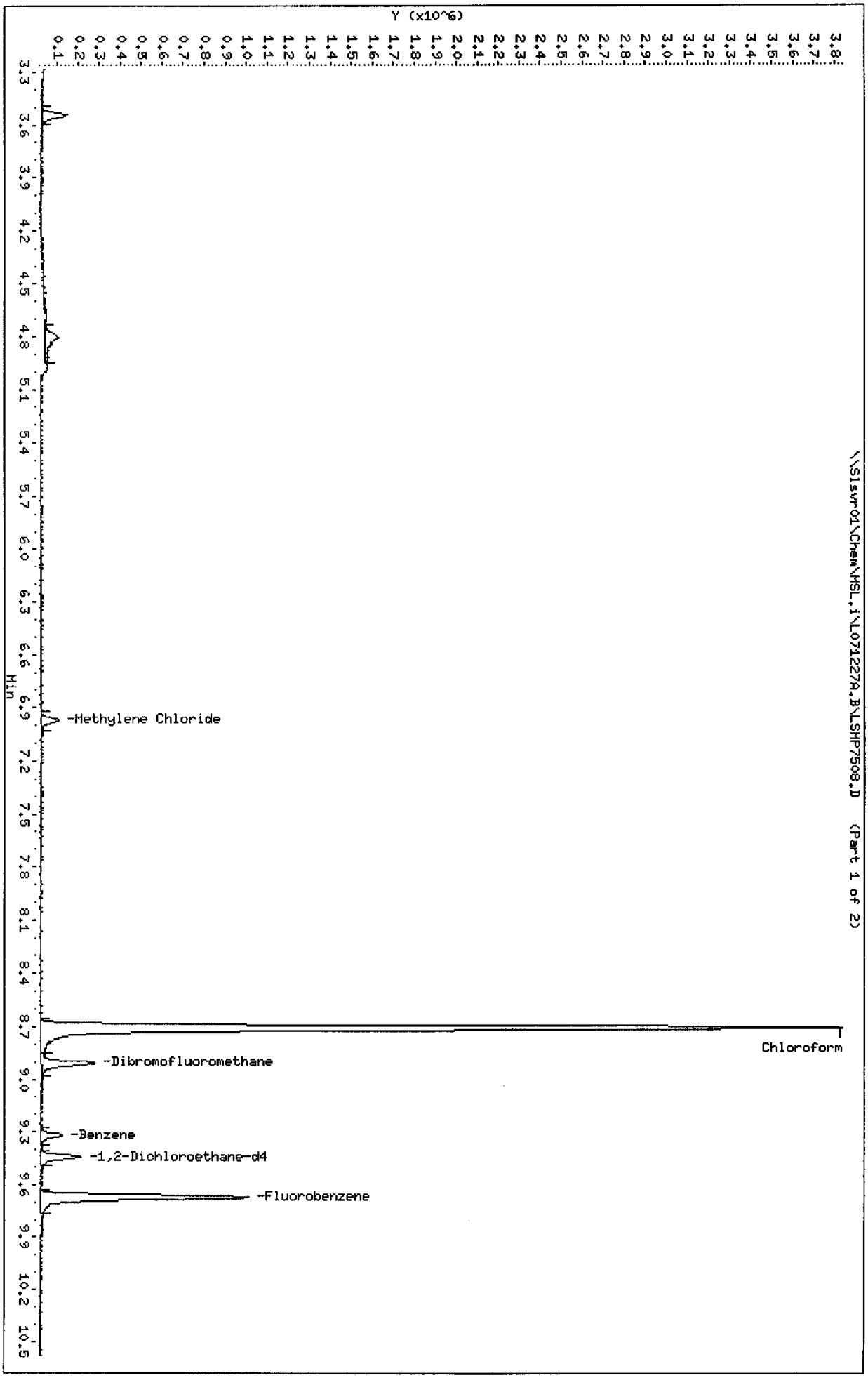
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

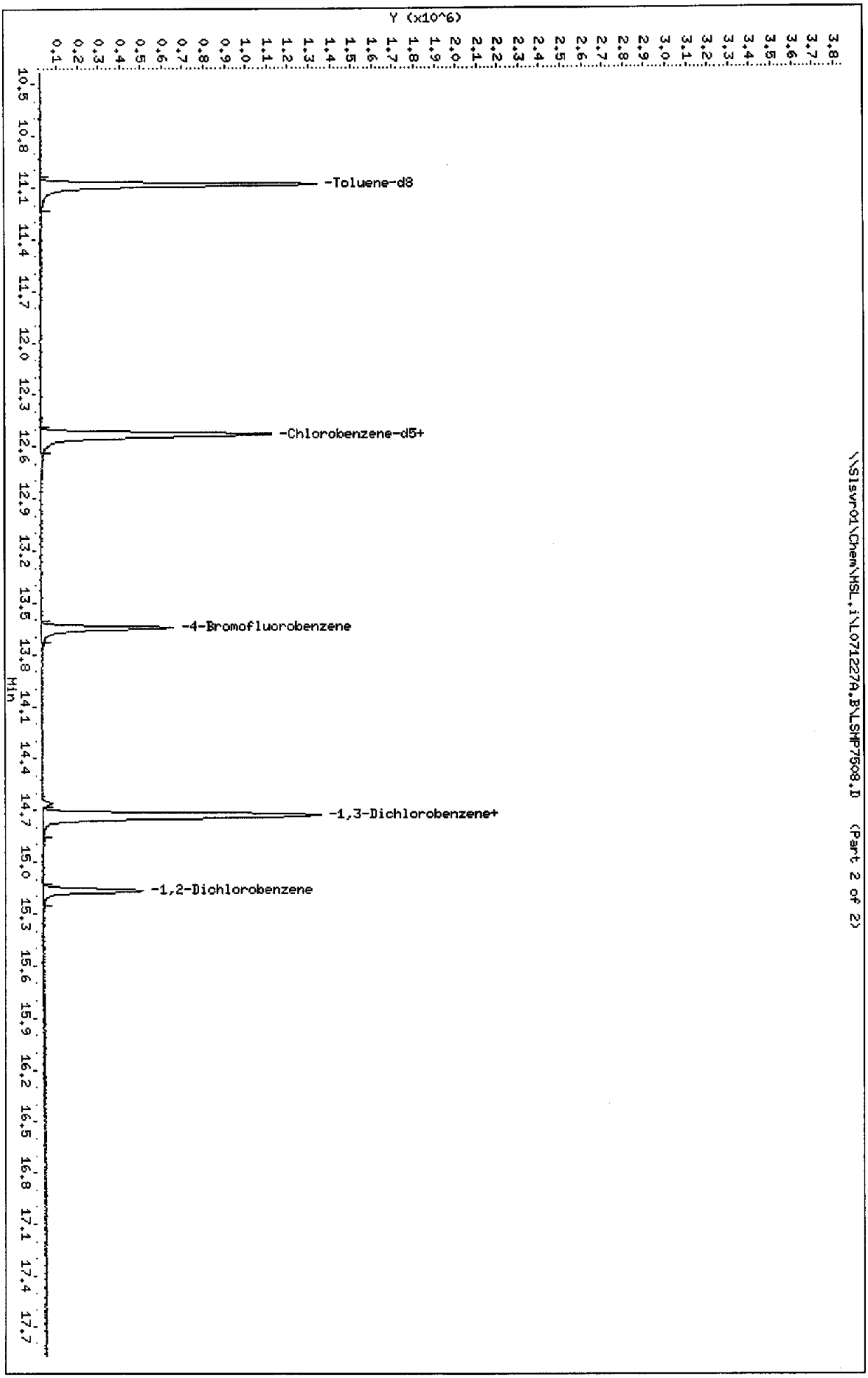
Instrument ID: MSL.i
Lab File ID: LSMP7508.D
Lab Smp Id: KEE9T3AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 27-DEC-2007
Calibration Time: 11:33
Client Smp ID: M-126
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;F7L190135-002;7362155;100X

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1414972	707486	2829944	891784	-36.98
70 Chlorobenzene-d5	860970	430485	1721940	593390	-31.08
94 1,4 Dichlorobenze	346015	173008	692030	223294	-35.47

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.72	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSHP7508.D
Date : 27-DEC-2007 16:06
Client ID: M-126
Sample Info: KEE9T3AA
Purge Volume: 0.3
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071227A.B\LSHP7508.D (Part 1 of 2)
Y (x10^6)
Min
-Methylene Chloride
Chloroform
-Dibromofluoromethane
-Benzene
-1,2-Dichloroethane-d4
-Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSHP7508.D
Date : 27-DEC-2007 16:06
Client ID: H-126
Sample Info: KEE9T3AA
Purge Volume: 0.3
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
-Toluene-d8
-Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,3-Dichlorobenzene+
-1,2-Dichlorobenzene
Min
\\Slsvr01\Chem\MSL.i\L071227A.B\LSHP7508.D (Part 2 of 2)

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7508.D

Date : 27-DEC-2007 16:06

Client ID: M-126

Instrument: MSL.i

Sample Info: KEE9T3AA

Purge Volume: 0.3

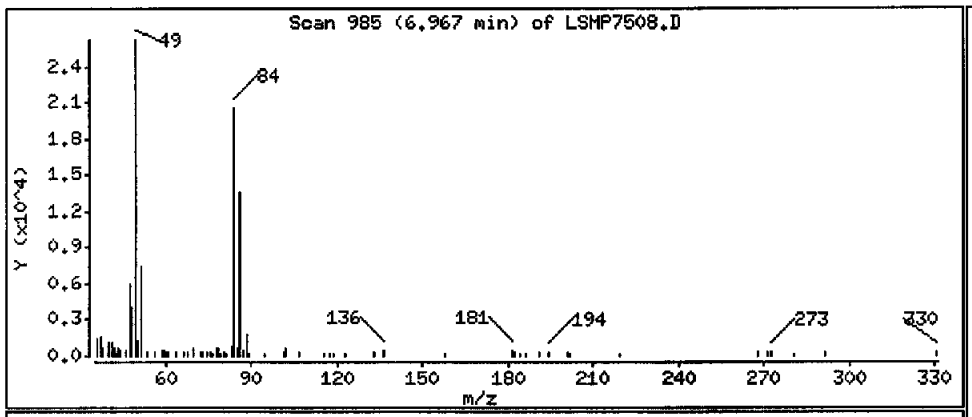
Operator: XIA

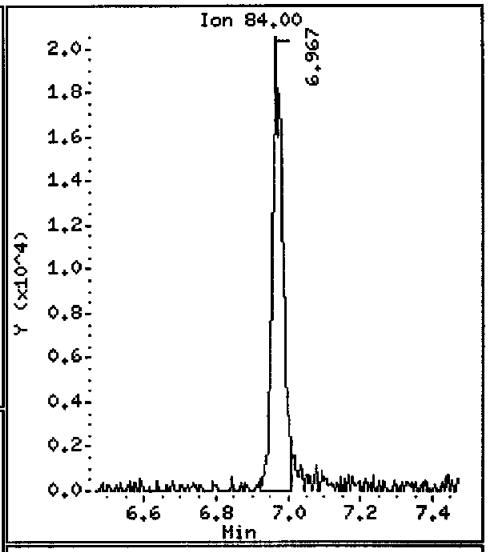
Column phase: RTX-502.2

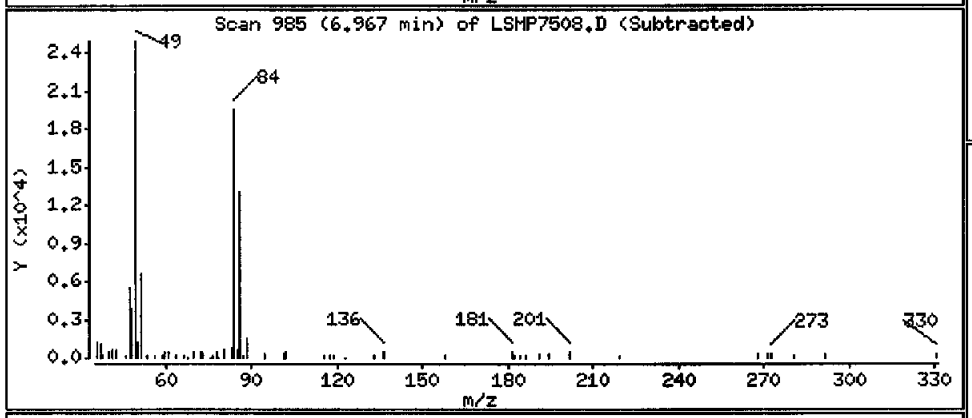
Column diameter: 0.25

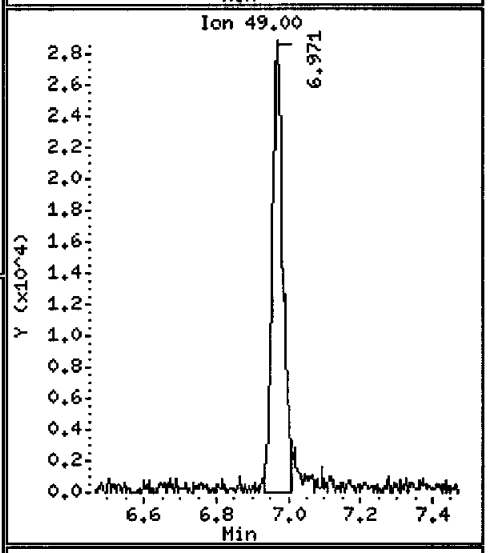
15 Methylene Chloride

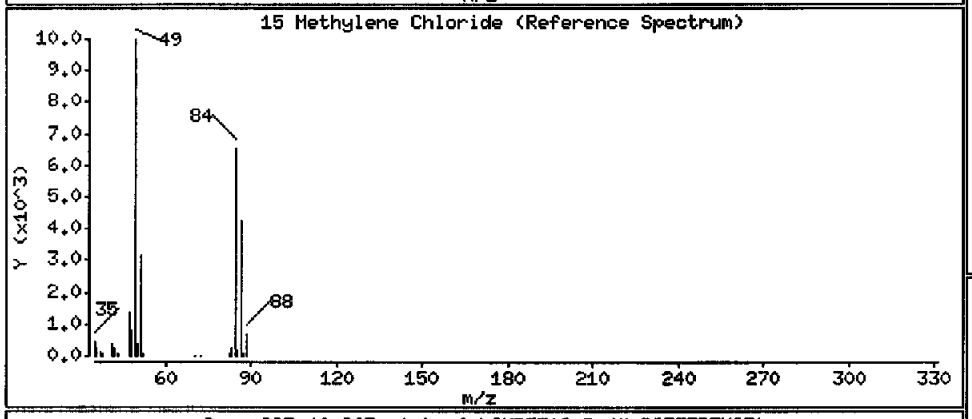
Concentration: 207.5 ug/L

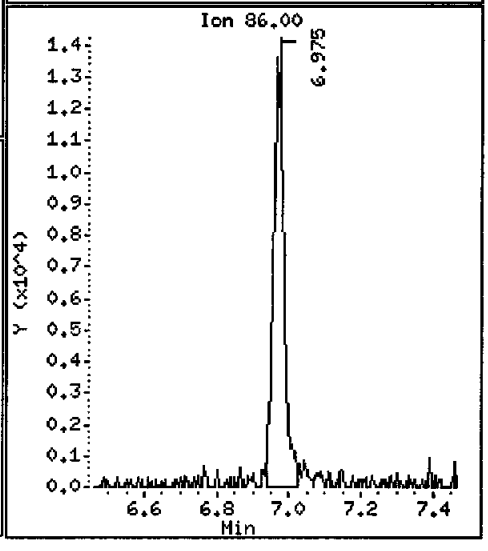


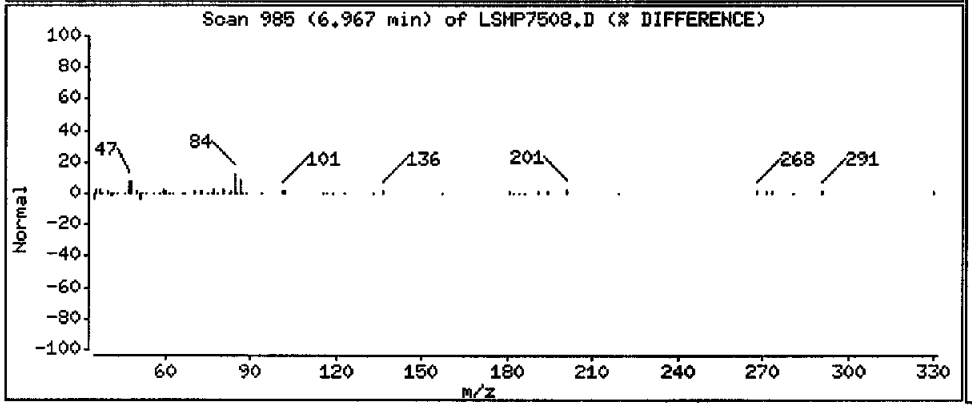












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7508.D

Date : 27-DEC-2007 16:06

Client ID: M-126

Instrument: MSL.i

Sample Info: KEE9T3AA

Purge Volume: 0.3

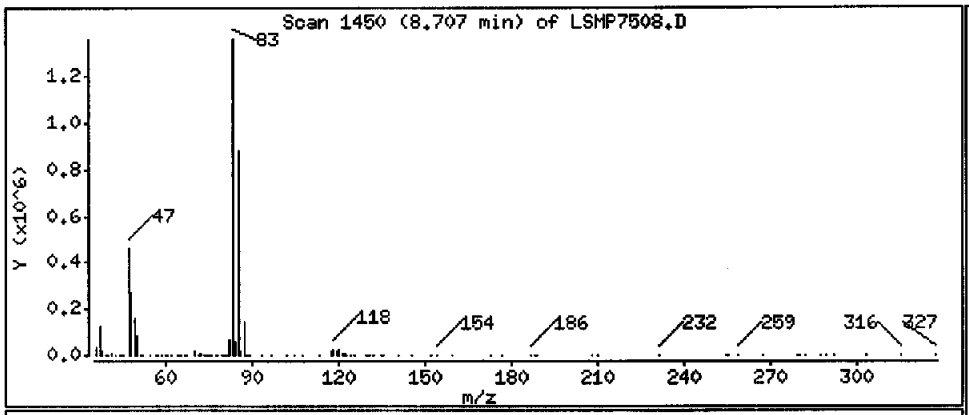
Operator: XIA

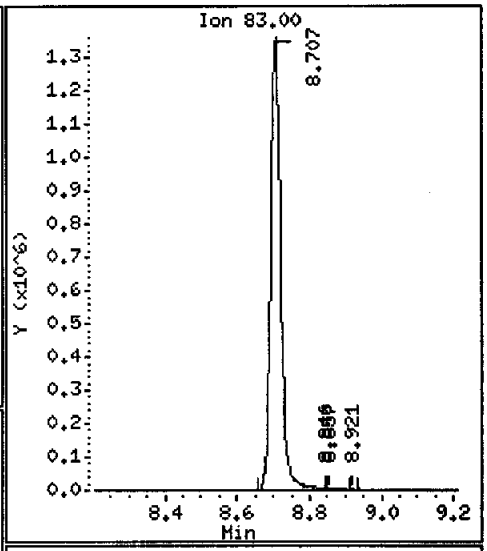
Column phase: RTX-502.2

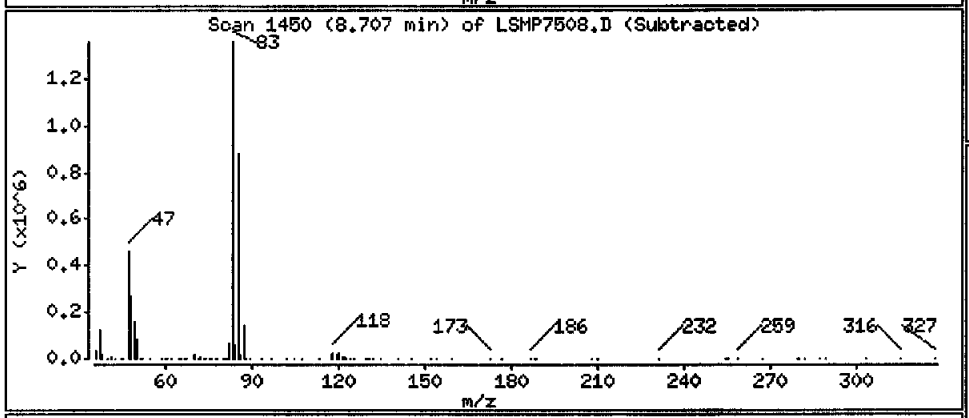
Column diameter: 0.25

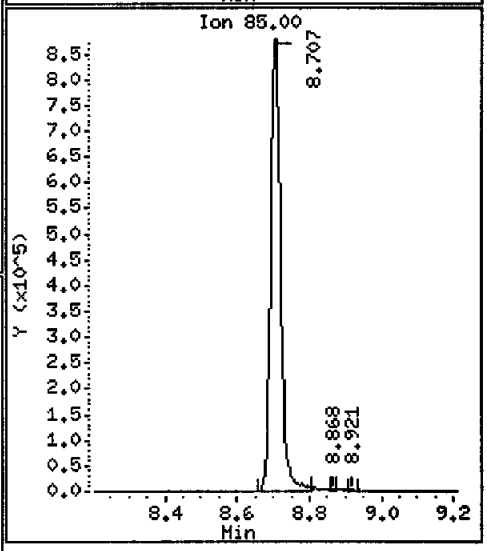
31 Chloroform

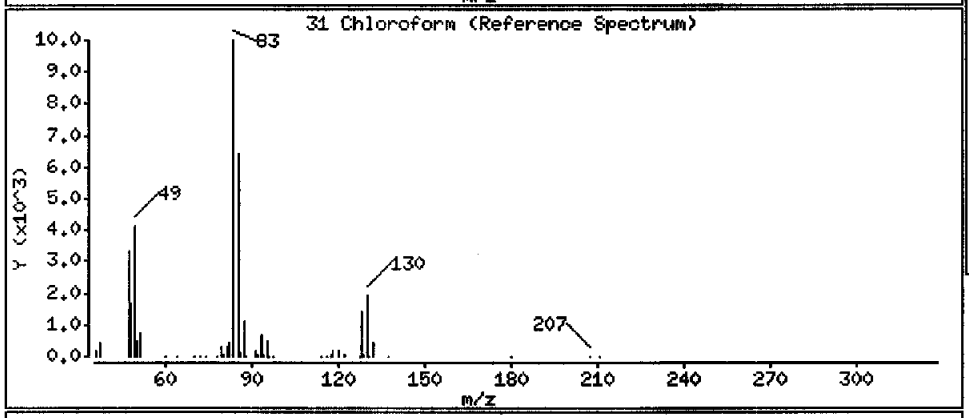
Concentration: 7155 ug/L

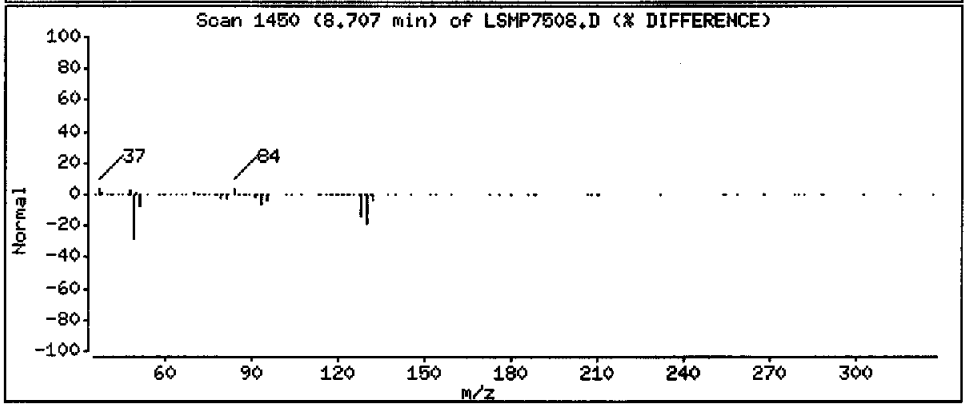












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7508.D

Date : 27-DEC-2007 16:06

Client ID: M-126

Instrument: MSL.i

Sample Info: KEE9T3AA

Purge Volume: 0.3

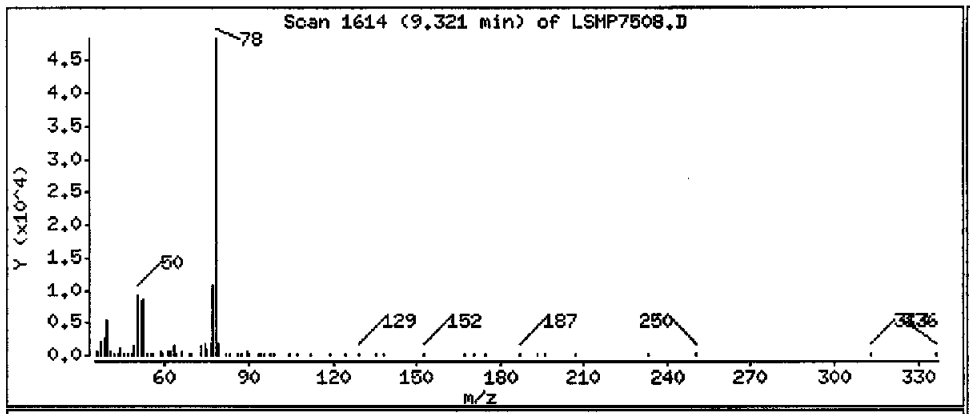
Operator: XIA

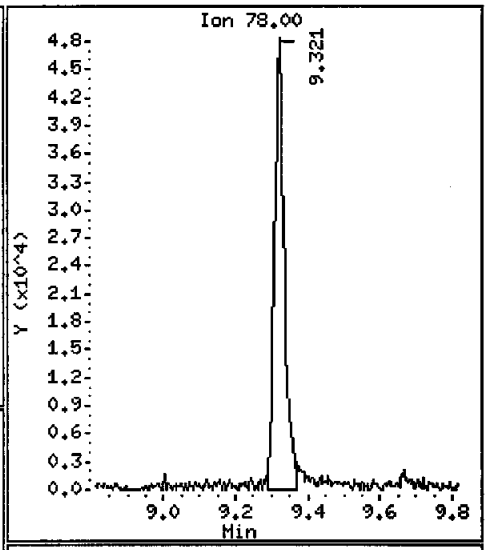
Column phase: RTX-502.2

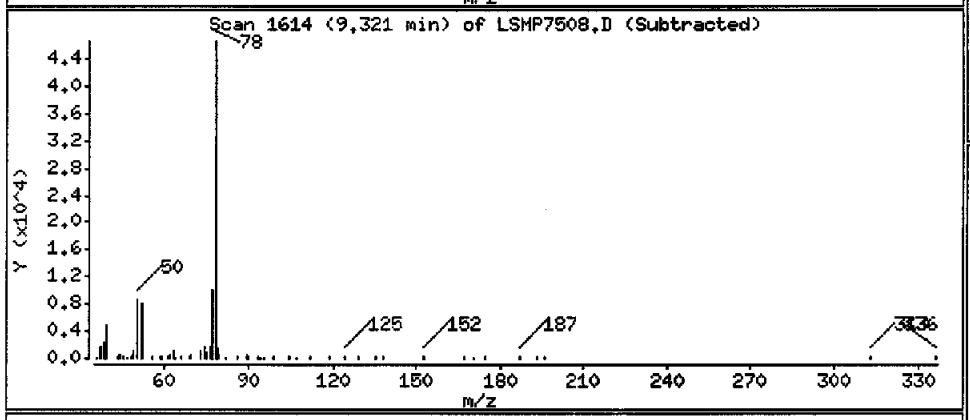
Column diameter: 0.25

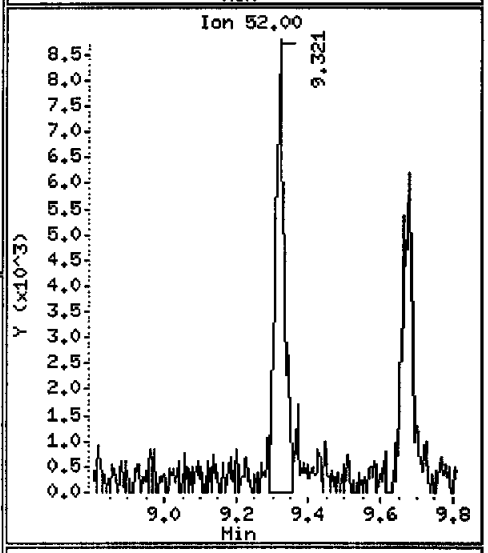
40 Benzene

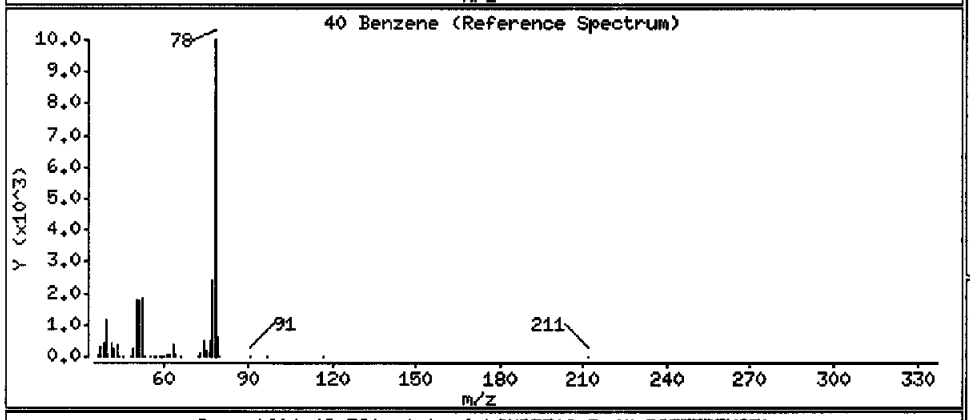
Concentration: 87.77 ug/L

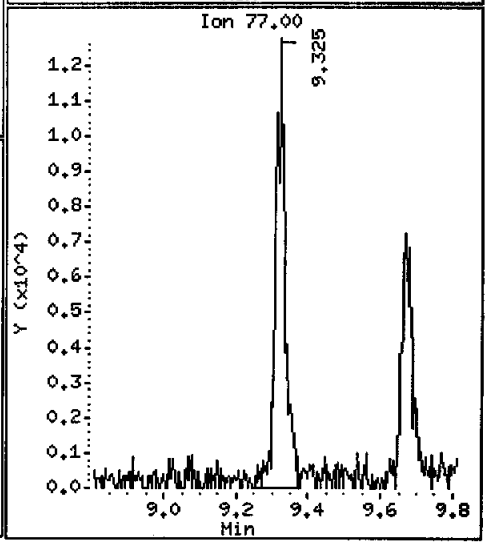


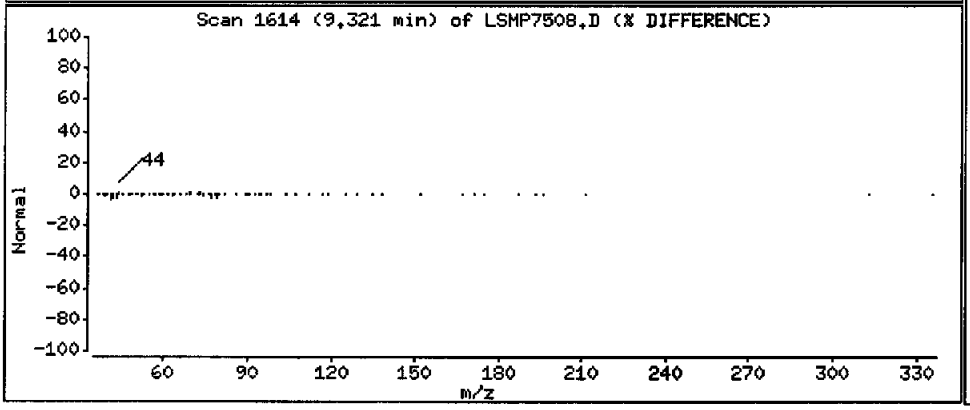












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7508.D

Date : 27-DEC-2007 16:06

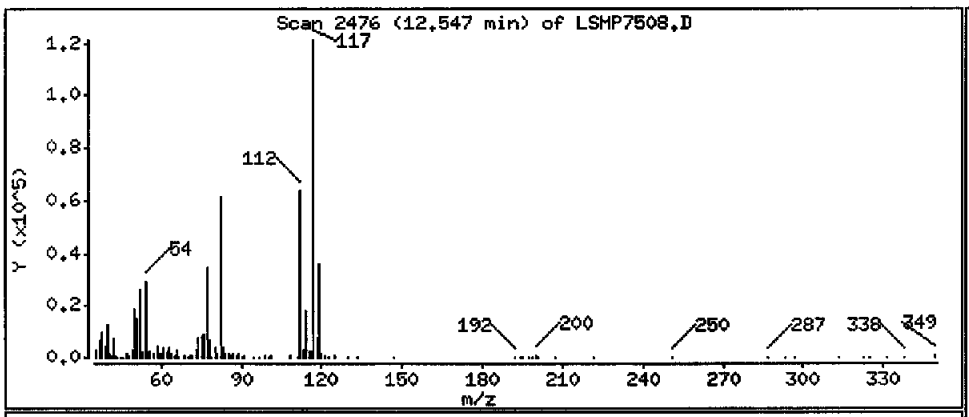
Client ID: M-126 Instrument: MSL.i

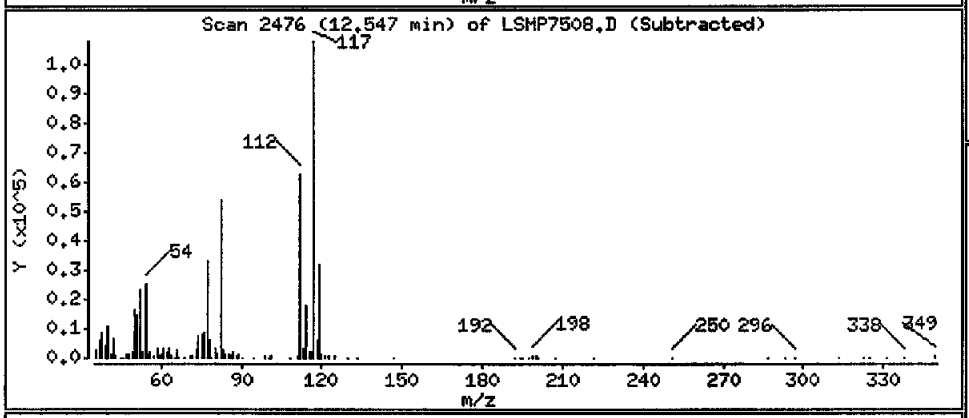
Sample Info: KEE9T3AA

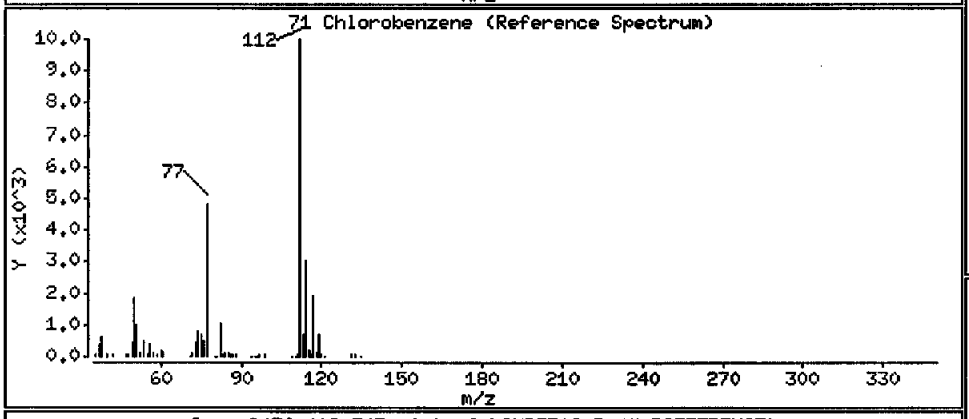
Purge Volume: 0.3 Operator: XIA

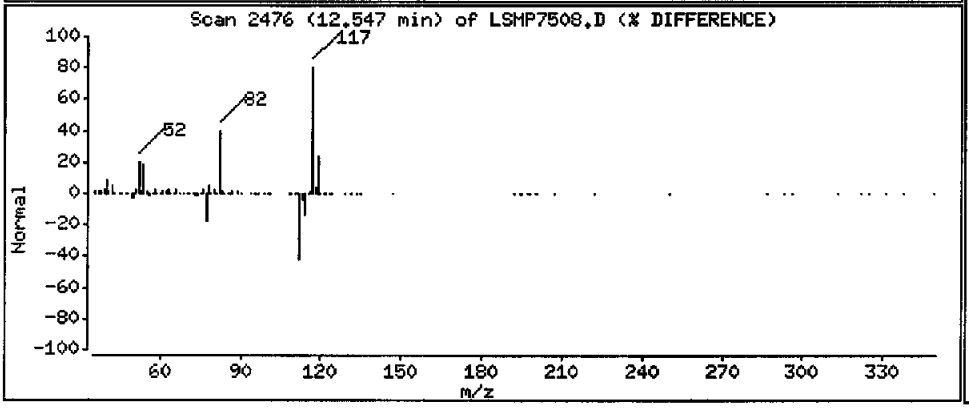
Column phase: RTX-502.2 Column diameter: 0.25

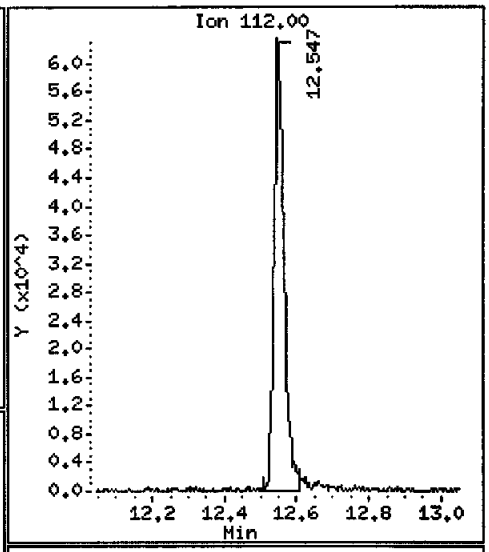
71 Chlorobenzene Concentration: 189.2 ug/L

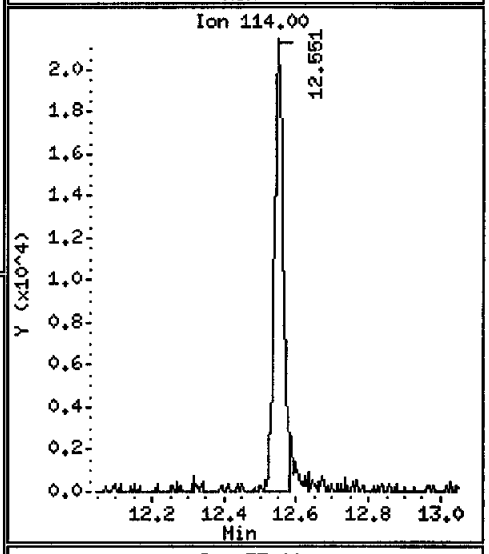


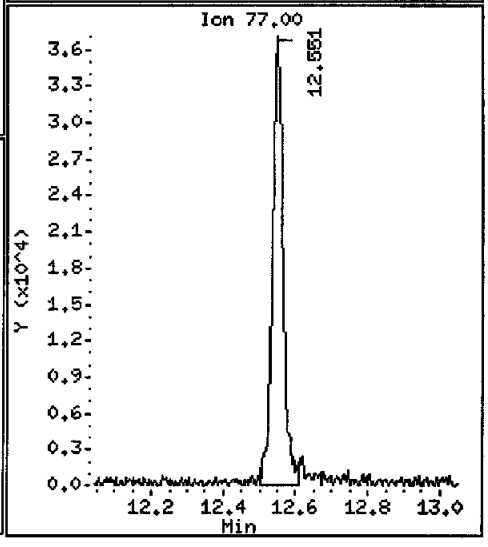












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7508.D

Date : 27-DEC-2007 16:06

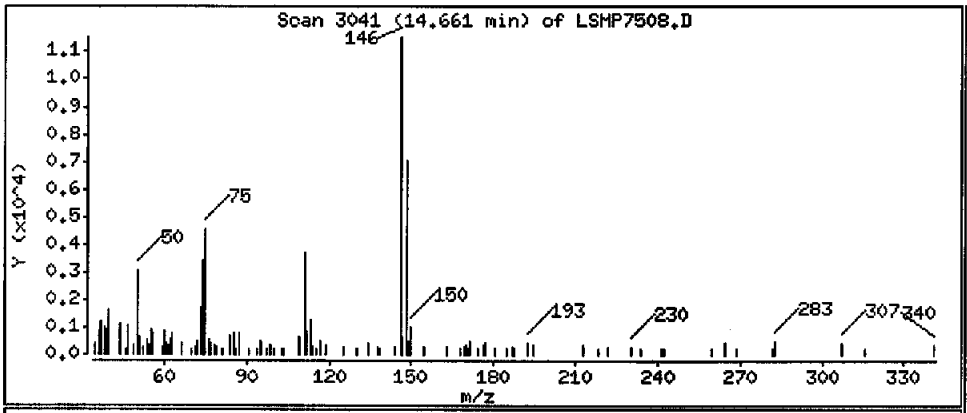
Client ID: M-126 Instrument: MSL.i

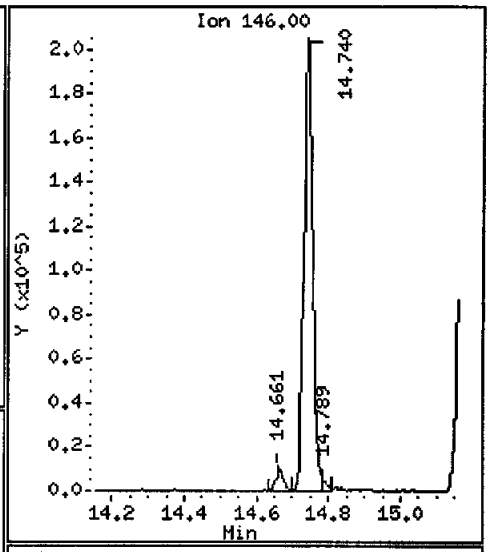
Sample Info: KEE9T3AA

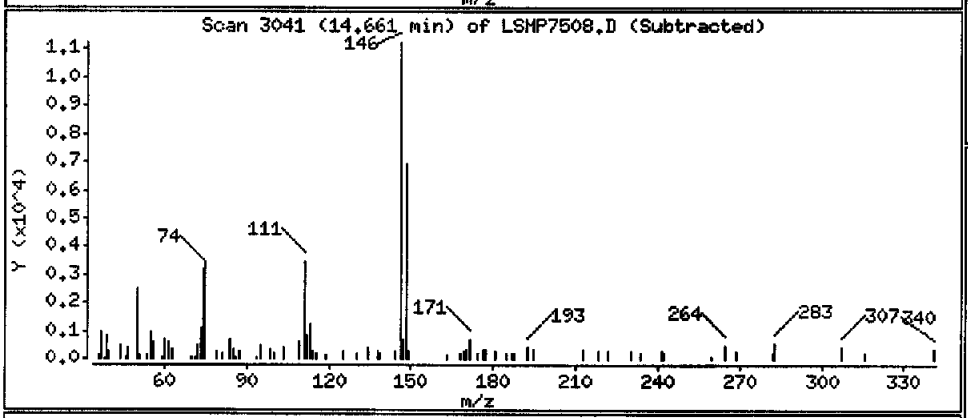
Purge Volume: 0.3 Operator: XIA

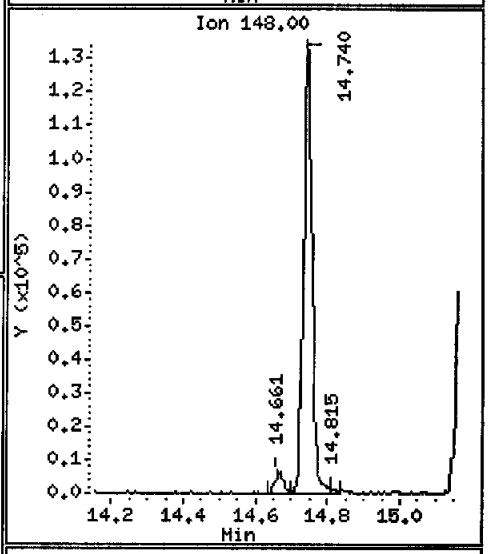
Column phase: RTX-502.2 Column diameter: 0.25

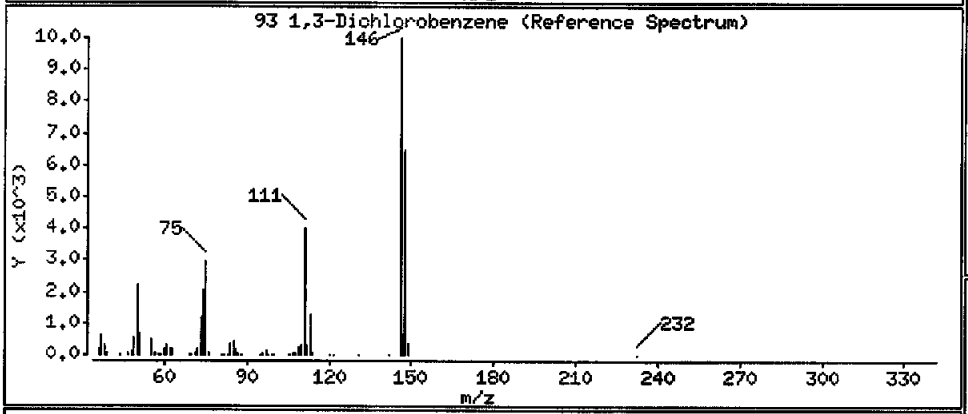
93 1,3-Dichlorobenzene Concentration: 37.22 ug/L

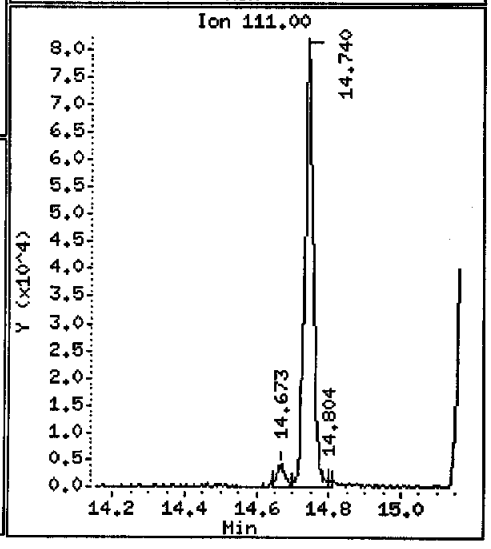


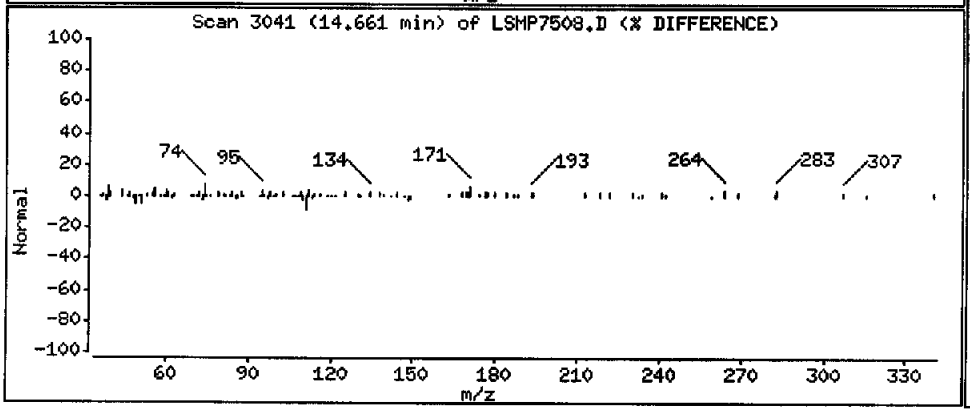












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7508.D

Date : 27-DEC-2007 16:06

Client ID: M-126

Instrument: MSL.i

Sample Info: KEE9T3AA

Purge Volume: 0.3

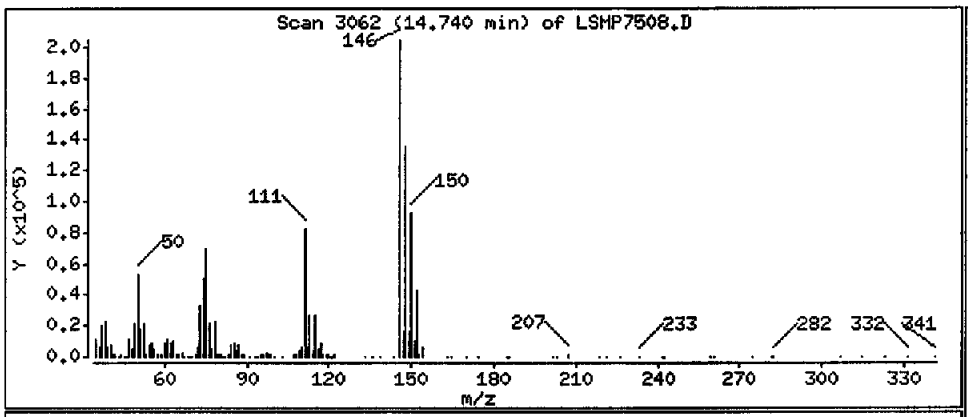
Operator: XIA

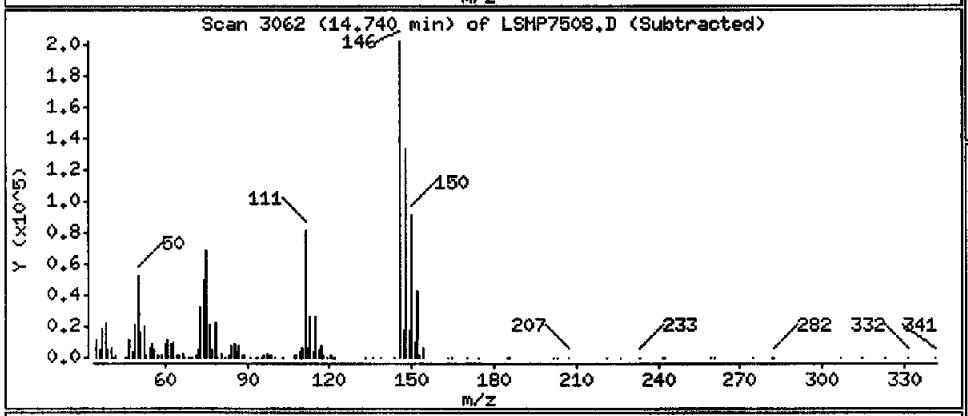
Column phase: RTX-502.2

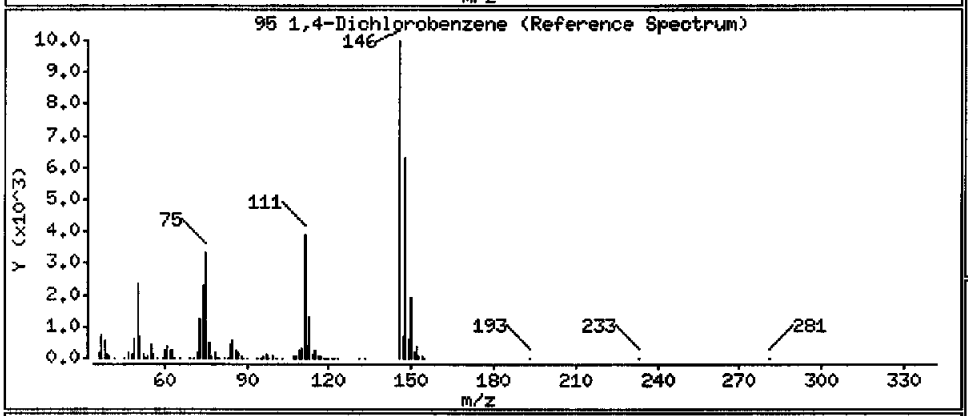
Column diameter: 0.25

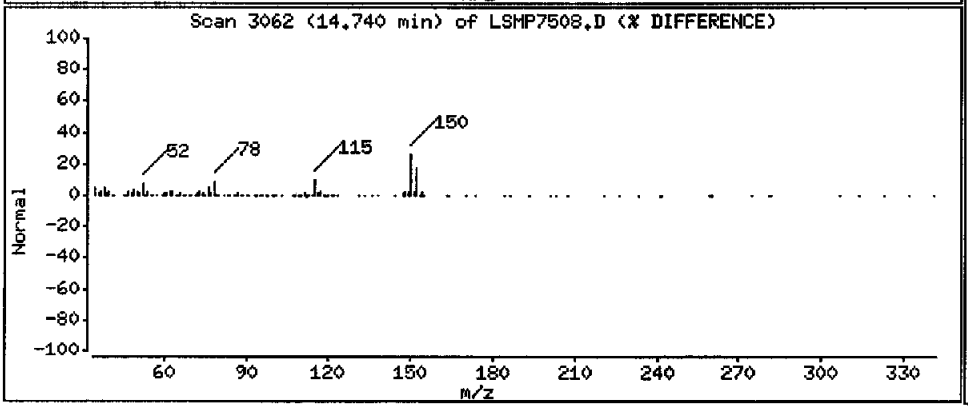
95 1,4-Dichlorobenzene

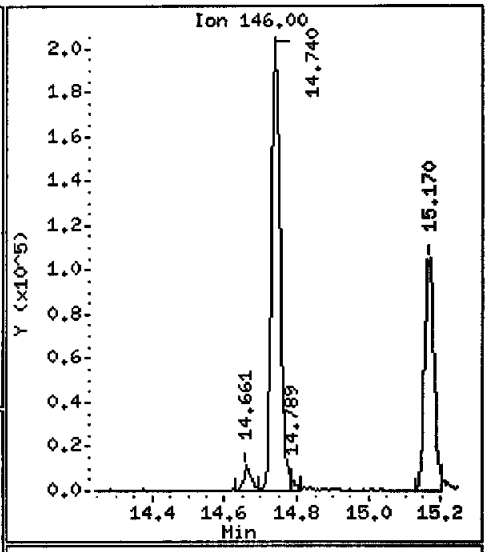
Concentration: 849.0 ug/L

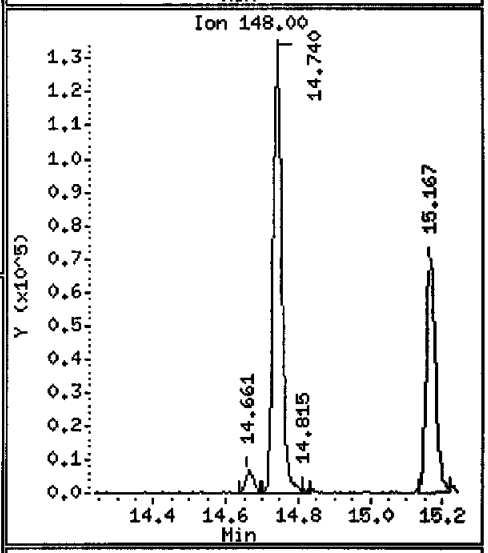


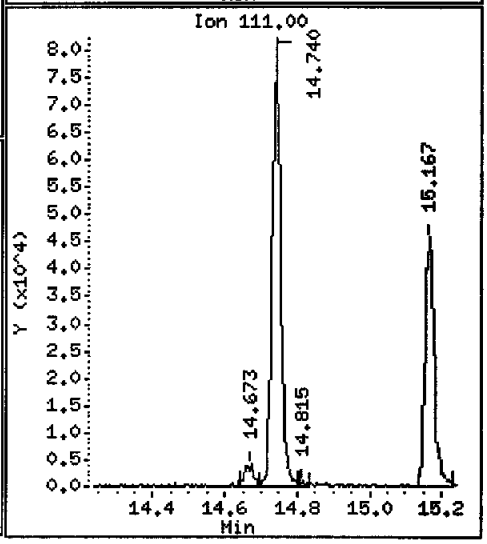












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7508.D

Date : 27-DEC-2007 16:06

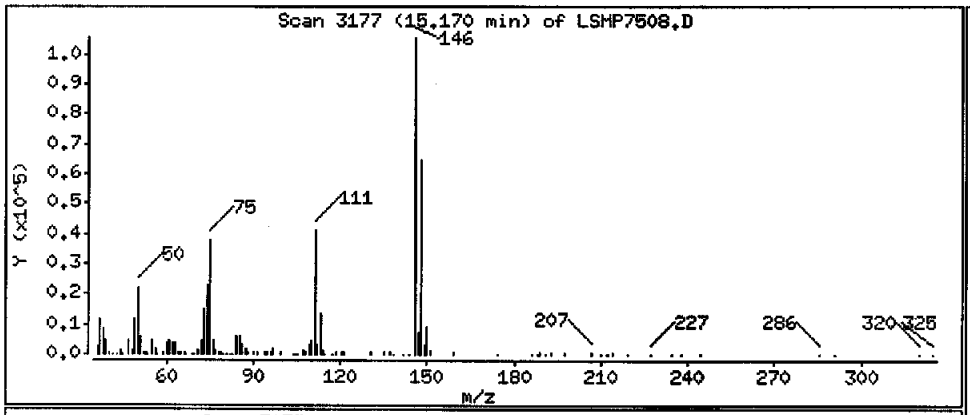
Client ID: M-126 Instrument: MSL.i

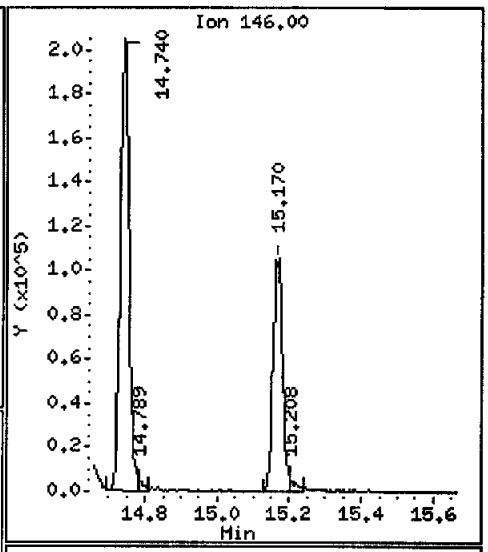
Sample Info: KEE9T3AA

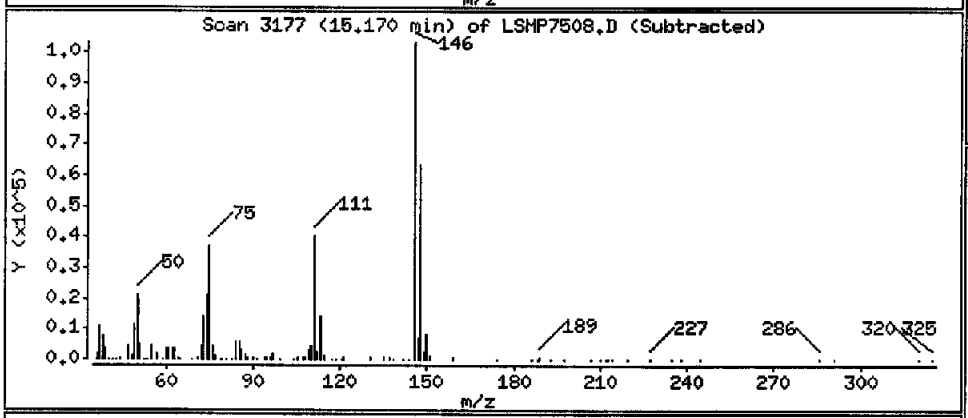
Purge Volume: 0.3 Operator: XIA

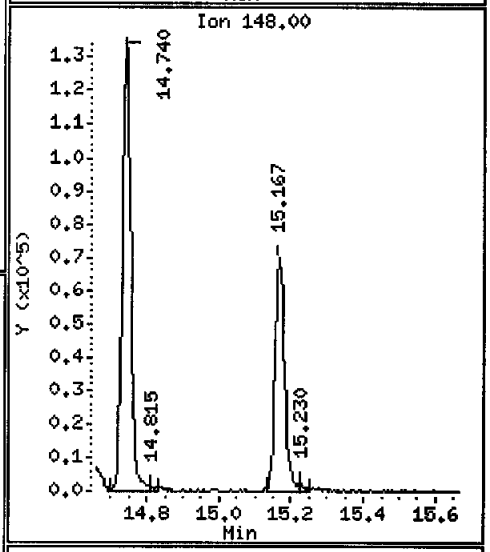
Column phase: RTX-502.2 Column diameter: 0.25

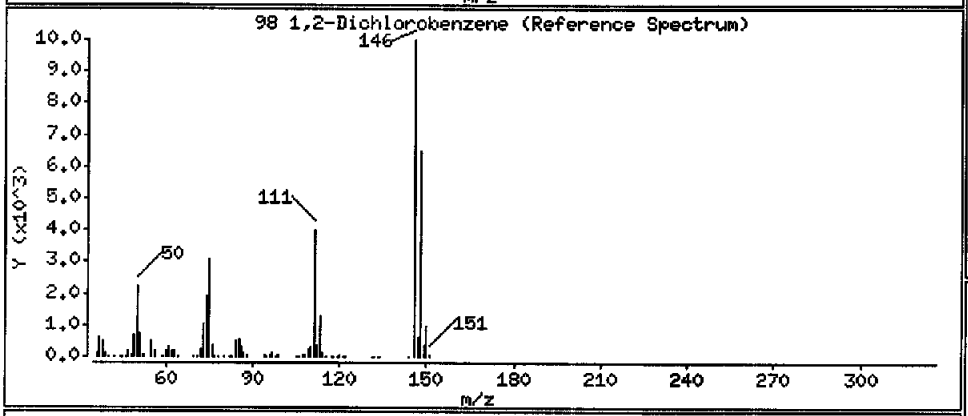
98 1,2-Dichlorobenzene Concentration: 634.7 ug/L

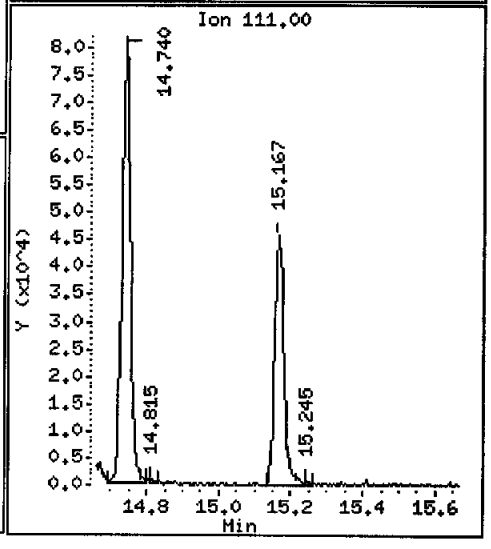


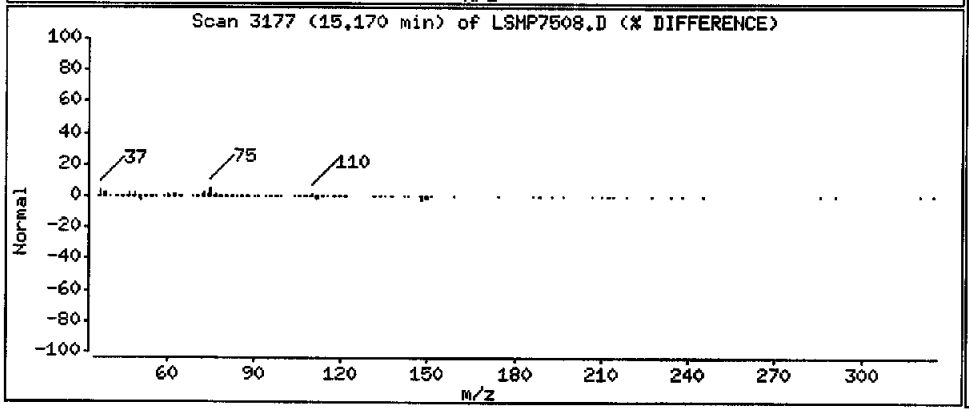






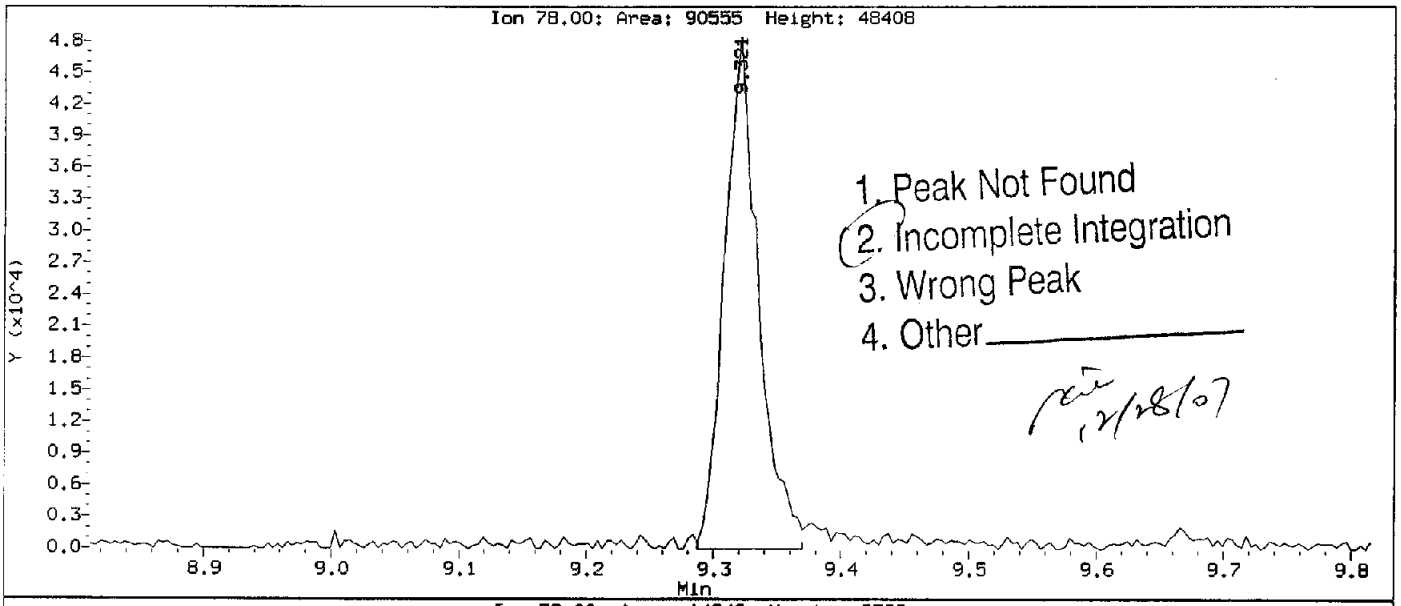






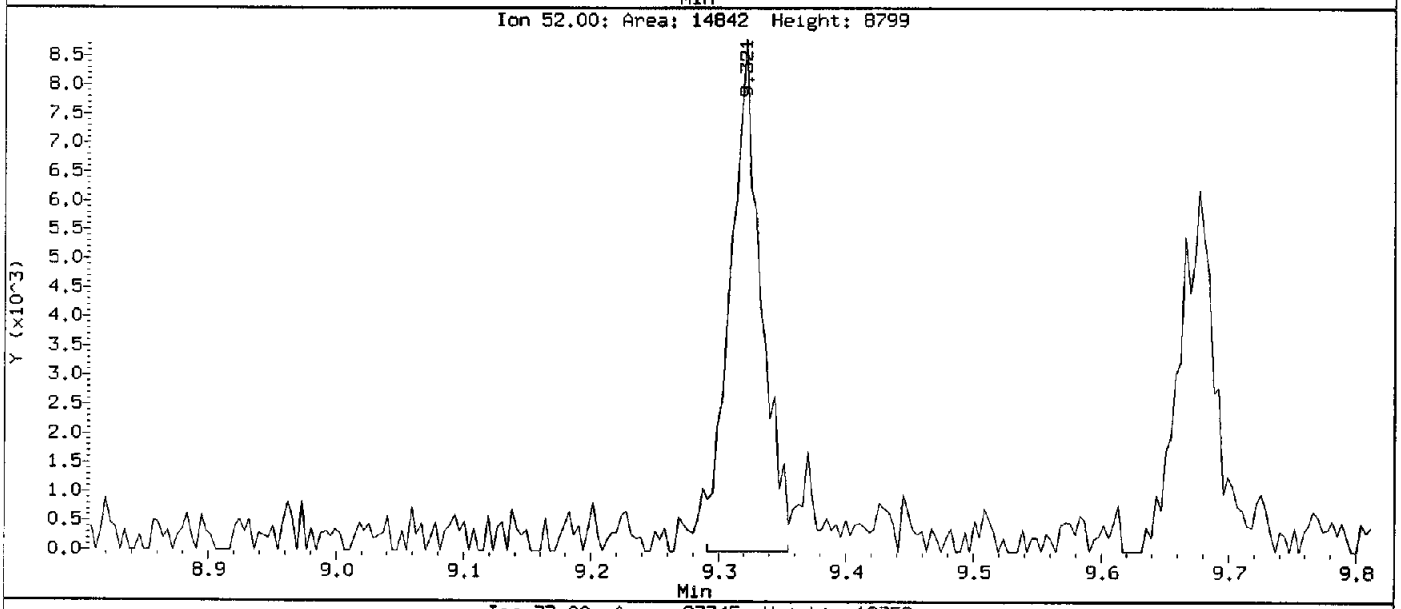
Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7508.D
Injection Date: 27-DEC-2007 16:06
Instrument: MSL.i
Client Sample ID: M-126

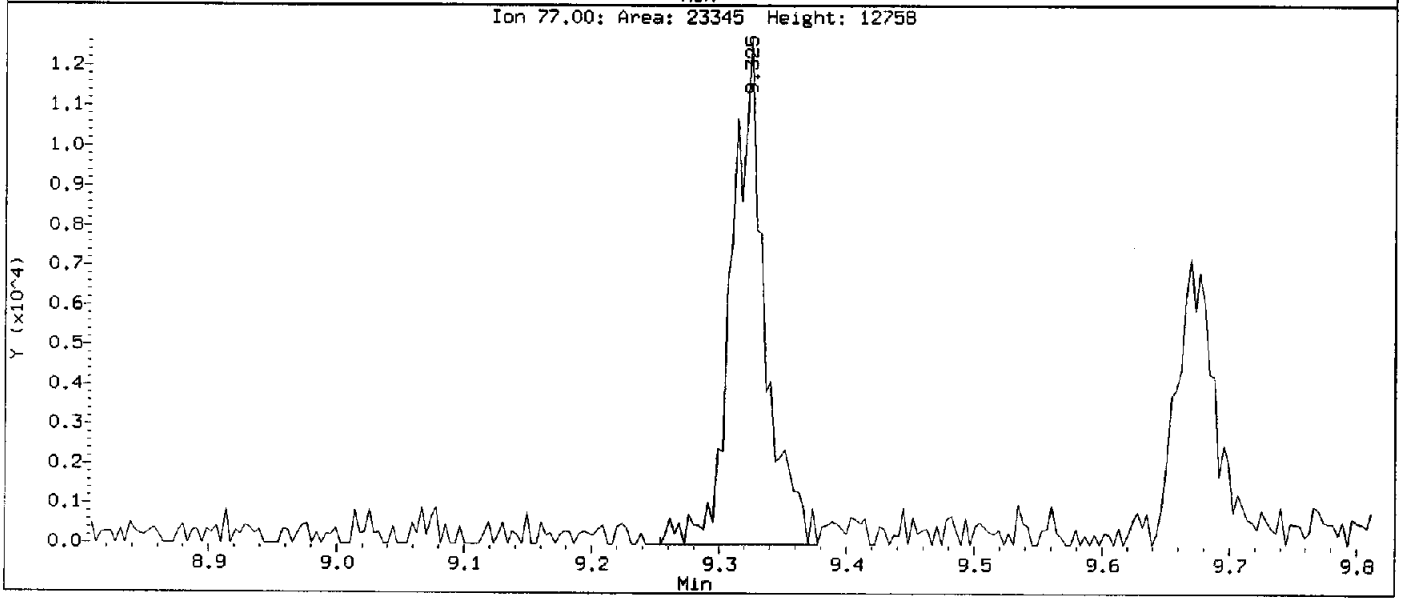
Compound: Benzene
CAS Number: 71-43-2



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12/28/07





Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7509.D
Report Date: 28-Dec-2007 15:16

TestAmerica St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7509.D
Lab Smp Id: KEE9T4AA Client Smp ID: M-126
Inj Date : 27-DEC-2007 16:30
Operator : XIA Inst ID: MSL.i
Smp Info : KEE9T4AA
Misc Info : VBLKL361A;F7L190135-002;7362155;500X
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	0.05000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	15 Methylene Chloride	84	6.971	6.967	(0.721)	24278	1.28144	640.7
	31 Chloroform	83	8.707	8.707	(0.900)	483627	13.7248	6862
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	146723	11.6252	5812
	40 Benzene	78	9.321	9.313	(0.964)	23434	0.23793	119.0(M)
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	115997	11.6871	5844
*	45 Fluorobenzene	96	9.673	9.672	(1.000)	851319	10.0000	
$	57 Toluene-d8	98	11.087	11.083	(0.885)	822318	9.81894	4909
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	560125	10.0000	
	71 Chlorobenzene	112	12.550	12.547	(1.002)	27482	0.45747	228.7(M)
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	201725	10.0069	5003
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.721	(1.000)	205142	10.0000	
	95 1,4-Dichlorobenzene	146	14.747	14.743	(1.002)	67519	1.81260	906.3
	98 1,2-Dichlorobenzene	146	15.174	15.162	(1.030)	33665	1.20464	602.3

12/28/07

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7509.D
Report Date: 28-Dec-2007 15:16

TestAmerica St. Louis

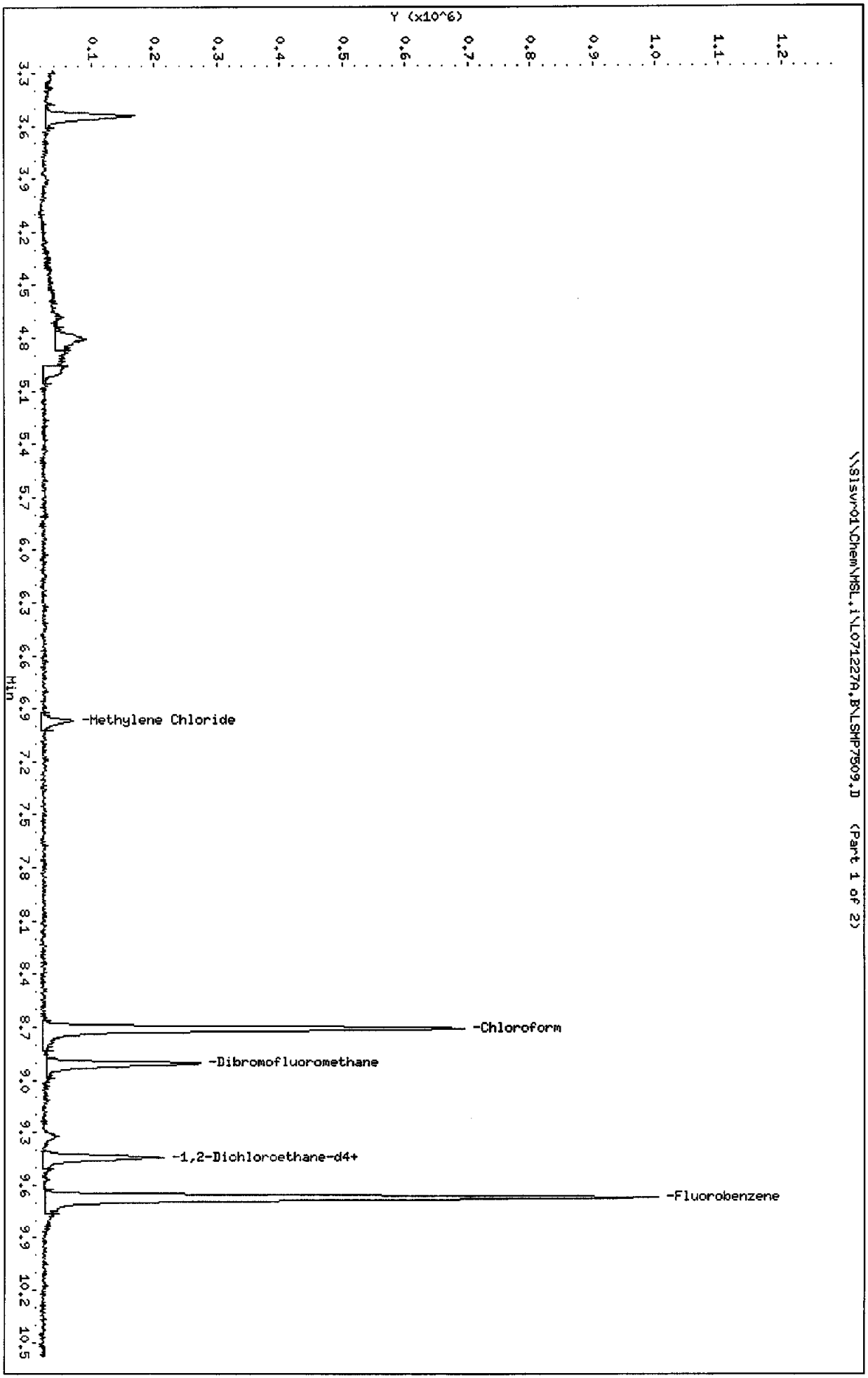
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LSMP7509.D
Lab Smp Id: KEE9T4AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 27-DEC-2007
Calibration Time: 11:33
Client Smp ID: M-126
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;F7L190135-002;7362155;500X

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1414972	707486	2829944	851319	-39.83
70 Chlorobenzene-d5	860970	430485	1721940	560125	-34.94
94 1,4 Dichlorobenze	346015	173008	692030	205142	-40.71

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.73	0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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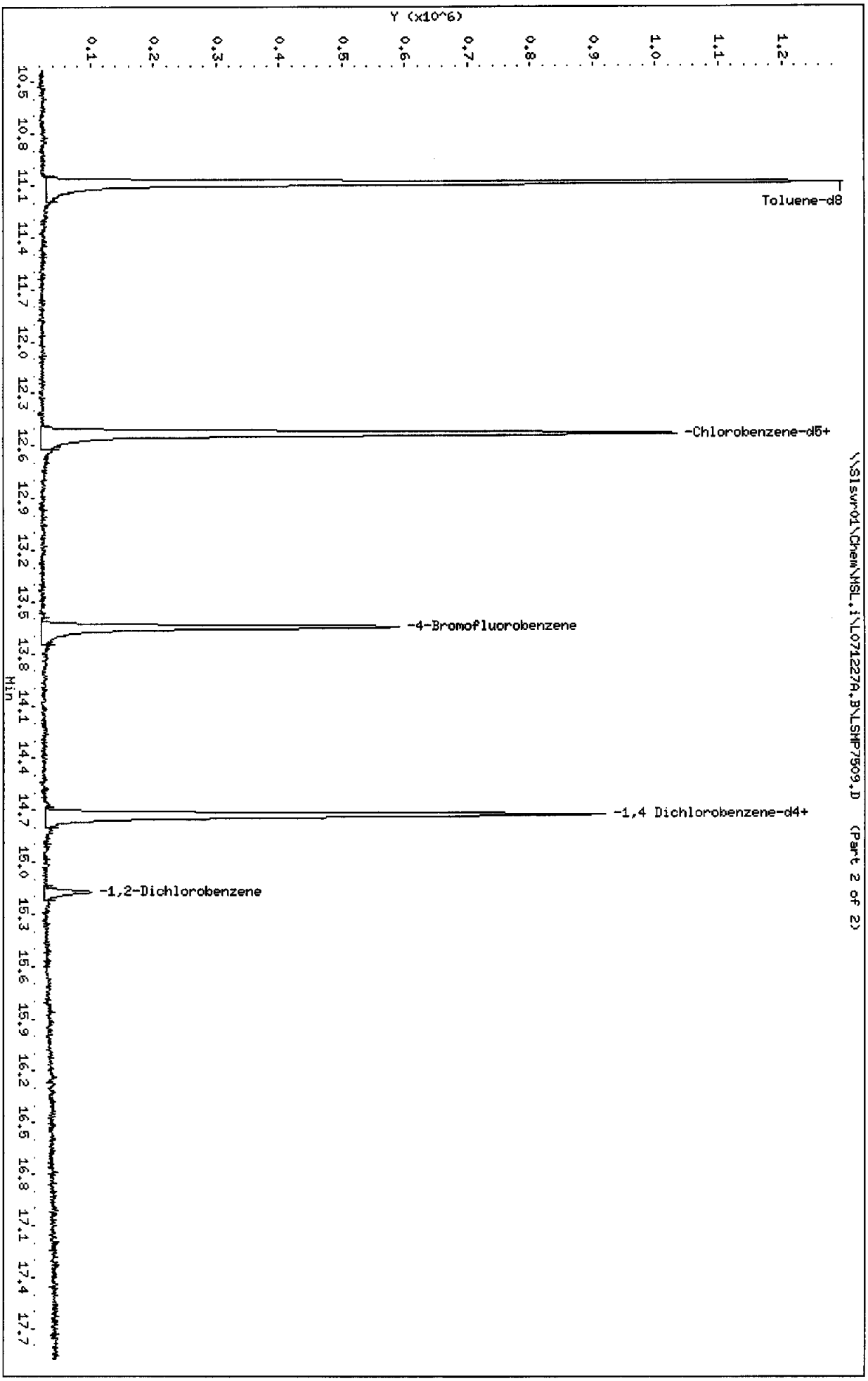
Date : 27-DEC-2007 16:30
Client ID: M-126
Sample Info: KEE9T3AA
Purge Volume: 0.1
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7509.D (Part 1 of 2)
Y (x10^6)
Min
-Methylene Chloride
-Chloroform
-Dibromofluoromethane
-1,2-Dichloroethane-d4+
-Fluorobenzene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Date : 27-DEC-2007 16:30
Client ID: H-126
Sample Info: KEE9T3AA
Purge Volume: 0.1
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8
-Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4+
-1,2-Dichlorobenzene
\\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7509.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7509.D

Date : 27-DEC-2007 16:30

Client ID: M-126

Instrument: MSL.i

Sample Info: KEE9T3AA

Purge Volume: 0.1

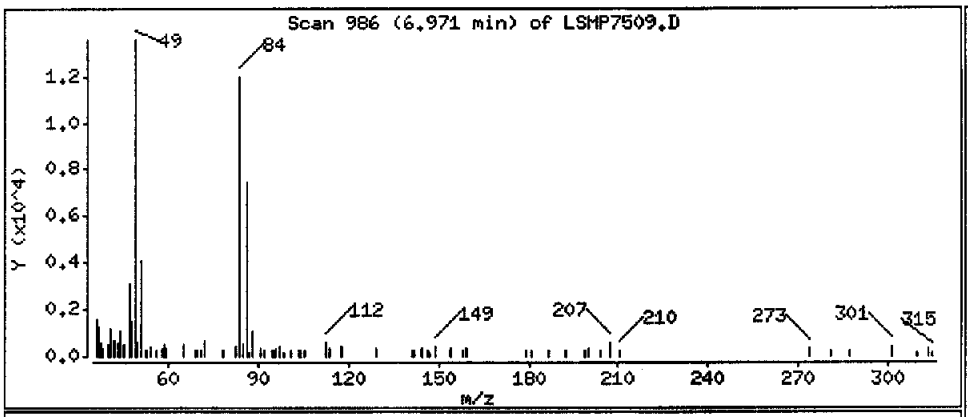
Operator: XIA

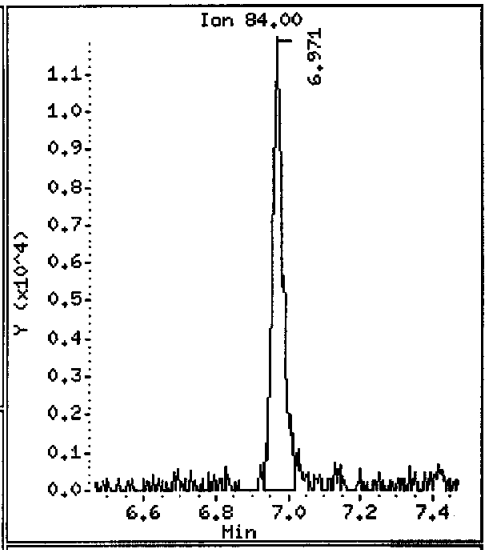
Column phase: RTX-502.2

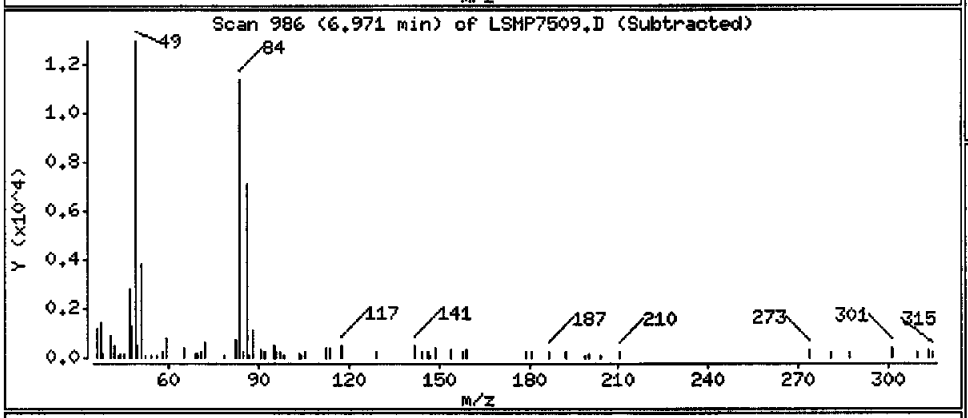
Column diameter: 0.25

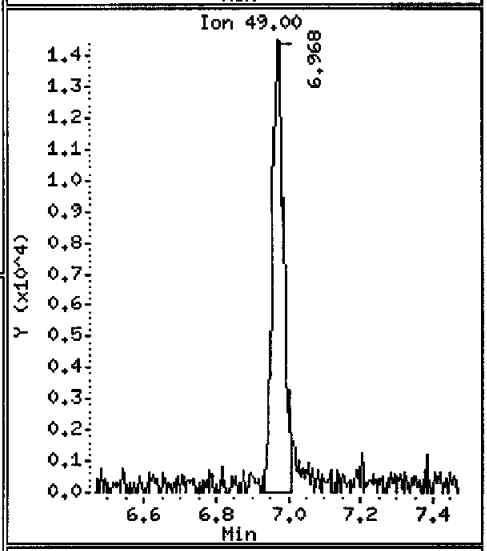
15 Methylene Chloride

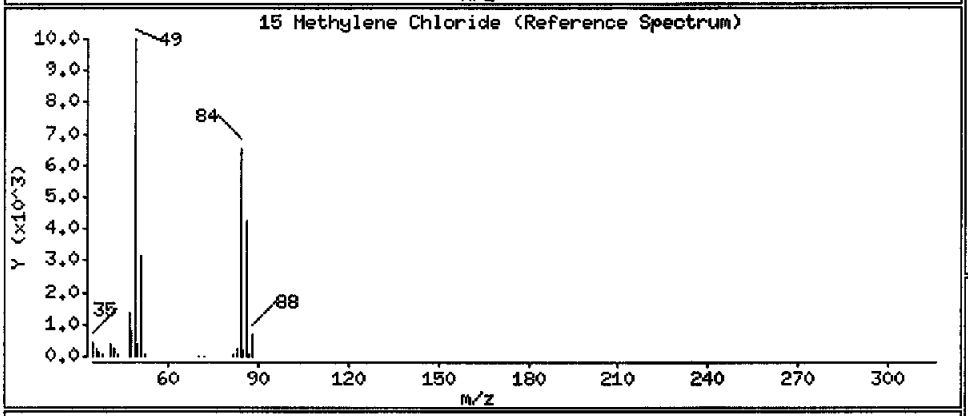
Concentration: 640.7 ug/L

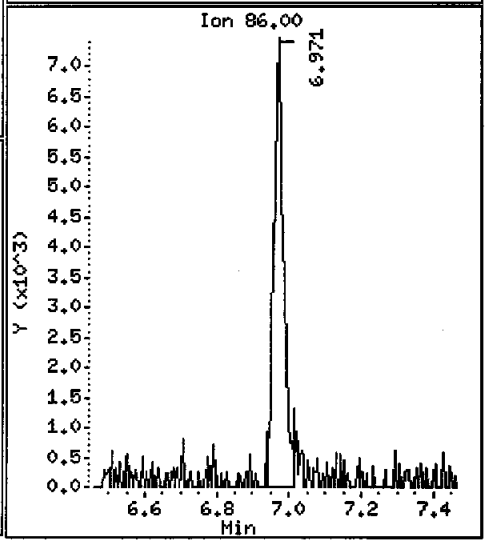


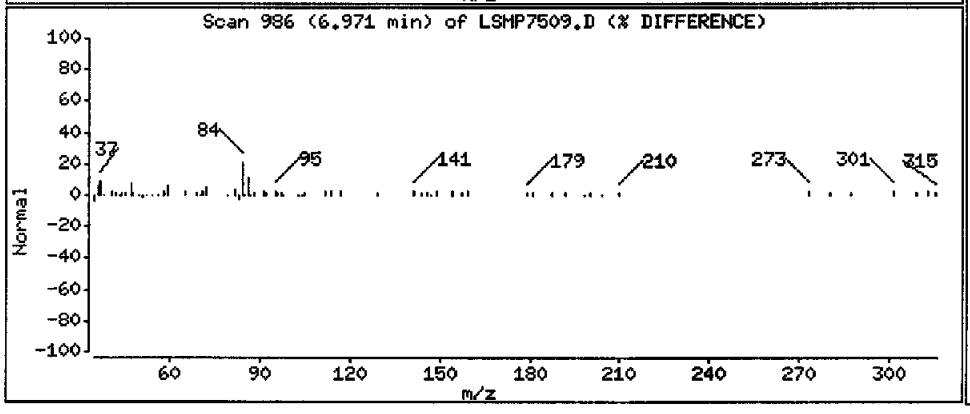












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7509.D

Date : 27-DEC-2007 16:30

Client ID: M-126

Instrument: MSL.i

Sample Info: KEE9T3AA

Purge Volume: 0.1

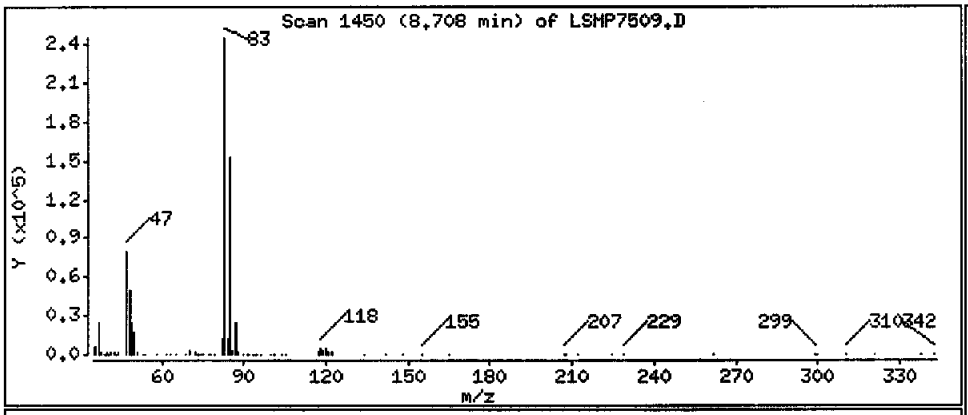
Operator: XIA

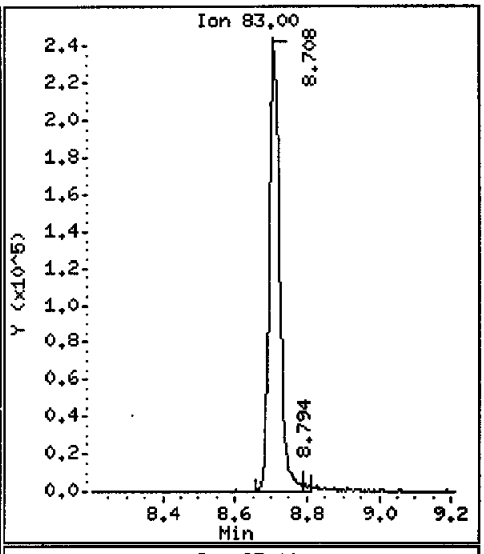
Column phase: RTX-502.2

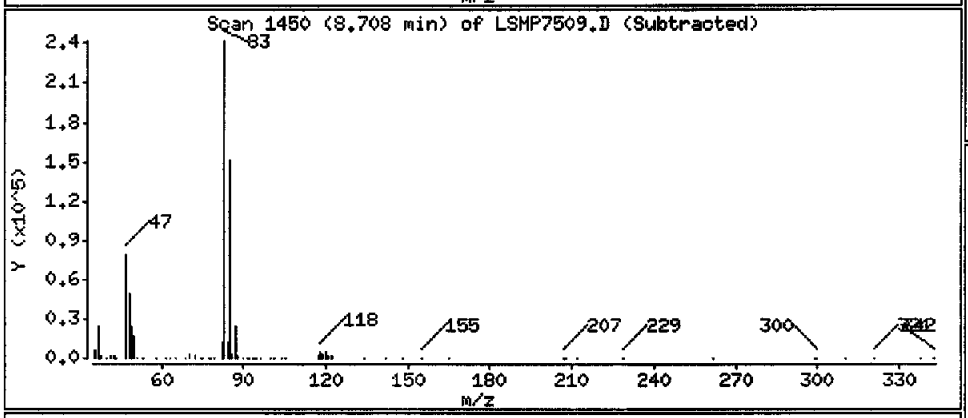
Column diameter: 0.25

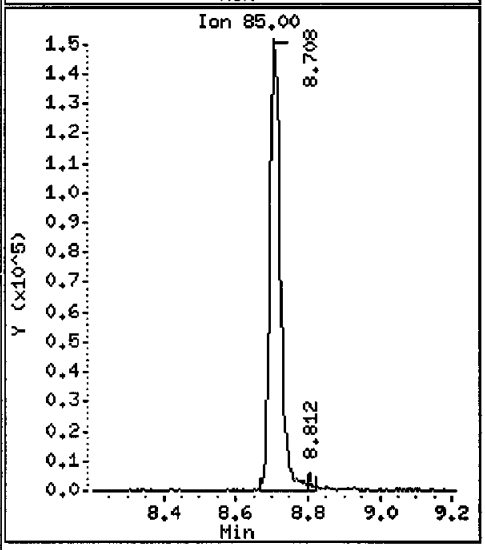
31 Chloroform

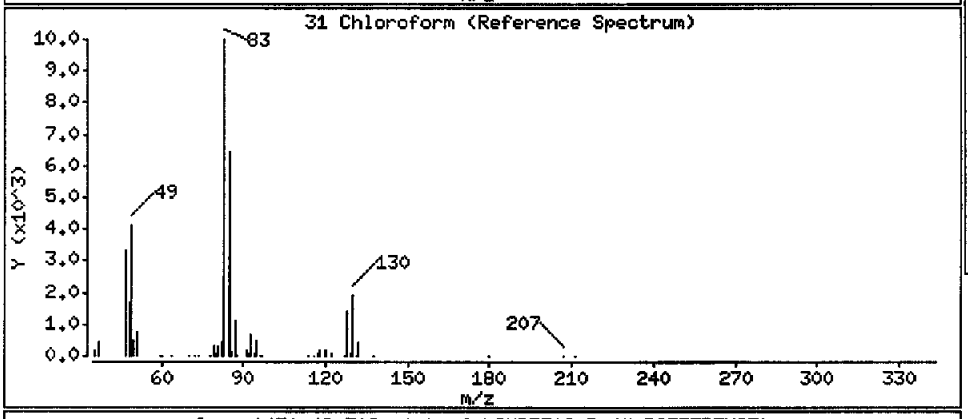
Concentration: 6862 ug/L

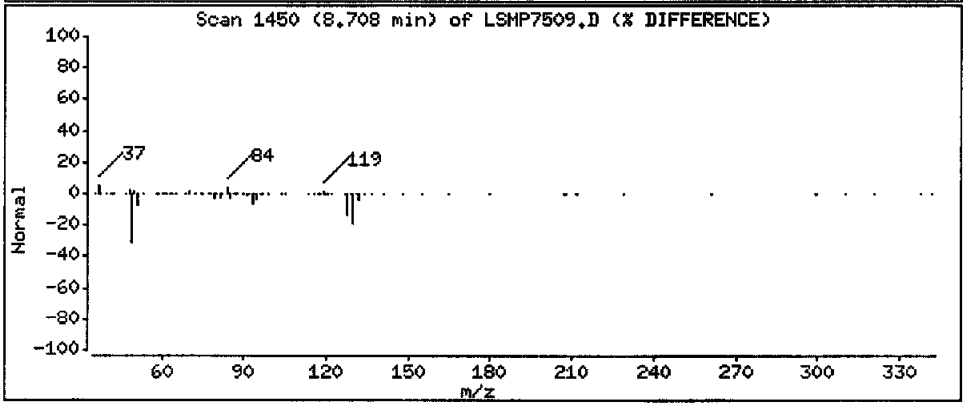












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7509.D

Date : 27-DEC-2007 16:30

Client ID: M-126

Instrument: MSL.i

Sample Info: KEE9T3AA

Purge Volume: 0.1

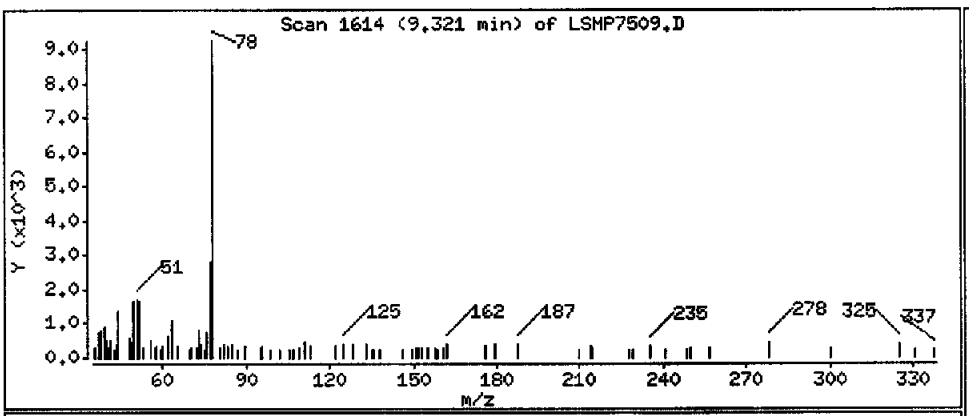
Operator: XIA

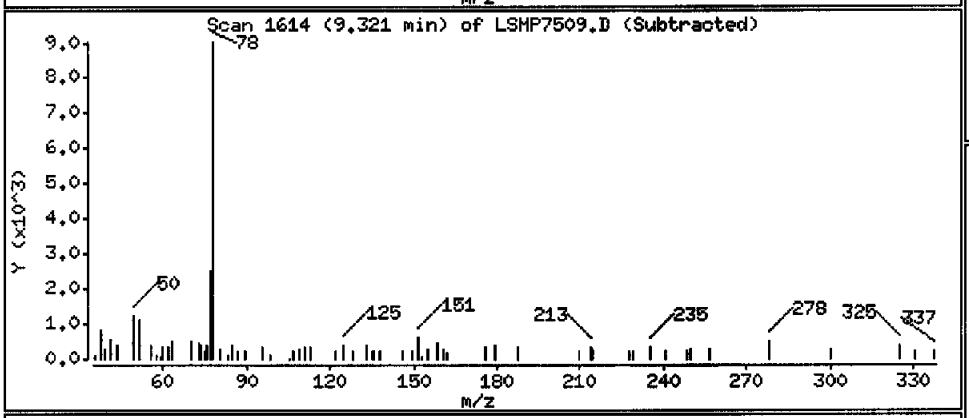
Column phase: RTX-502.2

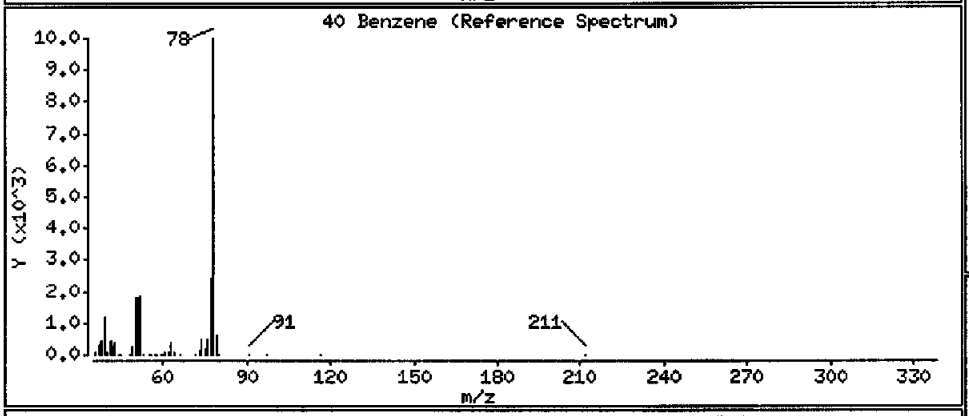
Column diameter: 0.25

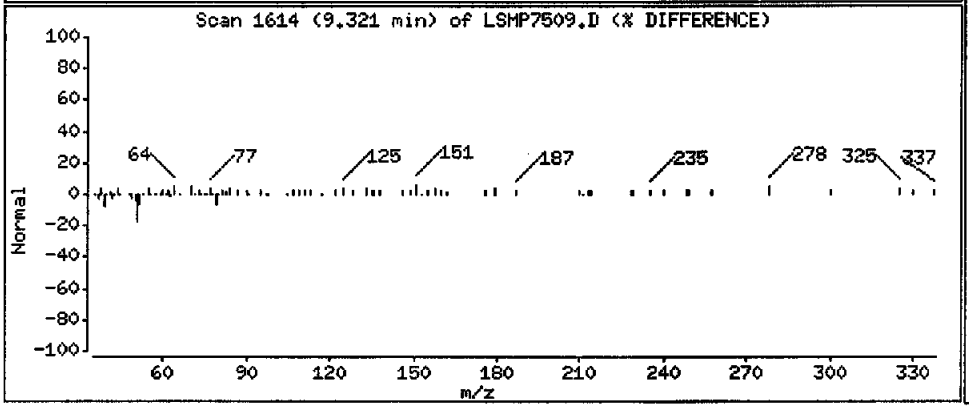
40 Benzene

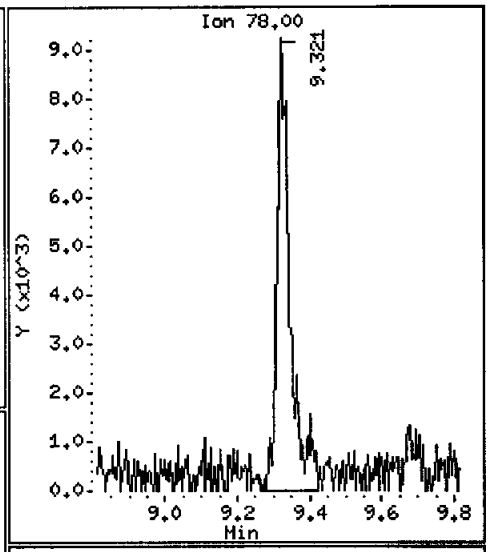
Concentration: 119.0 ug/L

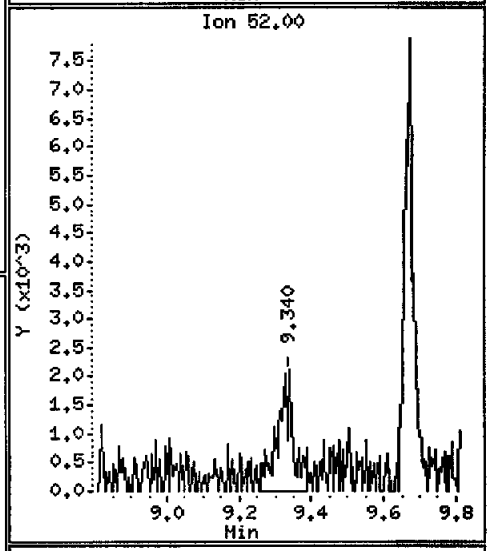


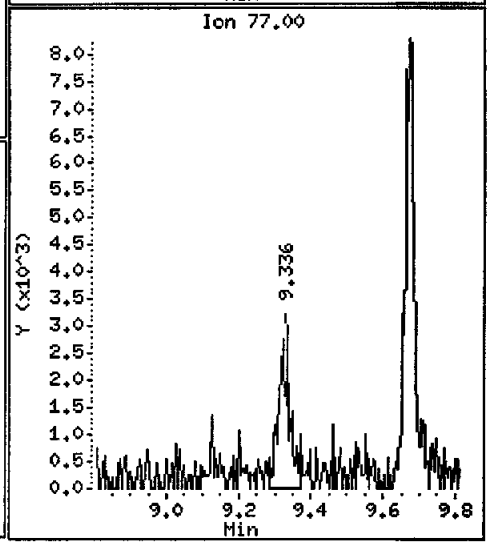












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7509.D

Date : 27-DEC-2007 16:30

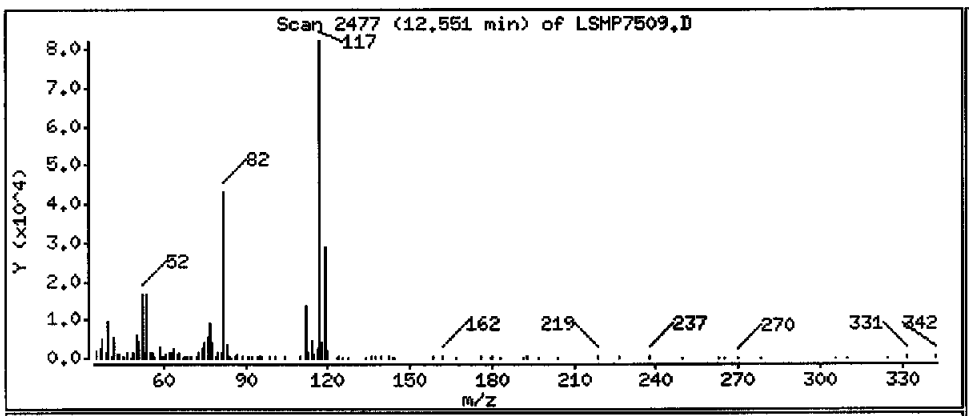
Client ID: M-126 Instrument: MSL.i

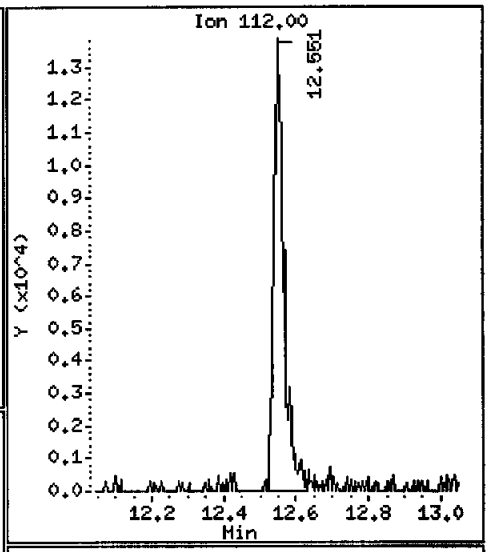
Sample Info: KEE9T3AA

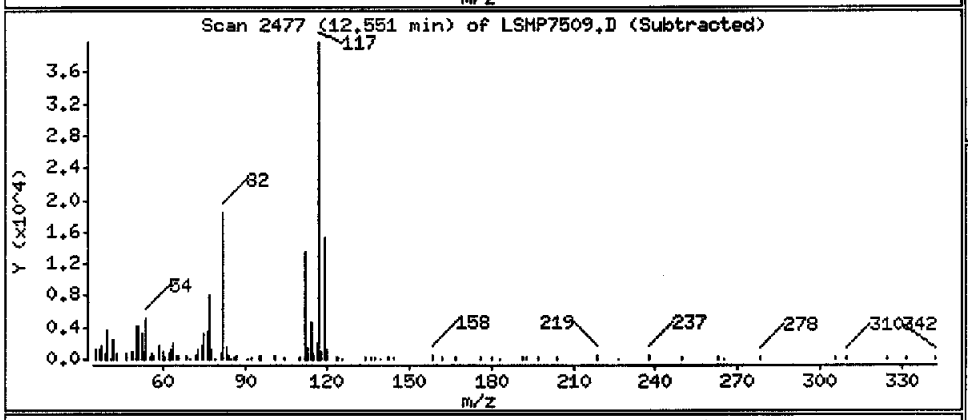
Purge Volume: 0.1 Operator: XIA

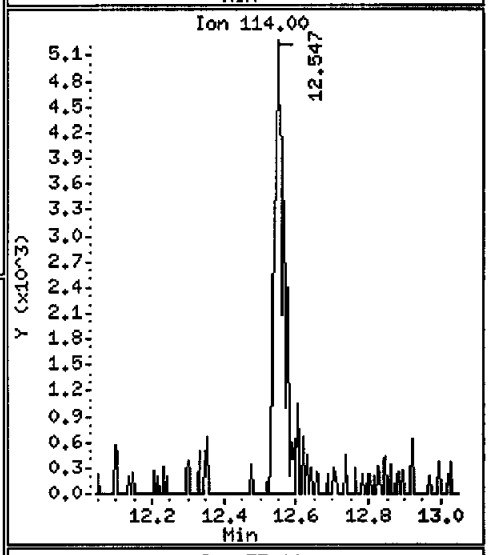
Column phase: RTX-502.2 Column diameter: 0.25

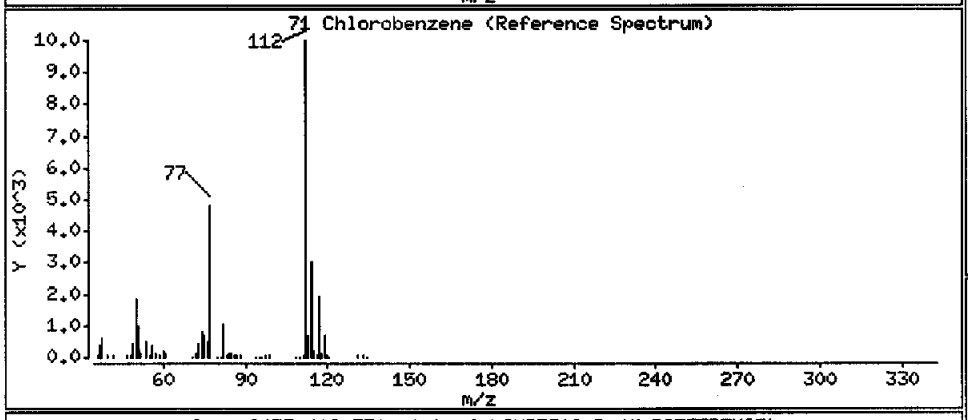
71 Chlorobenzene Concentration: 228.7 ug/L

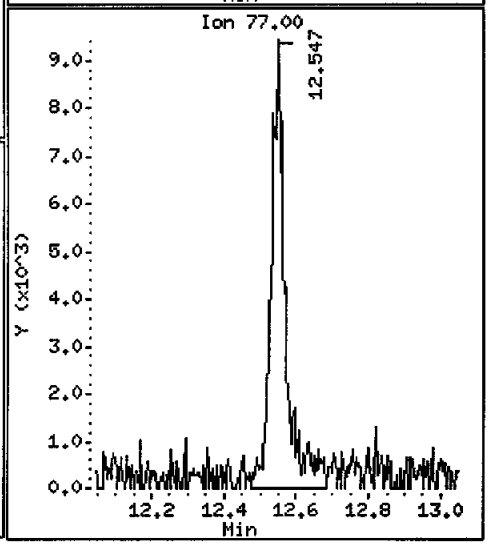


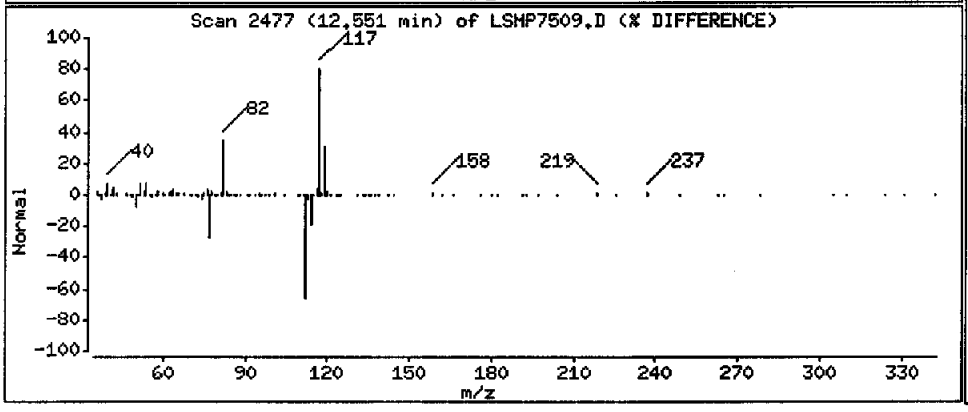












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7509.D

Date : 27-DEC-2007 16:30

Client ID: M-126

Instrument: MSL.i

Sample Info: KEE9T3AA

Purge Volume: 0.1

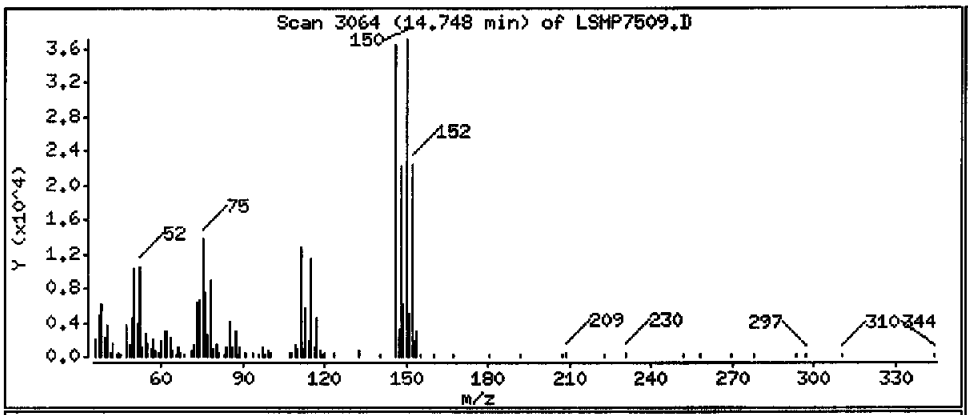
Operator: XIA

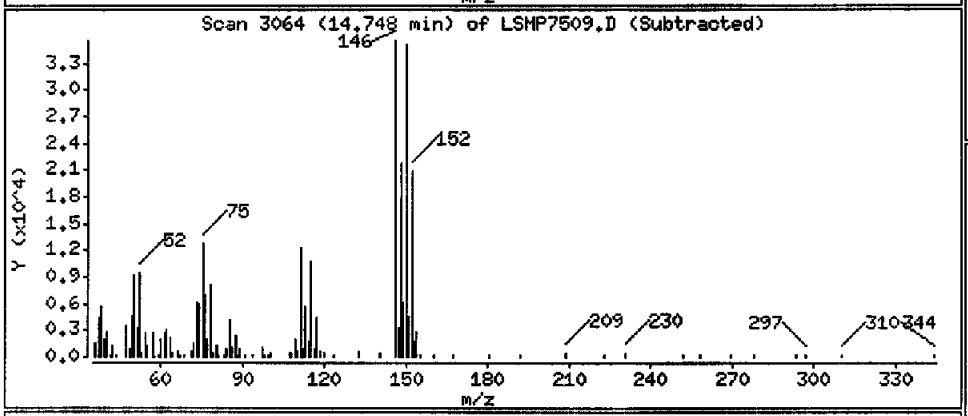
Column phase: RTX-502.2

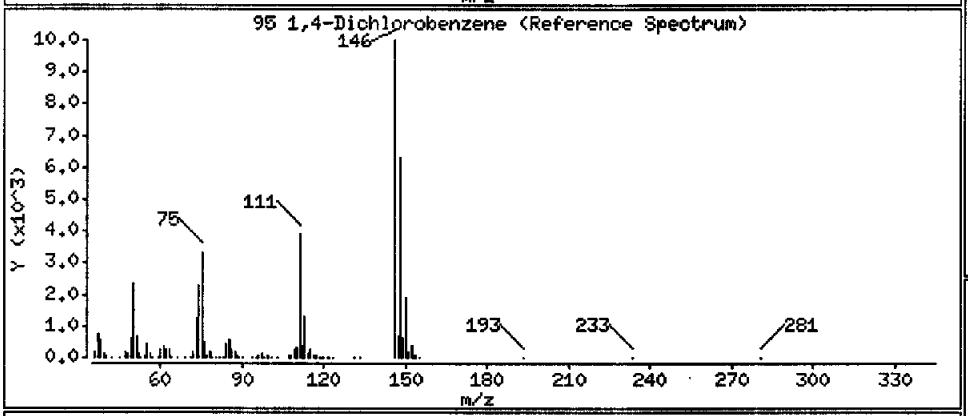
Column diameter: 0.25

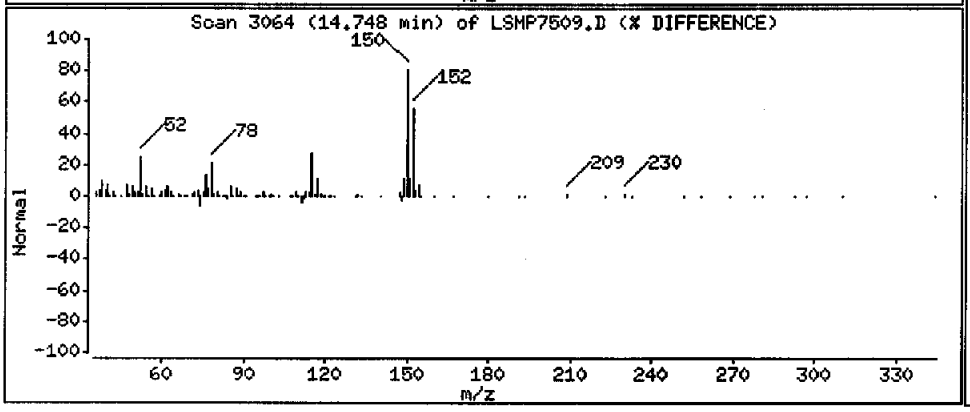
95 1,4-Dichlorobenzene

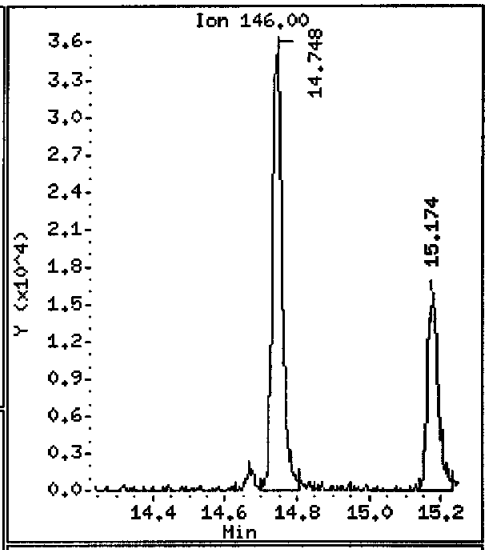
Concentration: 906.3 ug/L

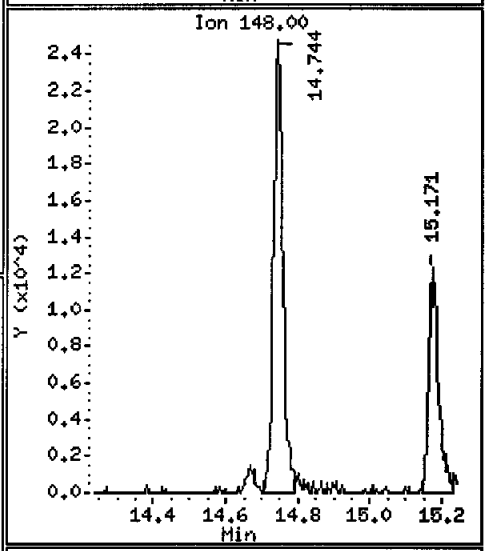


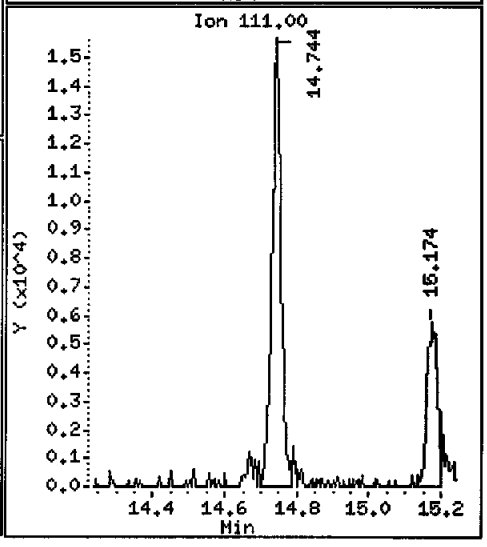












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7509.D

Date : 27-DEC-2007 16:30

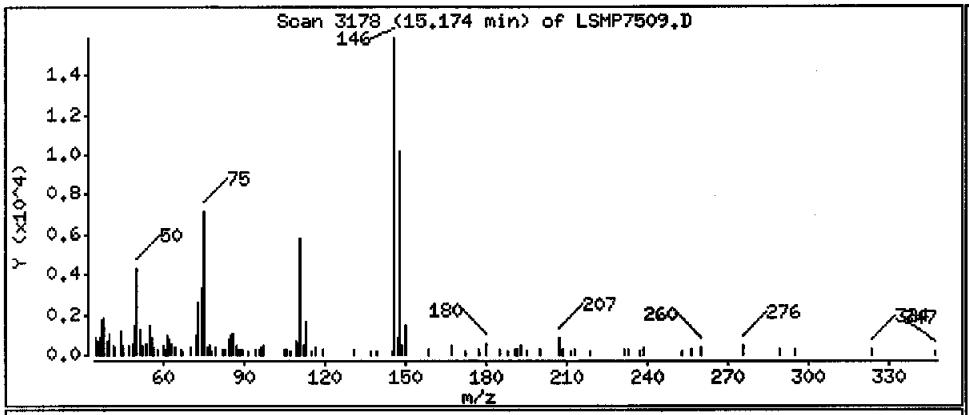
Client ID: H-126 Instrument: MSL.i

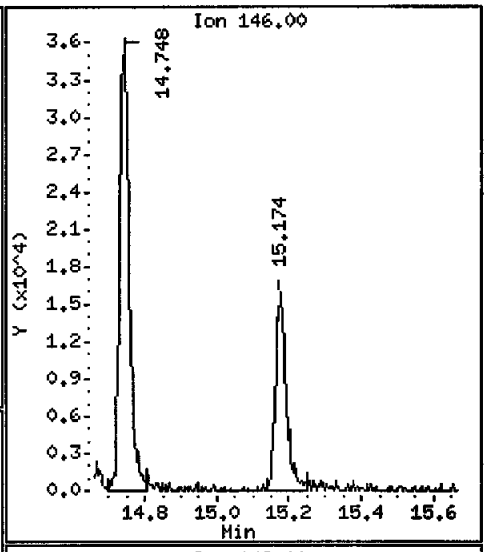
Sample Info: KEE9T3AA

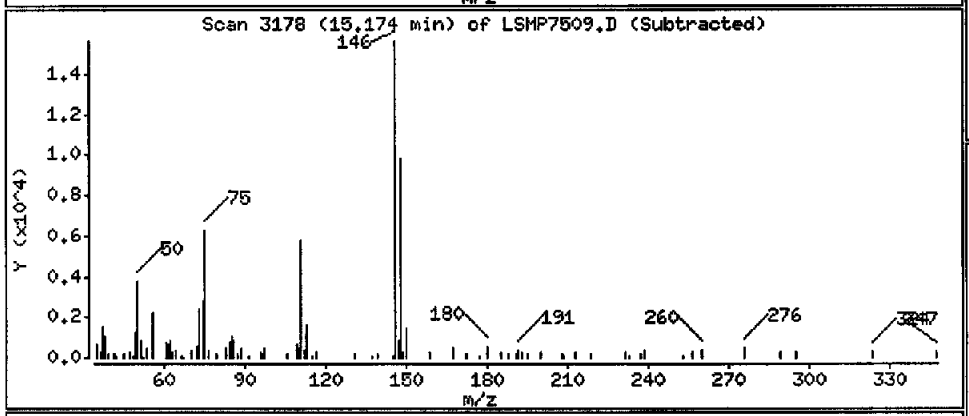
Purge Volume: 0.1 Operator: XIA

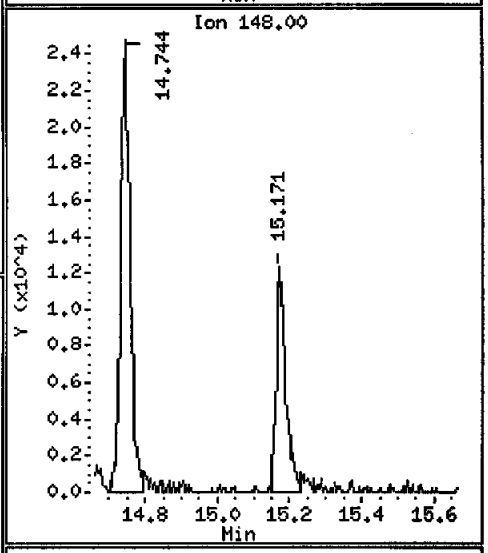
Column phase: RTX-502.2 Column diameter: 0.25

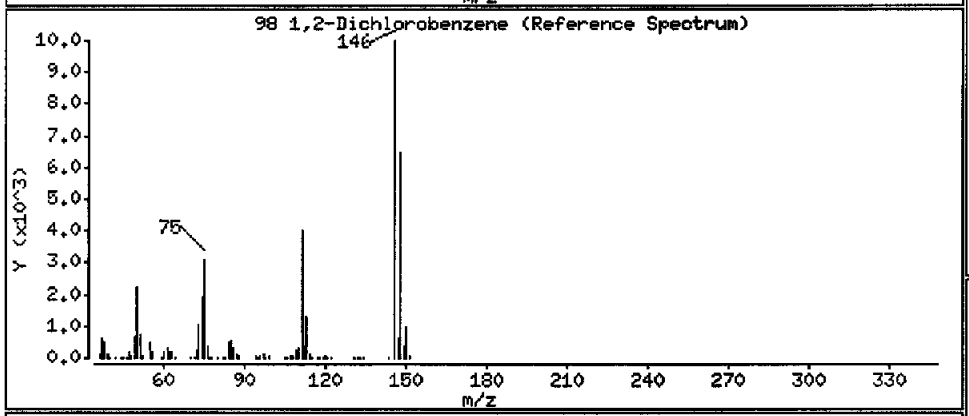
98 1,2-Dichlorobenzene Concentration: 602.3 ug/L

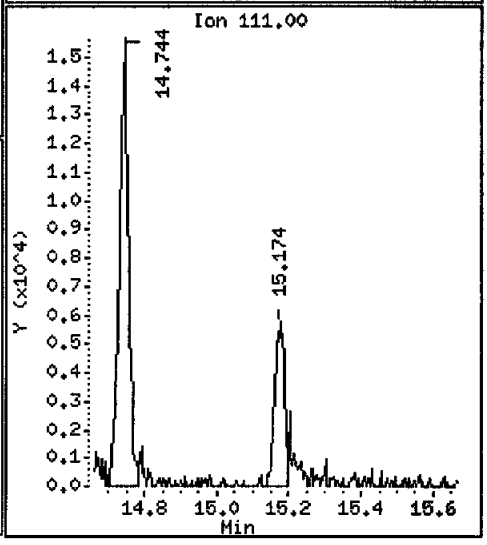


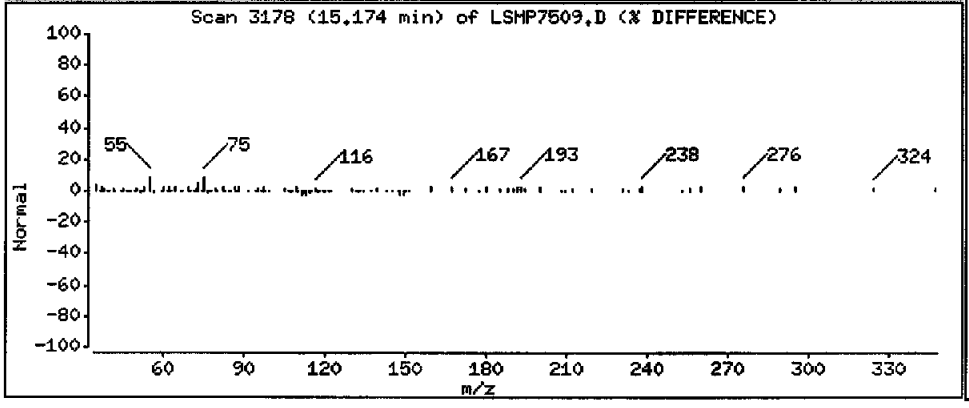






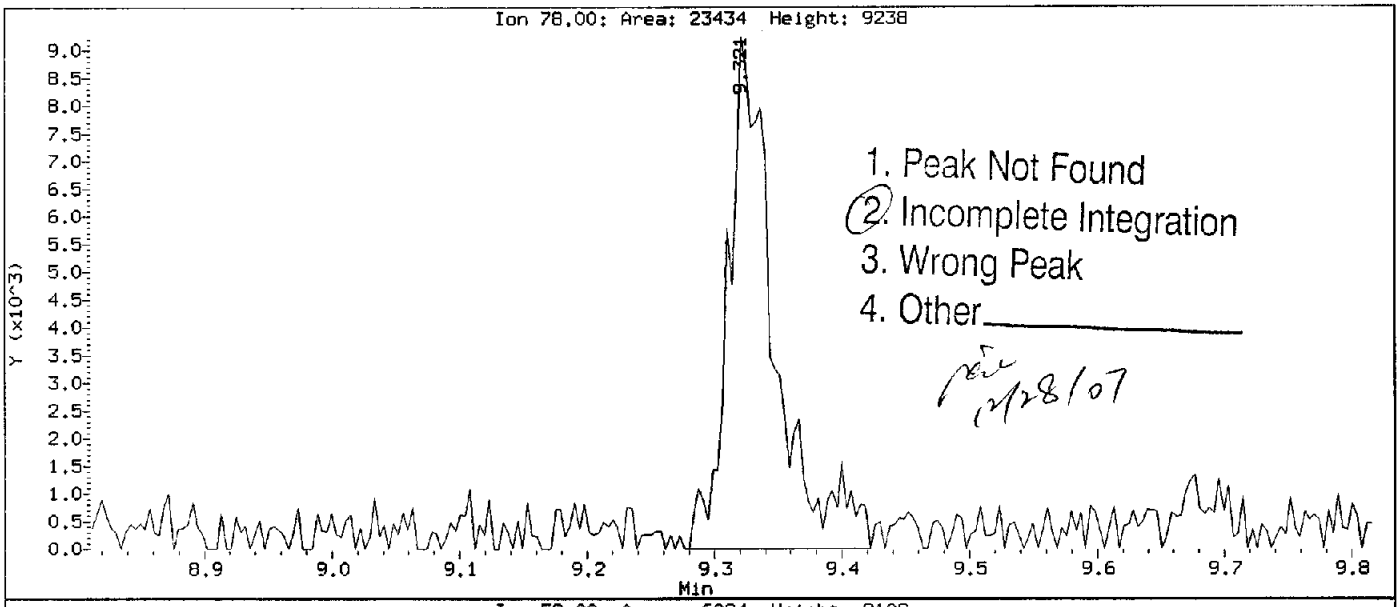






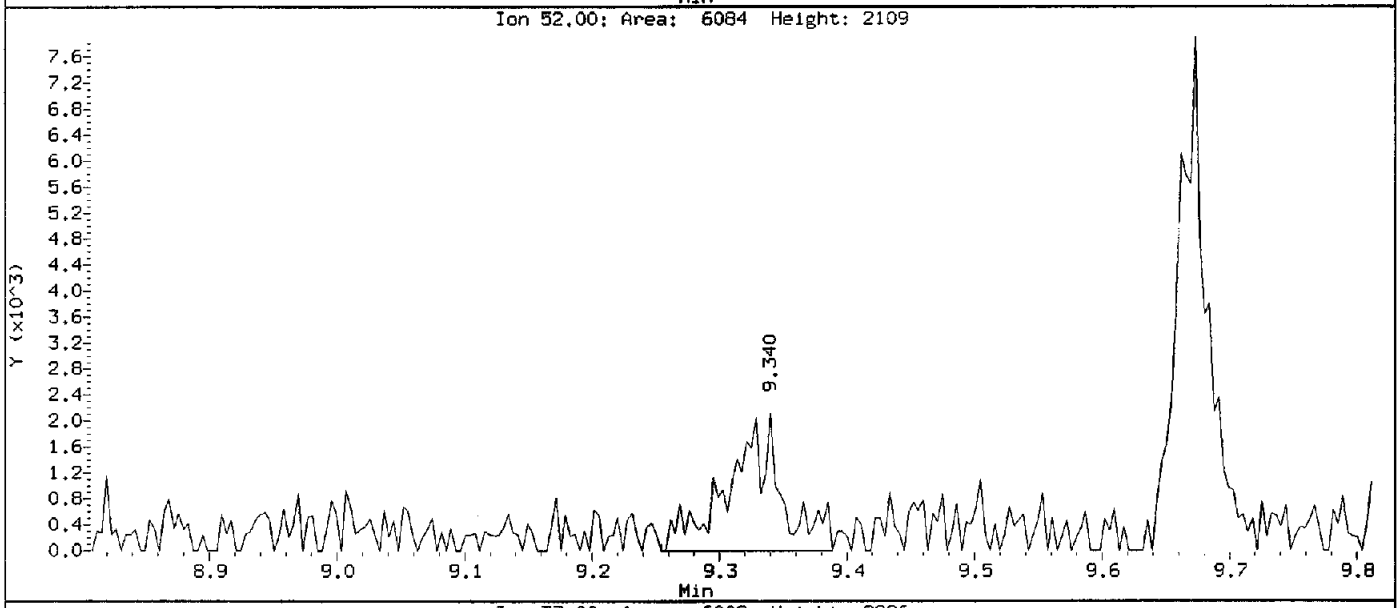
Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7509.D
Injection Date: 27-DEC-2007 16:30
Instrument: MSL.i
Client Sample ID: M-126

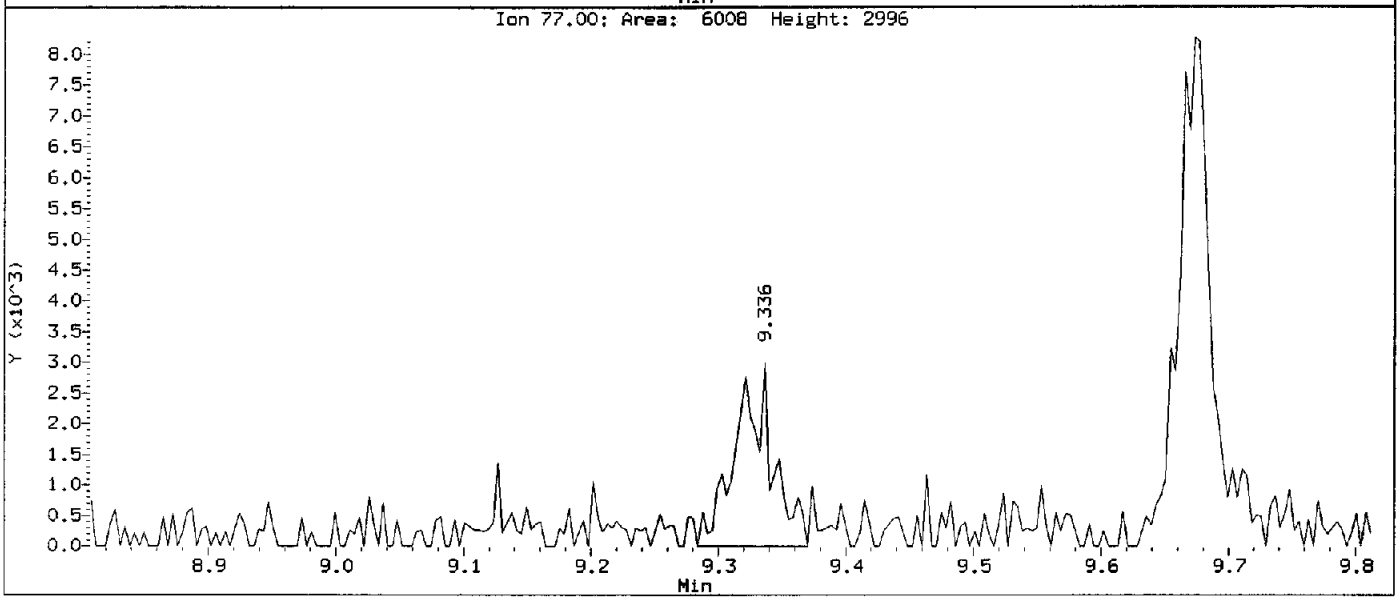
Compound: Benzene
CAS Number: 71-43-2



1. Peak Not Found
(2.) Incomplete Integration
3. Wrong Peak
4. Other _____

12/28/07





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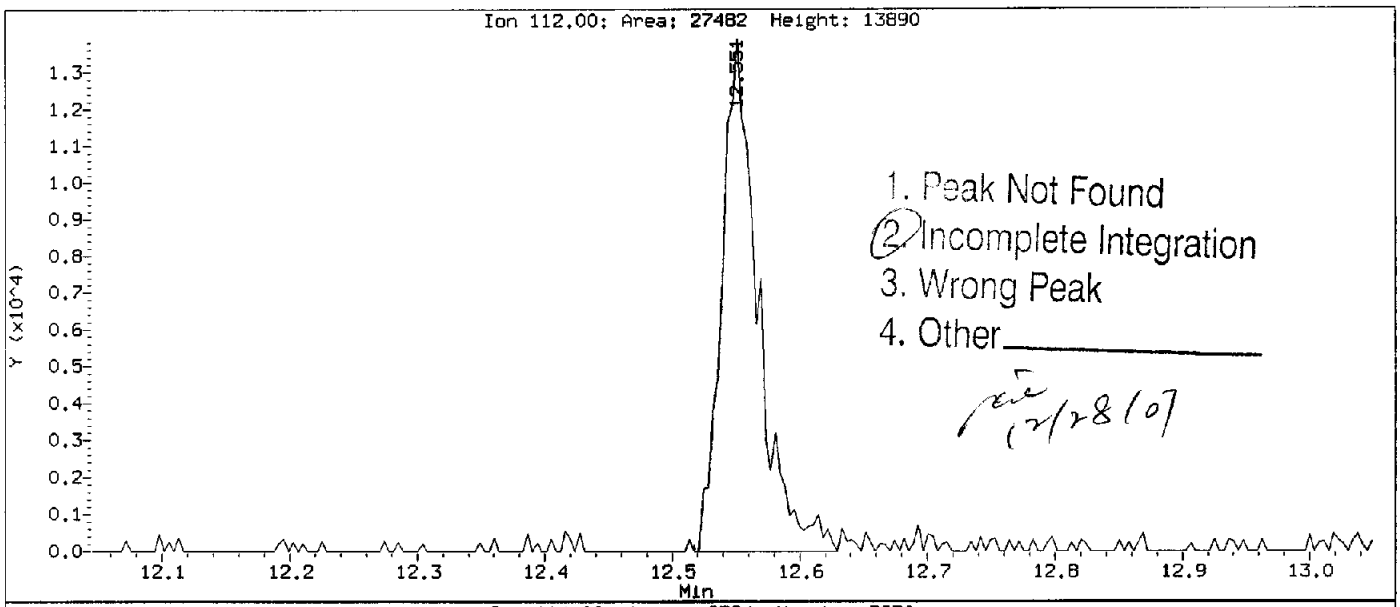
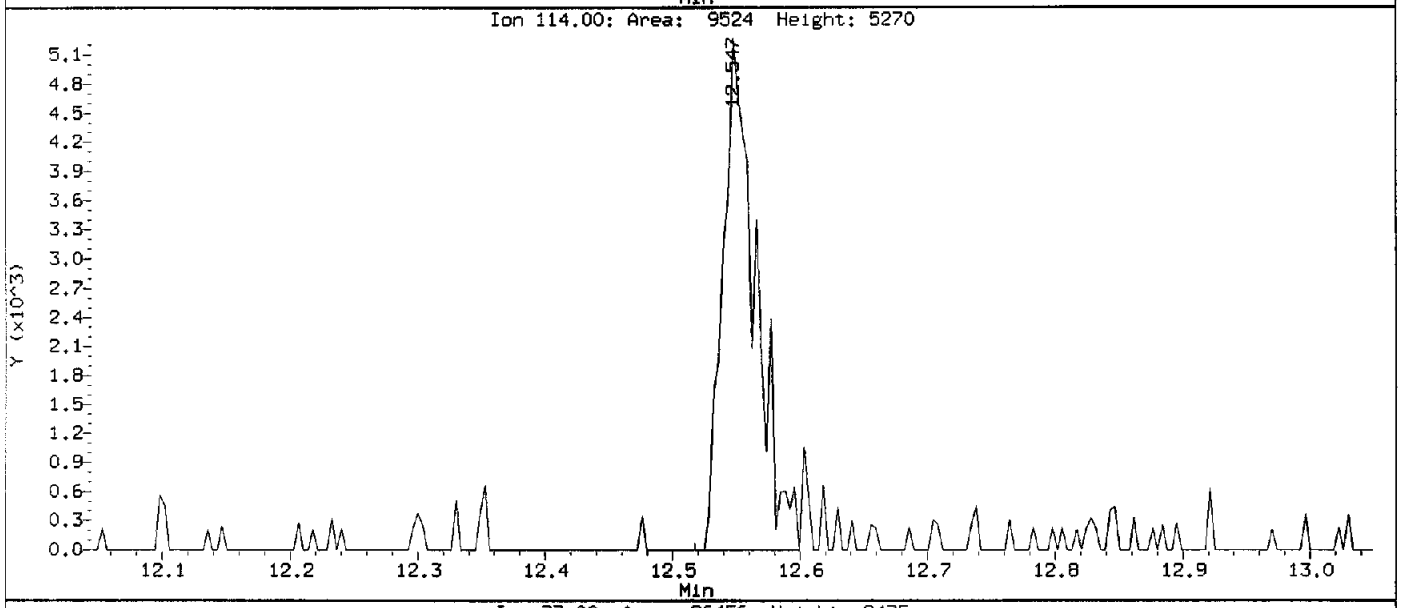
Injection Date: 27-DEC-2007 16:30
Instrument: MSL.i
Client Sample ID: M-126

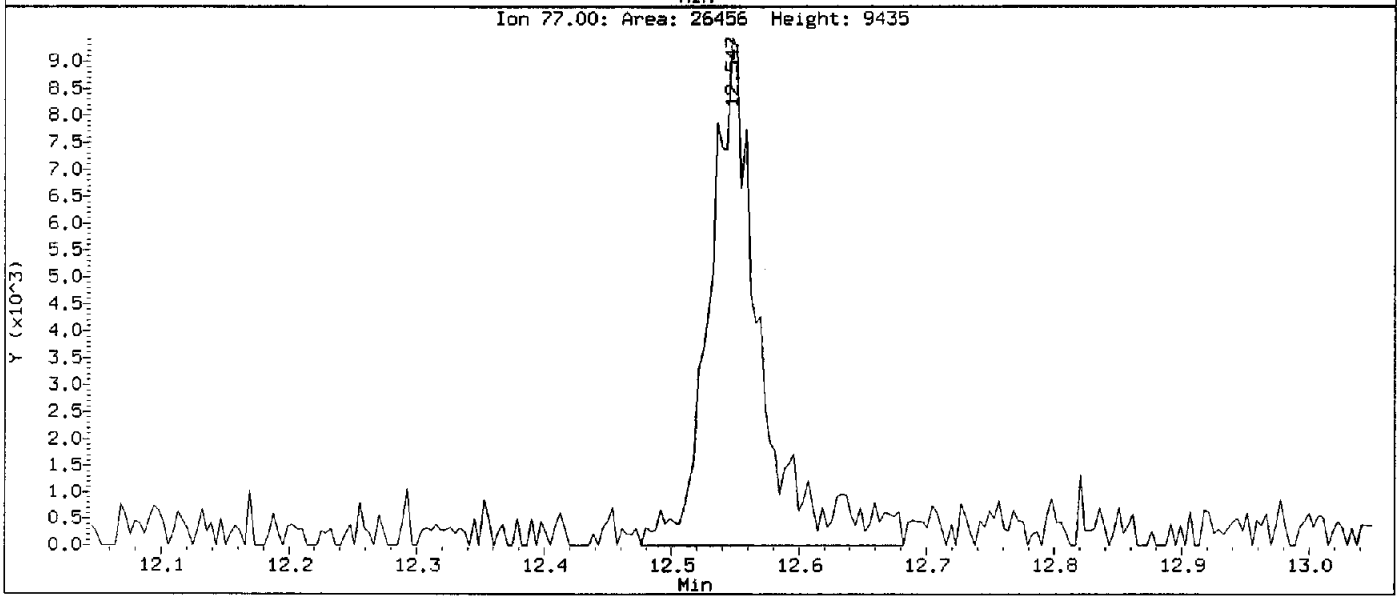
Compound: Chlorobenzene
CAS Number: 108-90-7



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other_____

12/28/07





Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D
Report Date: 27-Dec-2007 13:03

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D
Lab Smp Id: KEE9W1AA Client Smp ID: AA-MW-16
Inj Date : 21-DEC-2007 20:48
Operator : XIA Inst ID: MSL.i
Smp Info : KEE9W1AA
Misc Info : VBLKL355A;F7L190135-003;7358096;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Meth Date : 27-Dec-2007 12:26 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	3 Chloromethane	50	3.910	3.902	(0.404)	23811	0.44299	0.4430(M)
	8 Diethyl ether	59	5.788	5.796	(0.598)	249453	32.0976	32.10
	24 1,1-Dichloroethane	63	7.876	7.873	(0.814)	226442	4.85207	4.852
	31 Chloroform	83	8.711	8.707	(0.901)	1195693	31.2852	31.28
$	36 Dibromofluoromethane	113	8.913	8.906	(0.921)	150875	11.0215	11.02
	40 Benzene	78	9.313	9.313	(0.963)	12553131	117.508	117.5(A)
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	123442	11.4669	11.47
	44 1,2-Dichloroethane	62	9.515	9.512	(0.984)	41600	2.90019	2.900
*	45 Fluorobenzene	96	9.673	9.673	(1.000)	923358	10.0000	
$	57 Toluene-d8	98	11.087	11.084	(0.884)	900120	6.13555	6.136(R)
	62 Tetrachloroethene	164	11.529	11.521	(0.919)	22233	0.72077	0.7208
*	70 Chlorobenzene-d5	117	12.539	12.528	(1.000)	981198	10.0000	
	71 Chlorobenzene	112	12.539	12.547	(1.000)	19219354	182.632	182.6(A)
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	213319	8.58328	8.583
	93 1,3-Dichlorobenzene	146	14.665	14.657	(0.996)	114101	2.45007	2.450
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	252914	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	2320582	50.5307	50.53(A)
	98 1,2-Dichlorobenzene	146	15.163	15.166	(1.030)	1286641	37.3439	37.34

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D
Report Date: 27-Dec-2007 13:03

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D
Report Date: 27-Dec-2007 13:03

STL St. Louis

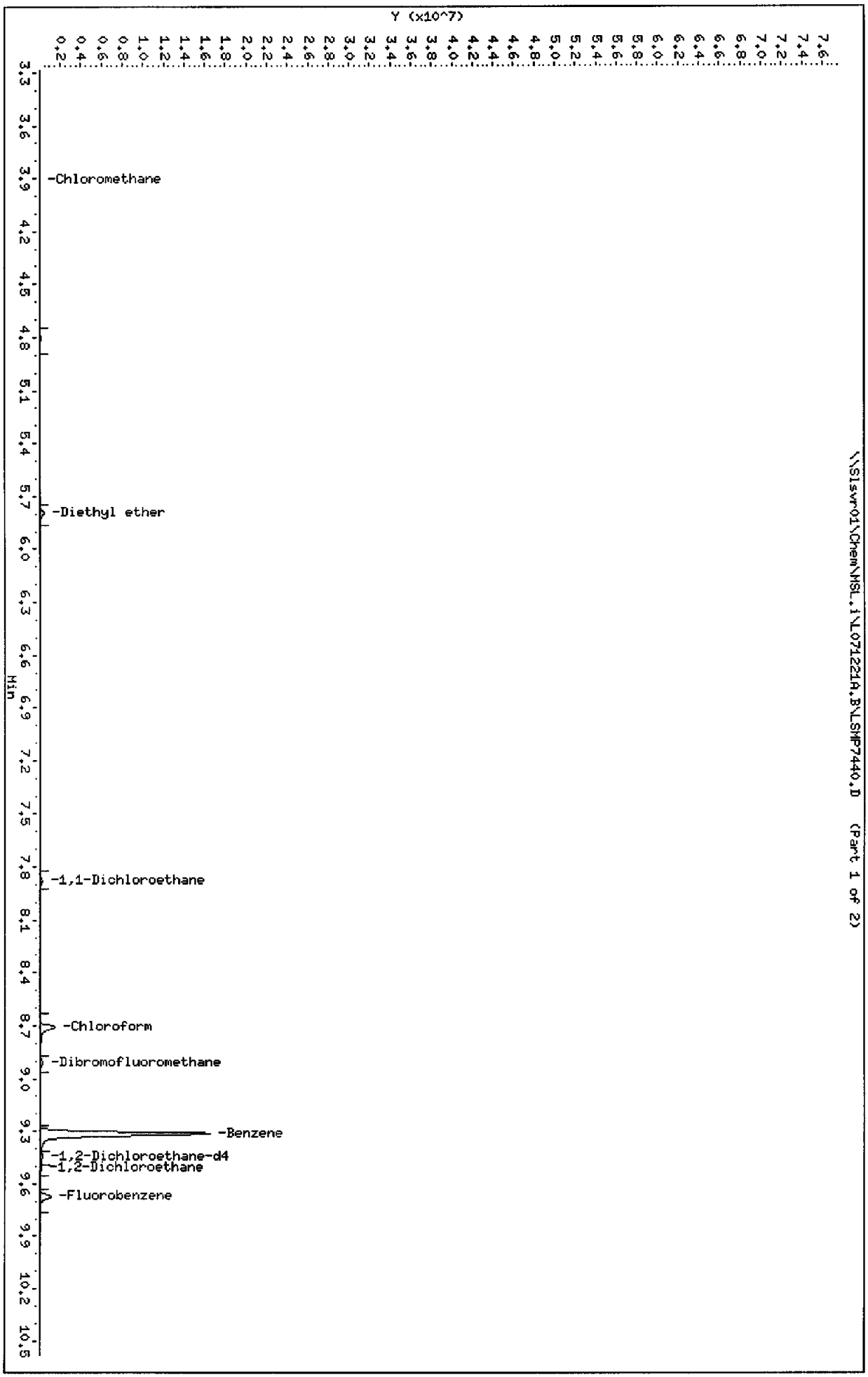
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LSMP7440.D
Lab Smp Id: KEE9W1AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 21-DEC-2007
Calibration Time: 13:05
Client Smp ID: AA-MW-16
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Misc Info: VBLKL355A;F7L190135-003;7358096;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1399217	699609	2798434	923358	-34.01
70 Chlorobenzene-d5	802936	401468	1605872	981198	22.20
94 1,4 Dichlorobenze	308619	154310	617238	252914	-18.05

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.54	0.09
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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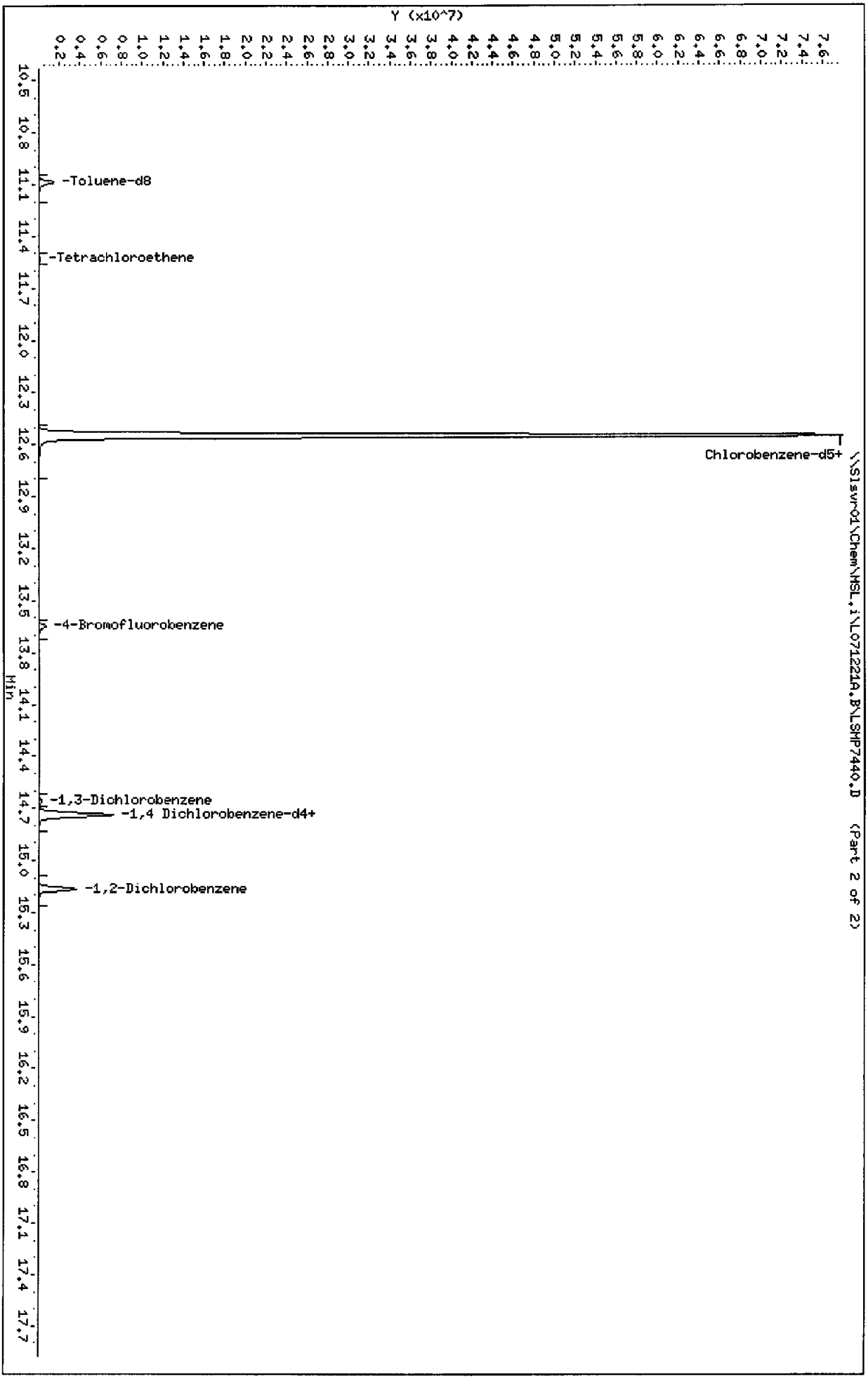
Date : 21-DEC-2007 20:48
Client ID: AA-MW-16
Sample Info: KEE9W1AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D (Part 1 of 2)
Y (x10^7)
Min
-Chloromethane
-Diethyl ether
-1,1-Dichloroethane
-Chloroform
-Dibromofluoromethane
-Benzene
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSHP7440.D
Date : 21-DEC-2007 20:48
Client ID: AA-MW-16
Sample Info: KEE9W1AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^7)
-Toluene-d8
-Tetrachloroethene
Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-1,2-Dichlorobenzene
Min
\\Slsvr01\Chem\MSL.i\L071221A.B\LSHP7440.D (Part 2 of 2)

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D

Date : 21-DEC-2007 20:48

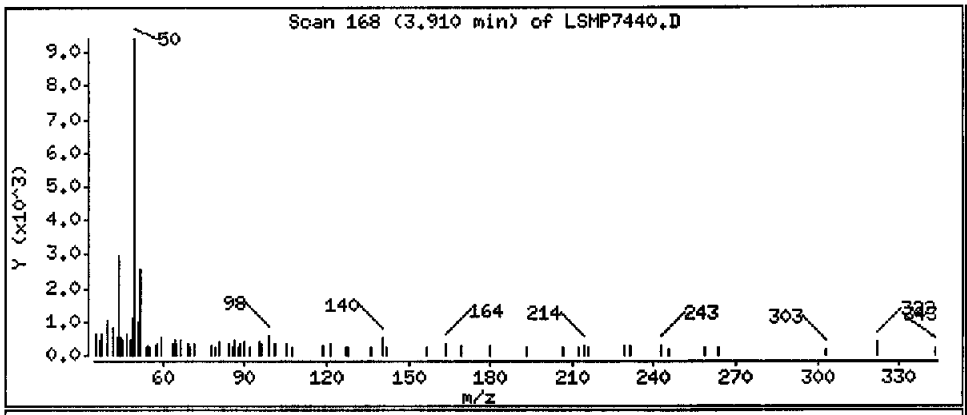
Client ID: AA-MW-16 Instrument: MSL.i

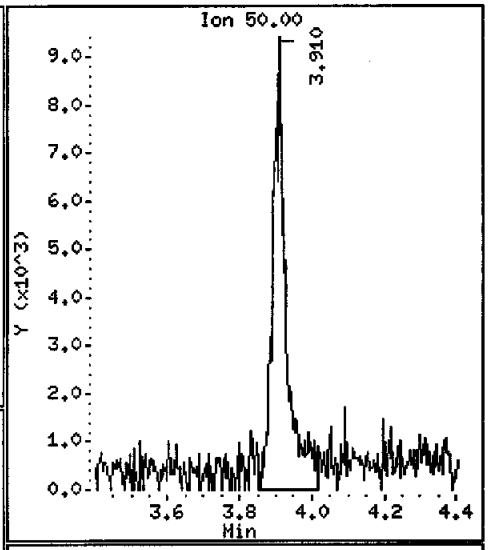
Sample Info: KEE9W1AA

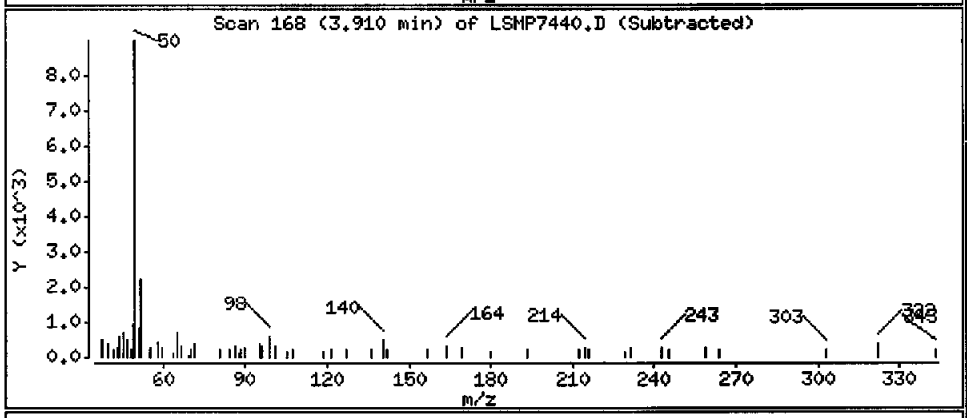
Purge Volume: 25.0 Operator: XIA

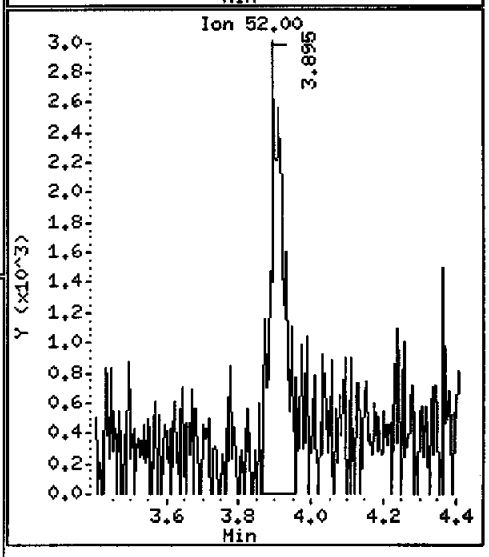
Column phase: RTX-502.2 Column diameter: 0.25

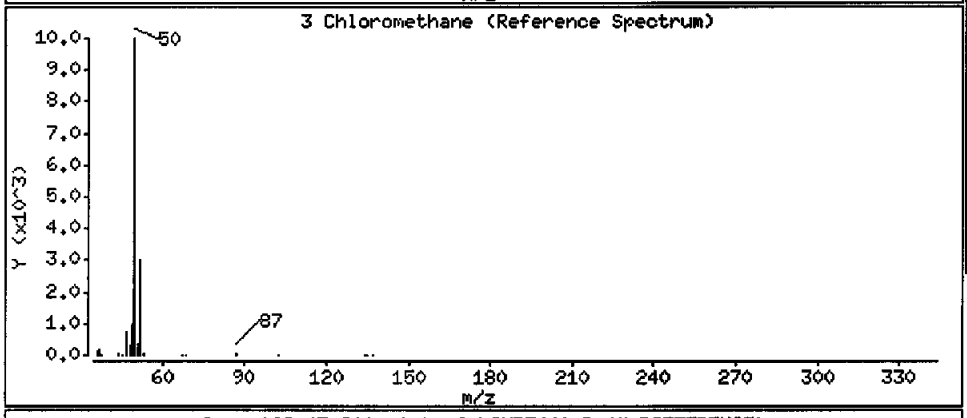
3 Chloromethane Concentration: 0.4430 ug/L

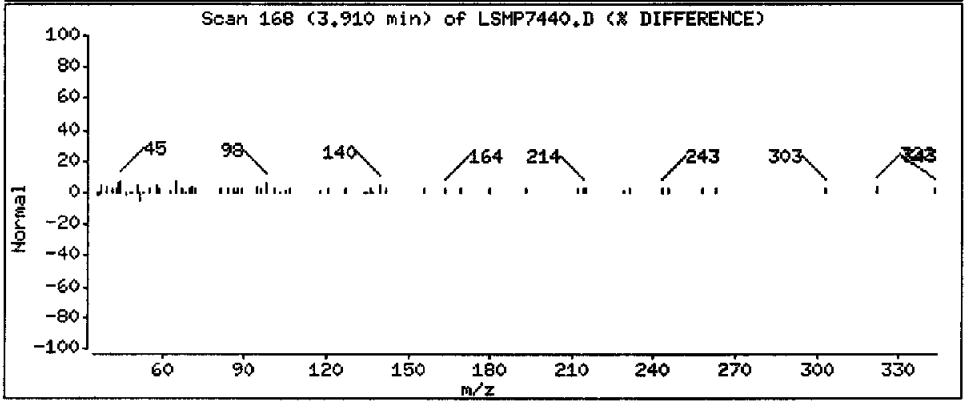












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D

Date : 21-DEC-2007 20:48

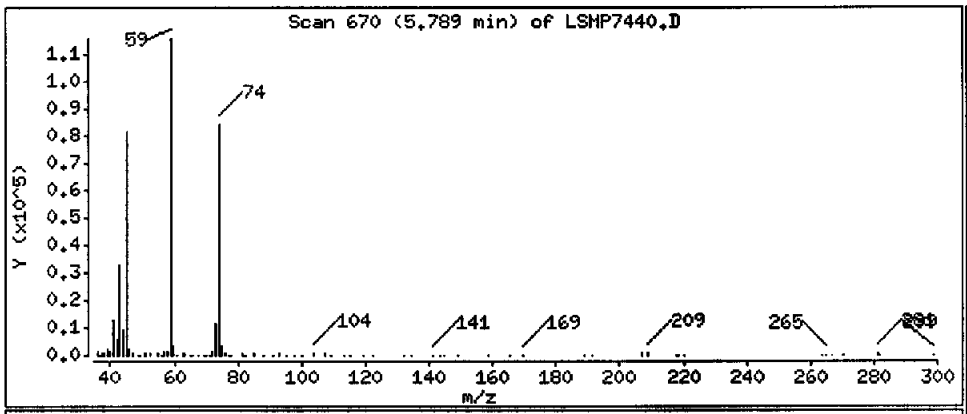
Client ID: AA-MW-16 Instrument: MSL.i

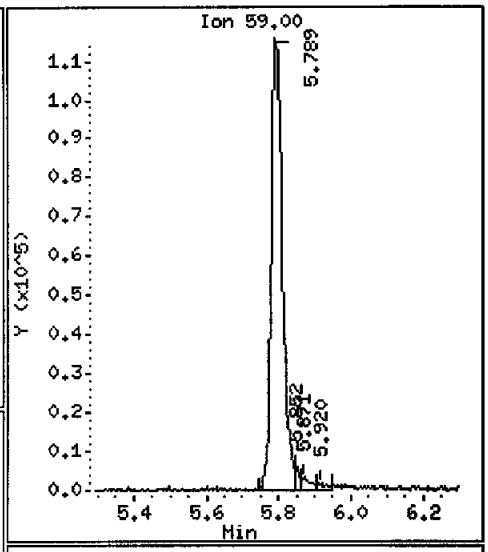
Sample Info: KEE9W1AA

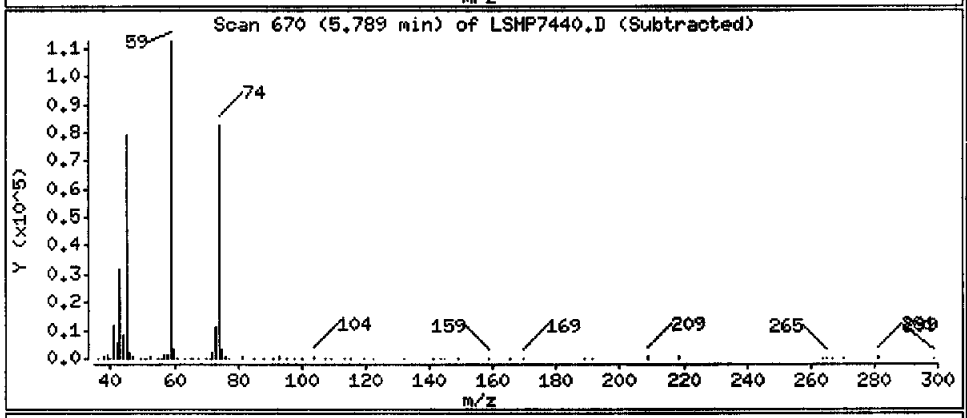
Purge Volume: 25.0 Operator: XIA

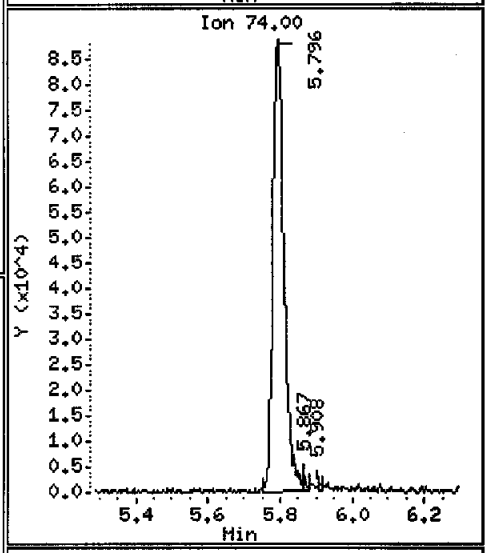
Column phase: RTX-502.2 Column diameter: 0.25

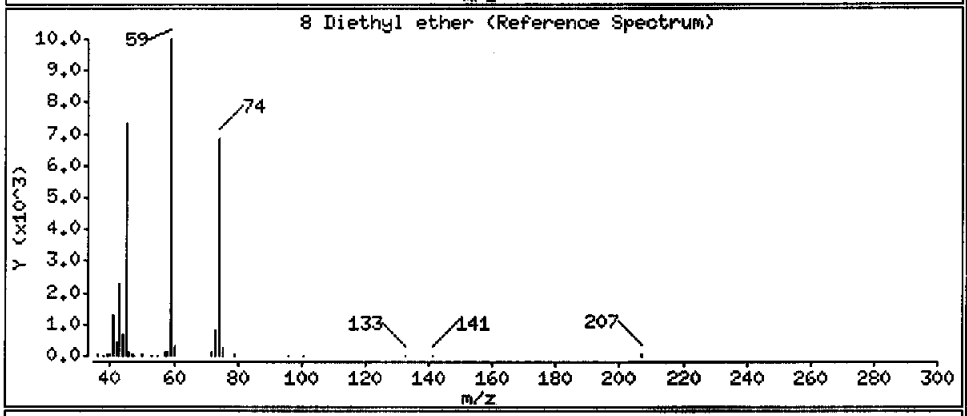
8 Diethyl ether Concentration: 32.10 ug/L

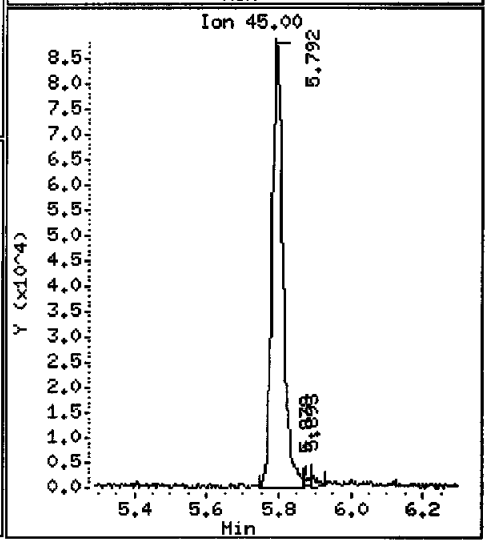


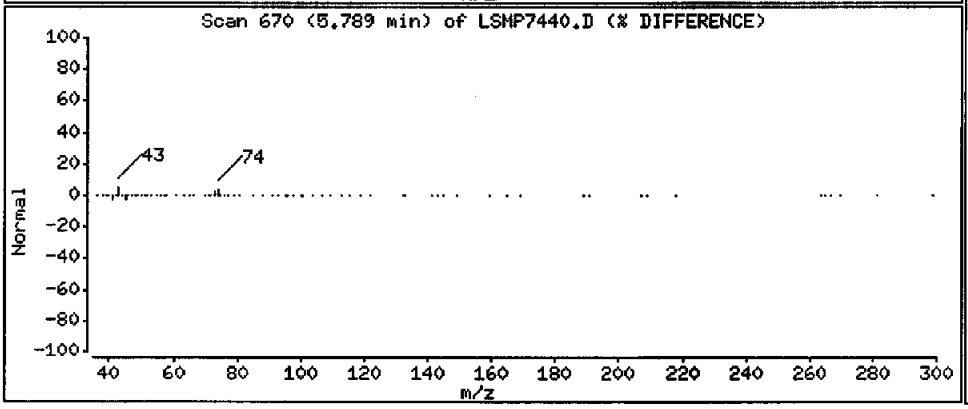












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D

Date : 21-DEC-2007 20:48

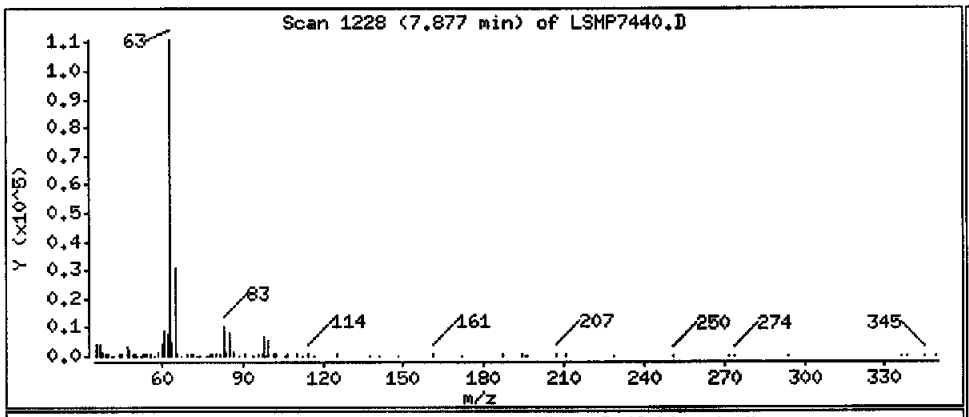
Client ID: AA-MW-16 Instrument: MSL.i

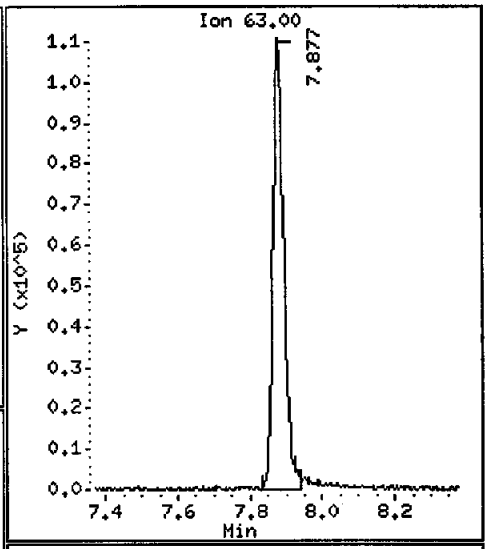
Sample Info: KEE9W1AA

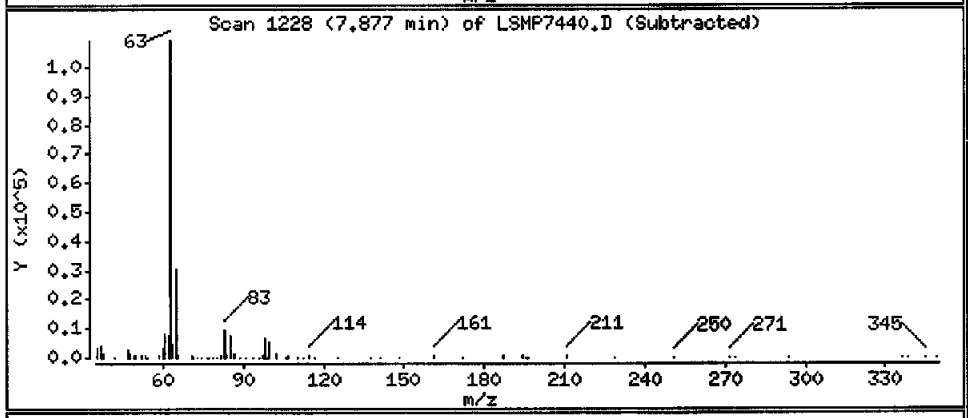
Purge Volume: 25.0 Operator: XIA

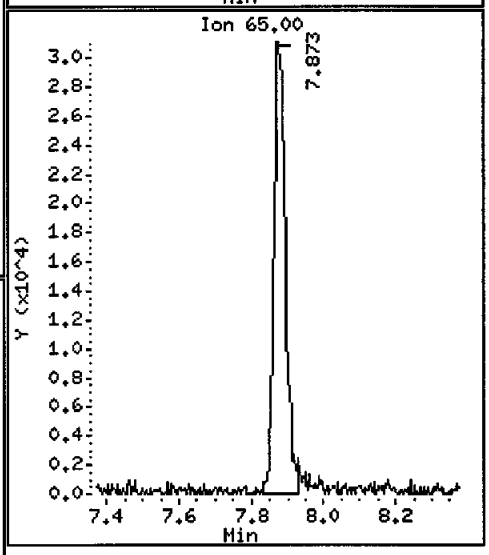
Column phase: RTX-502.2 Column diameter: 0.25

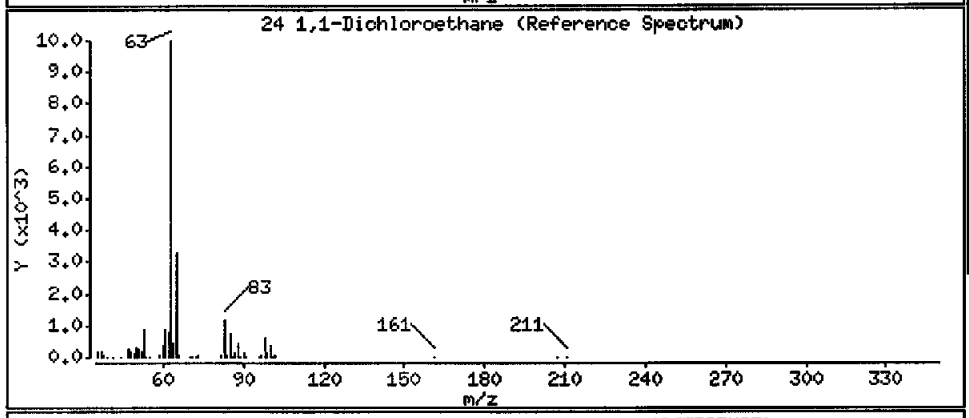
24 1,1-Dichloroethane Concentration: 4.852 ug/L

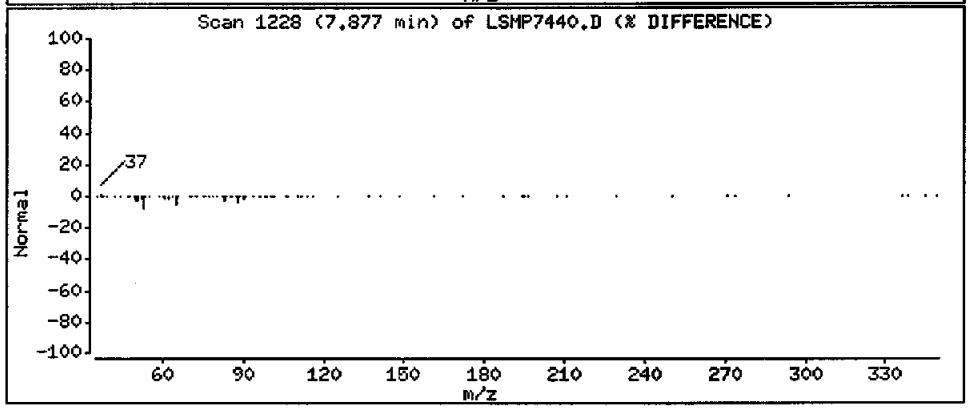












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D

Date : 21-DEC-2007 20:48

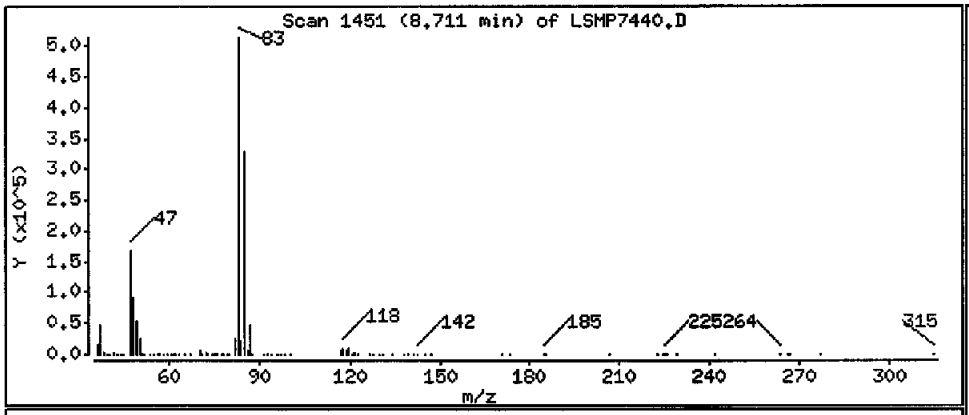
Client ID: AA-MW-16 Instrument: MSL.i

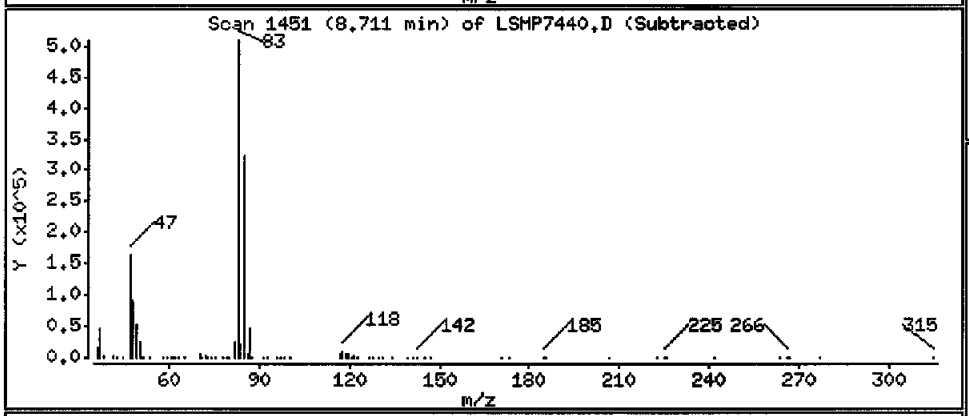
Sample Info: KEE9W1AA

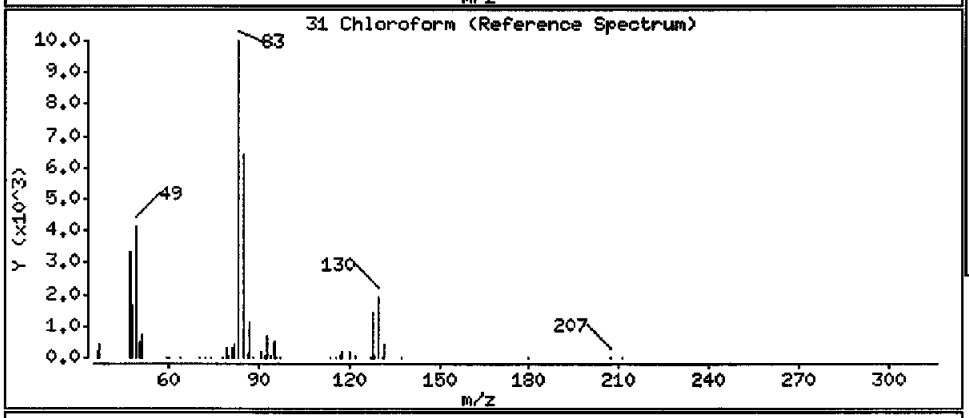
Purge Volume: 25.0 Operator: XIA

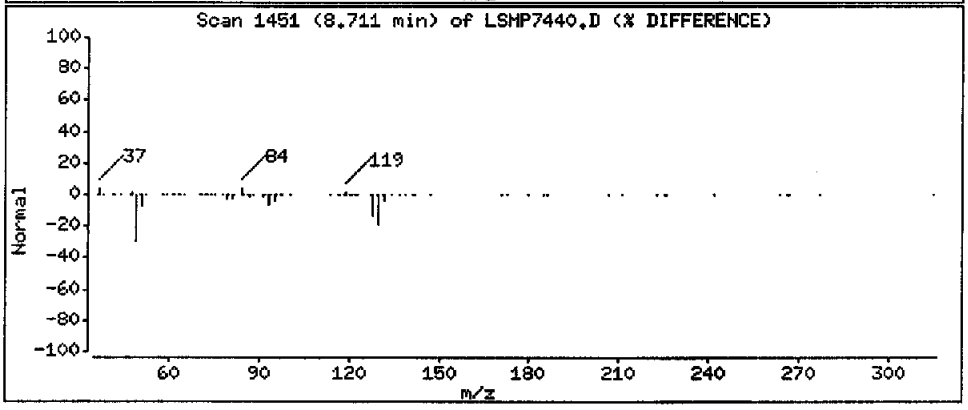
Column phase: RTX-502.2 Column diameter: 0.25

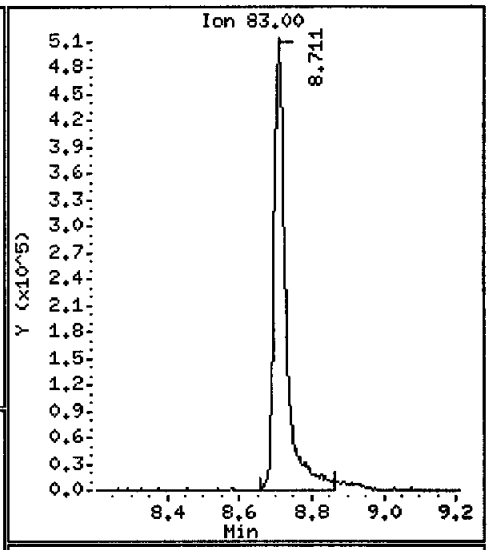
31 Chloroform Concentration: 31.28 ug/L

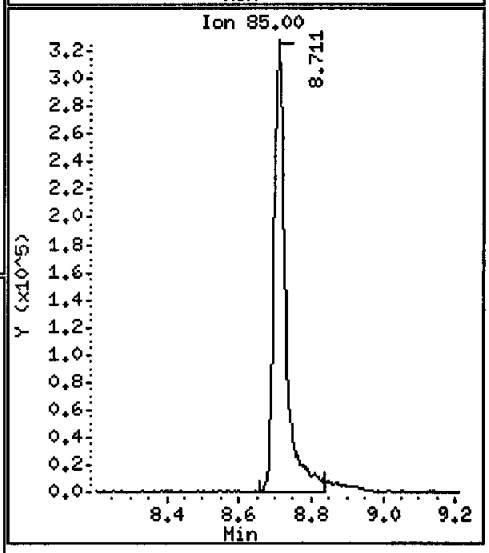












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D

Date : 21-DEC-2007 20:48

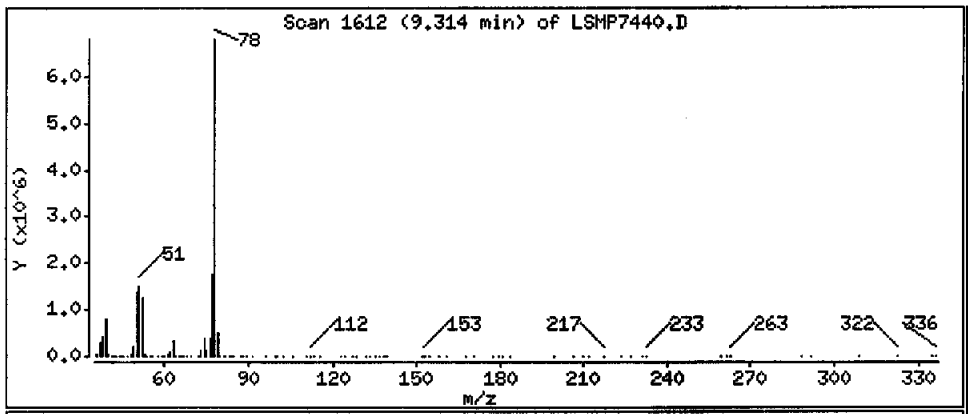
Client ID: AA-MW-16 Instrument: MSL.i

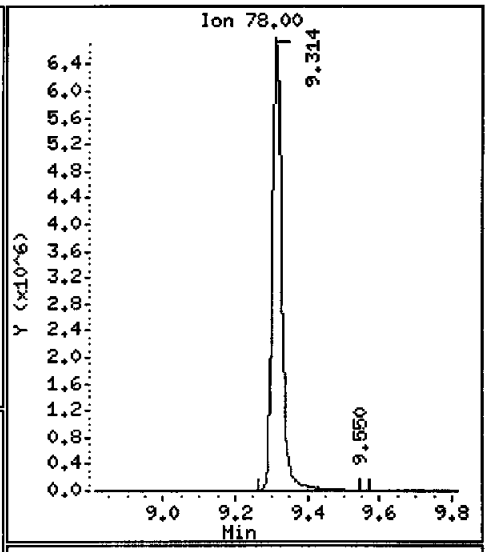
Sample Info: KEE9W1AA

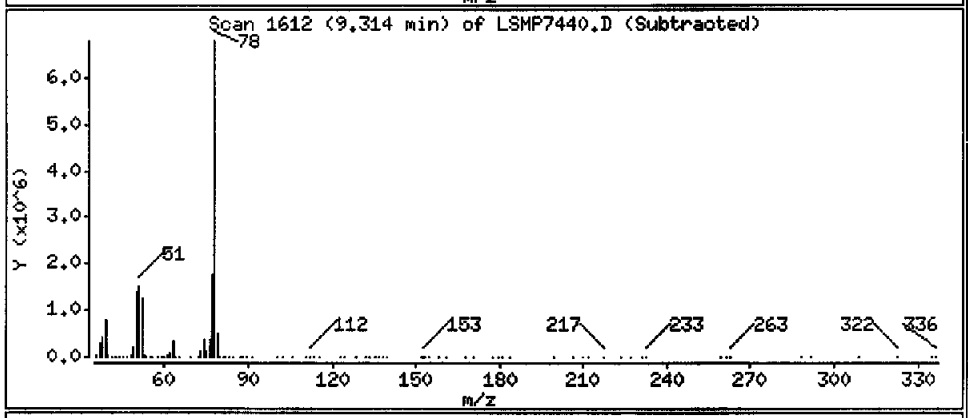
Purge Volume: 25.0 Operator: XIA

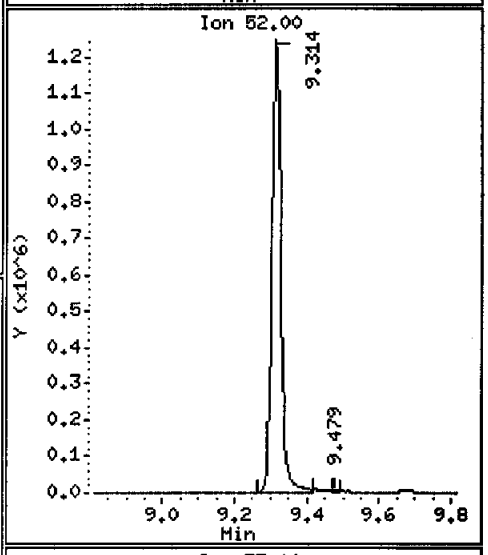
Column phase: RTX-502.2 Column diameter: 0.25

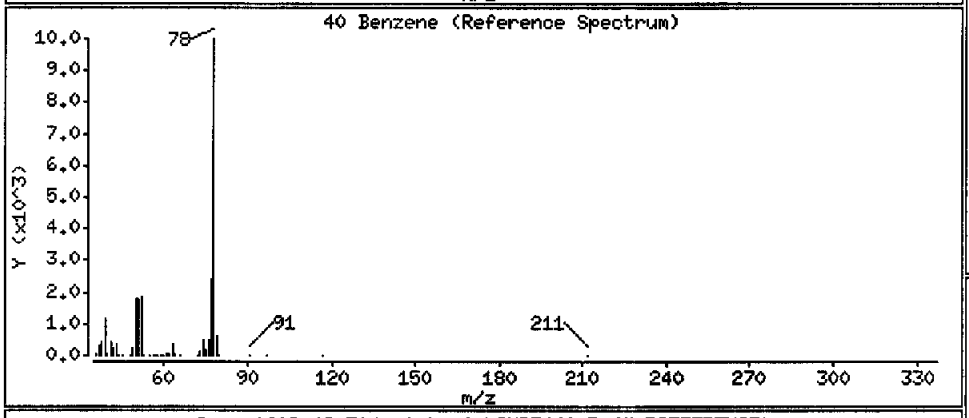
40 Benzene Concentration: 117.5 ug/L

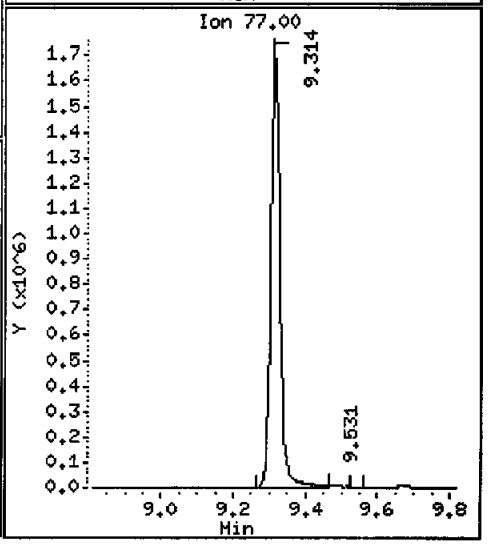


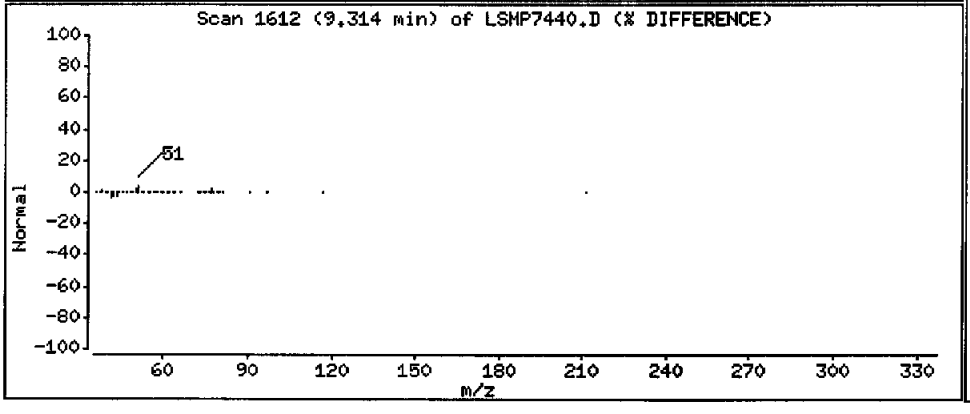












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D

Date : 21-DEC-2007 20:48

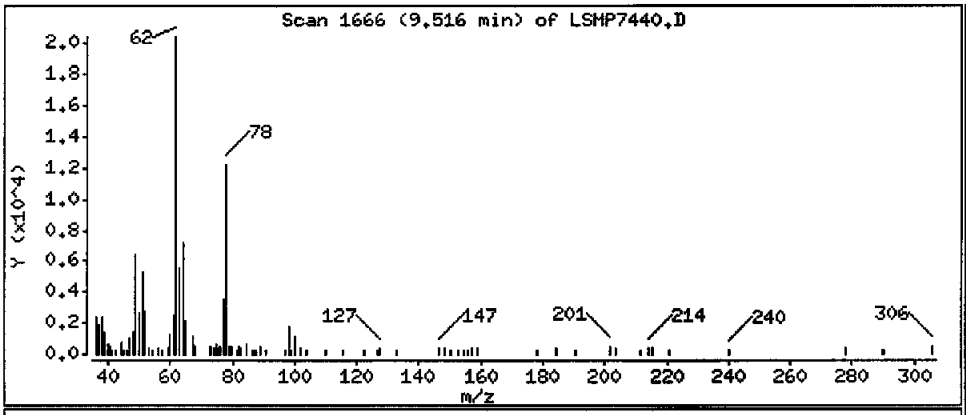
Client ID: AA-MW-16 Instrument: MSL.i

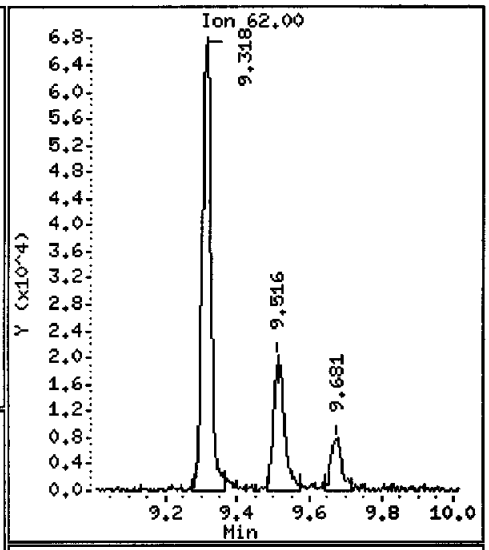
Sample Info: KEE9W1AA

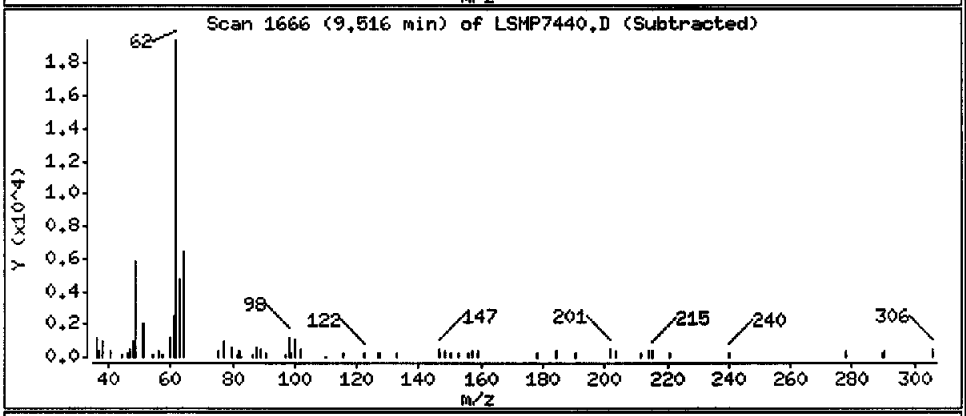
Purge Volume: 25.0 Operator: XIA

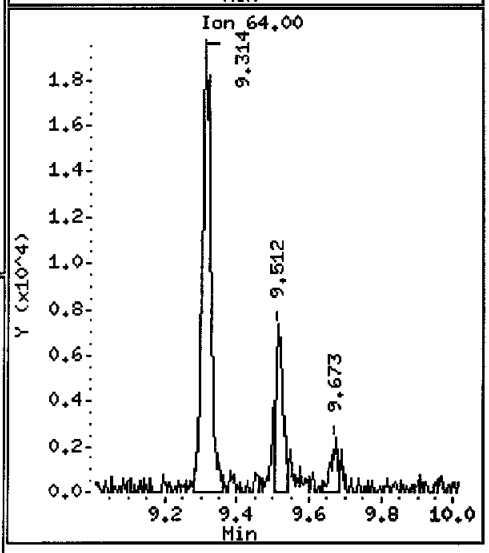
Column phase: RTX-502.2 Column diameter: 0.25

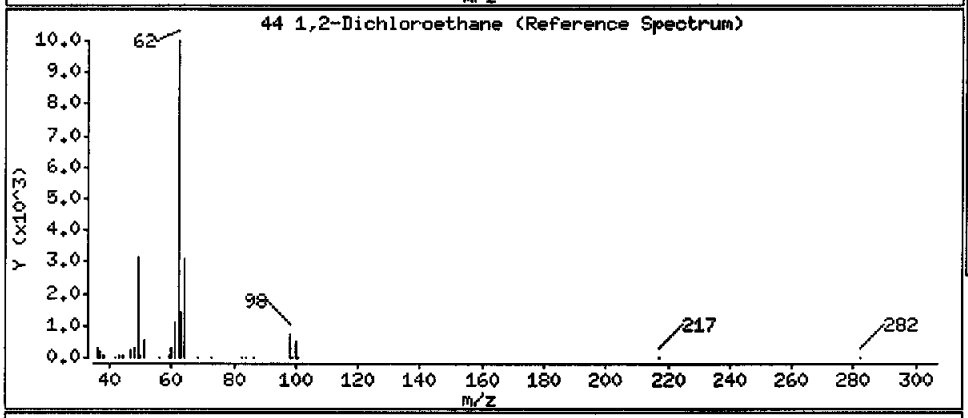
44 1,2-Dichloroethane Concentration: 2.900 ug/L

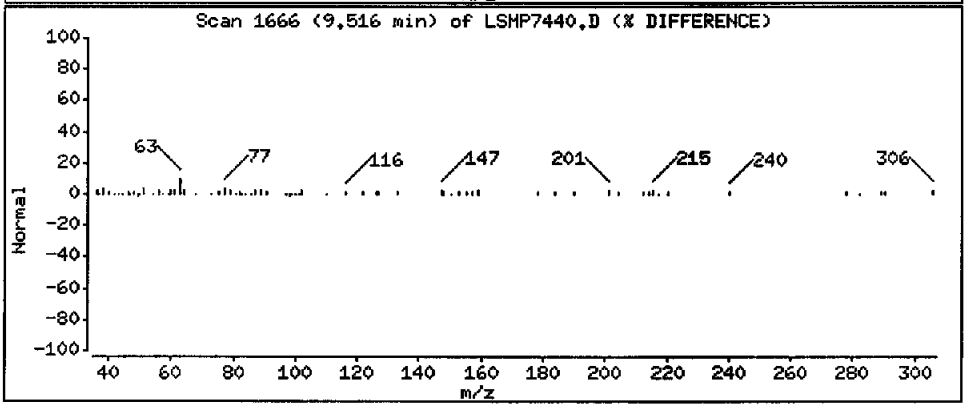












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D

Date : 21-DEC-2007 20:48

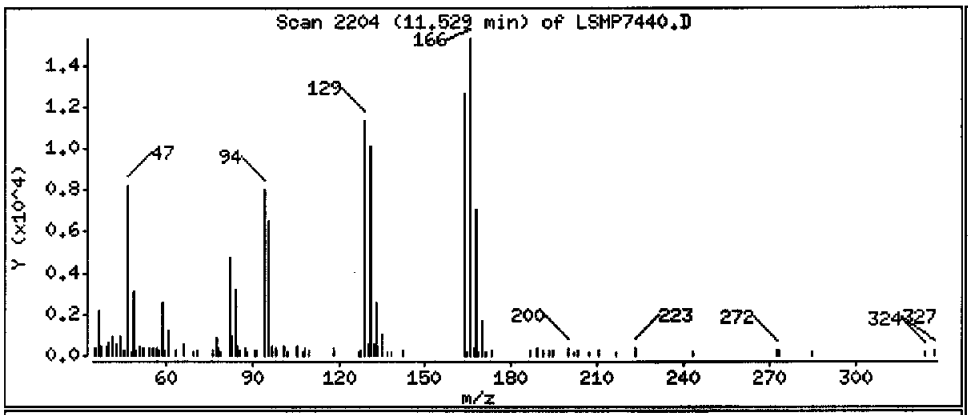
Client ID: AA-MW-16 Instrument: MSL.i

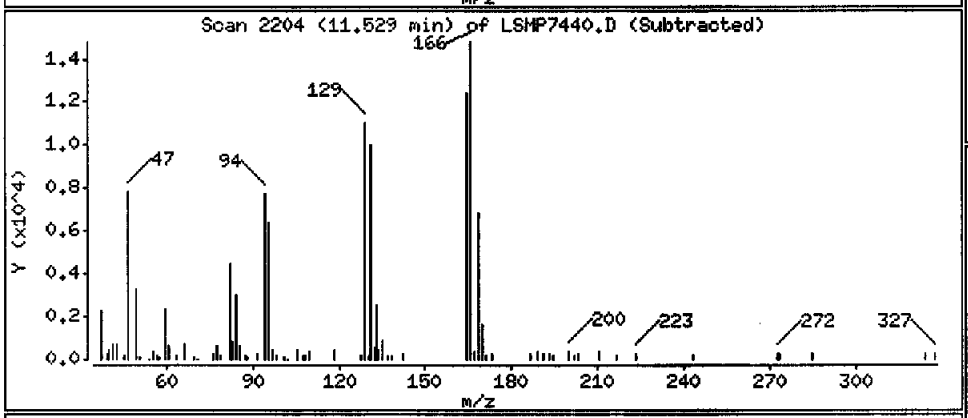
Sample Info: KEE9W1AA

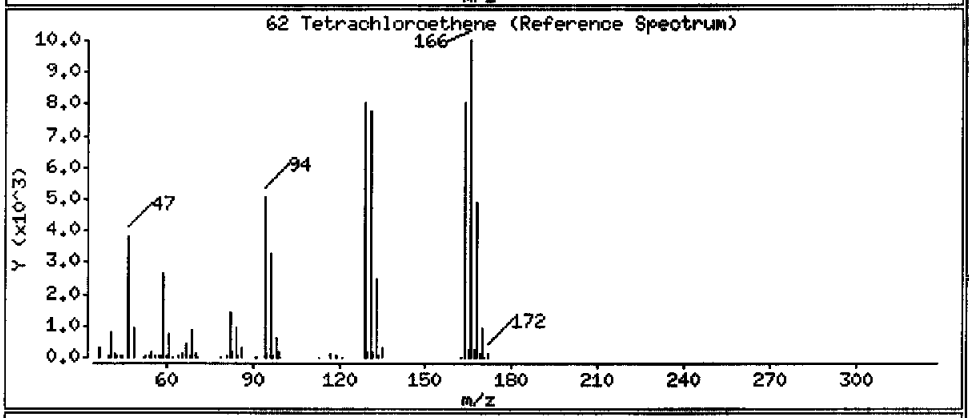
Purge Volume: 25.0 Operator: XIA

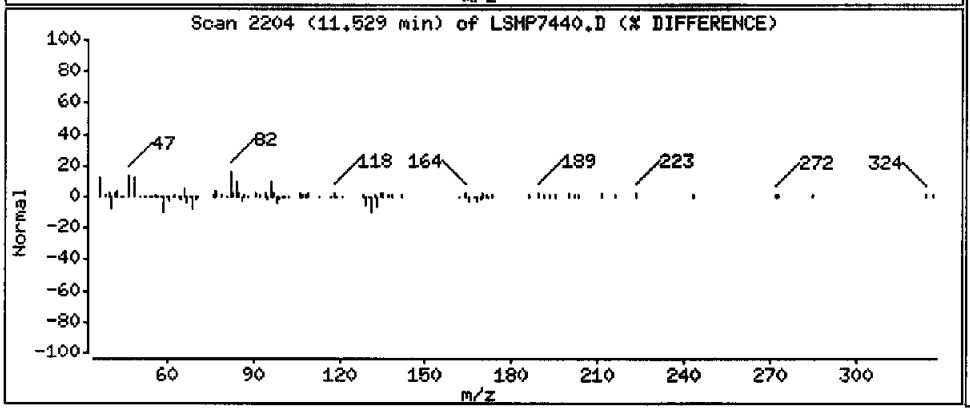
Column phase: RTX-502.2 Column diameter: 0.25

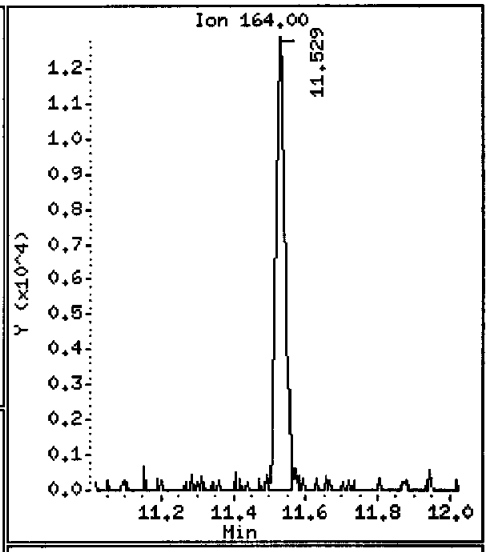
62 Tetrachloroethene Concentration: 0.7208 ug/L

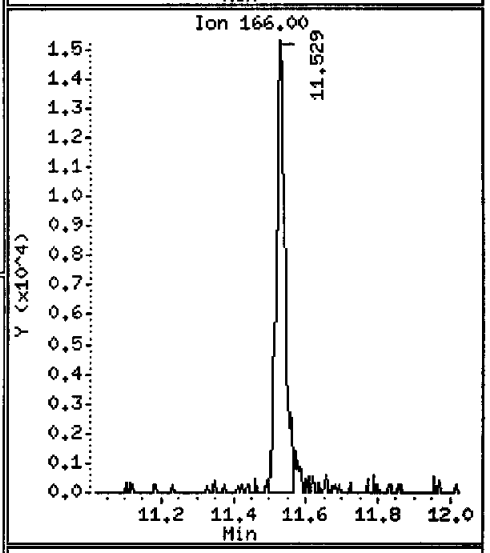


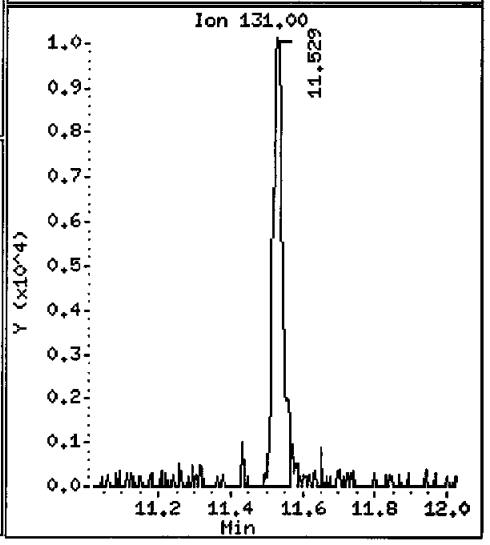












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D

Date : 21-DEC-2007 20:48

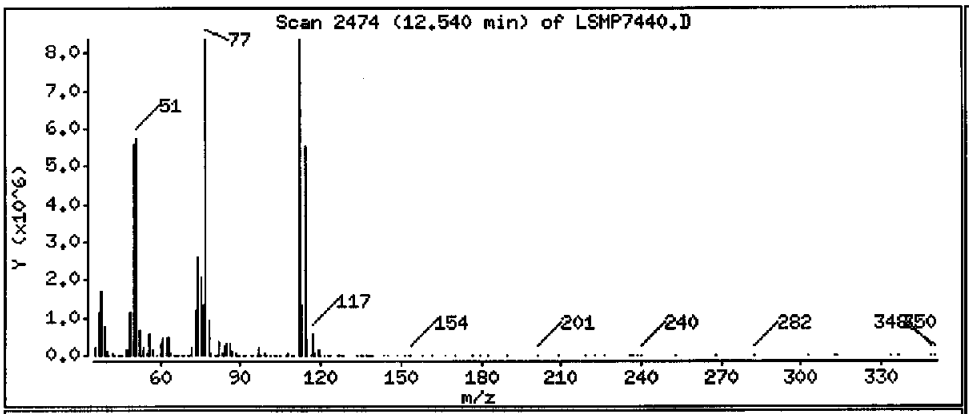
Client ID: AA-MW-16 Instrument: MSL.i

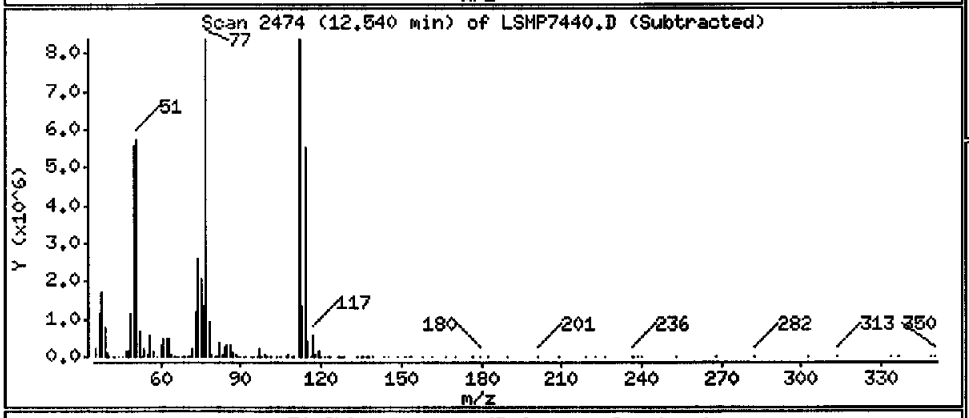
Sample Info: KEE9W1AA

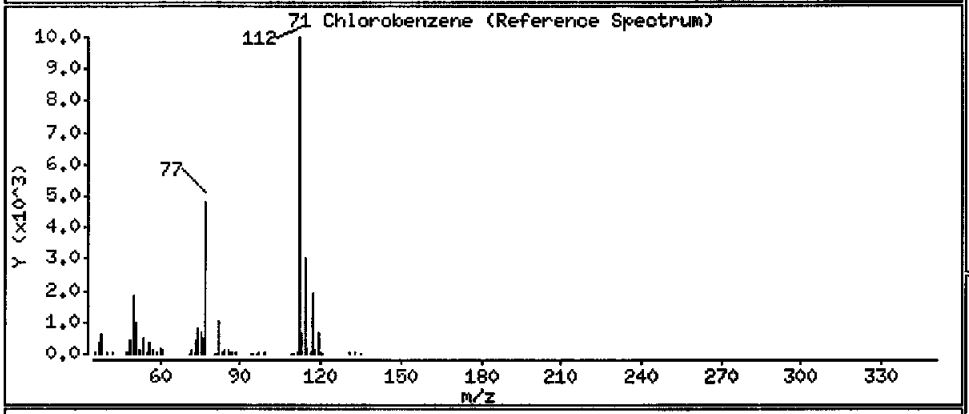
Purge Volume: 25.0 Operator: XIA

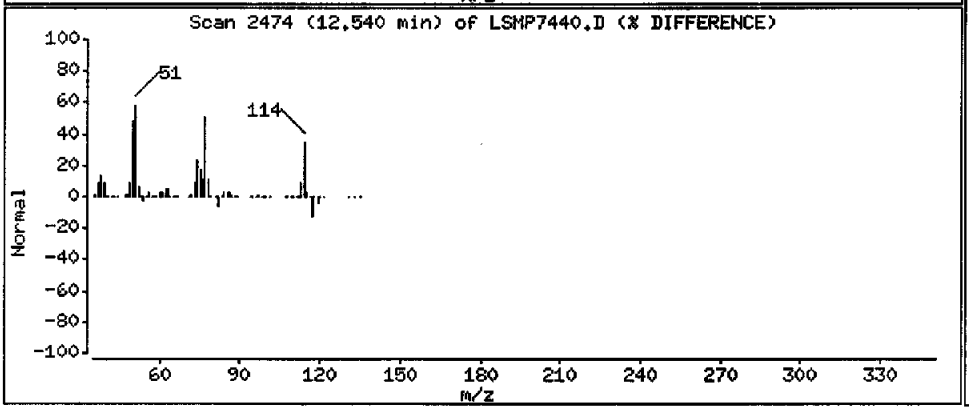
Column phase: RTX-502.2 Column diameter: 0.25

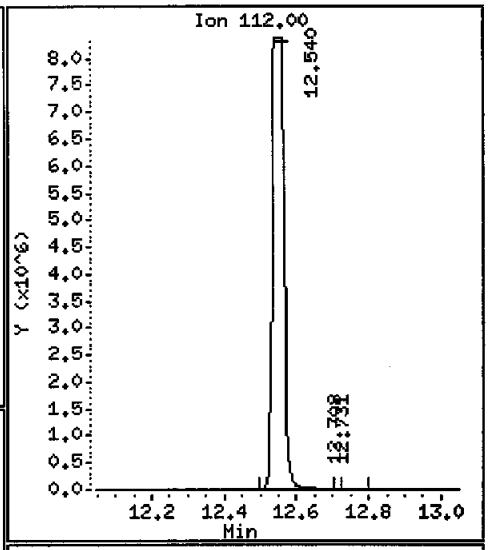
71 Chlorobenzene Concentration: 182.6 ug/L

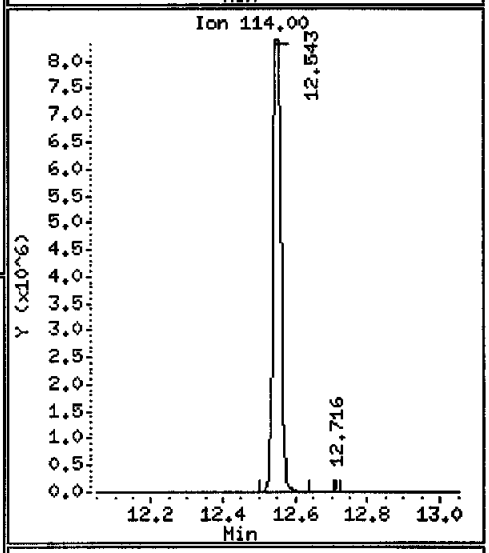


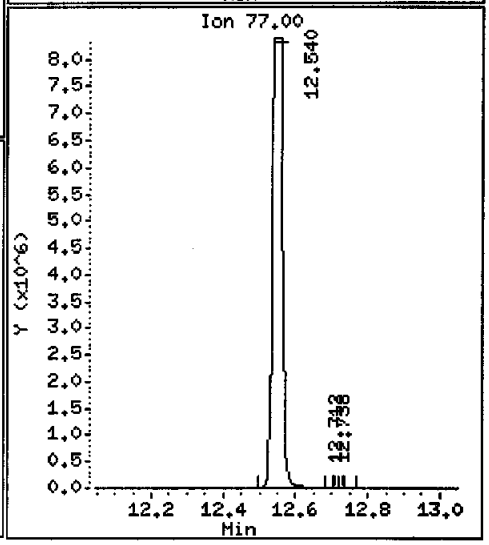












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D

Date : 21-DEC-2007 20:48

Client ID: AA-MW-16

Instrument: MSL.i

Sample Info: KEE9W1AA

Purge Volume: 25.0

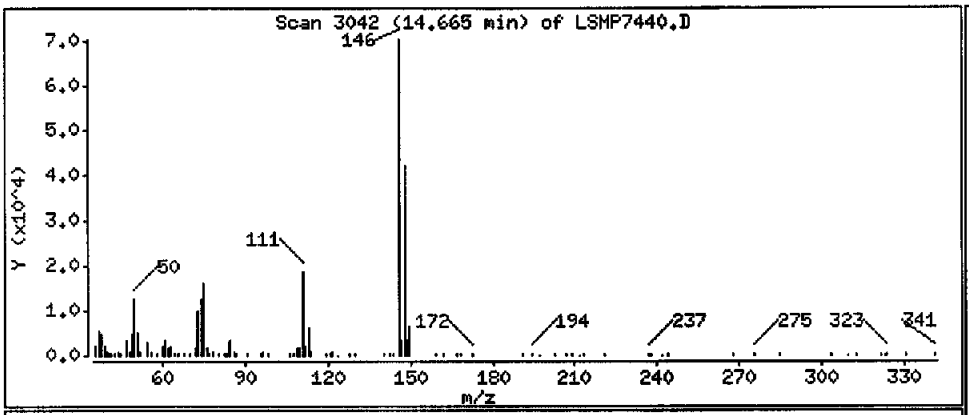
Operator: XIA

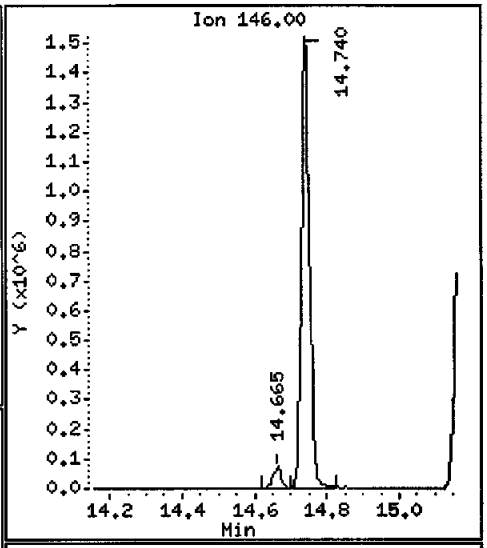
Column phase: RTX-502.2

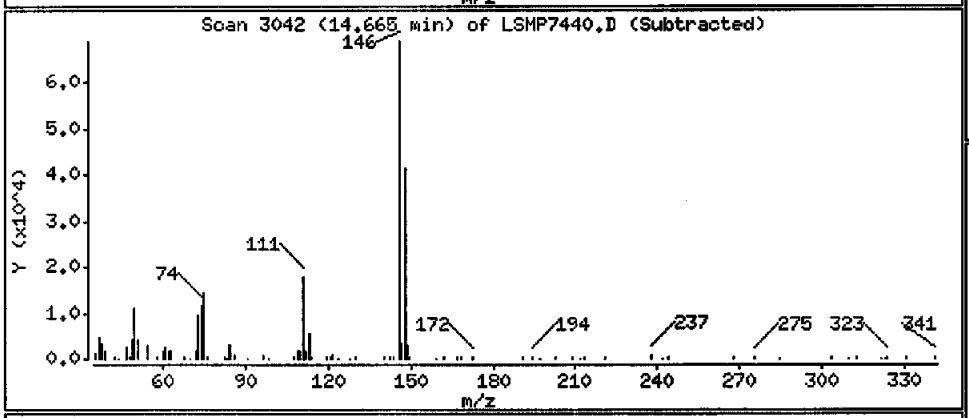
Column diameter: 0.25

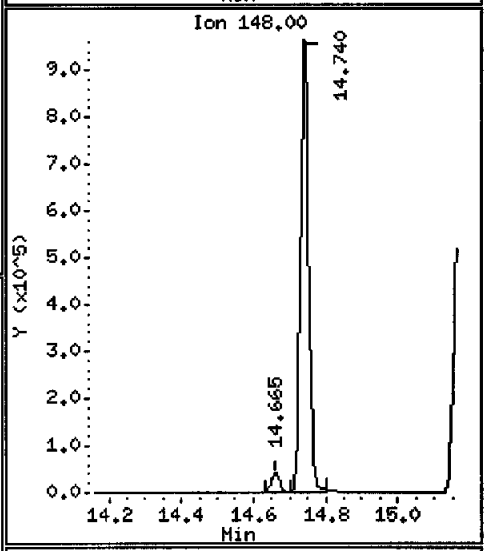
93 1,3-Dichlorobenzene

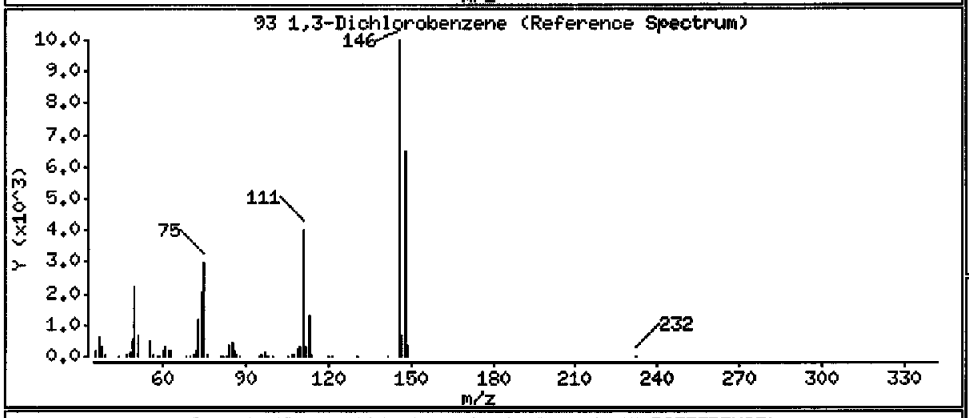
Concentration: 2.450 ug/L

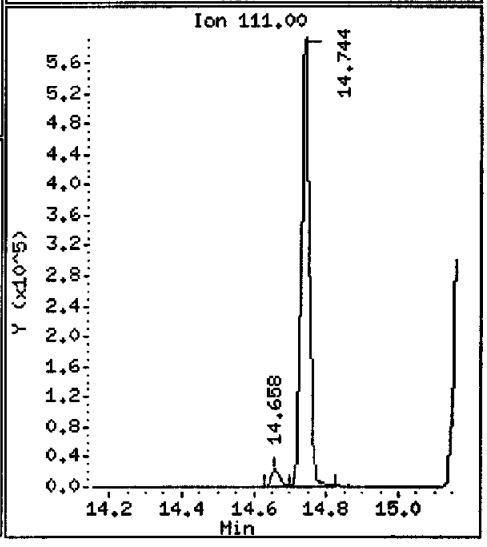


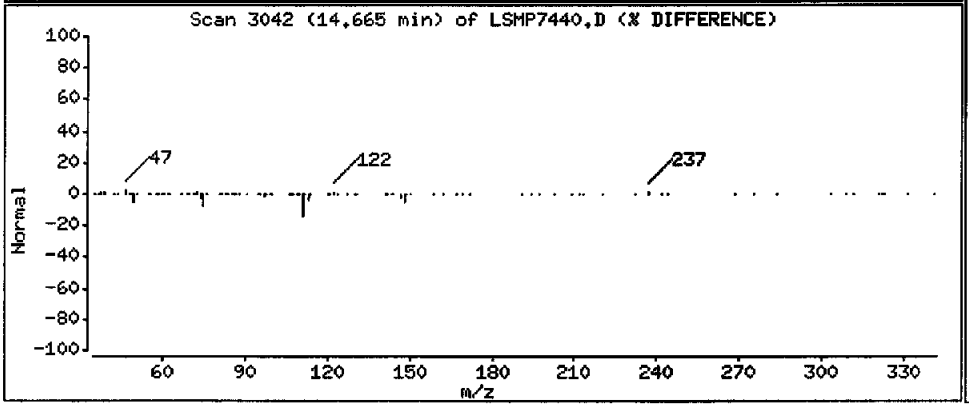












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D

Date : 21-DEC-2007 20:48

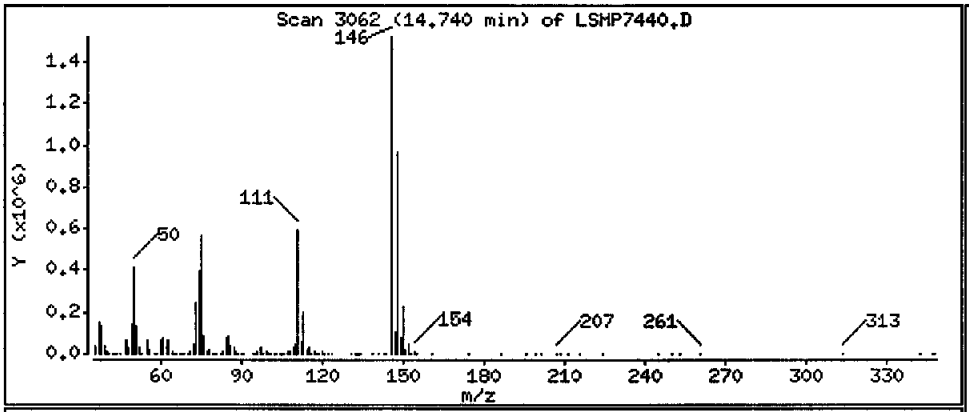
Client ID: AA-MW-16 Instrument: MSL.i

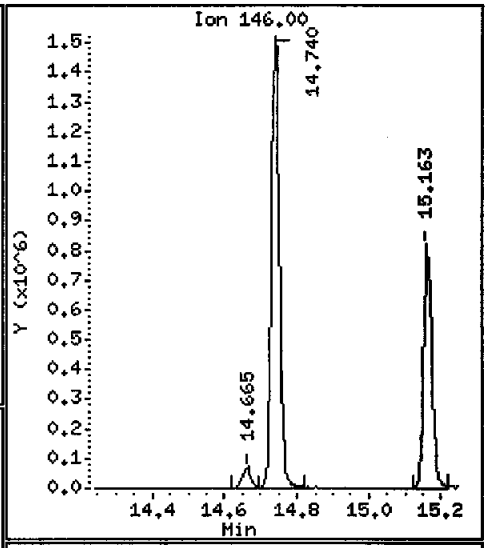
Sample Info: KEE9W1AA

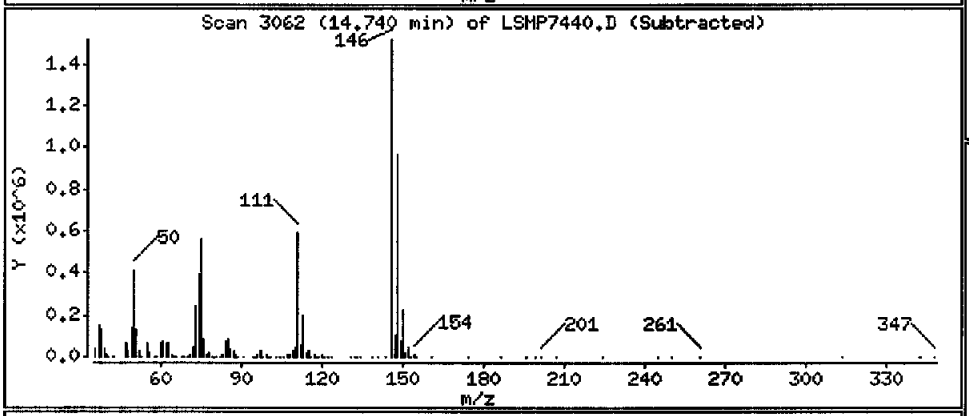
Purge Volume: 25.0 Operator: XIA

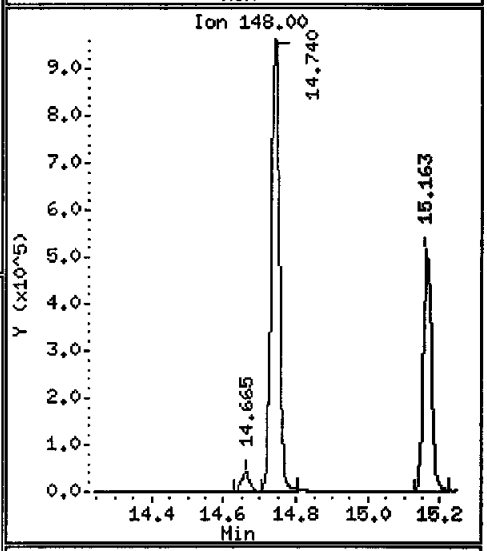
Column phase: RTX-502.2 Column diameter: 0.25

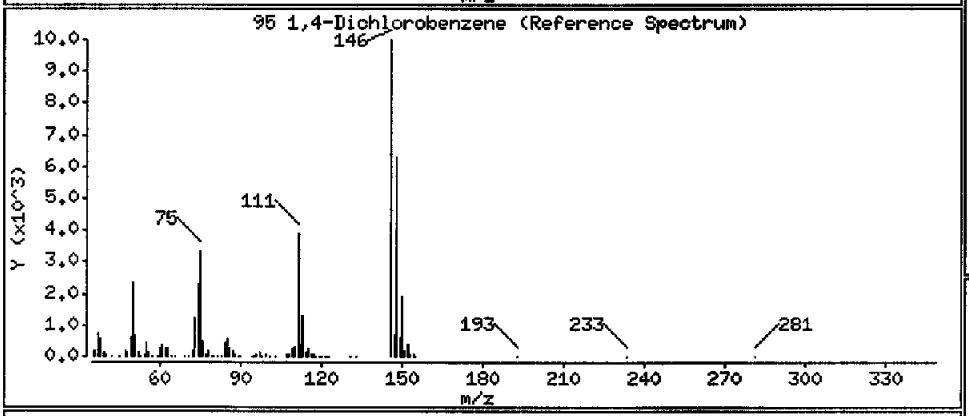
95 1,4-Dichlorobenzene Concentration: 50.53 ug/L

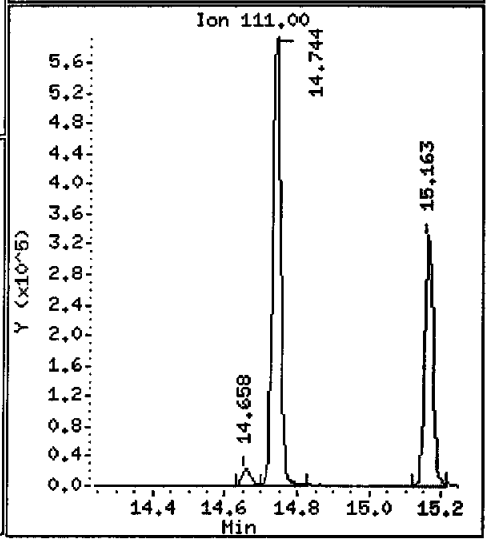


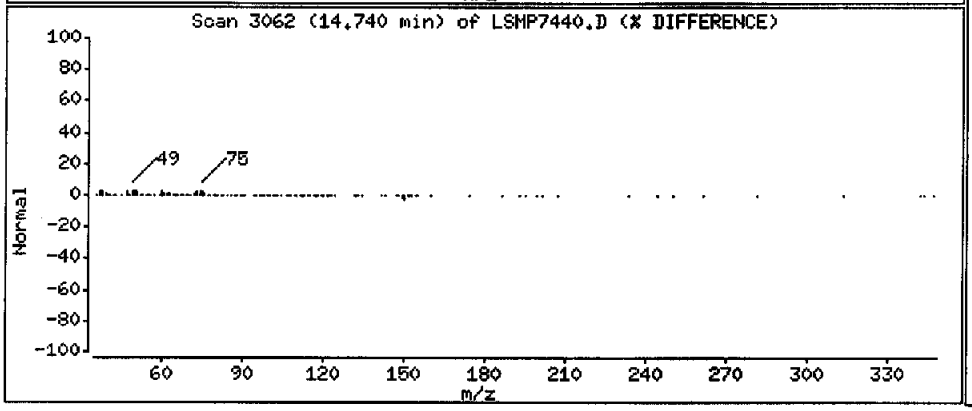












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7440.D

Date : 21-DEC-2007 20:48

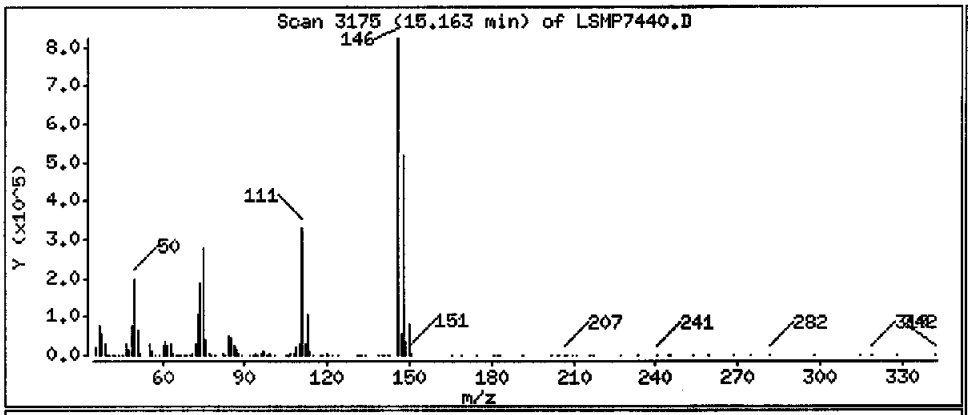
Client ID: AA-MW-16 Instrument: MSL.i

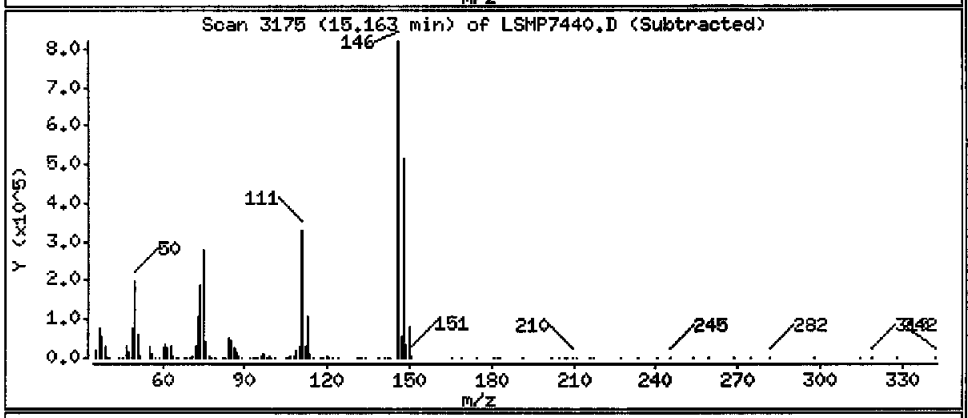
Sample Info: KEE9W1AA

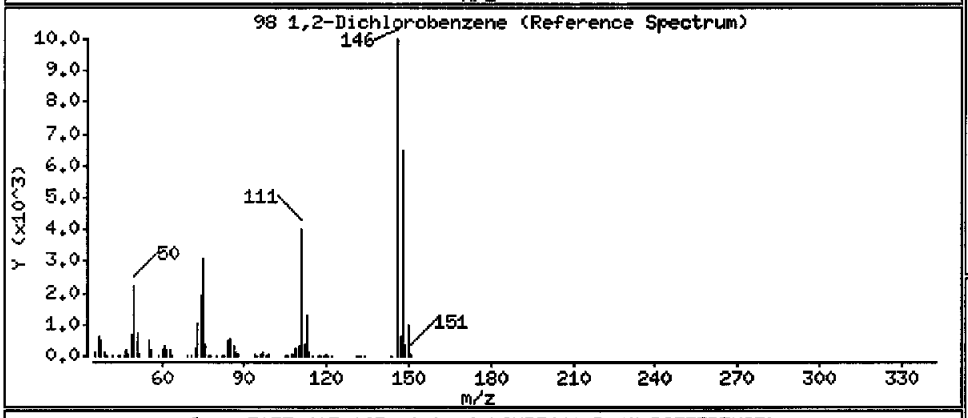
Purge Volume: 25.0 Operator: XIA

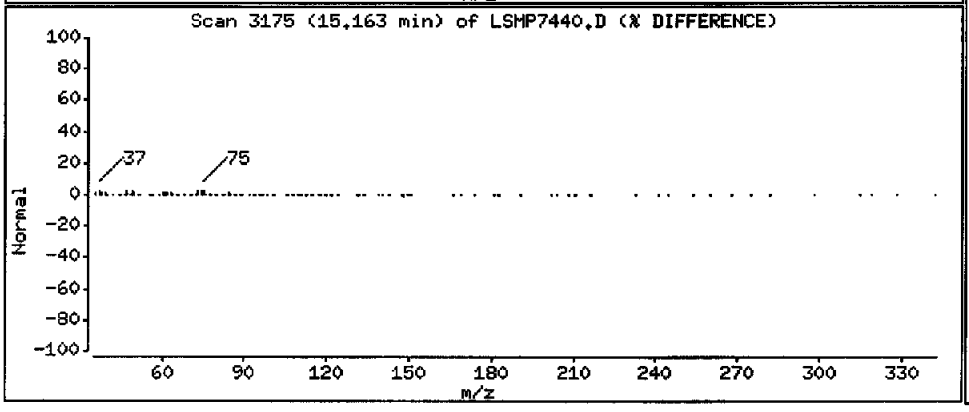
Column phase: RTX-502.2 Column diameter: 0.25

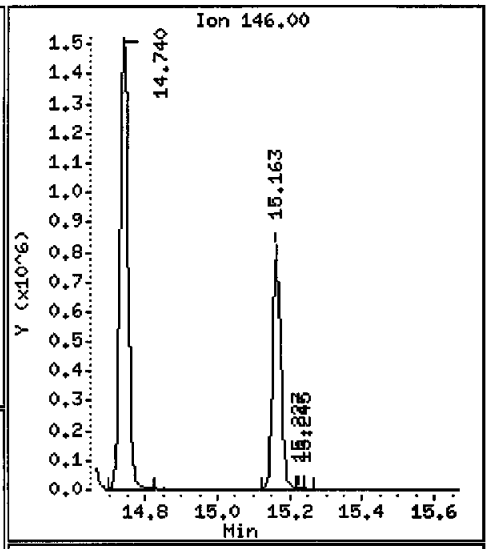
98 1,2-Dichlorobenzene Concentration: 37.34 ug/L

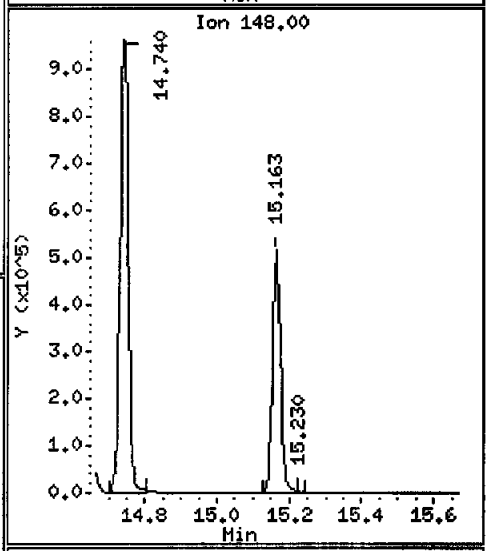


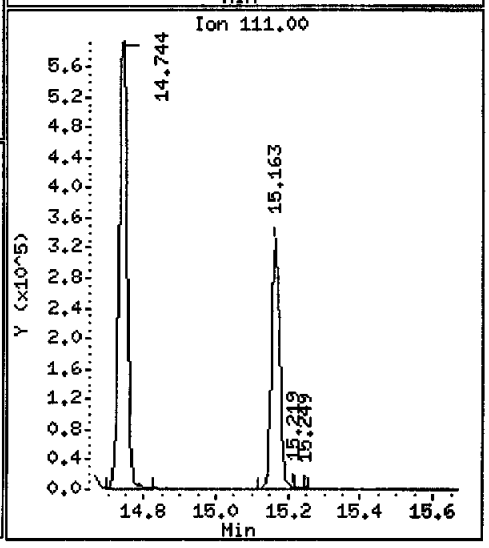












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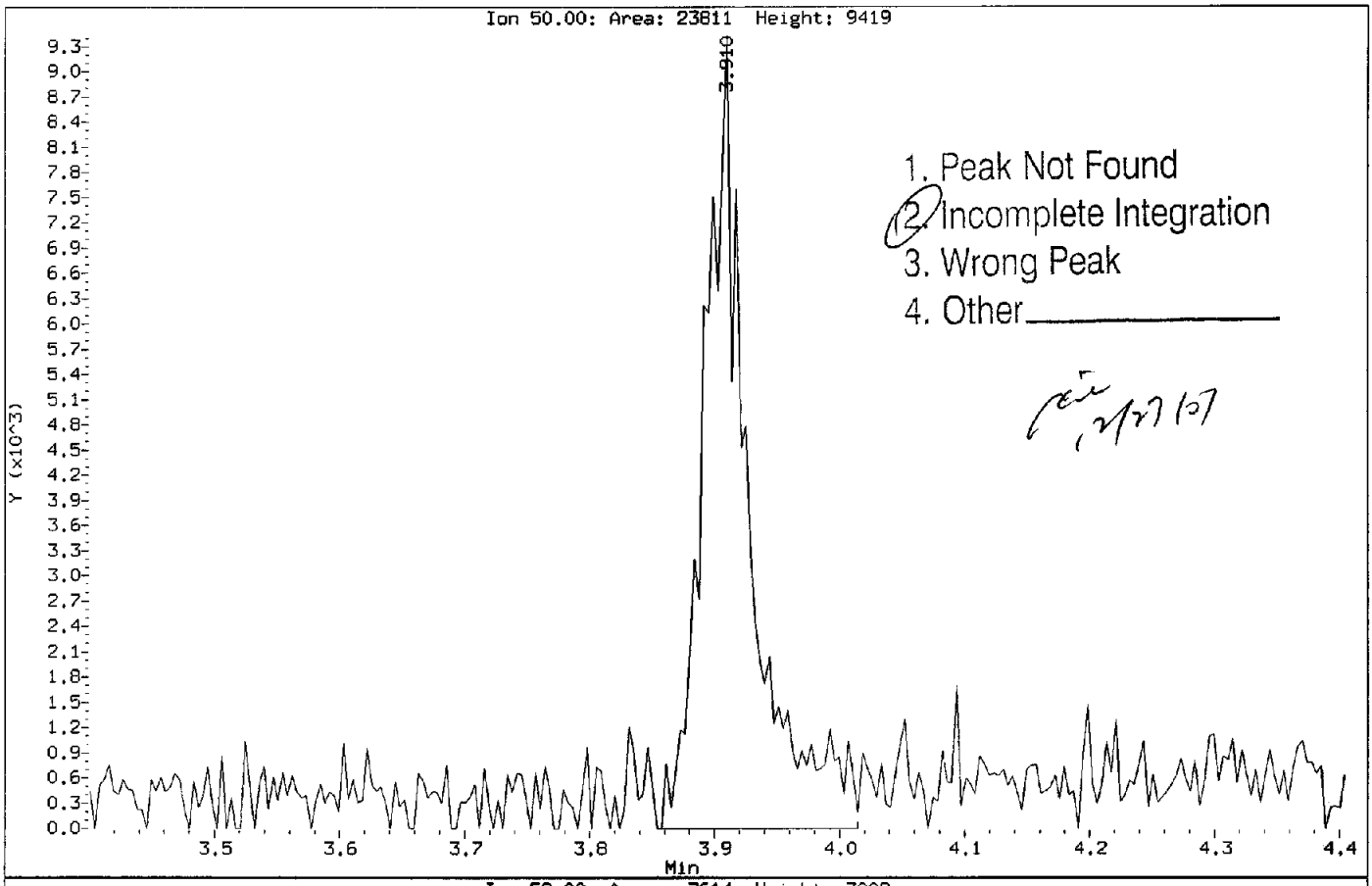
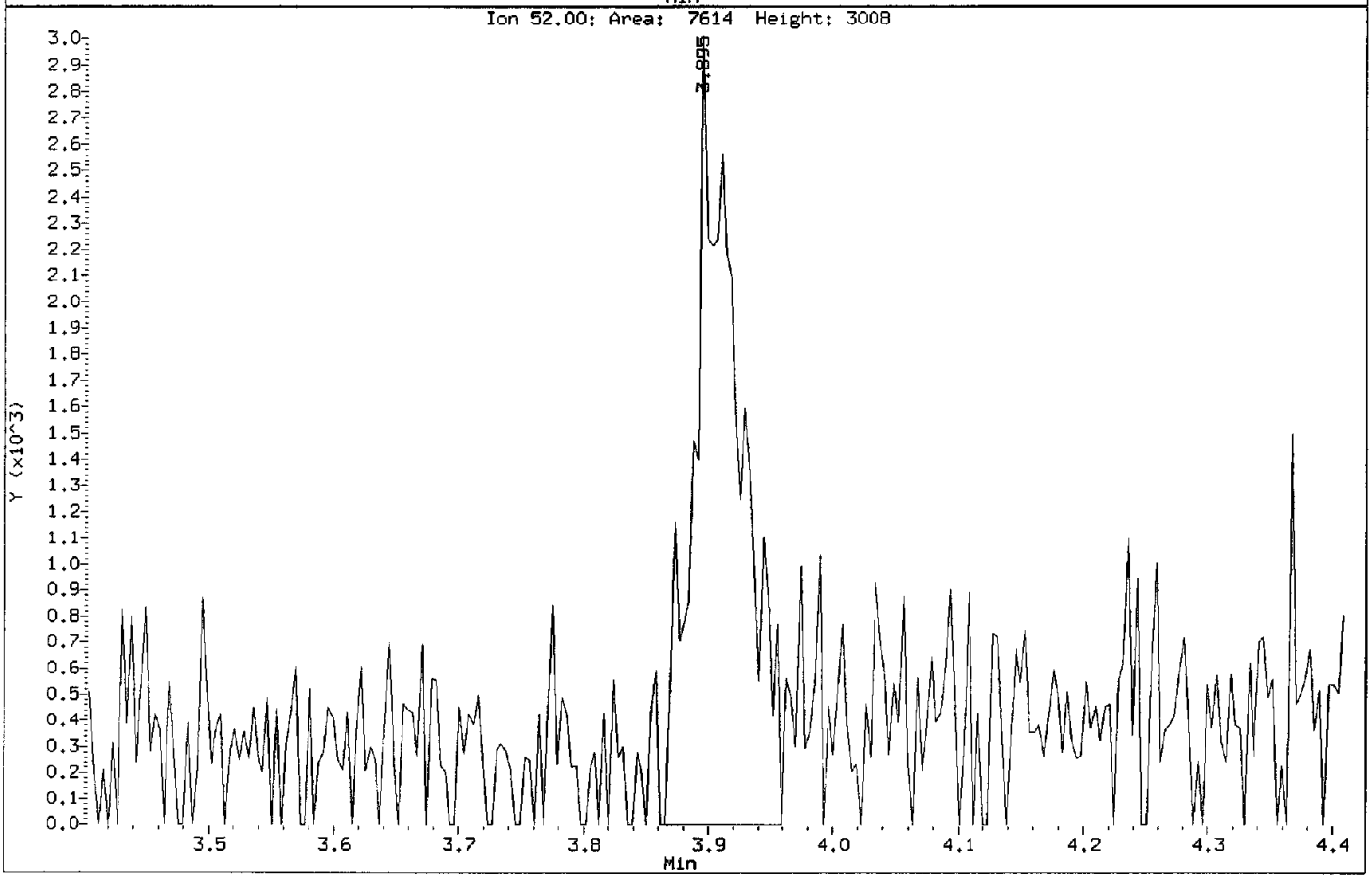
Injection Date: 21-DEC-2007 20:48
Instrument: MSL.i
Client Sample ID: AA-MW-16

Compound: Chloromethane
CAS Number: 74-87-3





Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D
Report Date: 28-Dec-2007 14:07

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D
Lab Smp Id: KEE9W3AA Client Smp ID: AA-MW-16
Inj Date : 27-DEC-2007 16:55
Operator : XIA Inst ID: MSL.i
Smp Info : KEE9W3AA
Misc Info : VBLKL361A;F7L190135-003;7362155;20X
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	1.250	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	8 Diethyl ether	59	5.799	5.792	(0.600)	13832	1.94727	38.94(M)
	15 Methylene Chloride	84	6.963	6.967	(0.720)	19040	1.01375	20.28
	24 1,1-Dichloroethane	63	7.880	7.872	(0.815)	11579	0.27145	5.429(M)
	31 Chloroform	83	8.718	8.707	(0.901)	13545	0.38775	7.755(M)
$	36 Dibromofluoromethane	113	8.913	8.905	(0.921)	146237	11.6879	233.8
	40 Benzene	78	9.313	9.313	(0.963)	452398	4.63335	92.67
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	122906	12.4915	249.8(R)
*	45 Fluorobenzene	96	9.672	9.672	(1.000)	843943	10.0000	
$	57 Toluene-d8	98	11.083	11.083	(0.885)	822914	9.56980	191.4
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	575124	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	843506	13.6748	273.5
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	198980	9.74363	194.9
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.721	(1.000)	207819	10.0000	
	95 1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	79338	2.10246	42.05
	98 1,2-Dichlorobenzene	146	15.177	15.162	(1.031)	44928	1.58696	31.74

12/28/07

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D
Report Date: 28-Dec-2007 14:07

STL St. Louis

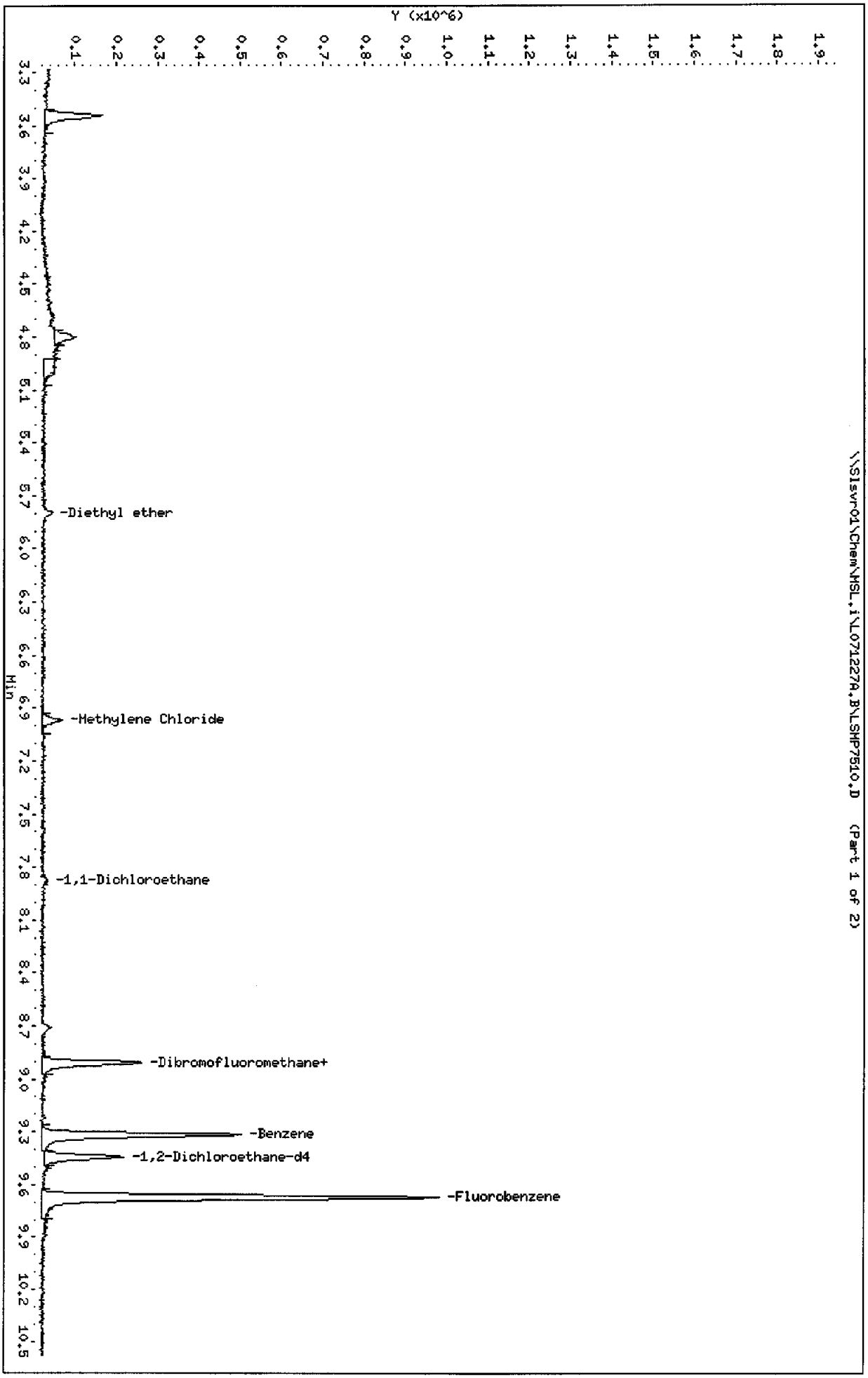
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LSMP7510.D
Lab Smp Id: KEE9W3AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 27-DEC-2007
Calibration Time: 11:33
Client Smp ID: AA-MW-16
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;F7L190135-003;7362155;20X

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1414972	707486	2829944	843943	-40.36
70 Chlorobenzene-d5	860970	430485	1721940	575124	-33.20
94 1,4 Dichlorobenze	346015	173008	692030	207819	-39.94

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.73	0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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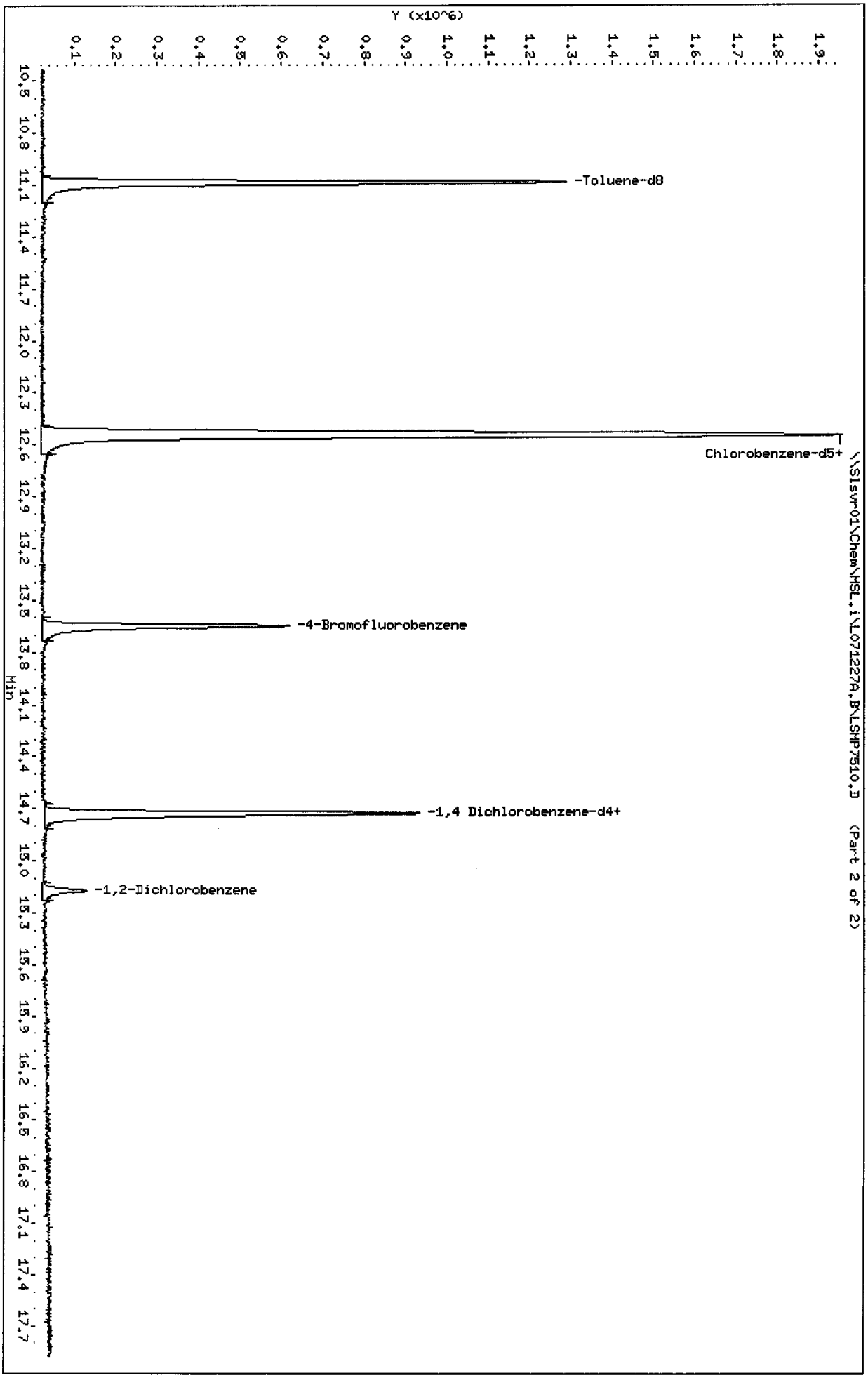
Date : 27-DEC-2007 16:55
Client ID: AA-MW-16
Sample Info: KEE9W3AA
Purge Volume: 1.3
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071227A.B\LSHP7510.D (Part 1 of 2)
Y (x10^6)
Min
-Diethyl ether
-Methylene Chloride
-1,1-Dichloroethane
-Dibromofluoromethane+
-Benzene
-1,2-Dichloroethane-d4
-Fluorobenzene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Date : 27-DEC-2007 16:55
Client ID: AA-MW-16
Sample Info: KEE9W3AA
Purge Volume: 1.3
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
-Toluene-d8
Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4+
-1,2-Dichlorobenzene
\\Slsvr01\Chem\MSL.i\L071227A.B\LSHP7510.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D

Date : 27-DEC-2007 16:55

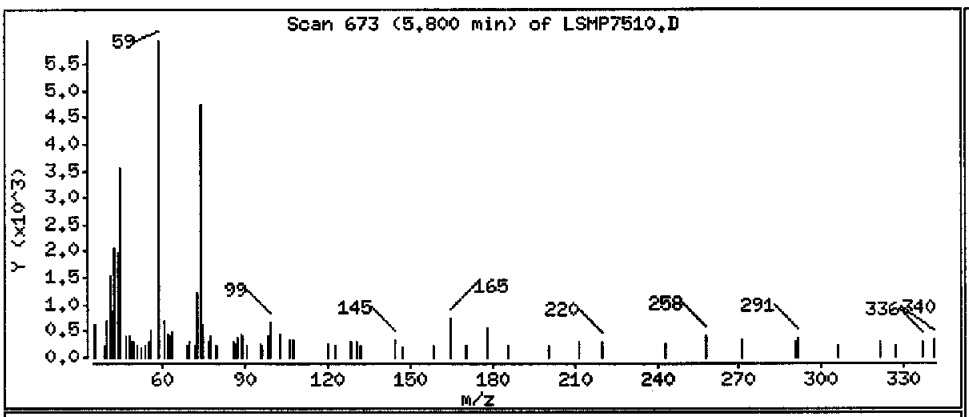
Client ID: AA-MW-16 Instrument: MSL.i

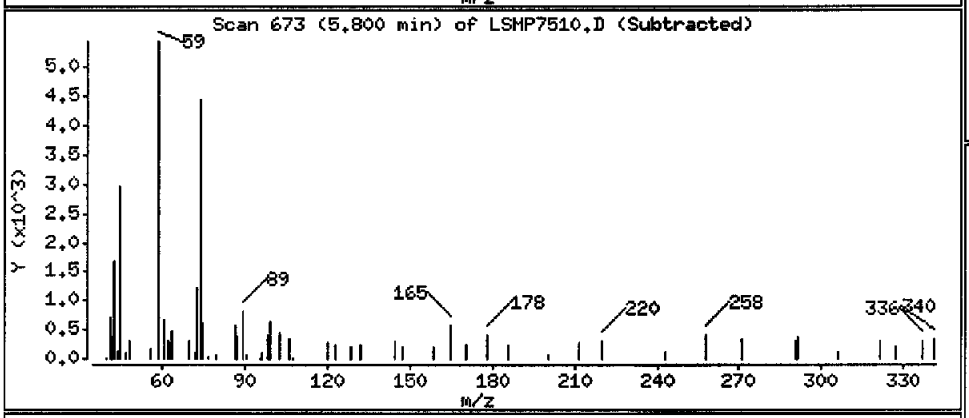
Sample Info: KEE9W3AA

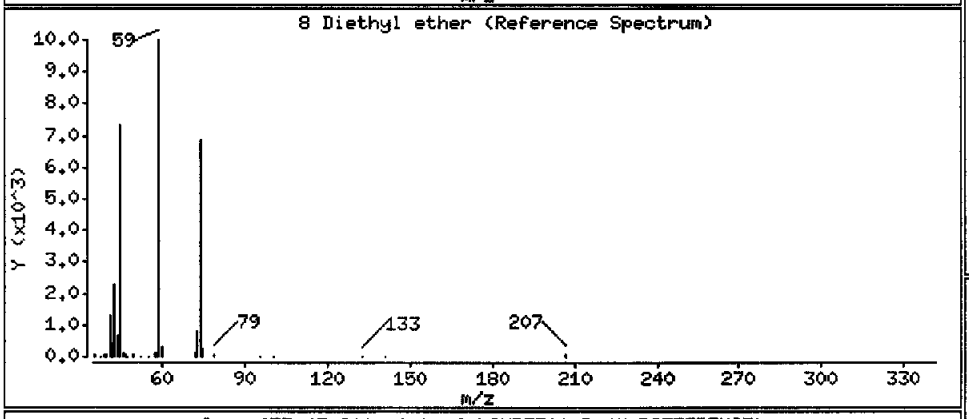
Purge Volume: 1.3 Operator: XIA

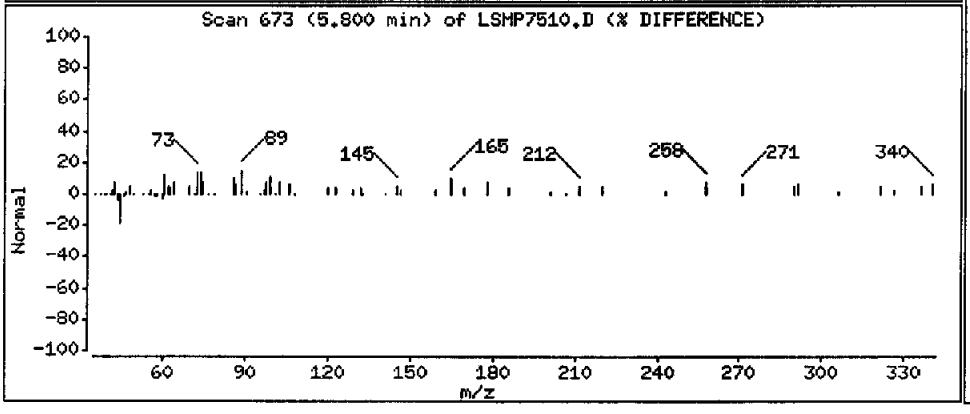
Column phase: RTX-502.2 Column diameter: 0.25

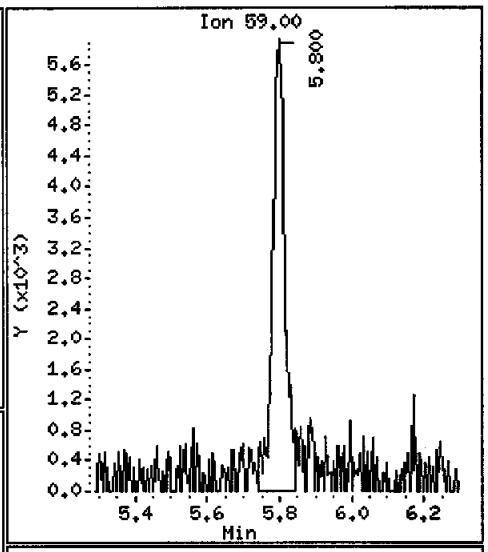
8 Diethyl ether Concentration: 38.94 ug/L

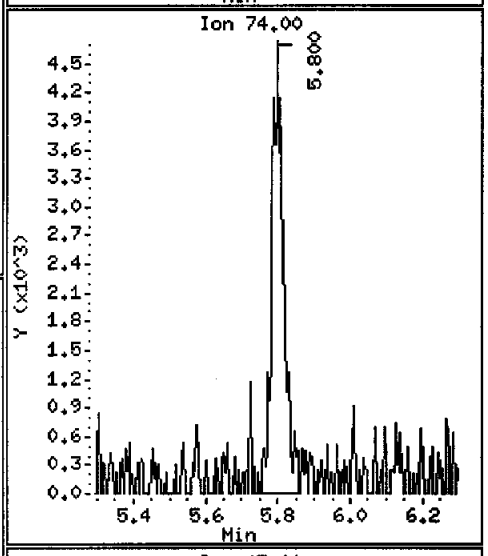


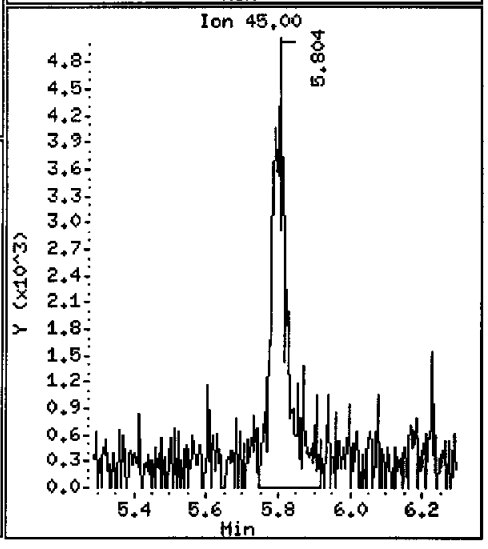












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D

Date : 27-DEC-2007 16:55

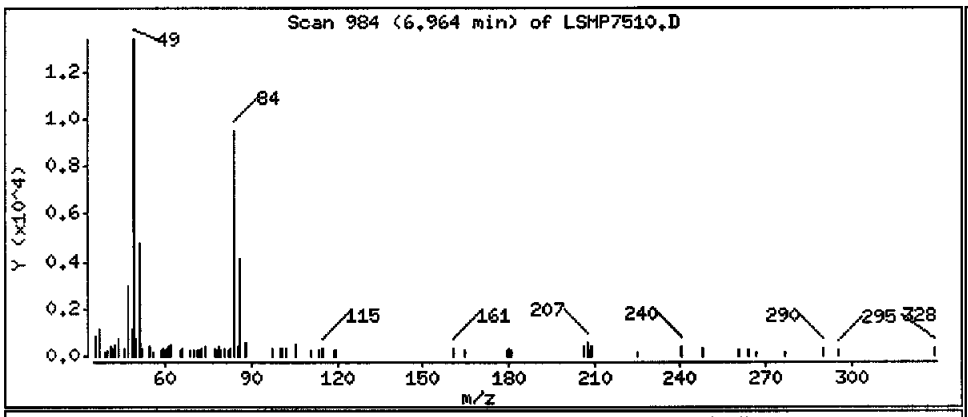
Client ID: AA-MW-16 Instrument: MSL.i

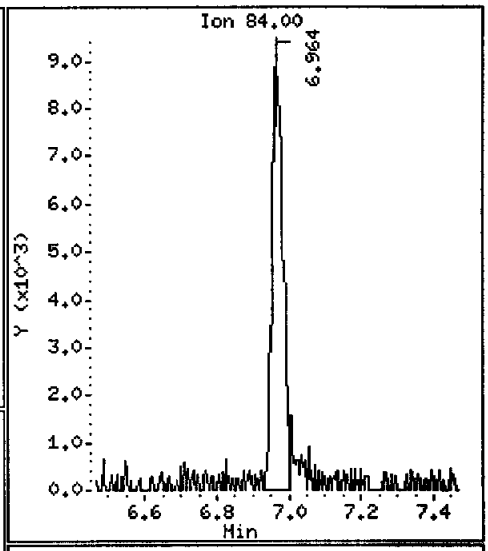
Sample Info: KEE9W3AA

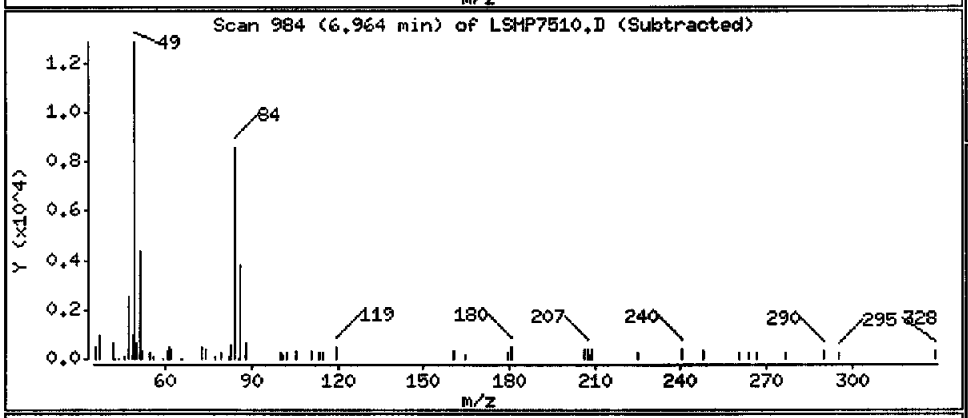
Purge Volume: 1.3 Operator: XIA

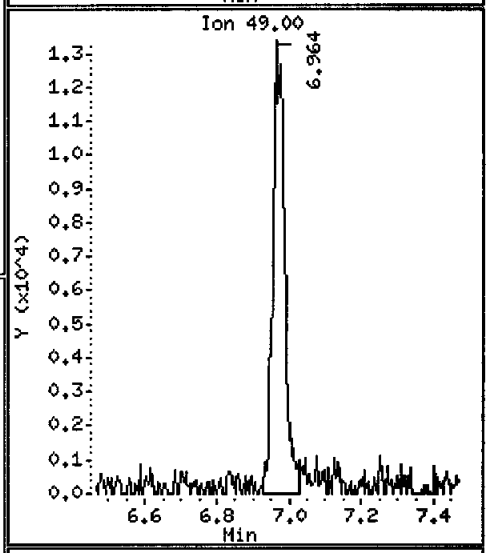
Column phase: RTX-502.2 Column diameter: 0.25

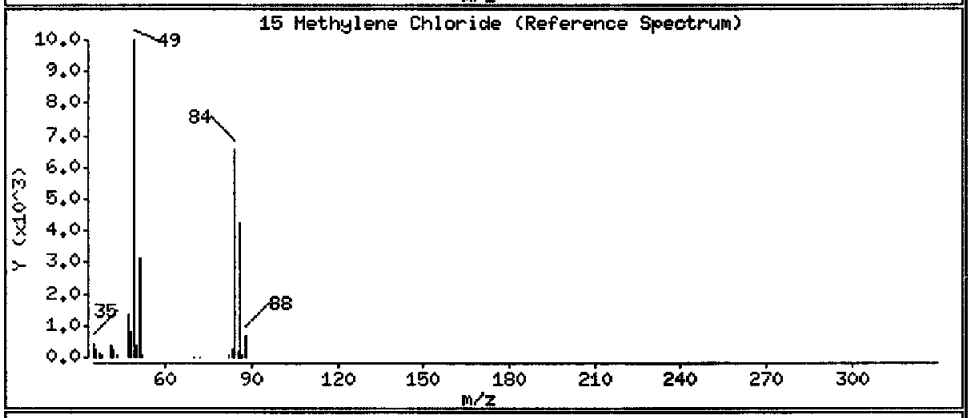
15 Methylene Chloride Concentration: 20.28 ug/L

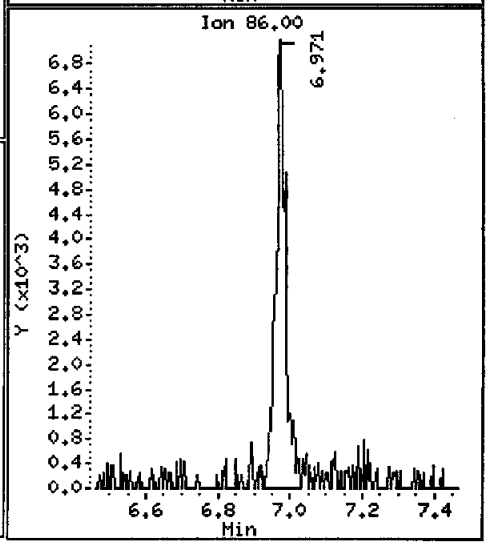


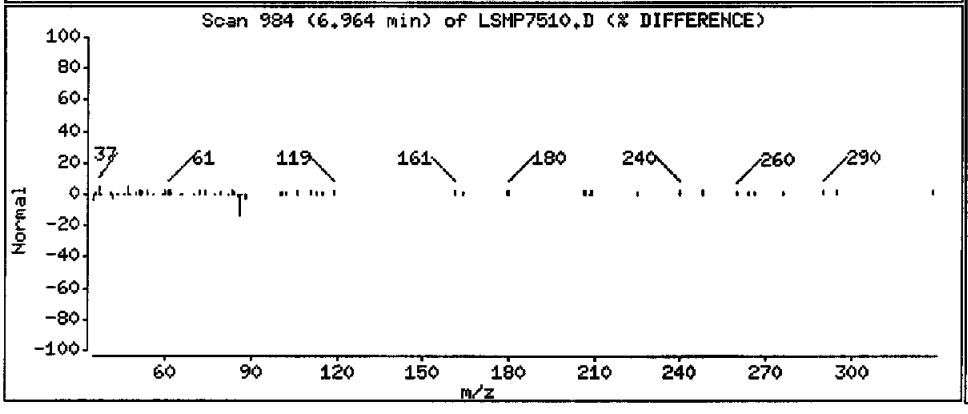












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D

Date : 27-DEC-2007 16:55

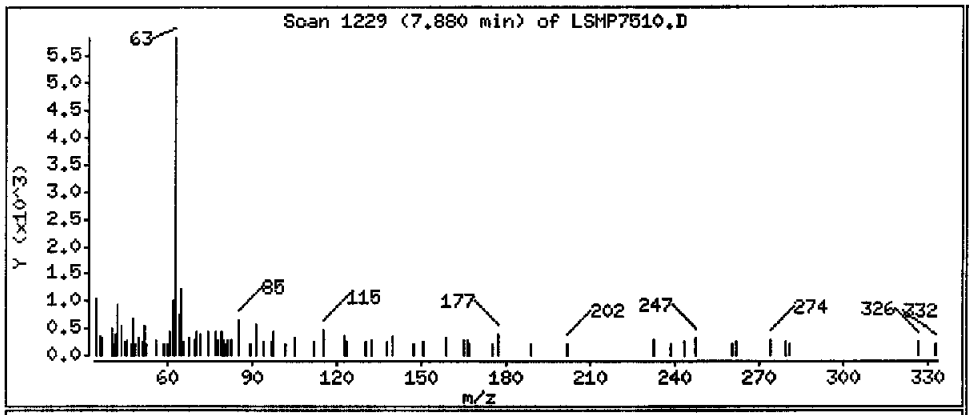
Client ID: AA-MW-16 Instrument: MSL.i

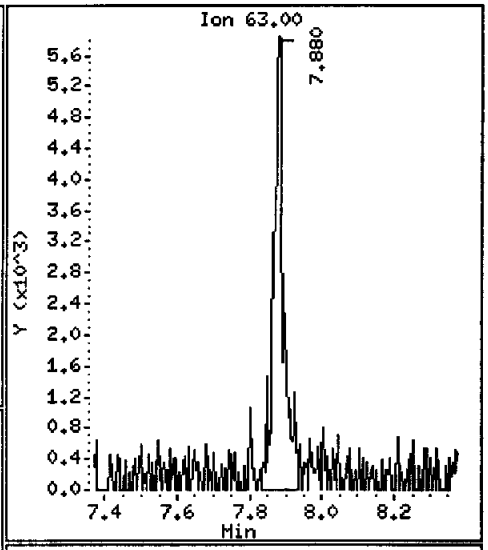
Sample Info: KEE9W3AA

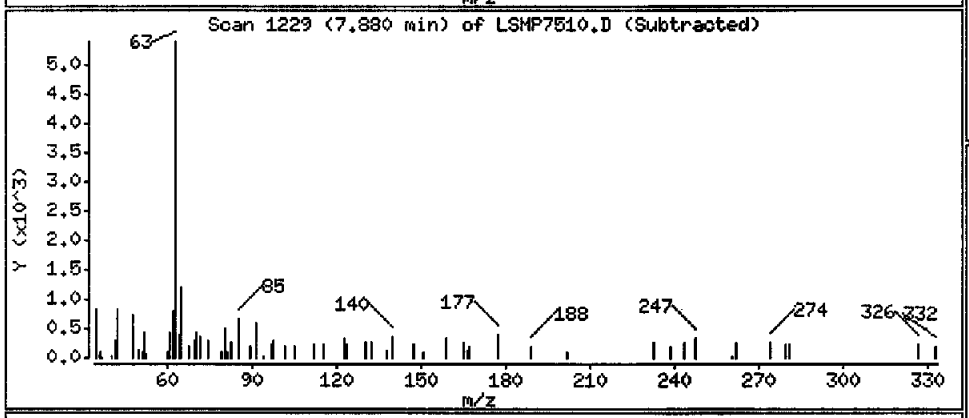
Purge Volume: 1.3 Operator: XIA

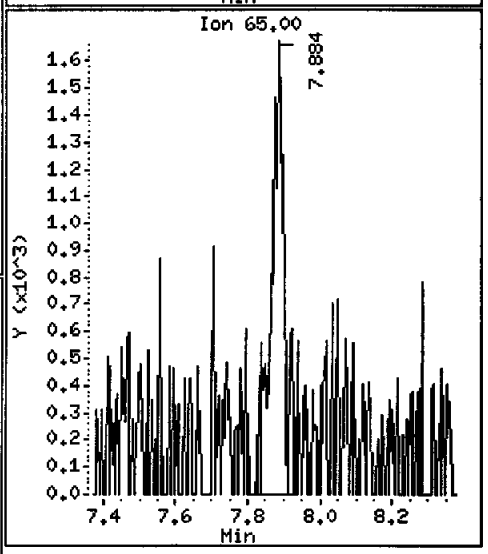
Column phase: RTX-502.2 Column diameter: 0.25

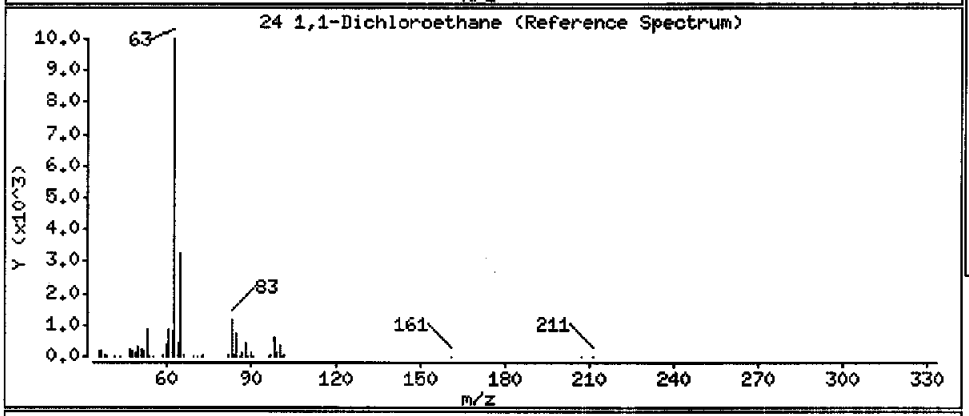
24 1,1-Dichloroethane Concentration: 5.429 ug/L

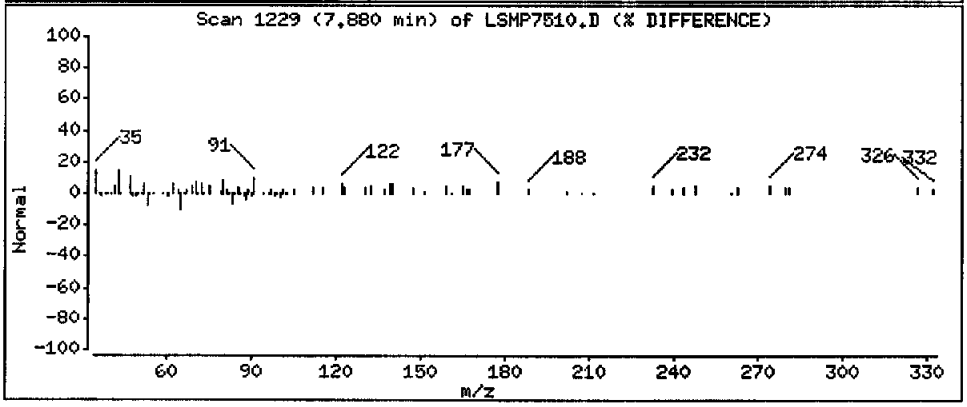












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D

Date : 27-DEC-2007 16:55

Client ID: AA-MW-16

Instrument: MSL.i

Sample Info: KEE9W3AA

Purge Volume: 1.3

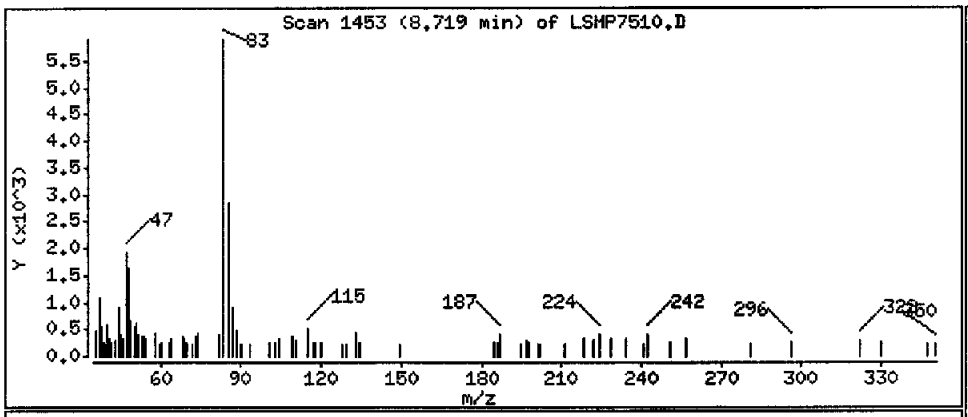
Operator: XIA

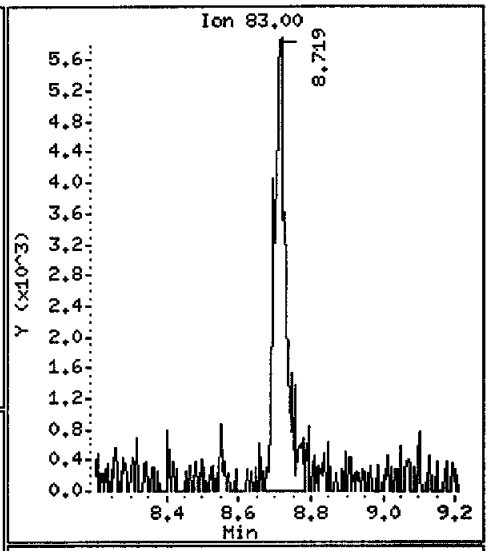
Column phase: RTX-502.2

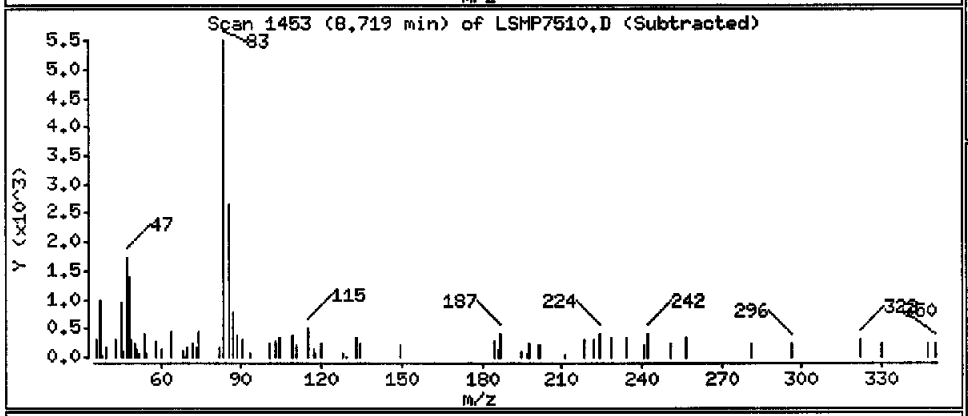
Column diameter: 0.25

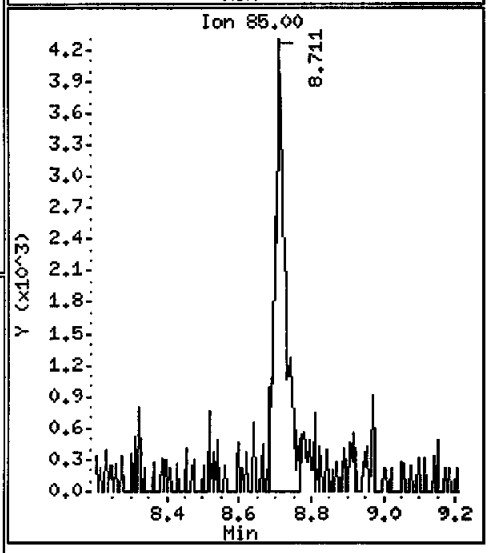
31 Chloroform

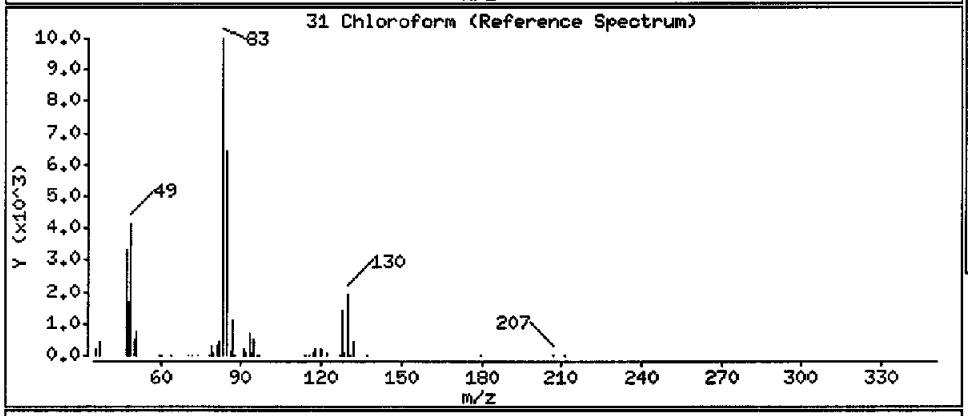
Concentration: 7.755 ug/L

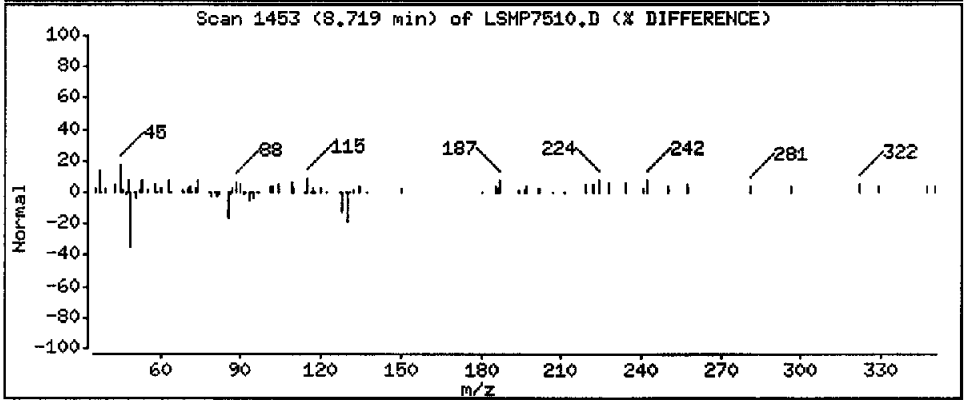












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D

Date : 27-DEC-2007 16:55

Client ID: AA-MW-16

Instrument: MSL.i

Sample Info: KEE9W3AA

Purge Volume: 1.3

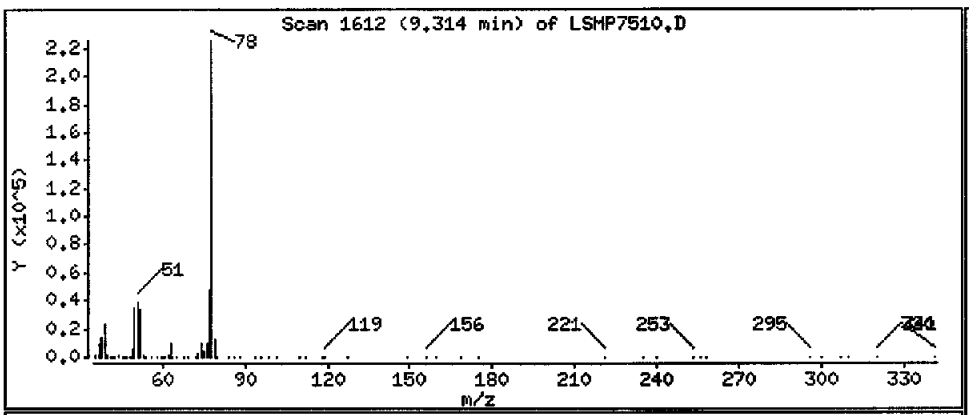
Operator: XIA

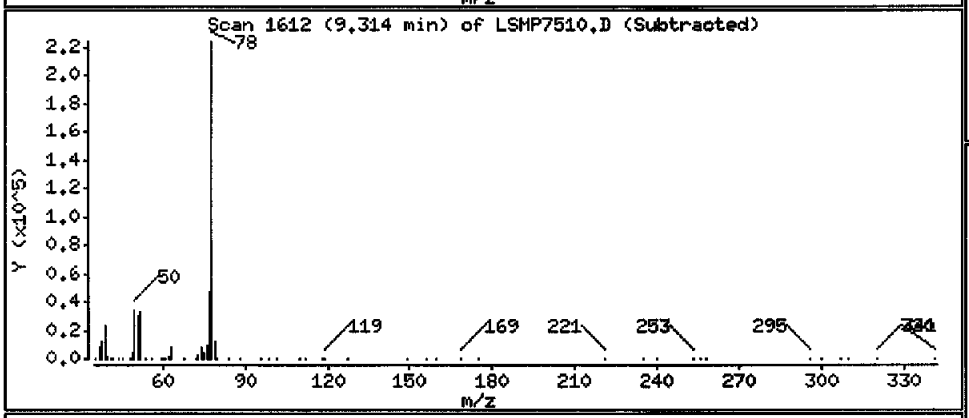
Column phase: RTX-502.2

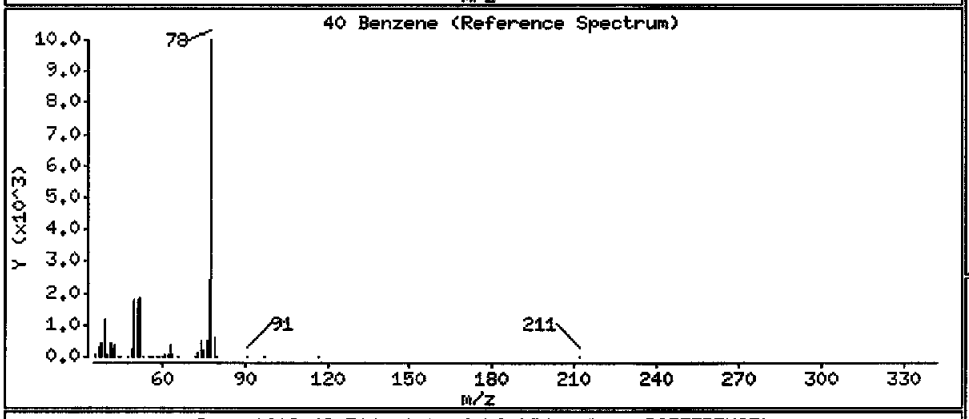
Column diameter: 0.25

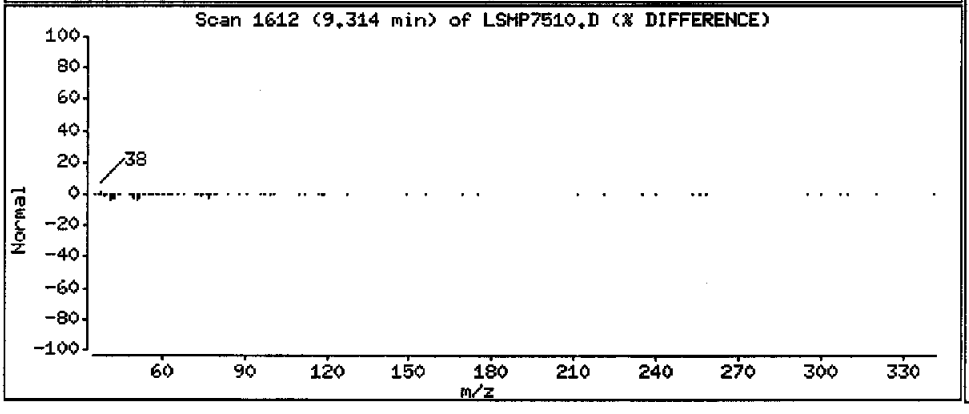
40 Benzene

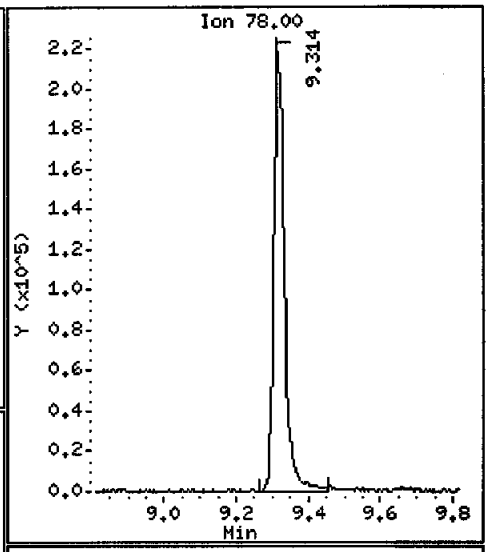
Concentration: 92.67 ug/L

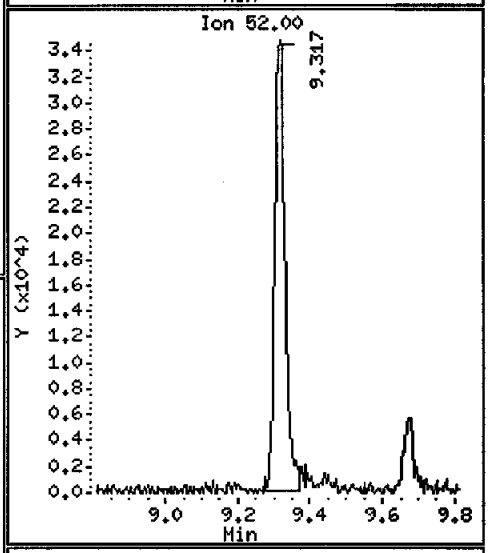


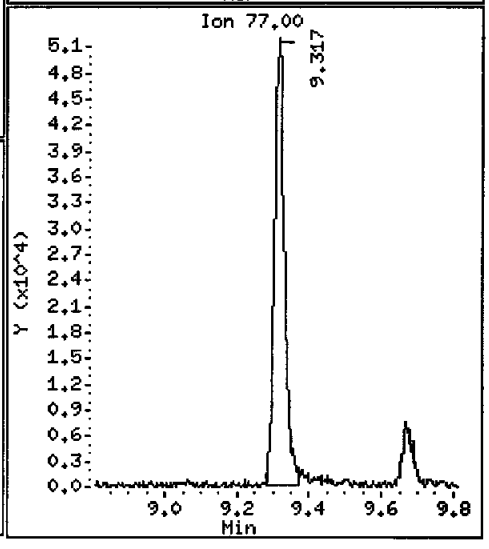












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D

Date : 27-DEC-2007 16:55

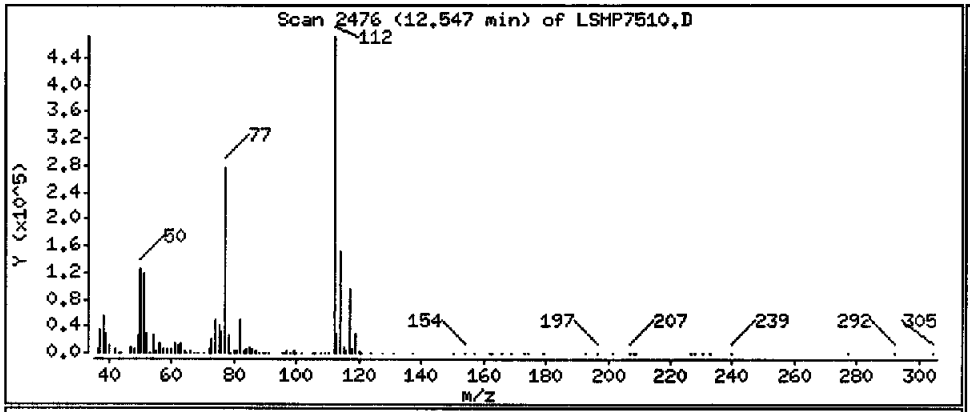
Client ID: AA-MW-16 Instrument: MSL.i

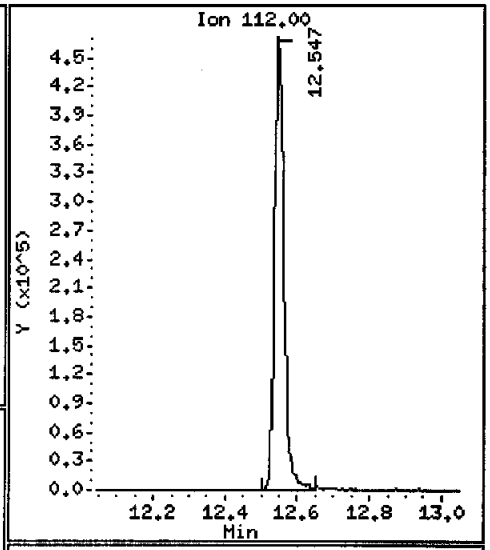
Sample Info: KEE9W3AA

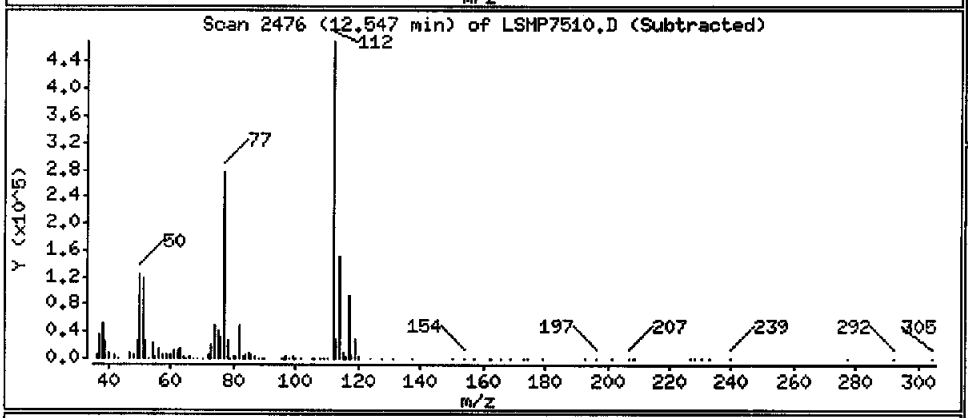
Purge Volume: 1.3 Operator: XIA

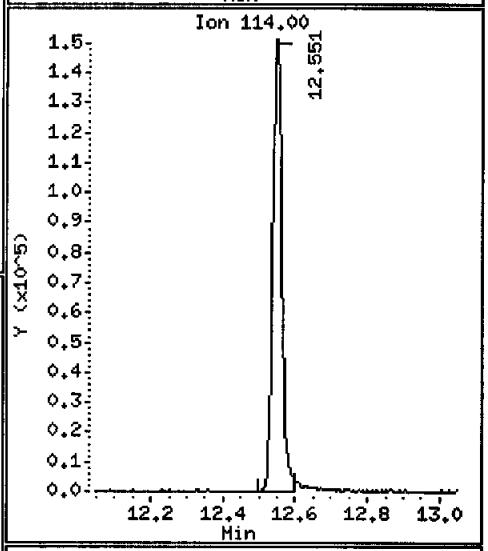
Column phase: RTX-502.2 Column diameter: 0.25

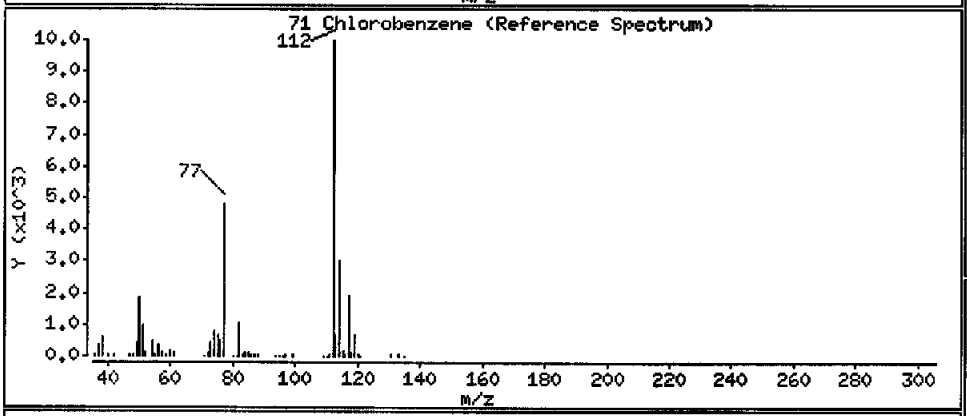
71 Chlorobenzene Concentration: 273.5 ug/L

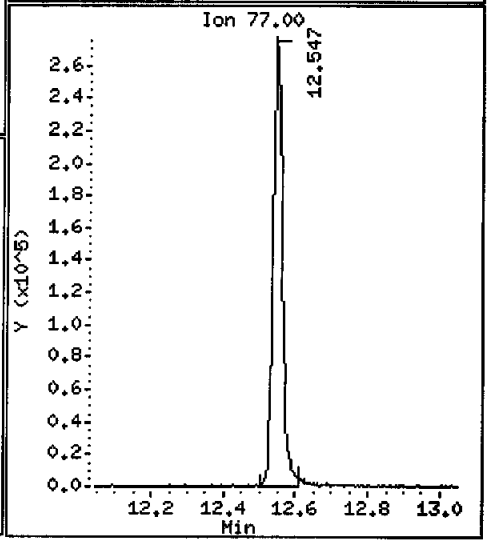


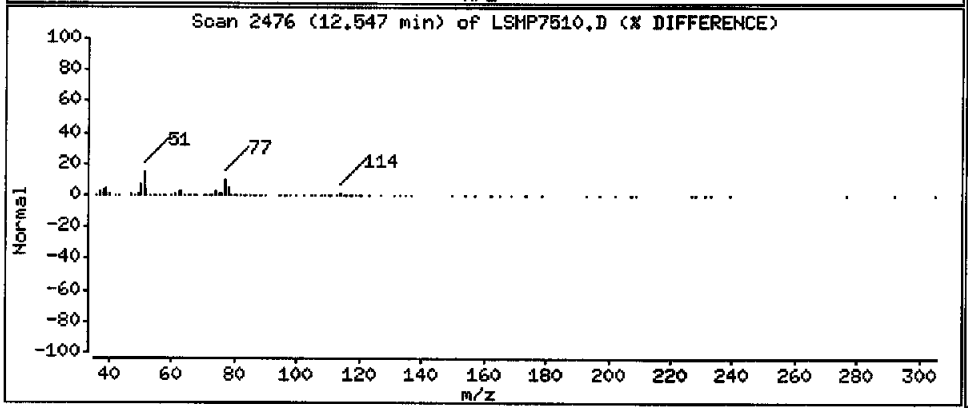












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D

Date : 27-DEC-2007 16:55

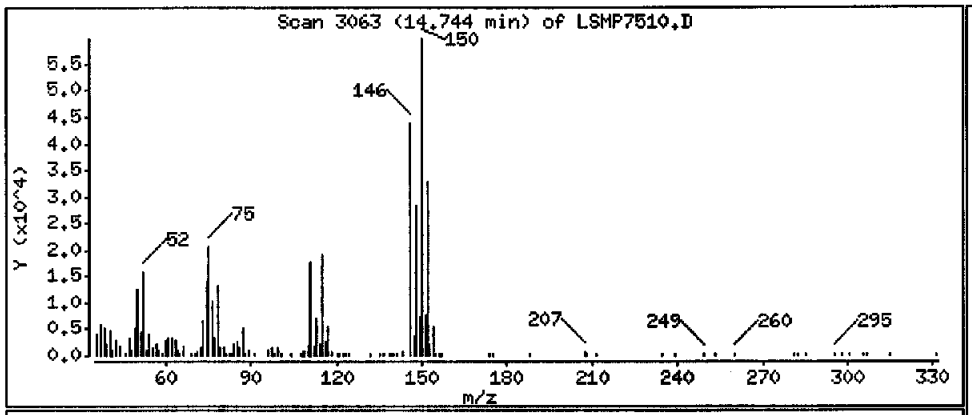
Client ID: AA-MW-16 Instrument: MSL.i

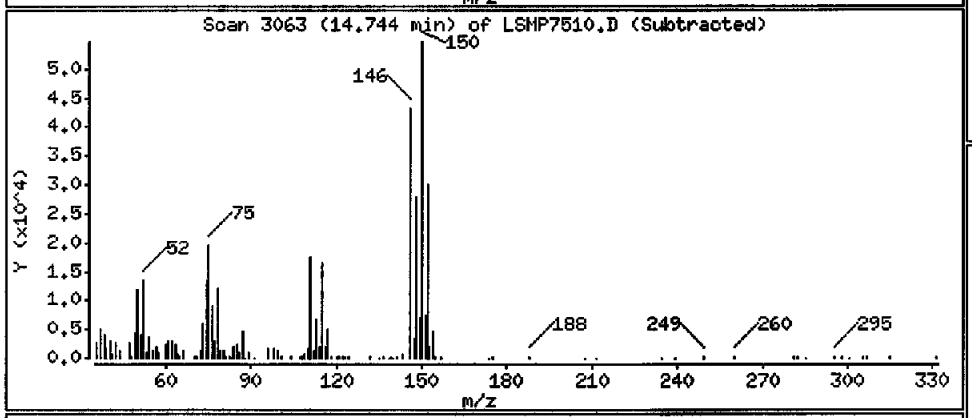
Sample Info: KEE9W3AA

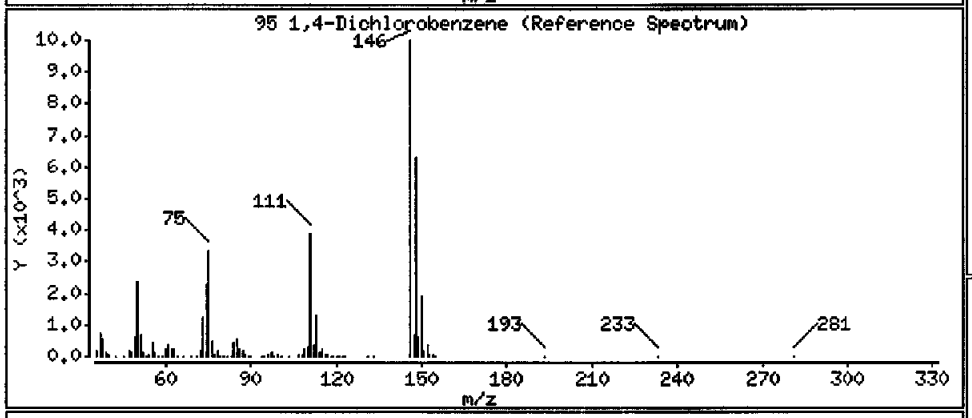
Purge Volume: 1.3 Operator: XIA

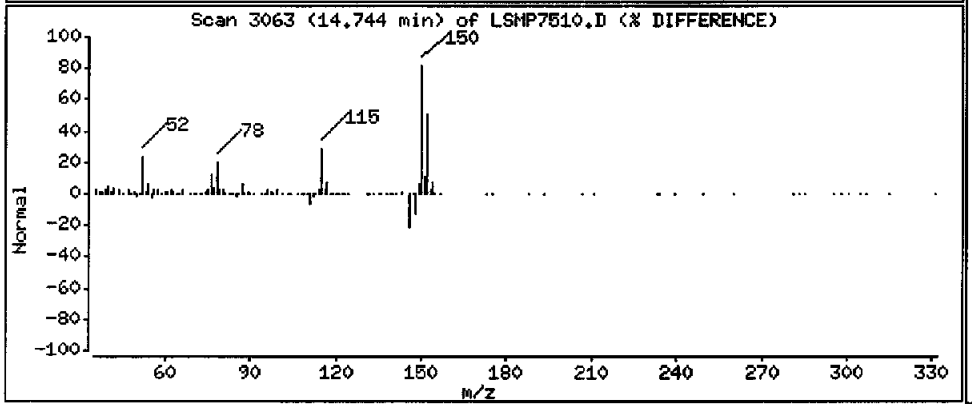
Column phase: RTX-502.2 Column diameter: 0.25

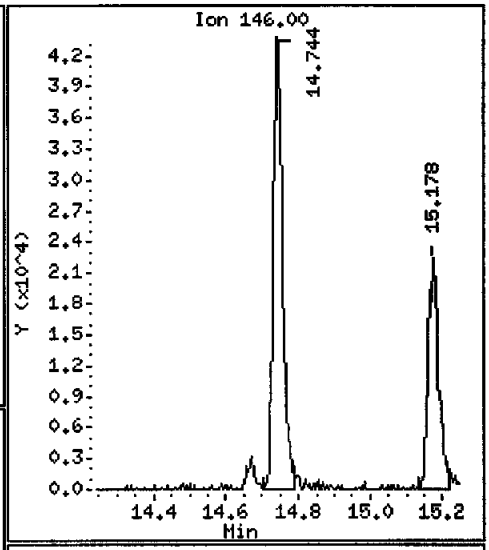
95 1,4-Dichlorobenzene Concentration: 42.05 ug/L

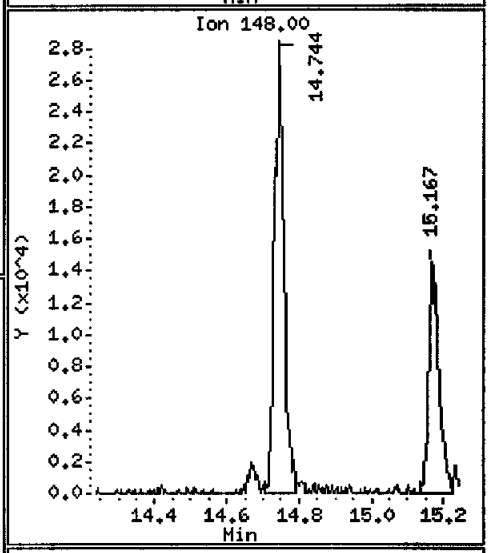


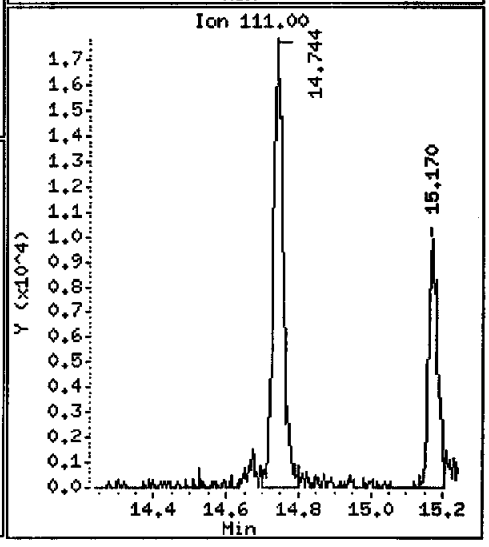












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D

Date : 27-DEC-2007 16:55

Client ID: AA-MW-16

Instrument: MSL.i

Sample Info: KEE9W3AA

Purge Volume: 1.3

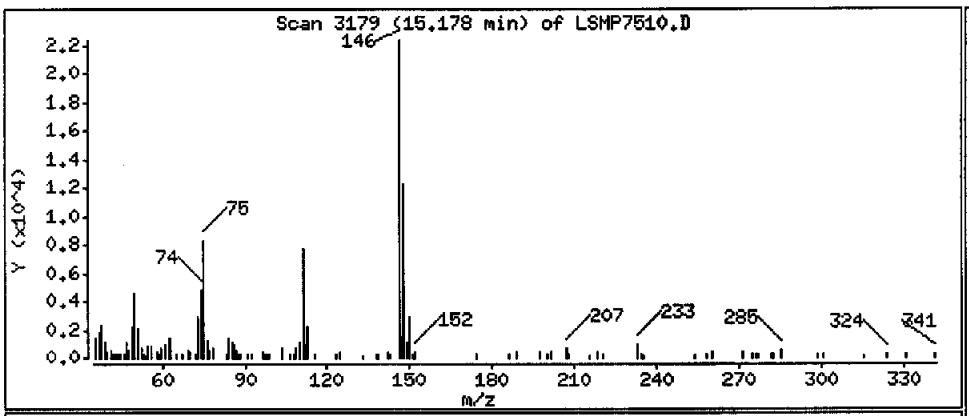
Operator: XIA

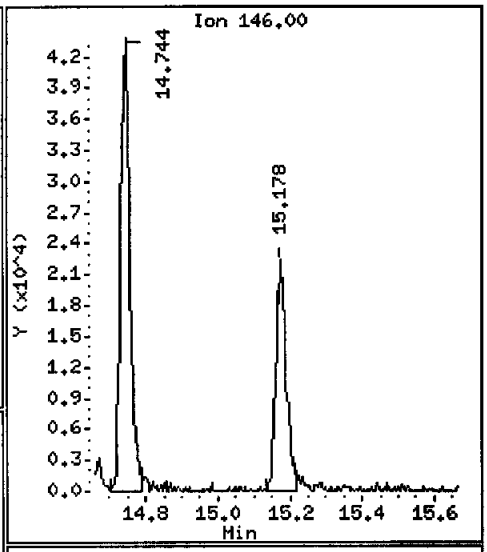
Column phase: RTX-502.2

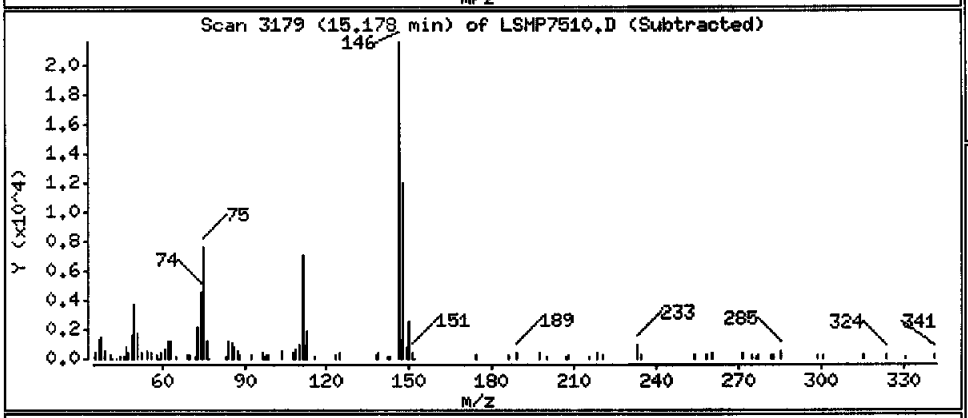
Column diameter: 0.25

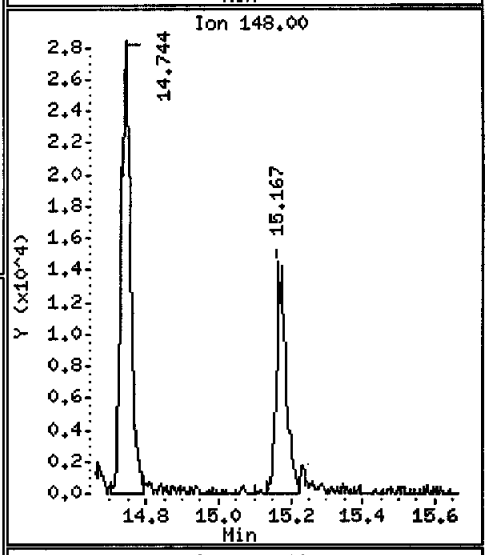
98 1,2-Dichlorobenzene

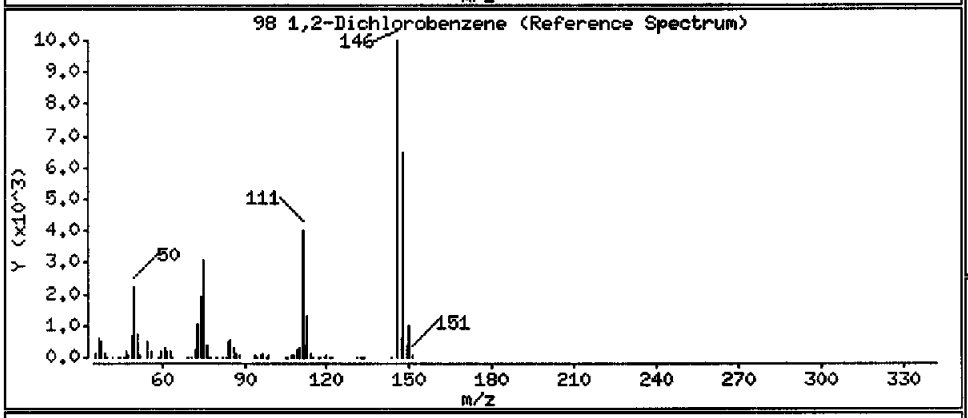
Concentration: 31.74 ug/L

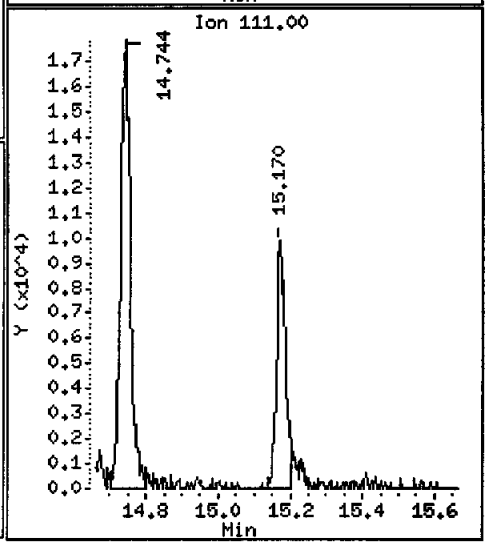


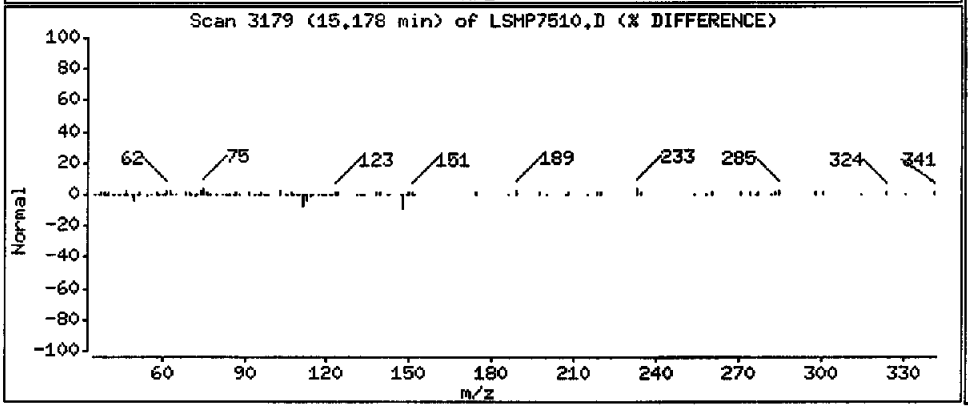






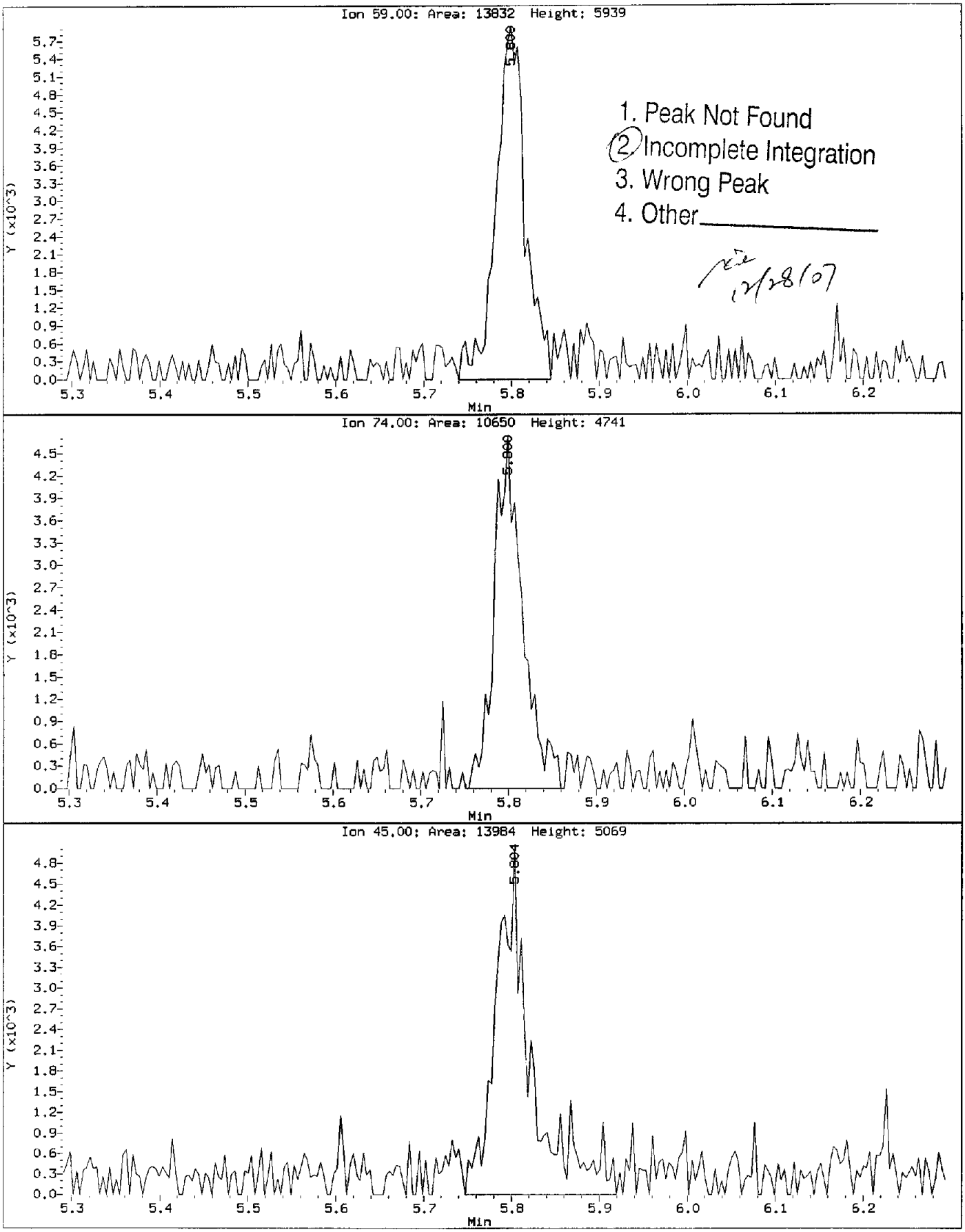






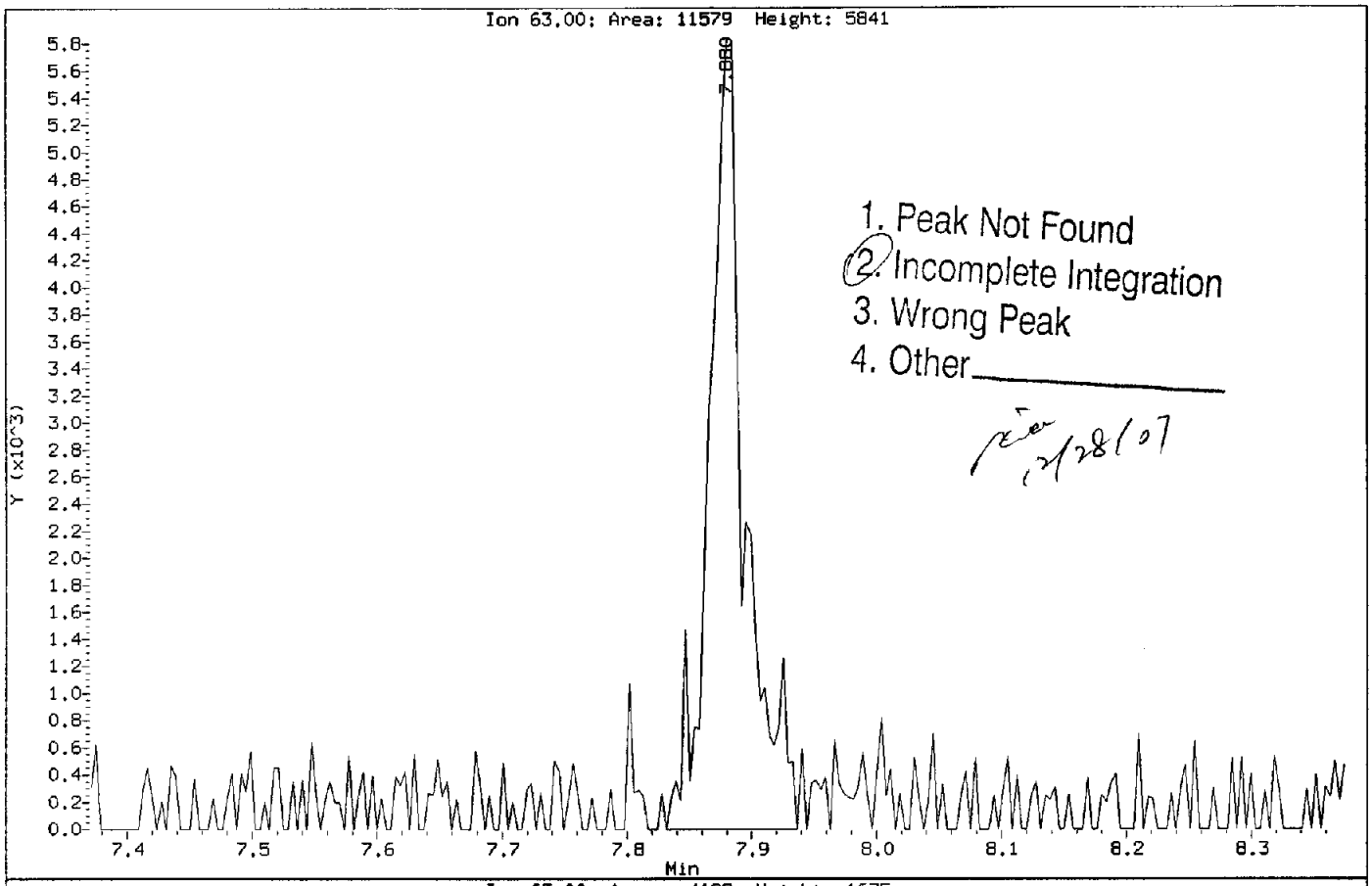
Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D
Injection Date: 27-DEC-2007 16:55
Instrument: MSL.i
Client Sample ID: AA-MW-16

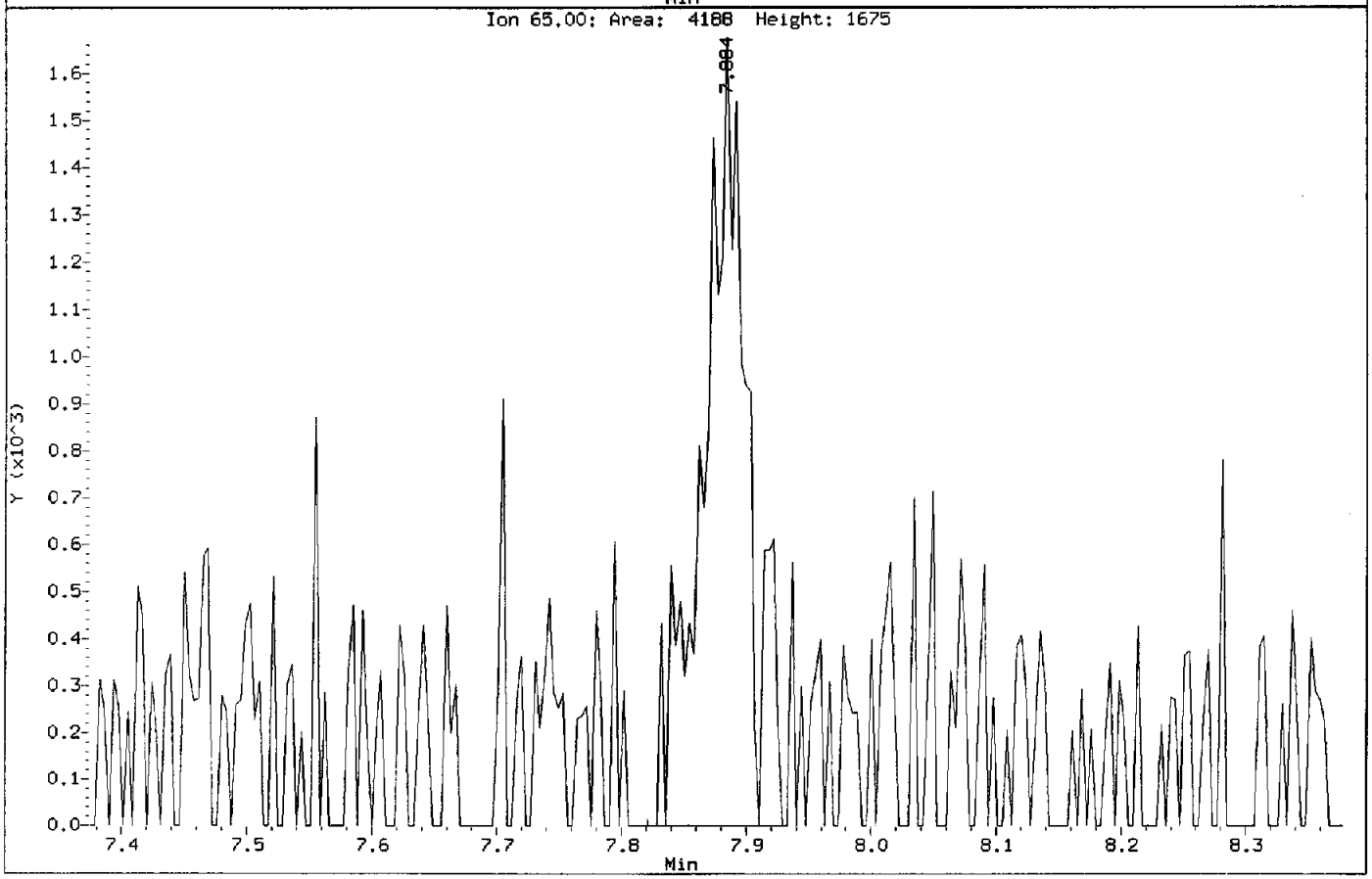
Compound: Diethyl ether
CAS Number: 60-29-7



Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D
Injection Date: 27-DEC-2007 16:55
Instrument: MSL.i
Client Sample ID: AA-MW-16

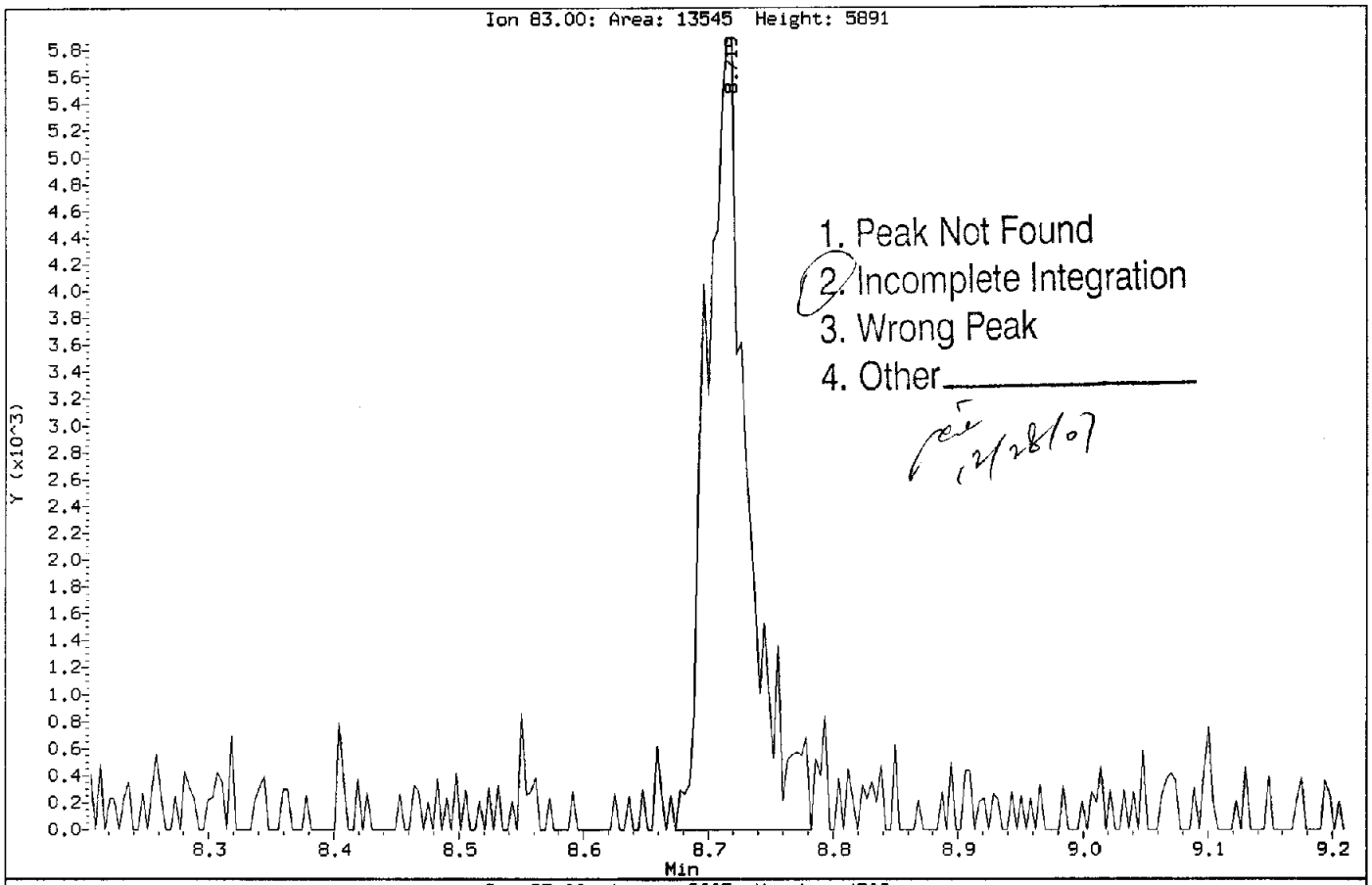
Compound: 1,1-Dichloroethane
CAS Number: 75-34-3

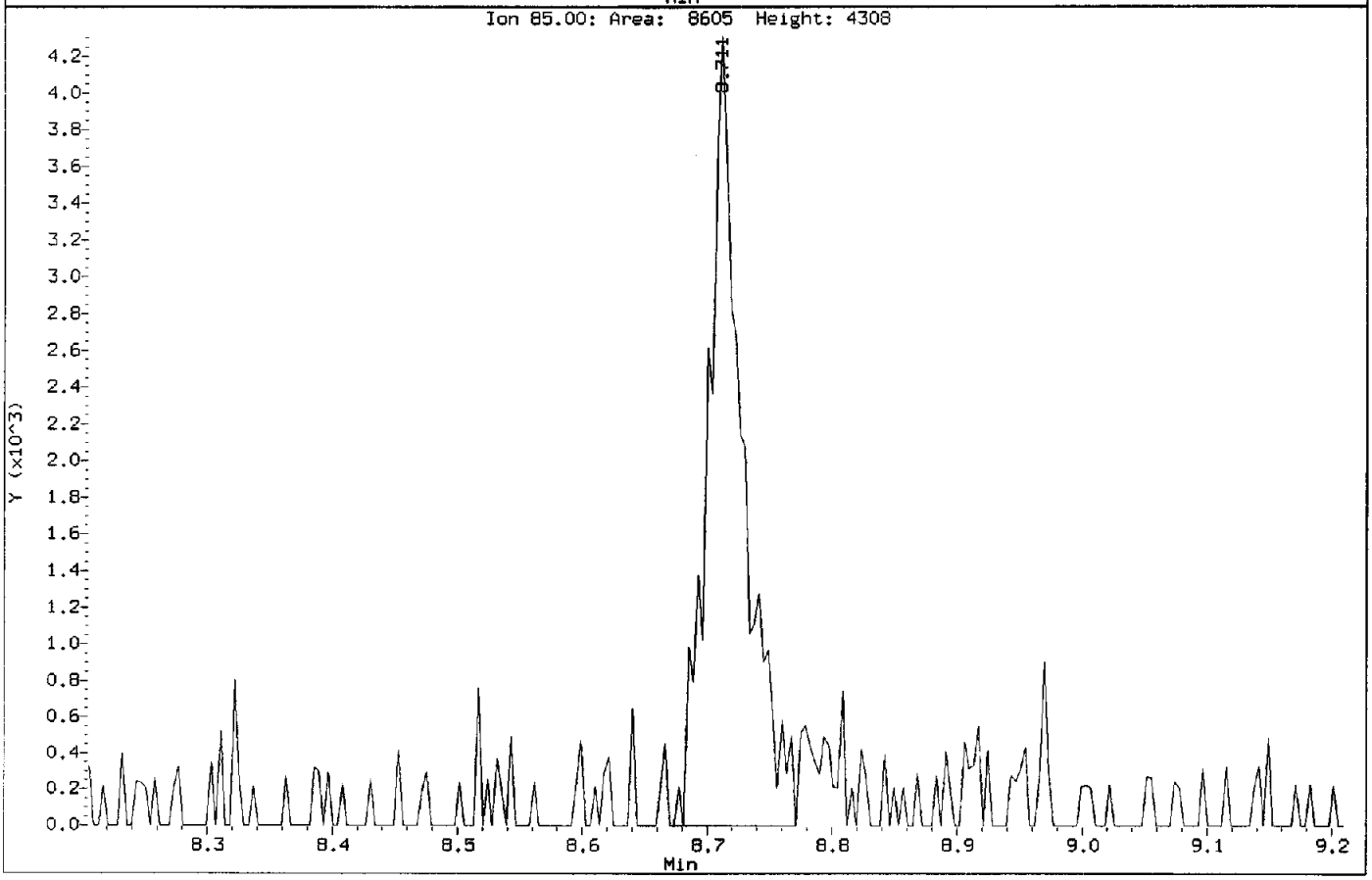




Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7510.D
Injection Date: 27-DEC-2007 16:55
Instrument: MSL.i
Client Sample ID: AA-MW-16

Compound: Chloroform
CAS Number: 67-66-3





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D
Report Date: 26-Dec-2007 11:29

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D
Lab Smp Id: KEE9W2AA Client Smp ID: AA-MW-16
Inj Date : 24-DEC-2007 20:15
Operator : XIA Inst ID: MSL.i
Smp Info : KEE9W2AA
Misc Info : VBLKL358A;F7L190135-003;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	8 Diethyl ether	59	5.792	5.792	(0.599)	331708	39.9313	39.93
	24 1,1-Dichloroethane	63	7.873	7.869	(0.814)	240138	4.81398	4.814
	31 Chloroform	83	8.707	8.707	(0.901)	181563	4.44448	4.444
$	36 Dibromofluoromethane	113	8.909	8.905	(0.921)	166801	11.3998	11.40
	40 Benzene	78	9.310	9.313	(0.963)	12833206	112.390	112.4(A)
$	43 1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	140507	12.2111	12.21(R)
	44 1,2-Dichloroethane	62	9.512	9.512	(0.984)	47431	3.09363	3.094
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	986952	10.0000	
$	57 Toluene-d8	98	11.083	11.083	(0.884)	976588	5.87259	5.872(R)
	62 Tetrachloroethene	164	11.529	11.521	(0.919)	19660	0.57917	0.5792(M)
*	70 Chlorobenzene-d5	117	12.539	12.528	(1.000)	1112222	10.0000	
	71 Chlorobenzene	112	12.535	12.547	(1.000)	19789377	165.896	165.9(A)
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	248635	8.56312	8.563
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	102143	1.87734	1.877
*	94 1,4 Dichlorobenzene-d4	152	14.721	14.725	(1.000)	295479	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	2307701	43.0115	43.01(A)
	98 1,2-Dichlorobenzene	146	15.162	15.166	(1.030)	1283056	31.8752	31.88

12/26/07

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D
Report Date: 26-Dec-2007 11:29

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D
Report Date: 26-Dec-2007 11:29

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

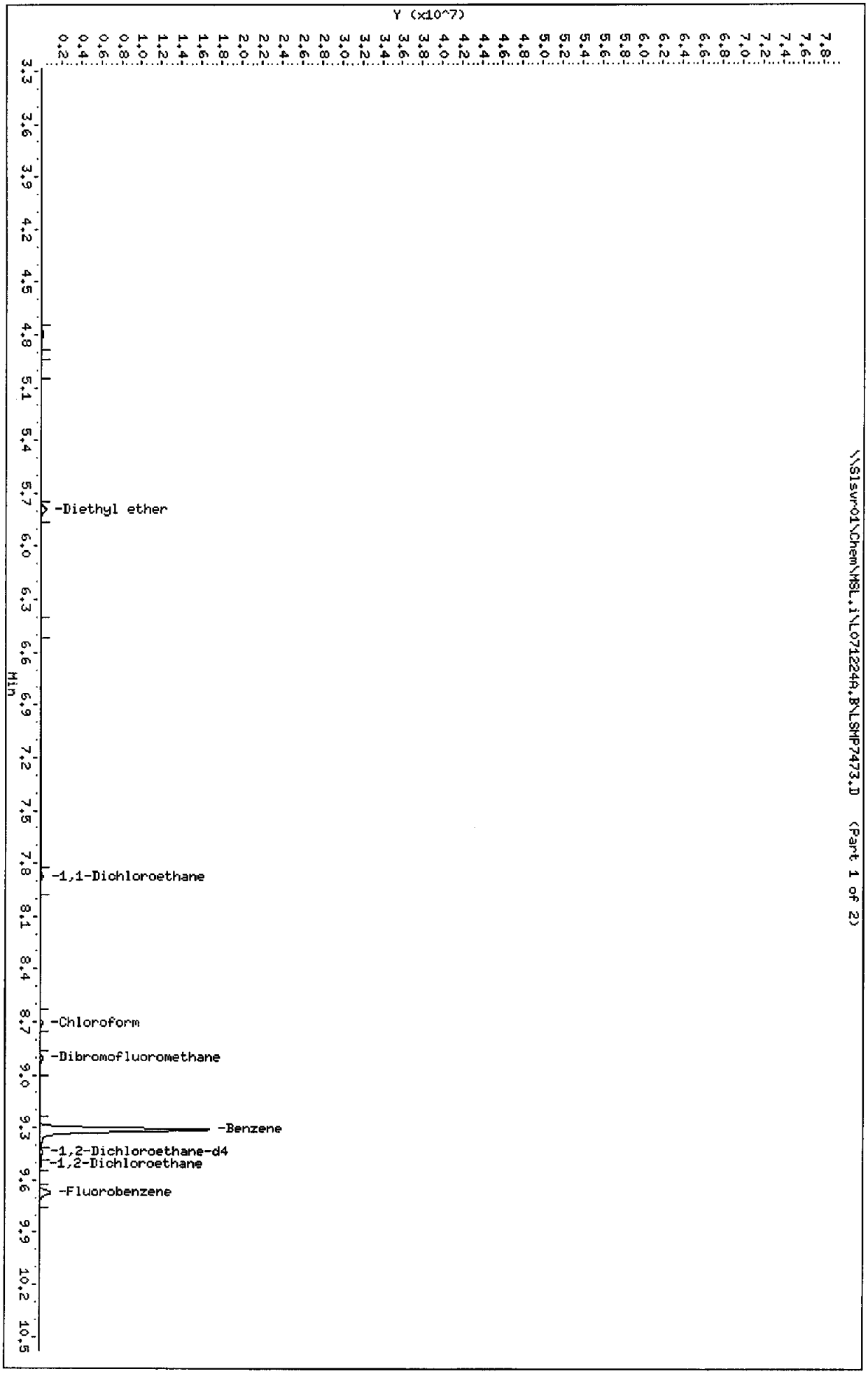
Instrument ID: MSL.i
Lab File ID: LSMP7473.D
Lab Smp Id: KEE9W2AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L190135-003;7360149;

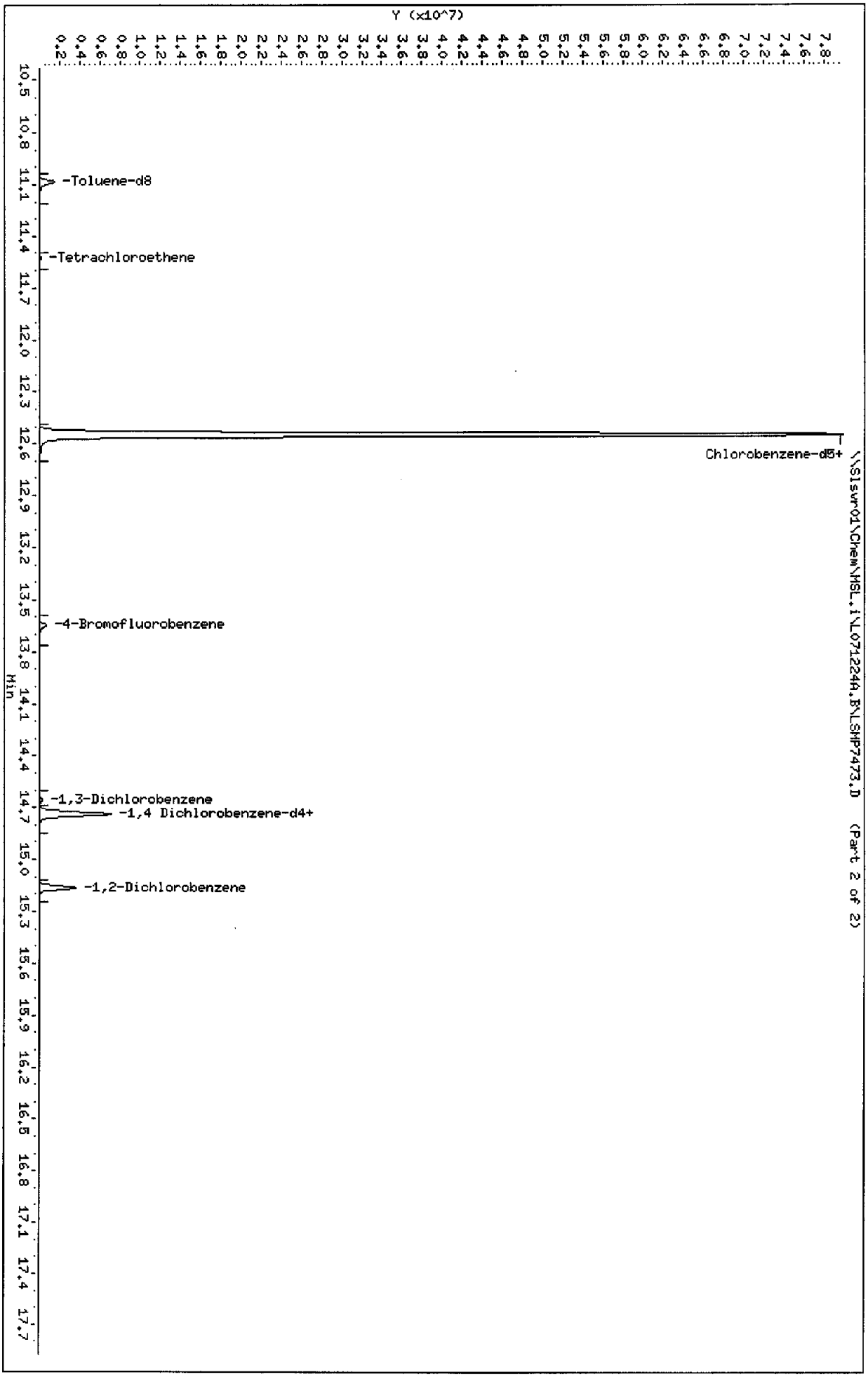
Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: AA-MW-16
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	986952	-17.97
70 Chlorobenzene-d5	752404	376202	1504808	1112222	47.82
94 1,4 Dichlorobenze	317211	158606	634422	295479	-6.85

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.54	0.09
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7473.D
Date : 24-DEC-2007 20:15
Client ID: AA-MW-16
Sample Info: KEE9W2AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^7)
\\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7473.D (Part 1 of 2)
Min
-Diethyl ether
-1,1-Dichloroethane
-Chloroform
-Dibromofluoromethane
-Benzene
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene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Date : 24-DEC-2007 20:15
Client ID: AA-MW-16
Sample Info: KEE9W2AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^7)
-Toluene-d8
-Tetrachloroethene
Chlorobenzene-d5+
\\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7473.D (Part 2 of 2)
-4-Bromofluorobenzene
Min
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-1,2-Dichlorobenzene

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D

Date : 24-DEC-2007 20:15

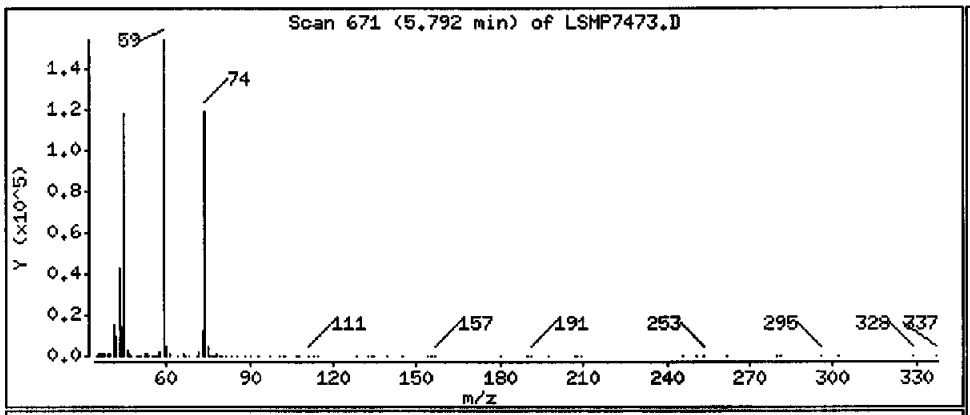
Client ID: AA-MW-16 Instrument: MSL.i

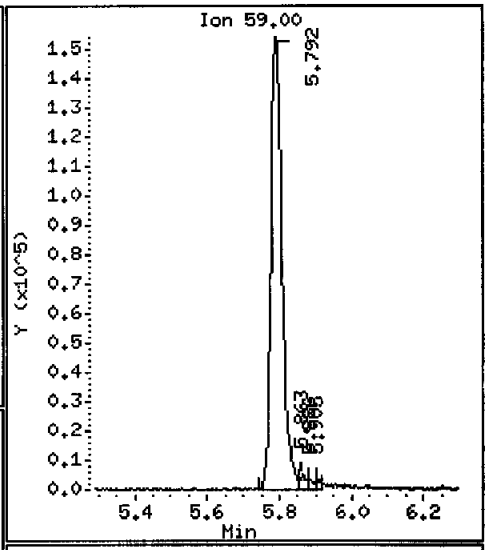
Sample Info: KEE9W2AA

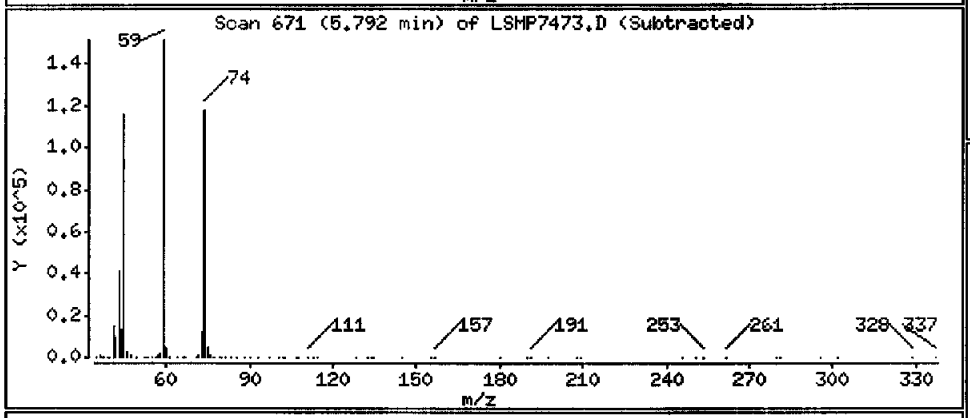
Purge Volume: 25.0 Operator: XIA

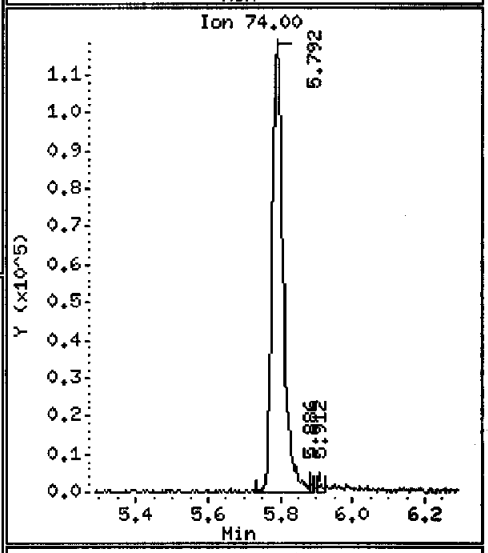
Column phase: RTX-502.2 Column diameter: 0.25

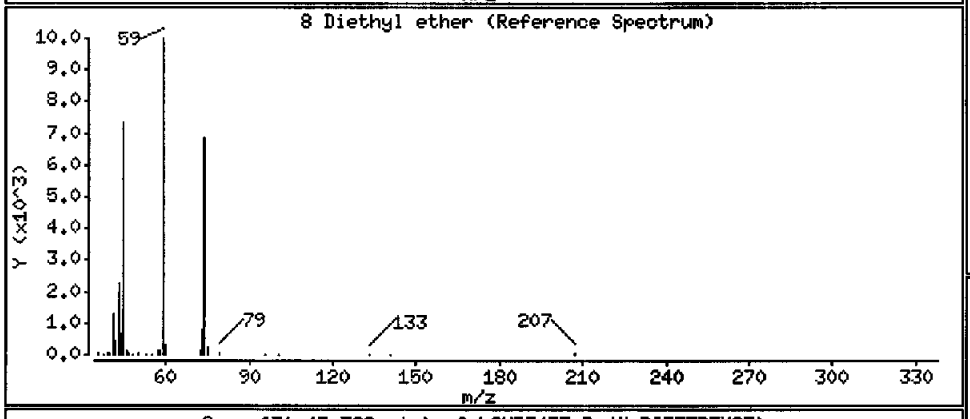
8 Diethyl ether Concentration: 39.93 ug/L

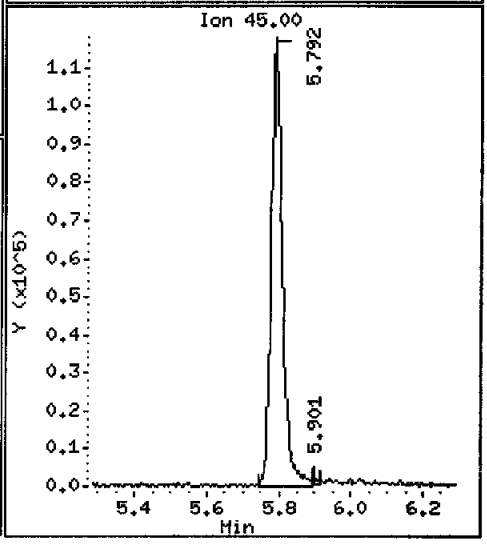


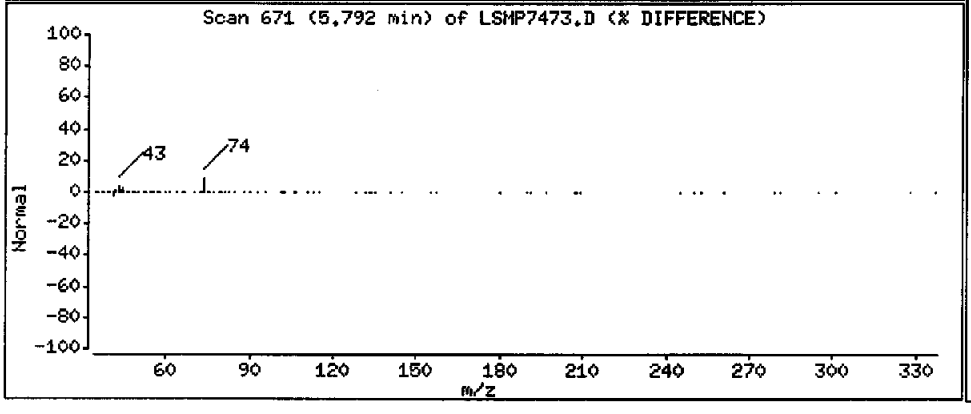












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D

Date : 24-DEC-2007 20:15

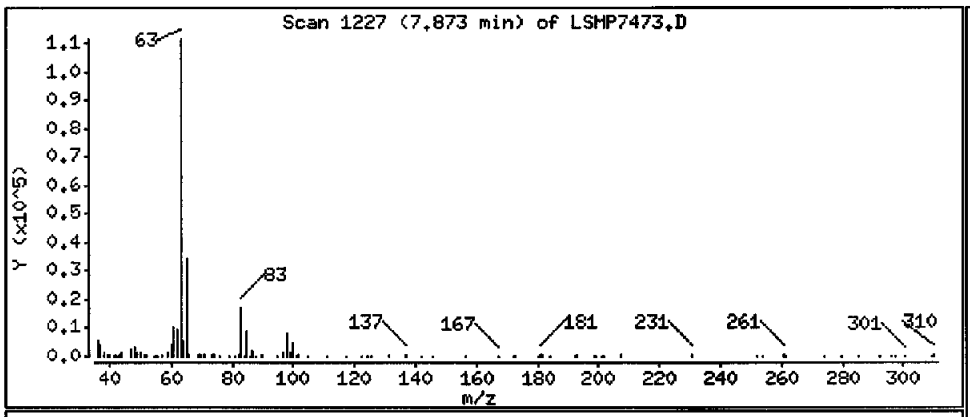
Client ID: AA-MW-16 Instrument: MSL.i

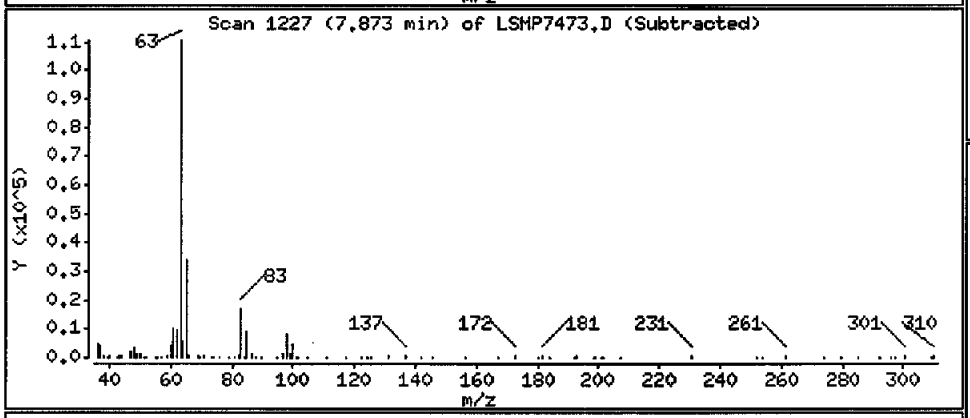
Sample Info: KEE9W2AA

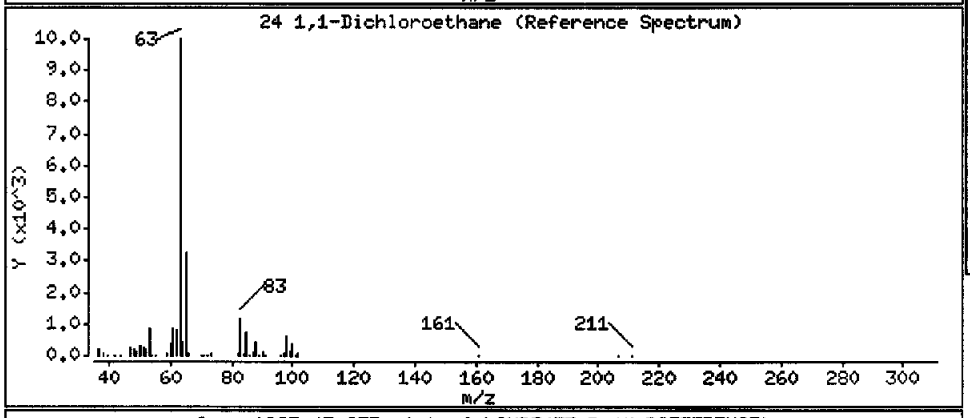
Purge Volume: 25.0 Operator: XIA

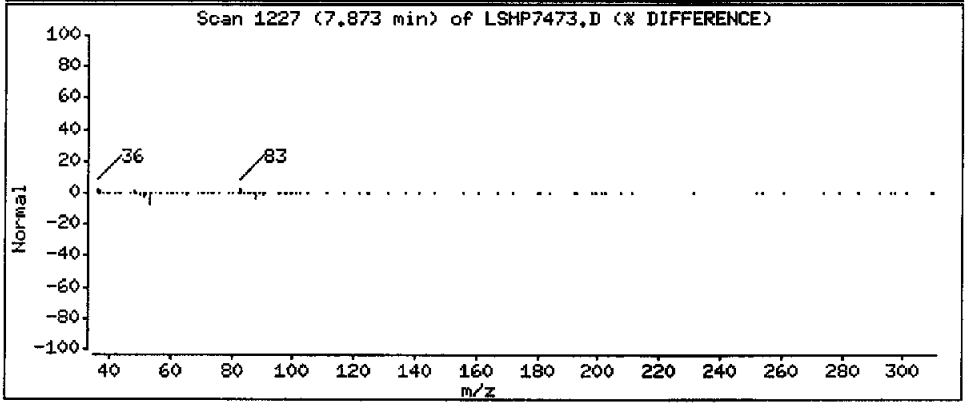
Column phase: RTX-502.2 Column diameter: 0.25

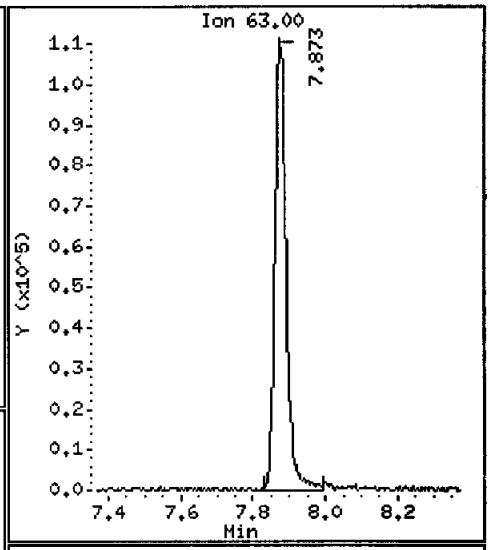
24 1,1-Dichloroethane Concentration: 4.814 ug/L

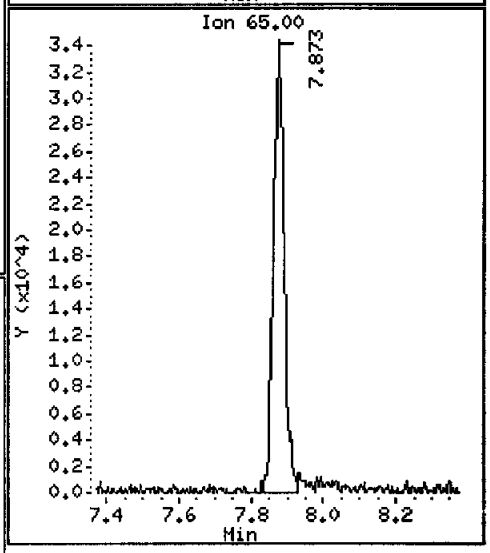












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D

Date : 24-DEC-2007 20:15

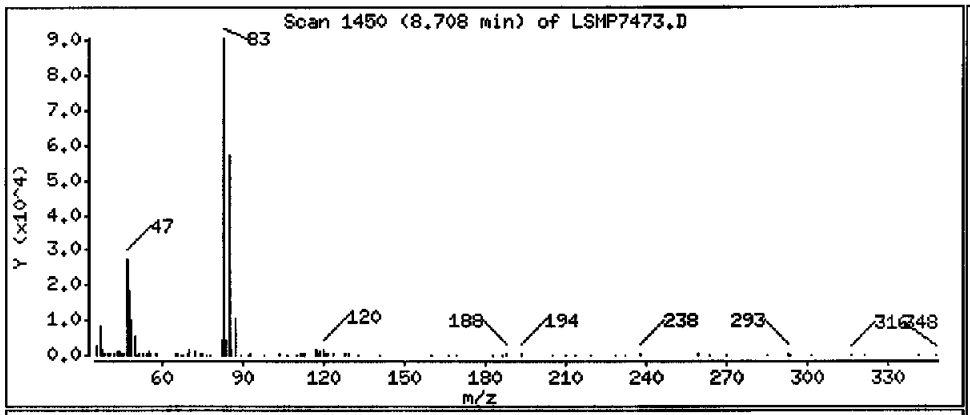
Client ID: AA-MW-16 Instrument: MSL.i

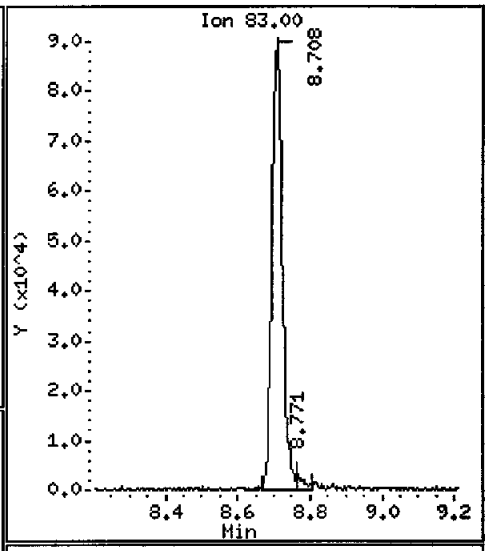
Sample Info: KEE9W2AA

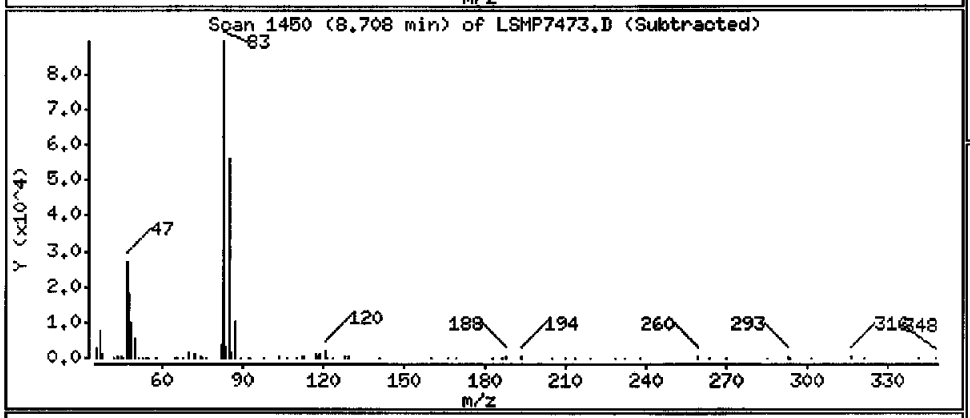
Purge Volume: 25.0 Operator: XIA

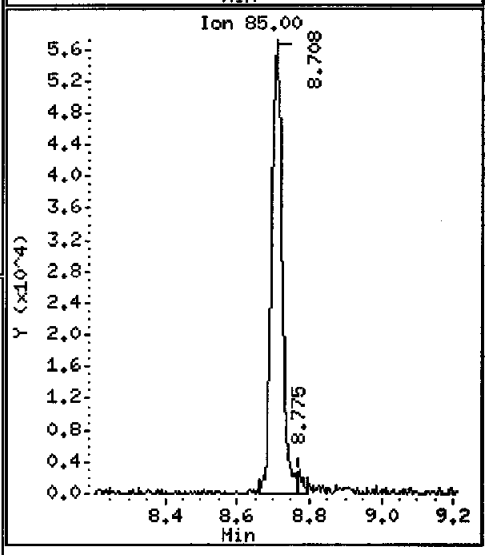
Column phase: RTX-502.2 Column diameter: 0.25

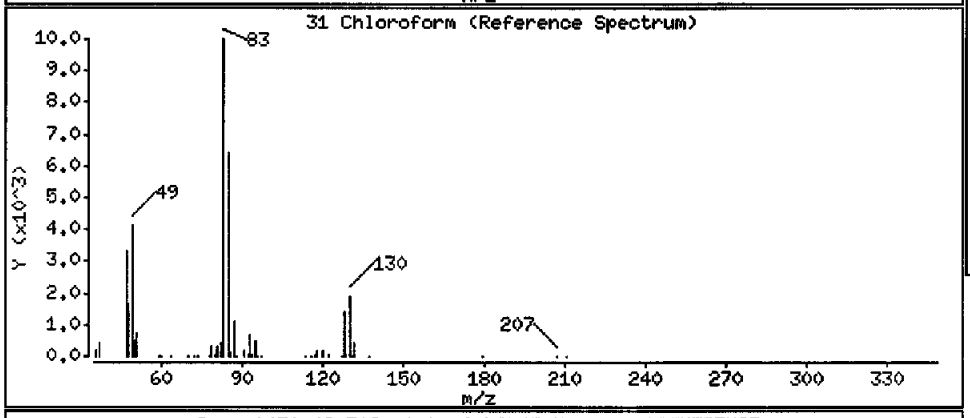
31 Chloroform Concentration: 4.444 ug/L

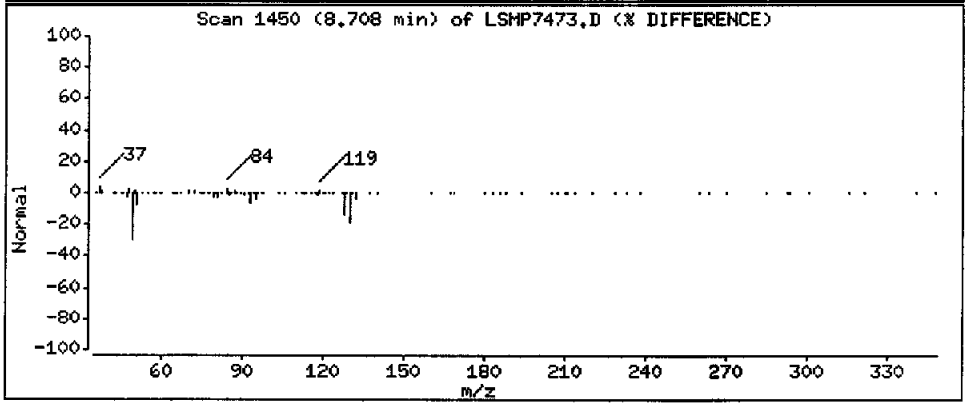












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D

Date : 24-DEC-2007 20:15

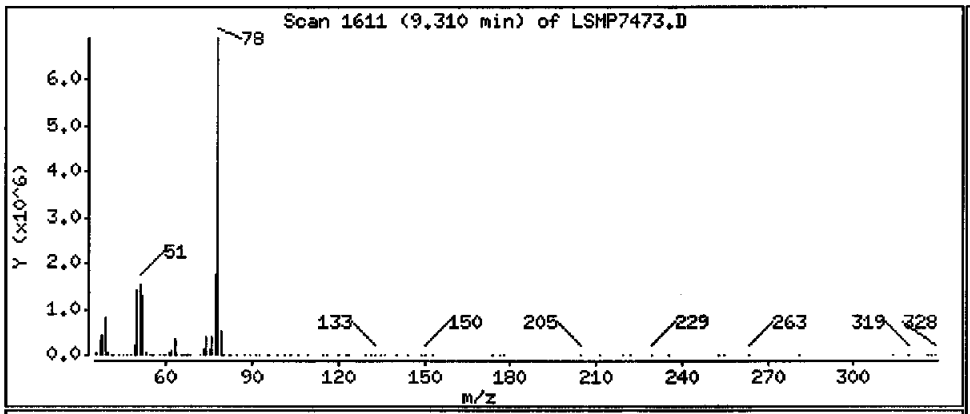
Client ID: AA-MW-16 Instrument: MSL.i

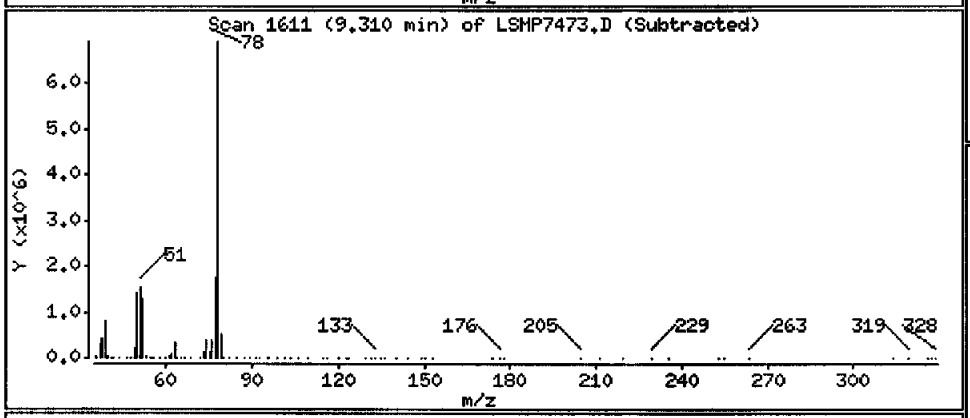
Sample Info: KEE9W2AA

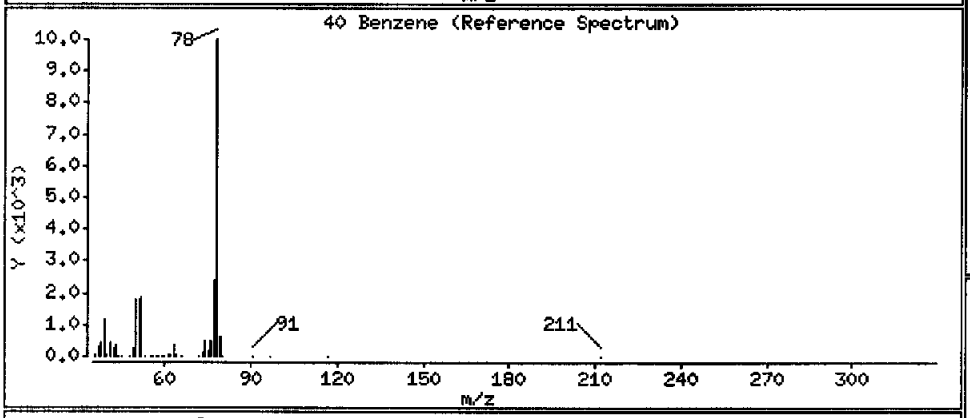
Purge Volume: 25.0 Operator: XIA

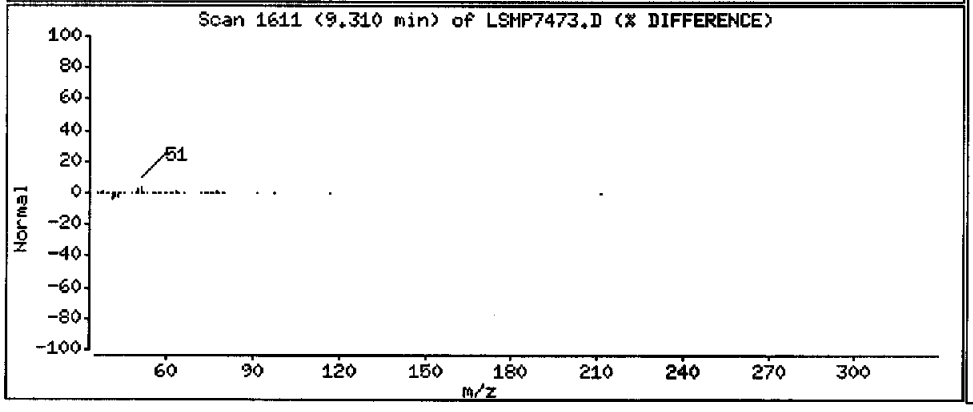
Column phase: RTX-502.2 Column diameter: 0.25

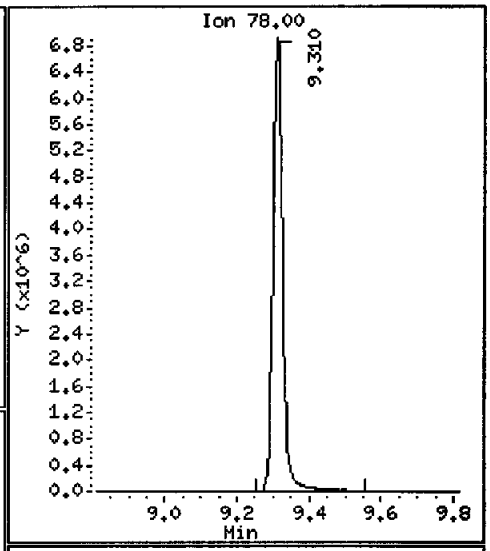
40 Benzene Concentration: 112.4 ug/L

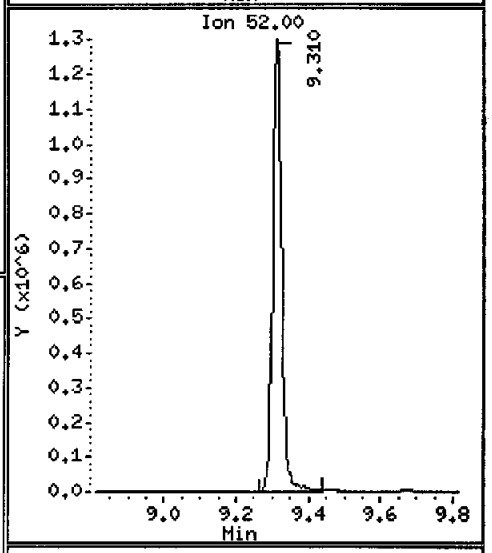


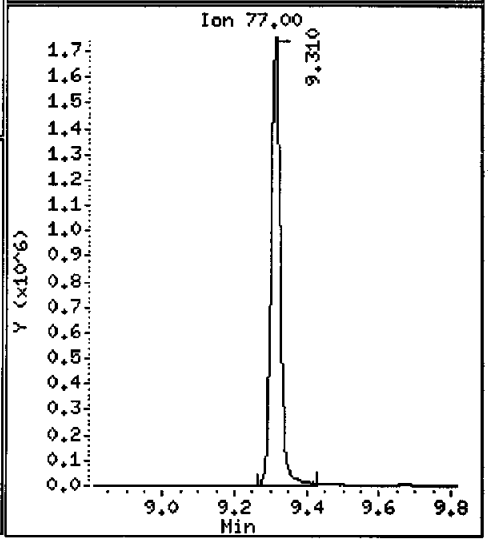












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D

Date : 24-DEC-2007 20:15

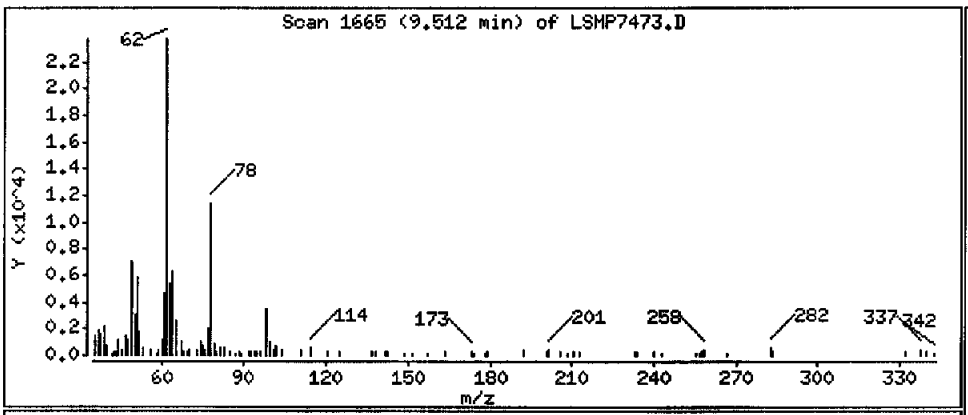
Client ID: AA-MW-16 Instrument: MSL.i

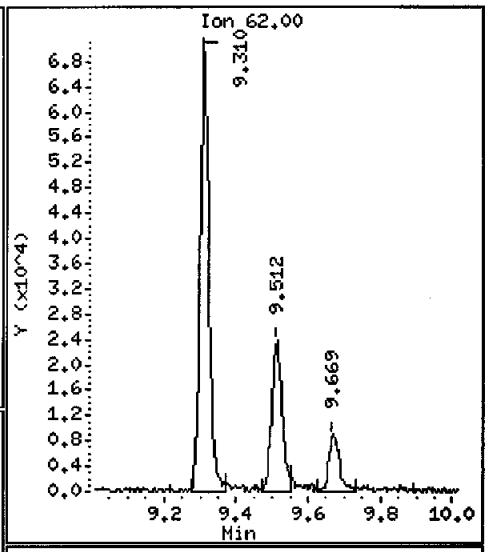
Sample Info: KEE9W2AA

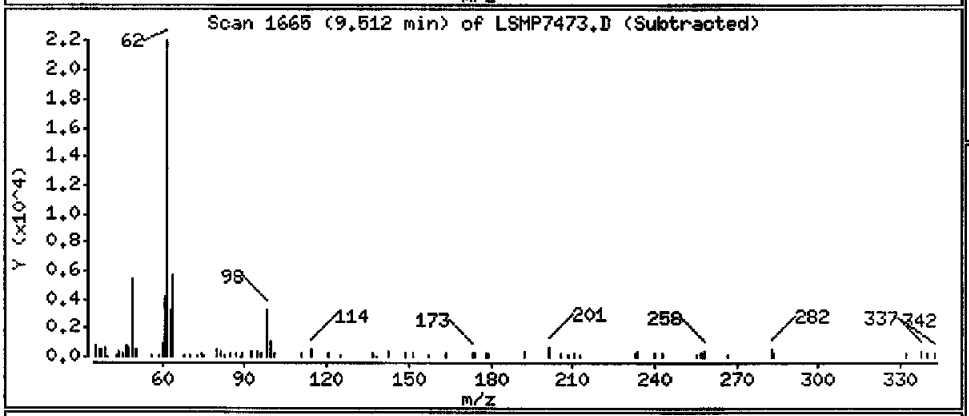
Purge Volume: 25.0 Operator: XIA

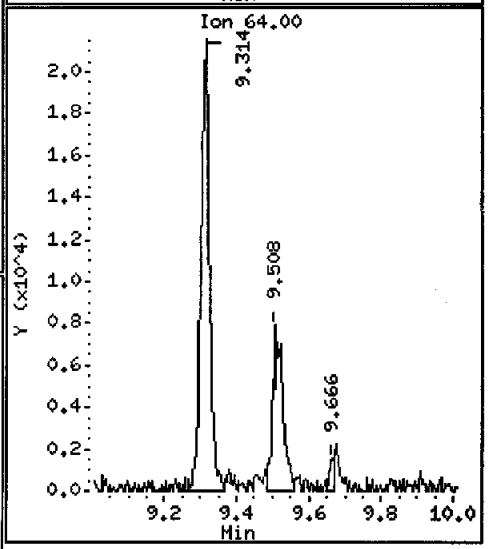
Column phase: RTX-502.2 Column diameter: 0.25

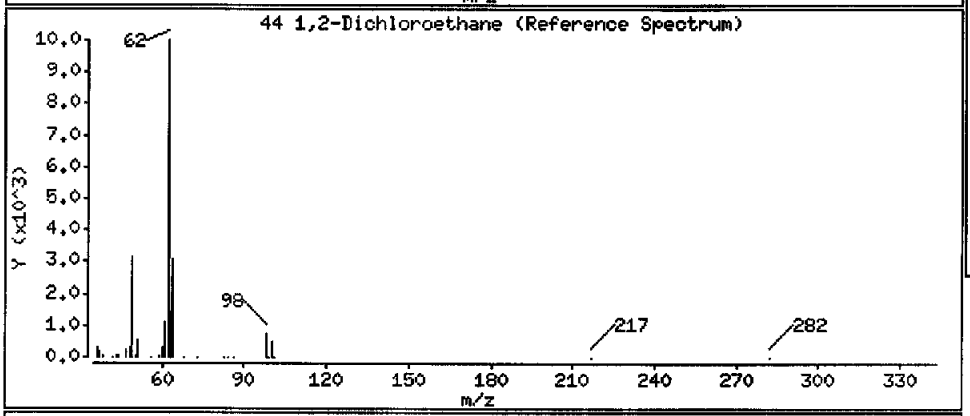
44 1,2-Dichloroethane Concentration: 3.094 ug/L

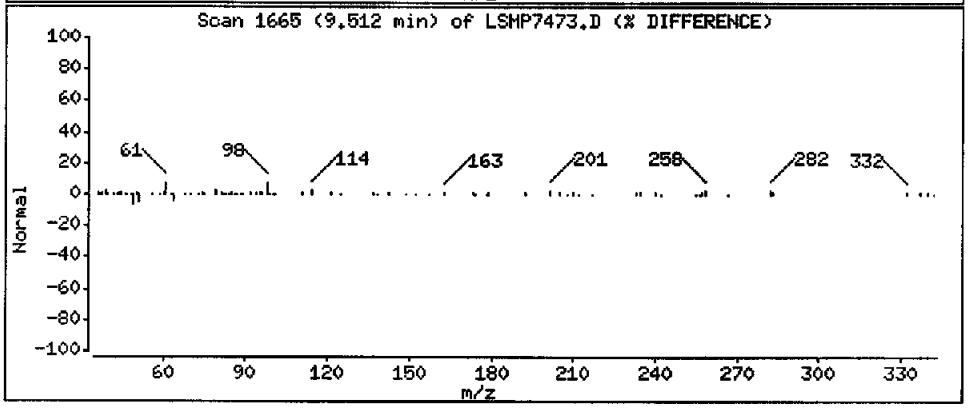












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D

Date : 24-DEC-2007 20:15

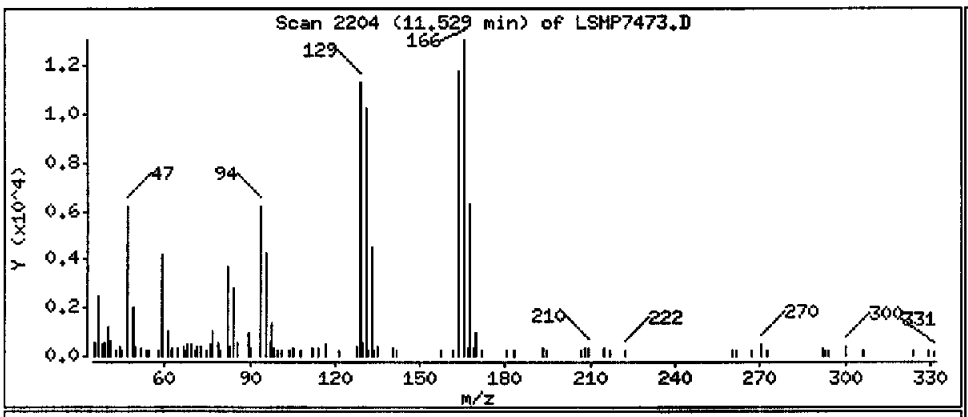
Client ID: AA-MW-16 Instrument: MSL.i

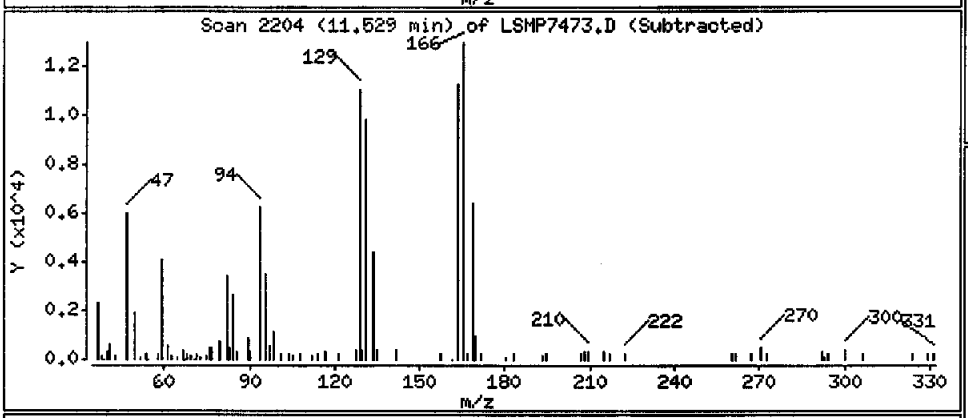
Sample Info: KEE9W2AA

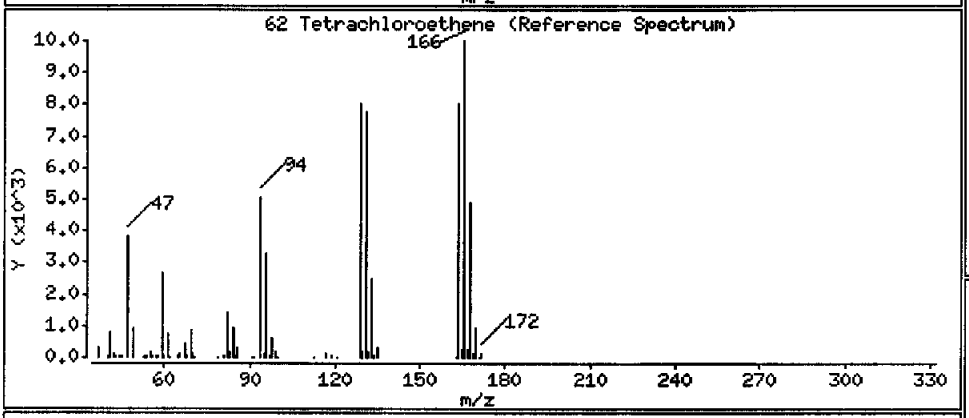
Purge Volume: 25.0 Operator: XIA

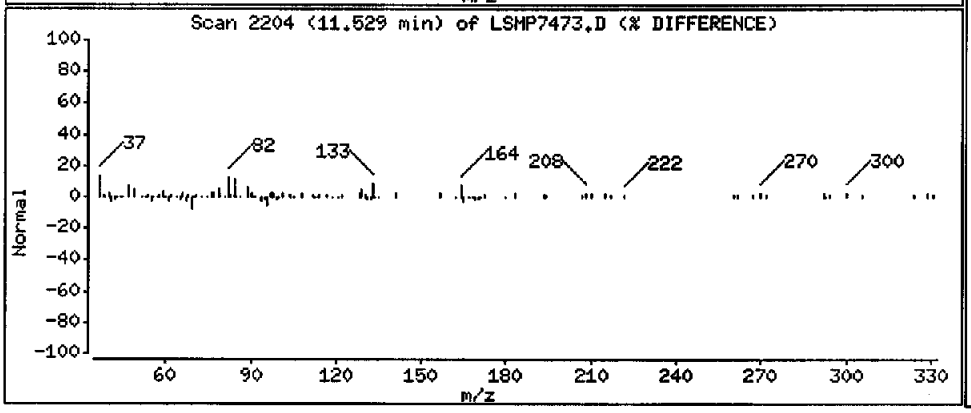
Column phase: RTX-502.2 Column diameter: 0.25

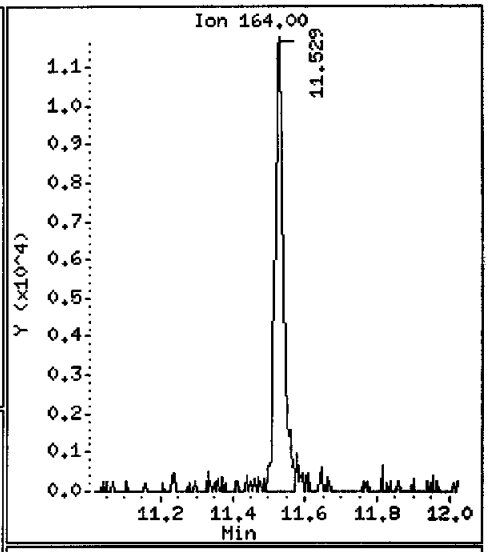
62 Tetrachloroethene Concentration: 0.5792 ug/L

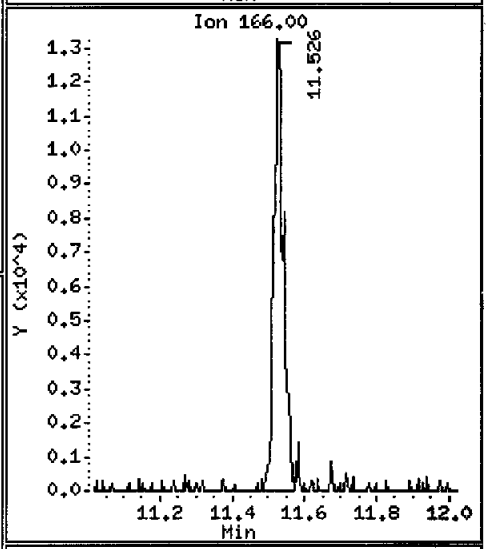


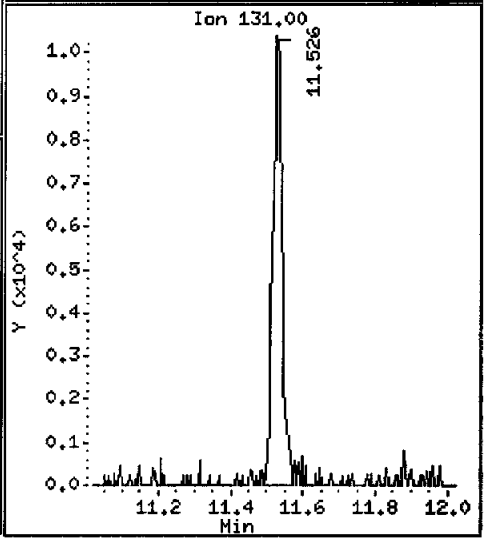












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D

Date : 24-DEC-2007 20:15

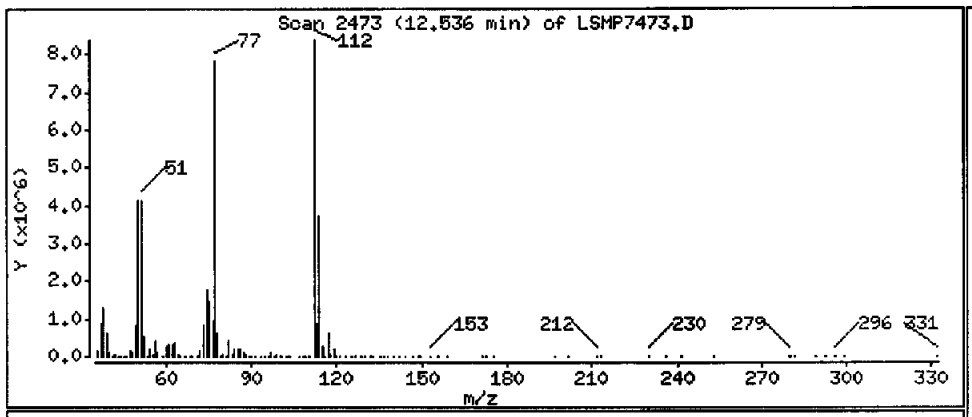
Client ID: AA-MW-16 Instrument: MSL.i

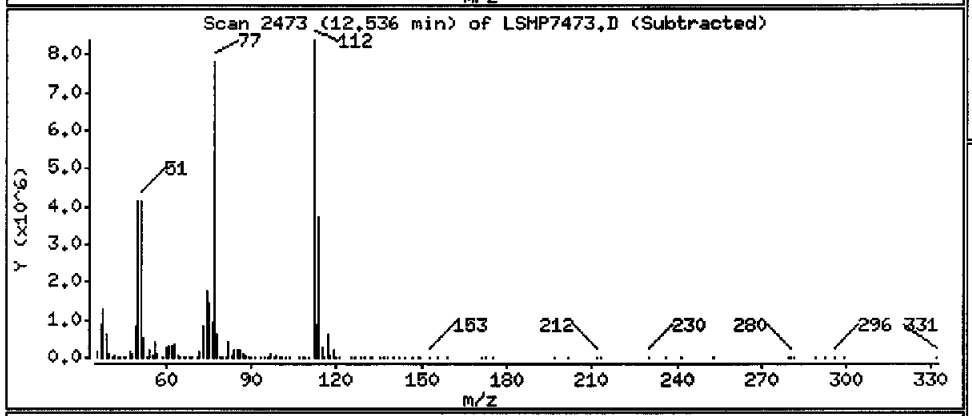
Sample Info: KEE9W2AA

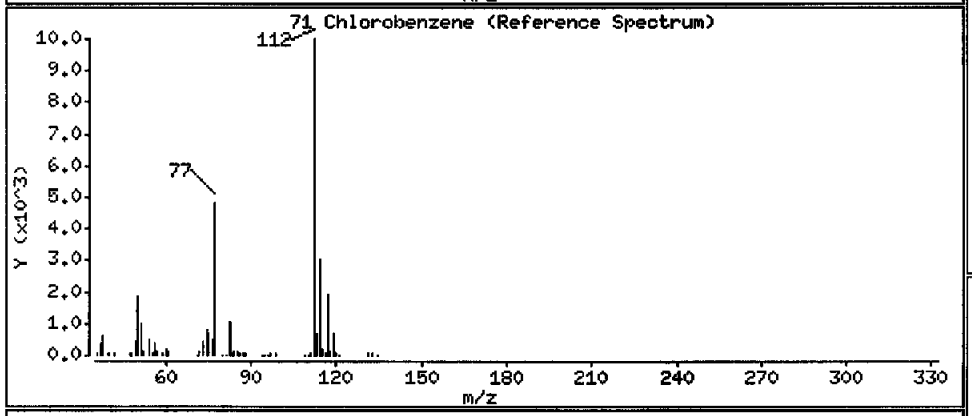
Purge Volume: 25.0 Operator: XIA

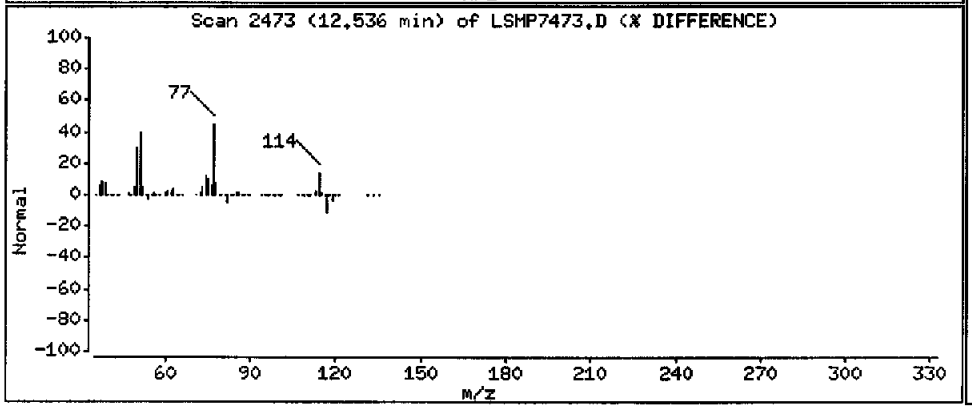
Column phase: RTX-502.2 Column diameter: 0.25

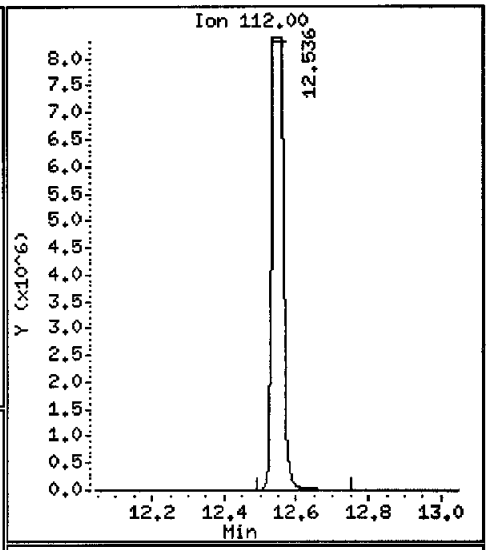
71 Chlorobenzene Concentration: 165.9 ug/L

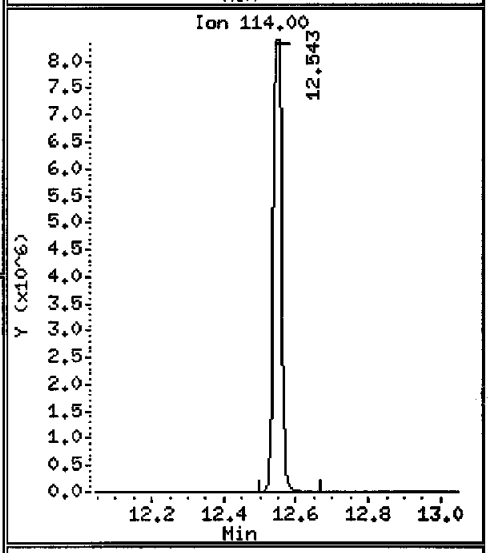


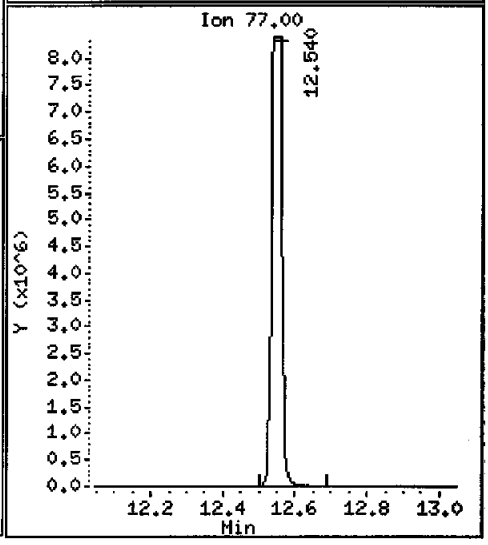












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D

Date : 24-DEC-2007 20:15

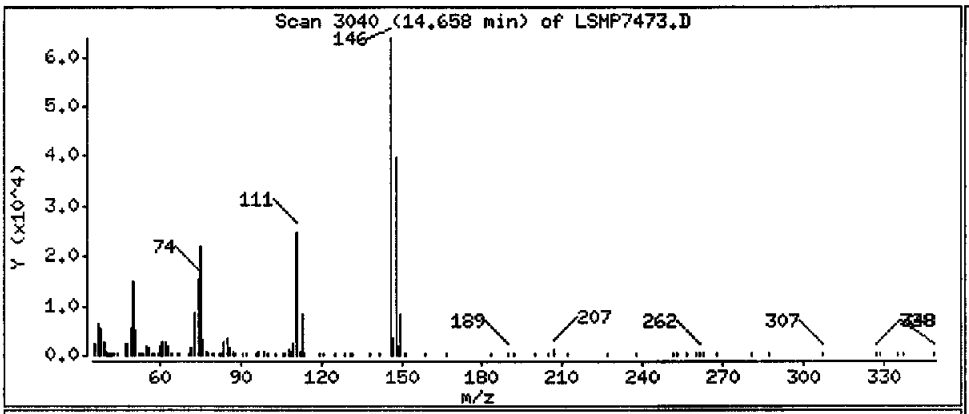
Client ID: AA-MW-16 Instrument: MSL.i

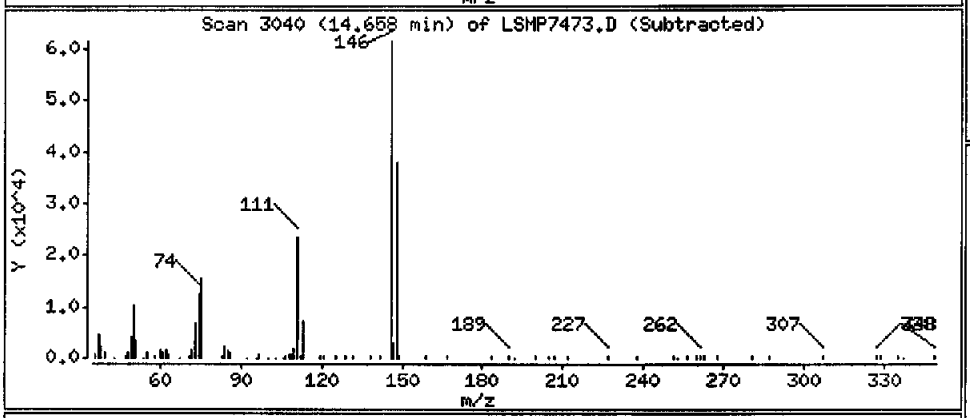
Sample Info: KEE9W2AA

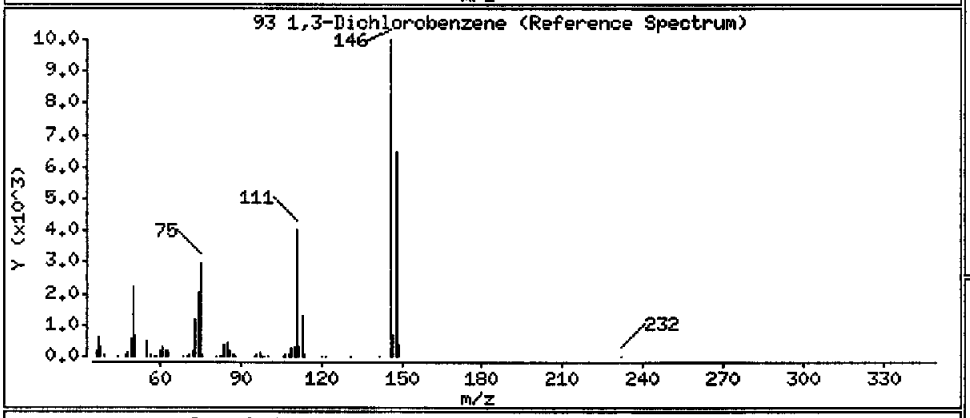
Purge Volume: 25.0 Operator: XIA

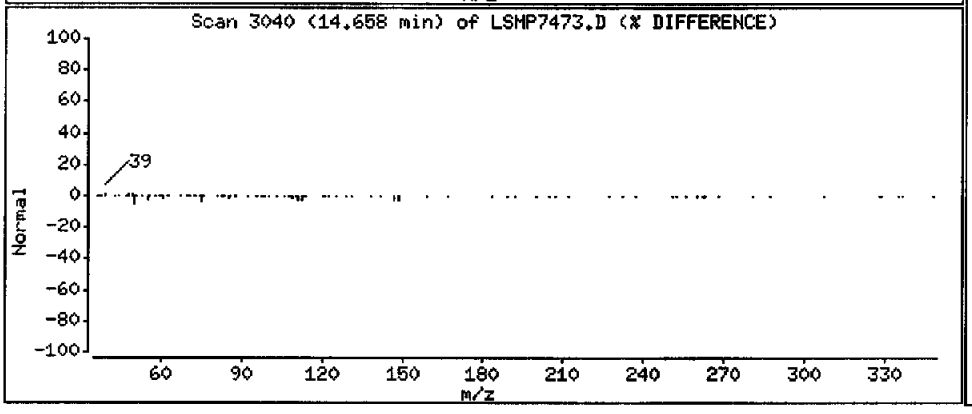
Column phase: RTX-502.2 Column diameter: 0.25

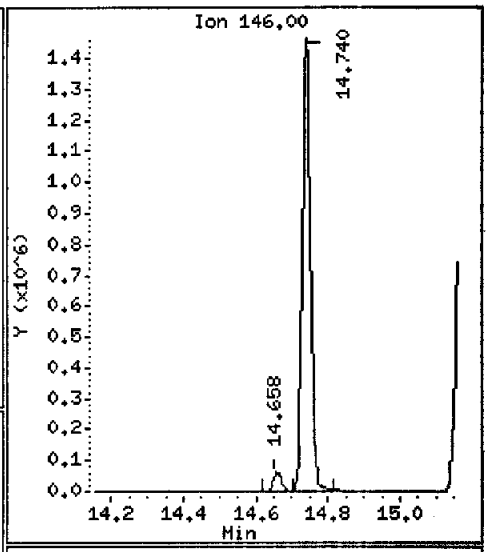
93 1,3-Dichlorobenzene Concentration: 1.877 ug/L

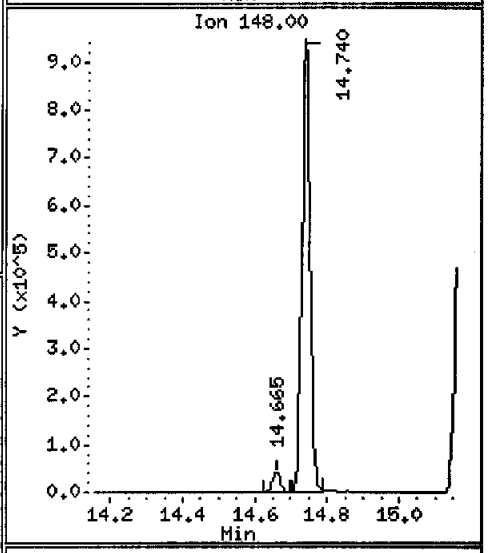


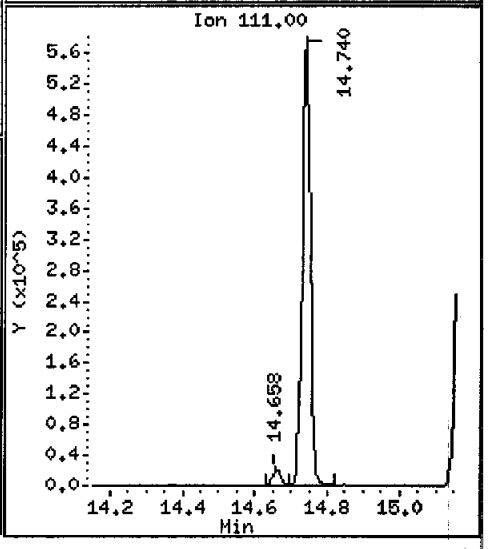












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D

Date : 24-DEC-2007 20:15

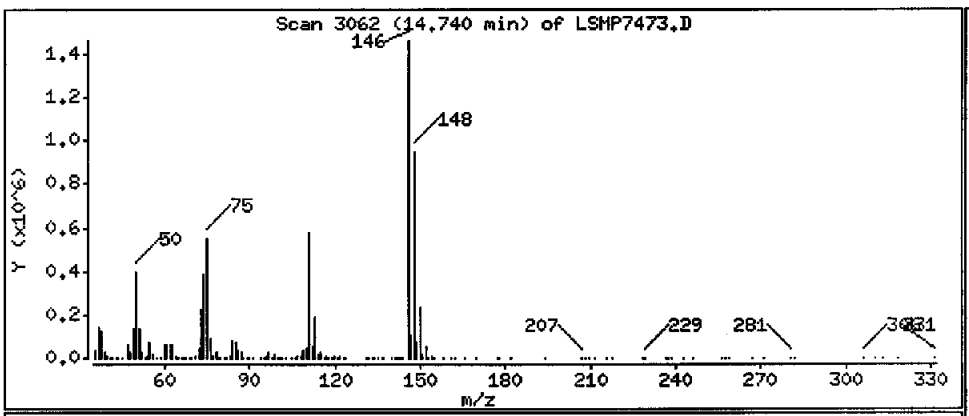
Client ID: AA-MW-16 Instrument: MSL.i

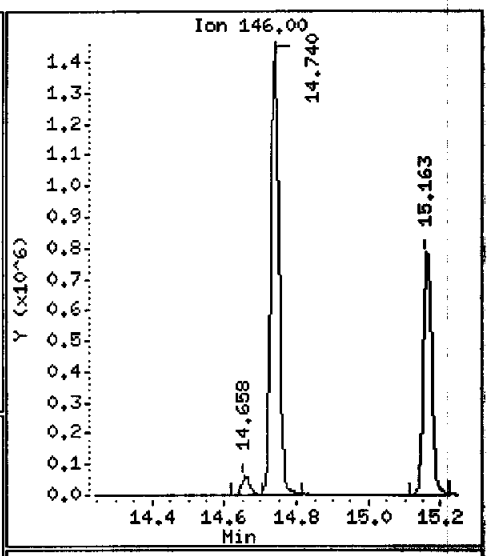
Sample Info: KEE9W2AA

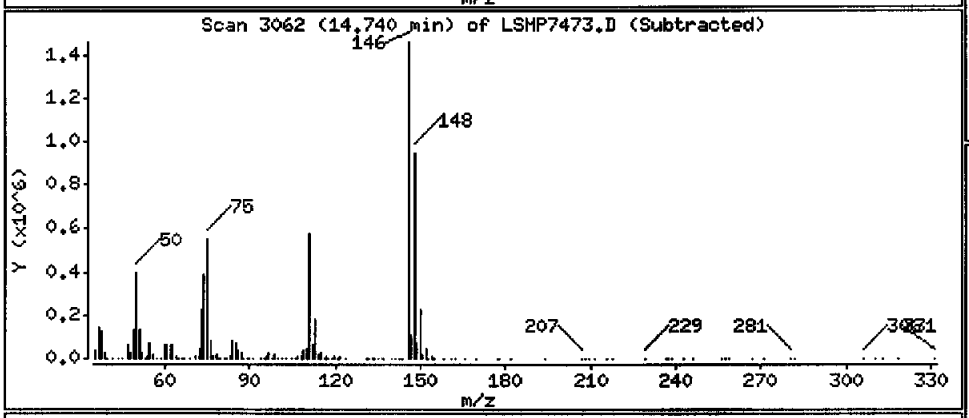
Purge Volume: 25.0 Operator: XIA

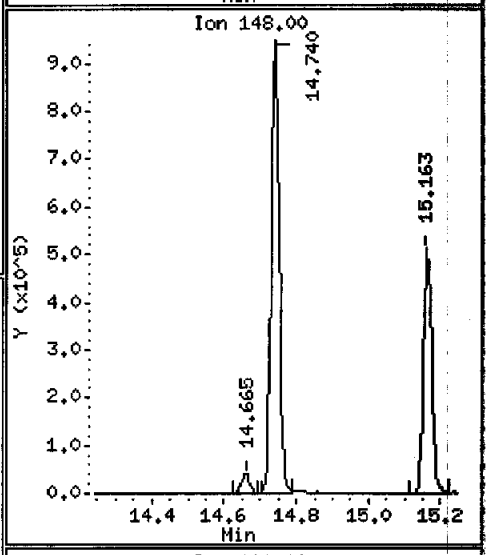
Column phase: RTX-502.2 Column diameter: 0.25

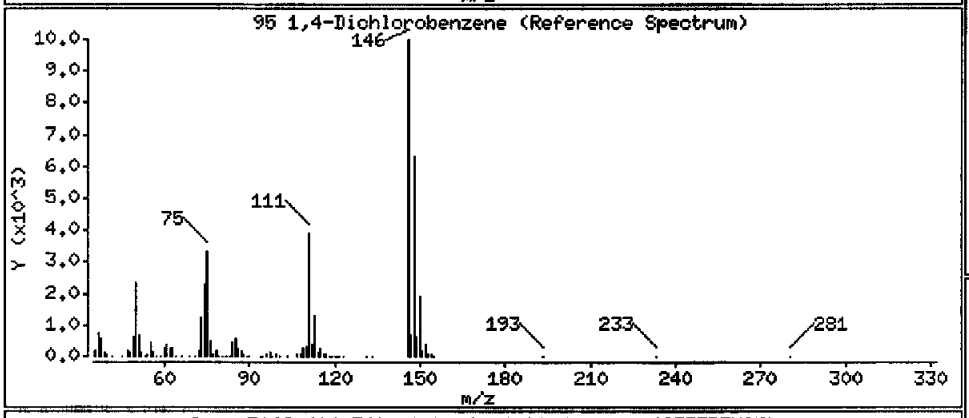
95 1,4-Dichlorobenzene Concentration: 43.01 ug/L

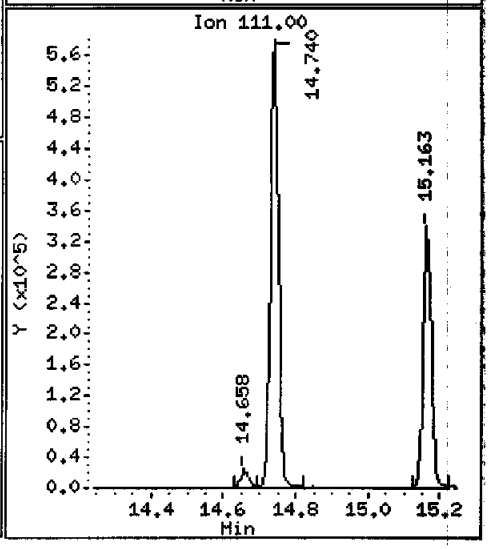


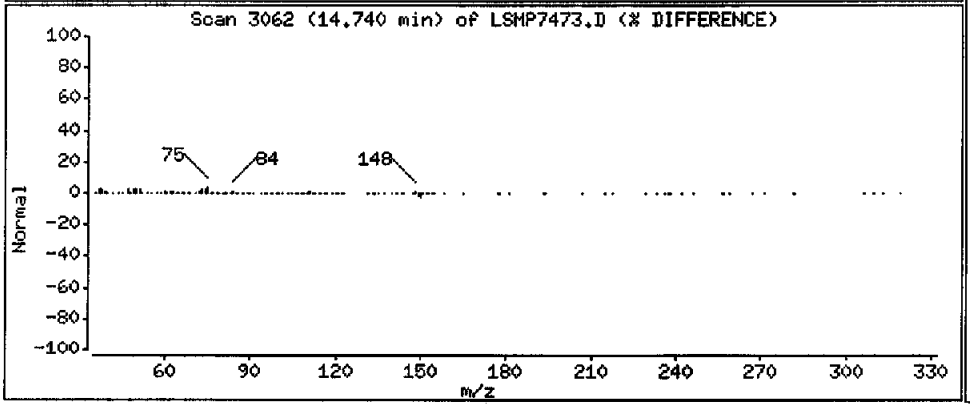












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D

Date : 24-DEC-2007 20:15

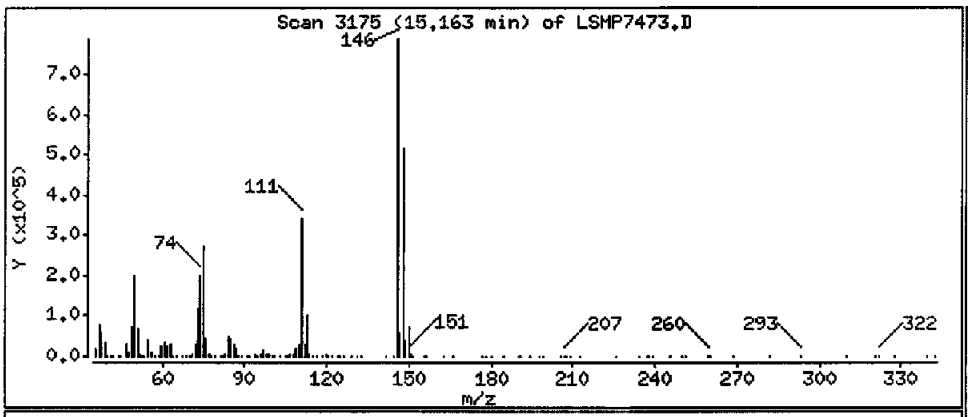
Client ID: AA-MW-16 Instrument: MSL.i

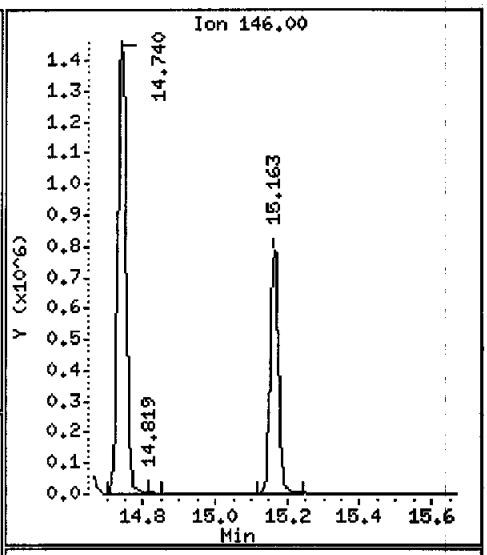
Sample Info: KEE9W2AA

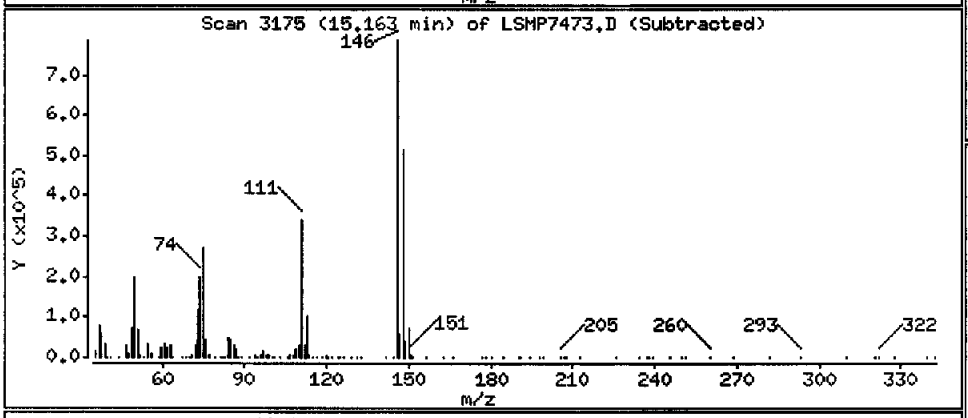
Purge Volume: 25.0 Operator: XIA

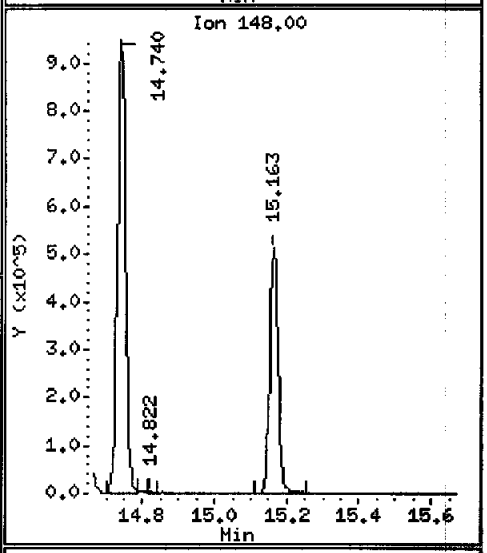
Column phase: RTX-502.2 Column diameter: 0.25

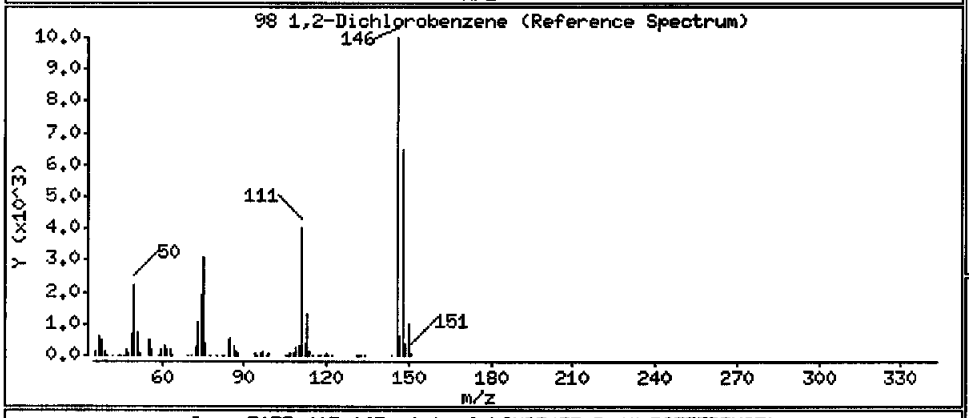
98 1,2-Dichlorobenzene Concentration: 31.88 ug/L

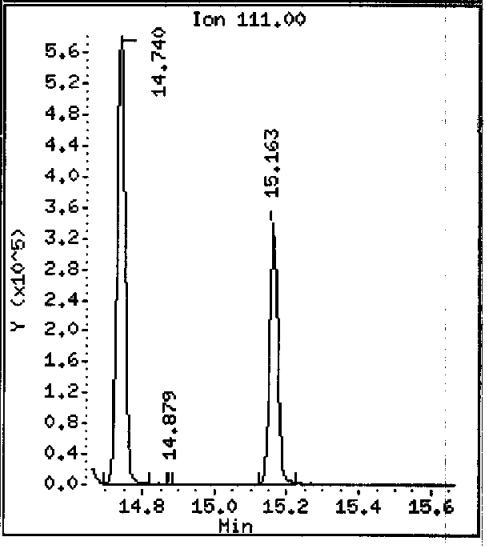


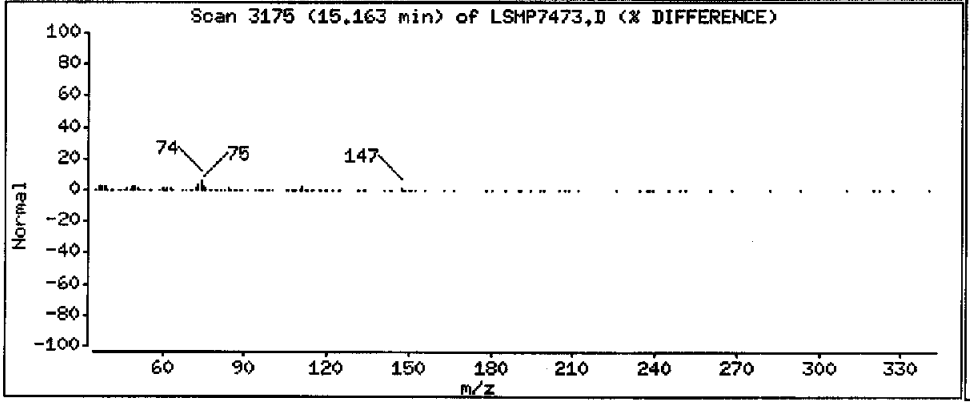






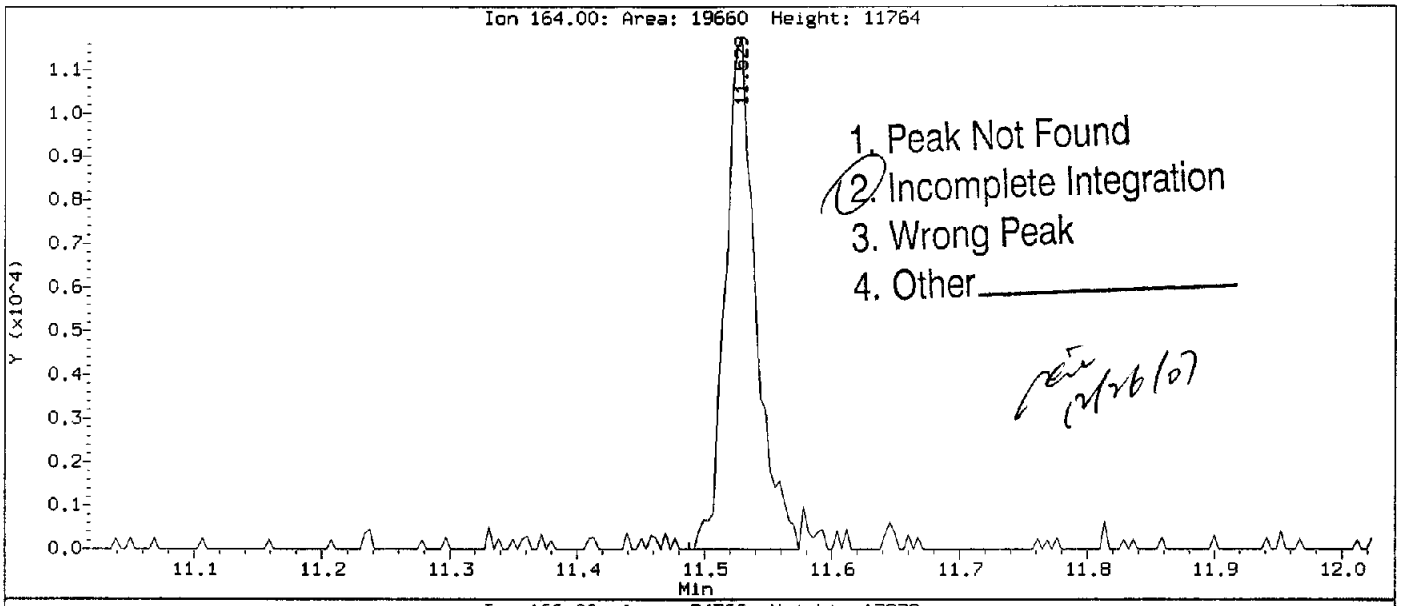


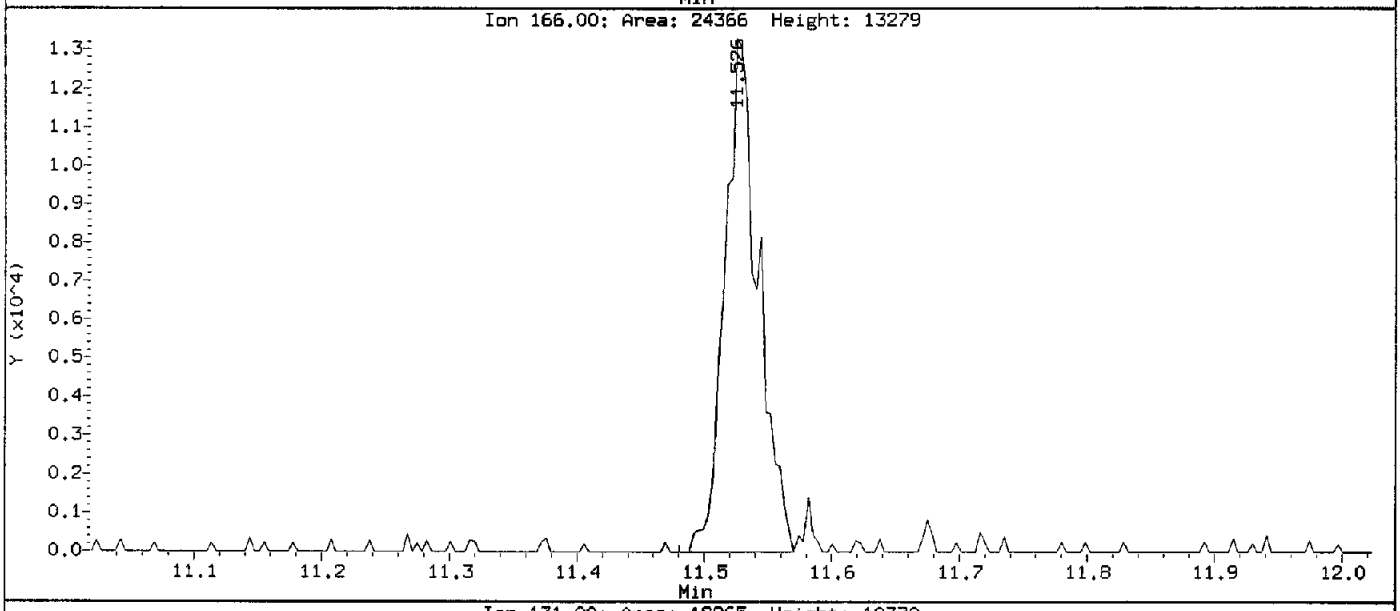


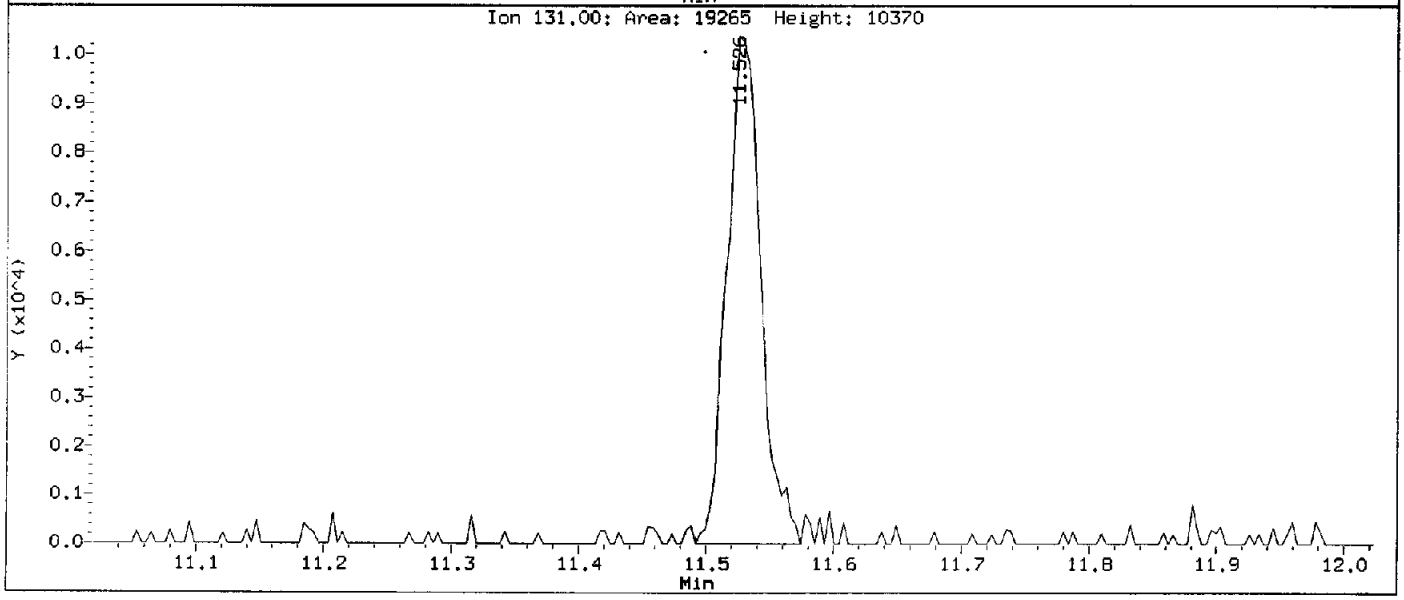


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D
Injection Date: 24-DEC-2007 20:15
Instrument: MSL.i
Client Sample ID: AA-MW-16

Compound: Tetrachloroethene
CAS Number: 127-18-4







Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D
Report Date: 26-Dec-2007 14:32

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D
Lab Smp Id: KEE9W2AA Client Smp ID: AA-MW-16
Inj Date : 24-DEC-2007 20:15
Operator : XIA Inst ID: MSL.i
Smp Info : KEE9W2AA
Misc Info : VBLKL358A;F7L190135-003;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 45 Fluorobenzene	9.669	2154855	10.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown			CAS #:				
4.808	282003	1.30868429	1.309	0		0	45

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7473.D

Date : 24-DEC-2007 20:15

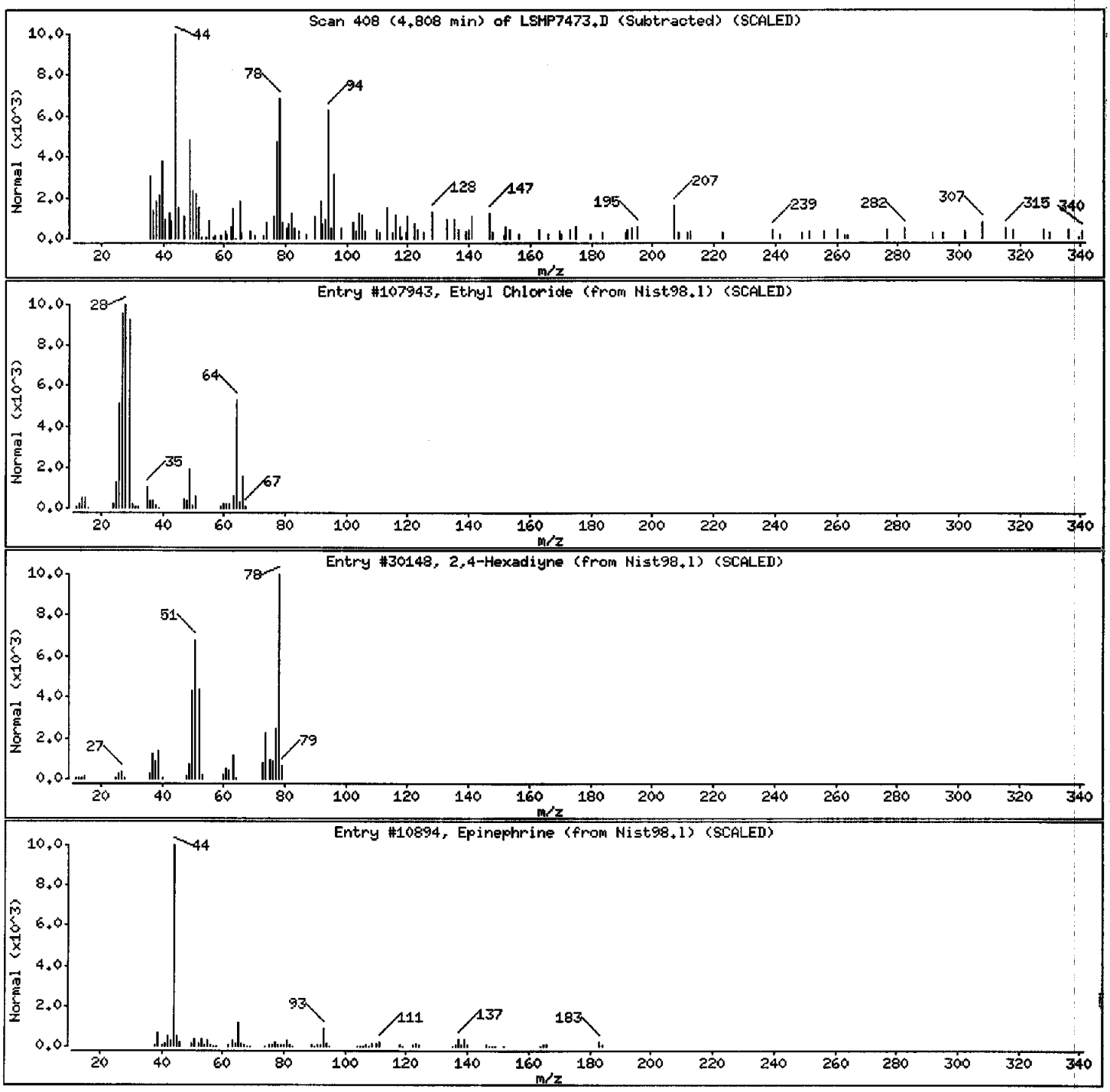
Client ID: AA-MW-16 Instrument: MSL.i

Sample Info: KEE9W2AA

Purge Volume: 25.0 Operator: XIA

Column phase: RTX-502.2 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Ethyl Chloride	75-00-3	Nist98.l	107943	25	C2H5Cl	64
2,4-Hexadiyne	2809-69-0	Nist98.l	30148	11	C6H6	78
Epinephrine	51-43-4	Nist98.l	10894	10	C9H13NO3	183



Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7441.D
Report Date: 27-Dec-2007 13:06

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7441.D
Lab Smp Id: KEE911AA Client Smp ID: M-7B
Inj Date : 21-DEC-2007 21:13
Operator : XIA Inst ID: MSL.i
Smp Info : KEE911AA
Misc Info : VBLKL355A;F7L190135-004;7358096;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Meth Date : 27-Dec-2007 12:26 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 1,1-Dichloroethane	63	7.876	7.873	(0.814)	108598	2.43912	2.439(M)
	31 Chloroform	83	8.711	8.707	(0.901)	295449	8.10296	8.103
$	36 Dibromofluoromethane	113	8.909	8.906	(0.921)	141708	10.8507	10.85
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	114402	11.1393	11.14
	44 1,2-Dichloroethane	62	9.519	9.512	(0.984)	28022	2.04773	2.048(M)
*	45 Fluorobenzene	96	9.673	9.673	(1.000)	880903	10.0000	
$	57 Toluene-d8	98	11.087	11.084	(0.884)	844153	10.4761	10.48
	62 Tetrachloroethene	164	11.536	11.521	(0.920)	3334	0.25264	0.2526(M)
*	70 Chlorobenzene-d5	117	12.535	12.528	(1.000)	538927	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	47818	0.82729	0.8273
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	189873	9.98096	9.981
*	94 1,4 Dichlorobenzene-d4	152	14.728	14.725	(1.000)	193592	10.0000	
	95 1,4-Dichlorobenzene	146	14.747	14.743	(1.001)	52122	1.48274	1.483
	98 1,2-Dichlorobenzene	146	15.181	15.166	(1.031)	27369	1.03778	1.038

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7441.D
Report Date: 27-Dec-2007 13:06

STL St. Louis

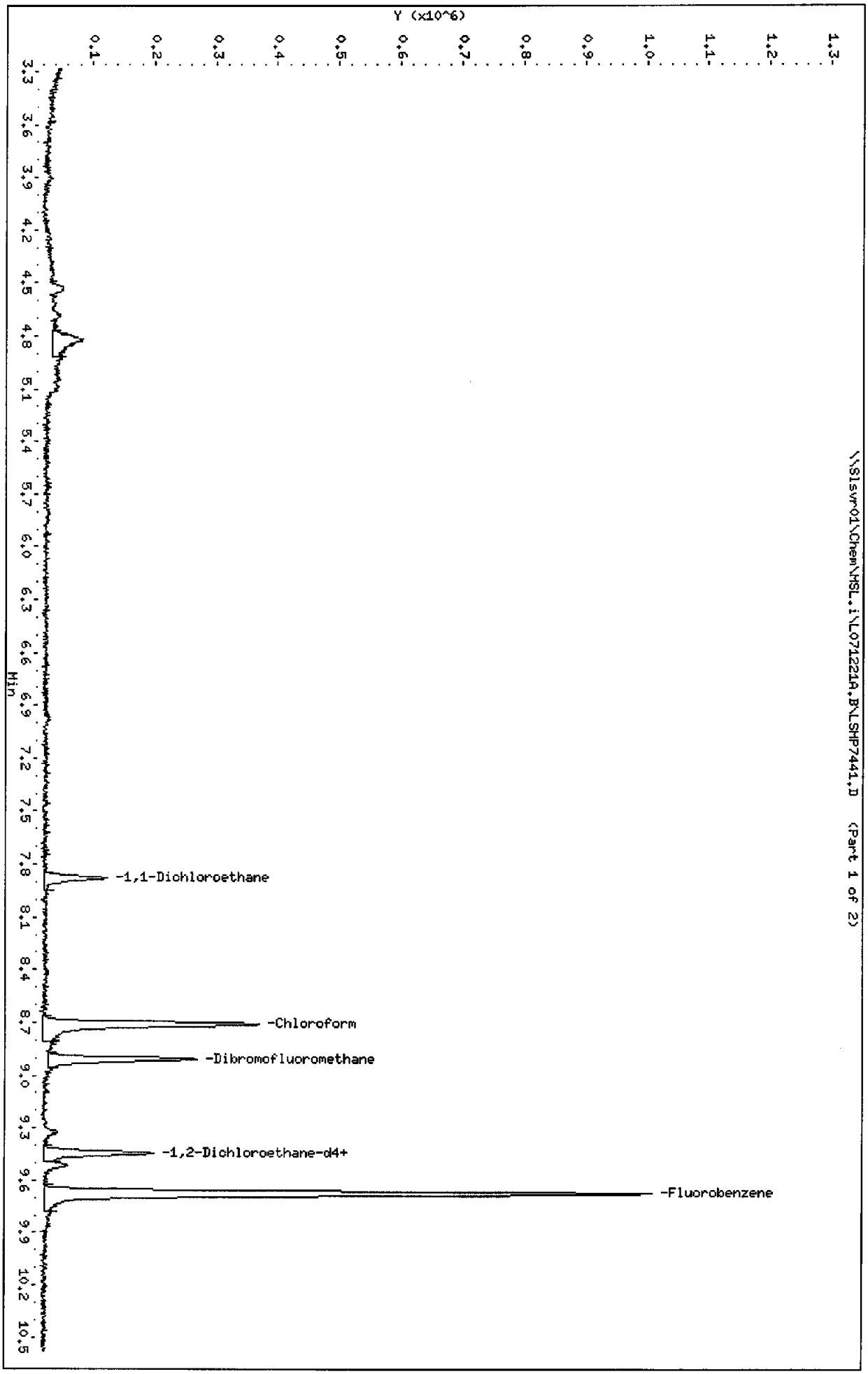
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

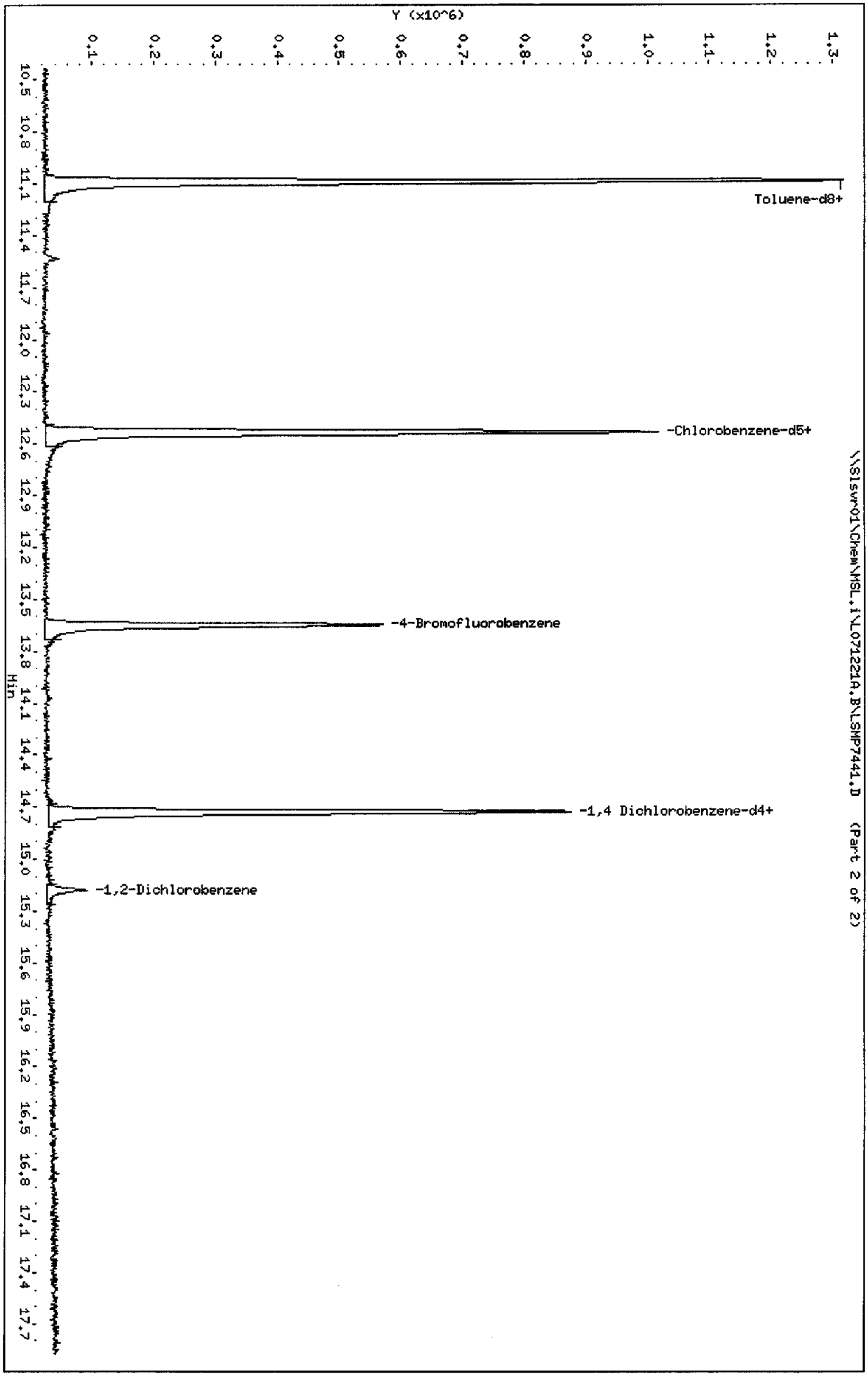
Instrument ID: MSL.i
Lab File ID: LSMP7441.D
Lab Smp Id: KEE911AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 21-DEC-2007
Calibration Time: 13:05
Client Smp ID: M-7B
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Misc Info: VBLKL355A;F7L190135-004;7358096;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1399217	699609	2798434	880903	-37.04
70 Chlorobenzene-d5	802936	401468	1605872	538927	-32.88
94 1,4 Dichlorobenze	308619	154310	617238	193592	-37.27

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.54	0.06
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSHP7441.D
Date : 21-DEC-2007 21:13
Client ID: M-7B
Sample Info: KEE911AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
\\Slsvr01\Chem\MSL.i\L071221A.B\LSHP7441.D (Part 1 of 2)
-1,1-Dichloroethane
-Chloroform
-Dibromofluoromethane
-1,2-Dichloroethane-d4+
-Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSHP7441.D
Date : 21-DEC-2007 21:13
Client ID: H-7B
Sample Info: KEE914AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8+
-Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4+
-1,2-Dichlorobenzene
\\Slsvr01\Chem\MSL.i\L071221A.B\LSHP7441.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7441.D

Date : 21-DEC-2007 21:13

Client ID: M-7B

Instrument: MSL.i

Sample Info: KEE911AA

Purge Volume: 25.0

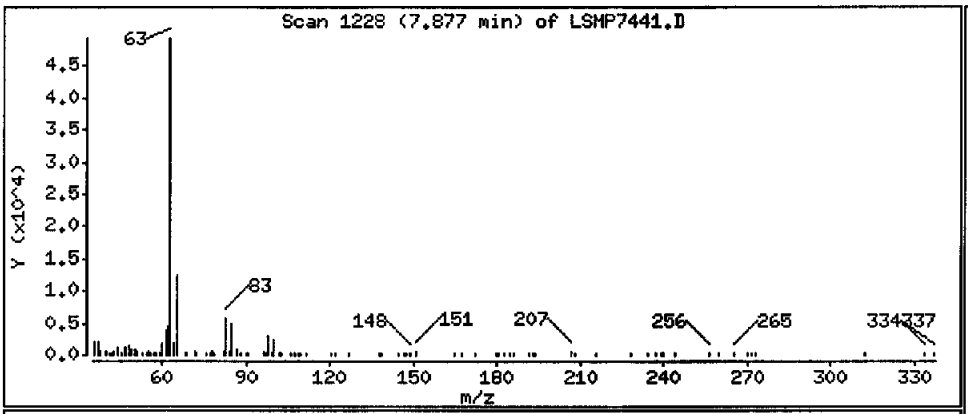
Operator: XIA

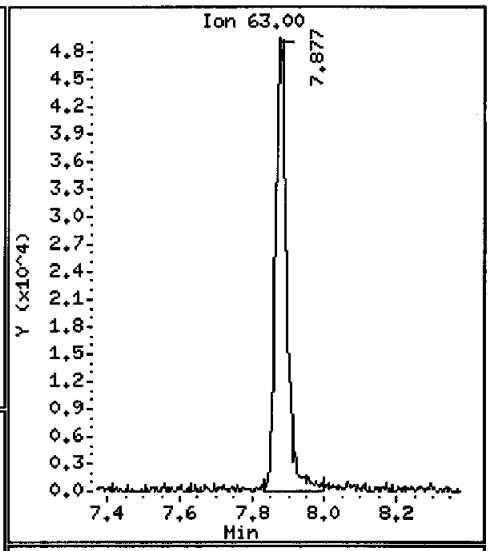
Column phase: RTX-502.2

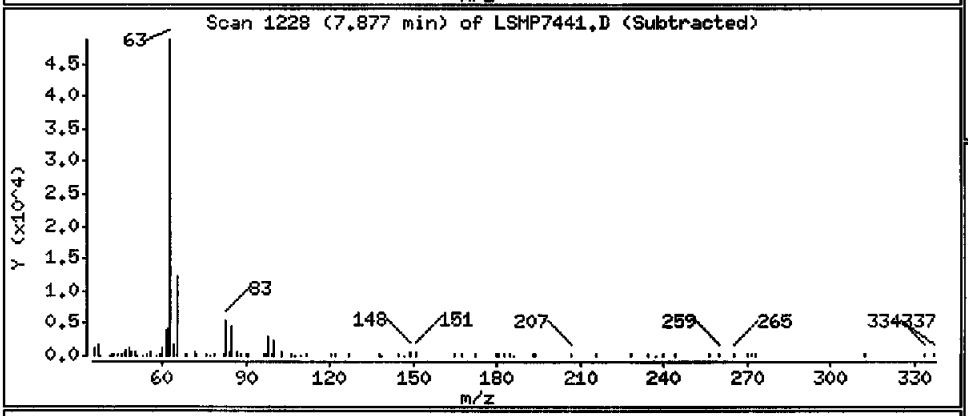
Column diameter: 0.25

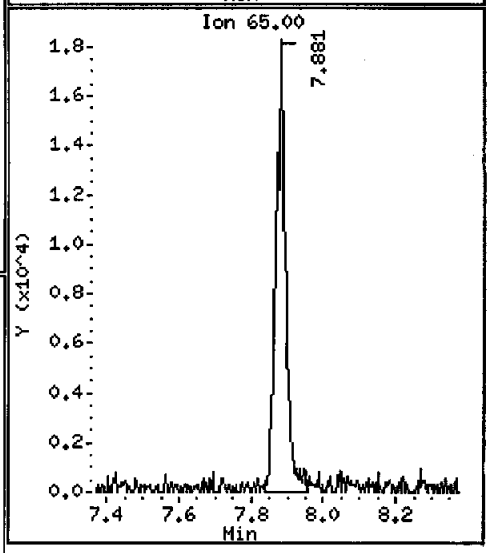
24 1,1-Dichloroethane

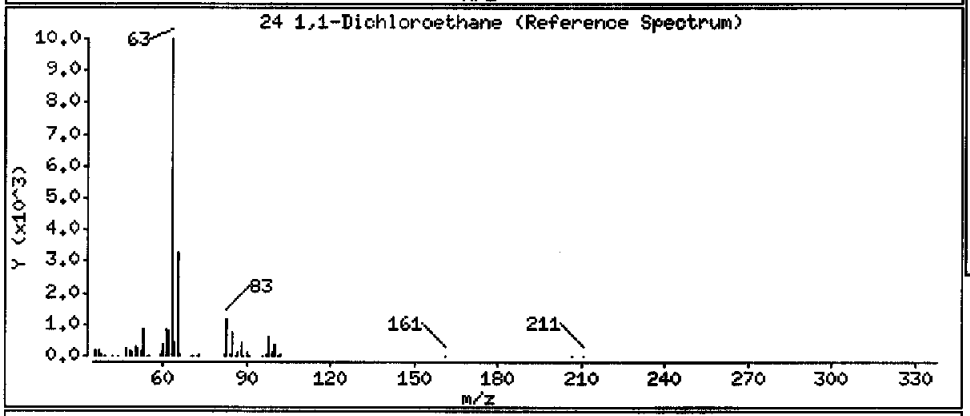
Concentration: 2.439 ug/L

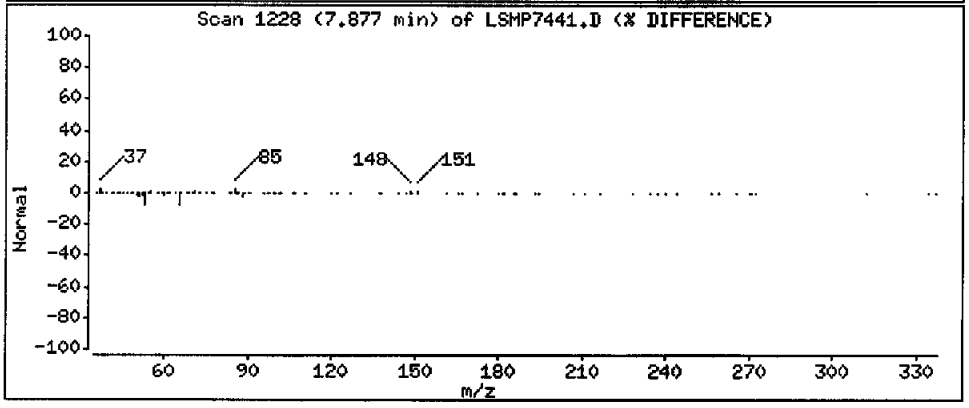












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7441.D

Date : 21-DEC-2007 21:13

Client ID: M-7B

Instrument: MSL.i

Sample Info: KEE911AA

Purge Volume: 25.0

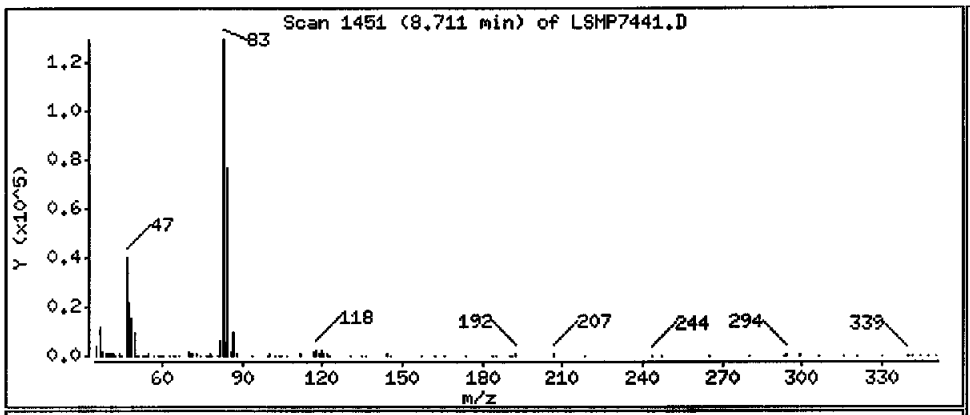
Operator: XIA

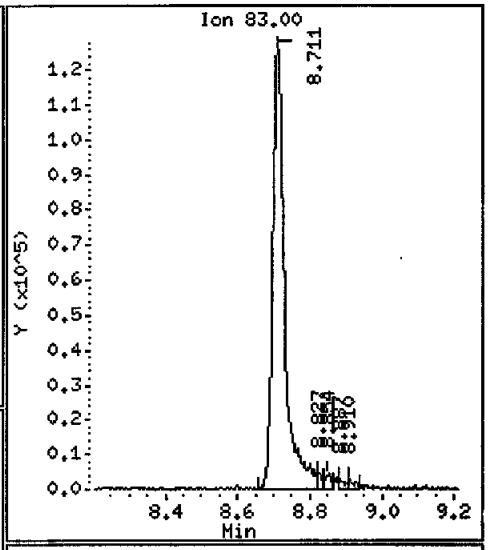
Column phase: RTX-502.2

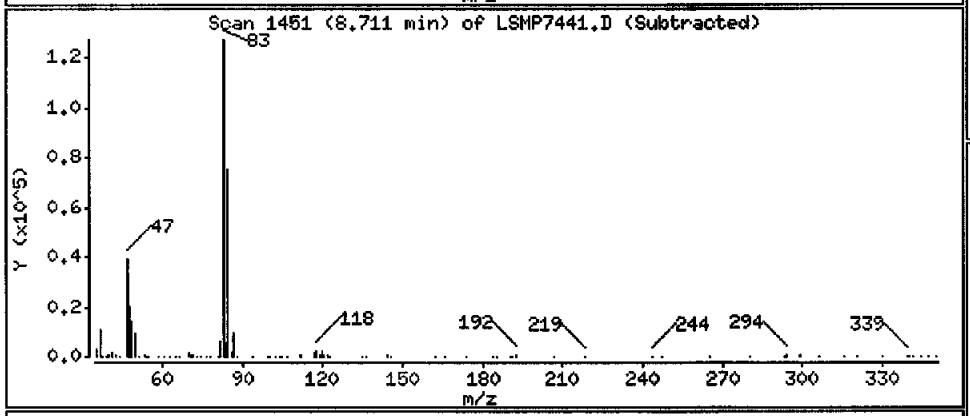
Column diameter: 0.25

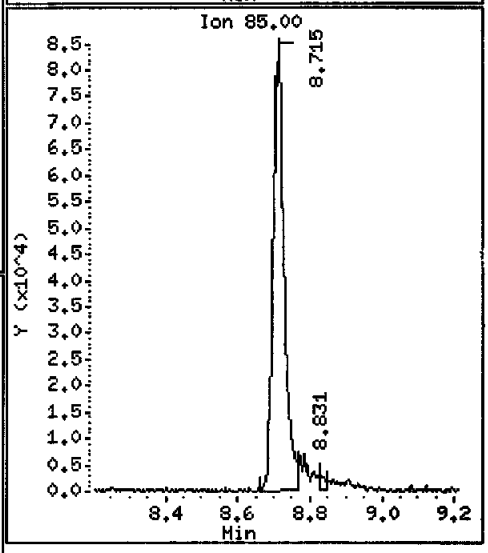
31 Chloroform

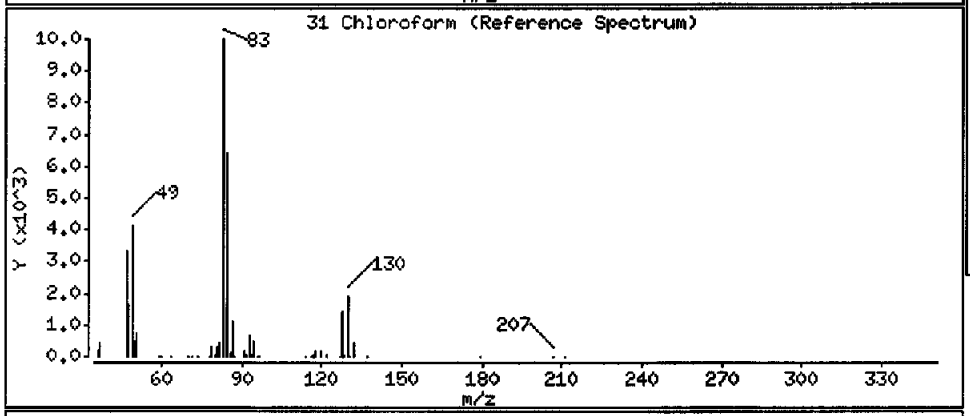
Concentration: 8.103 ug/L

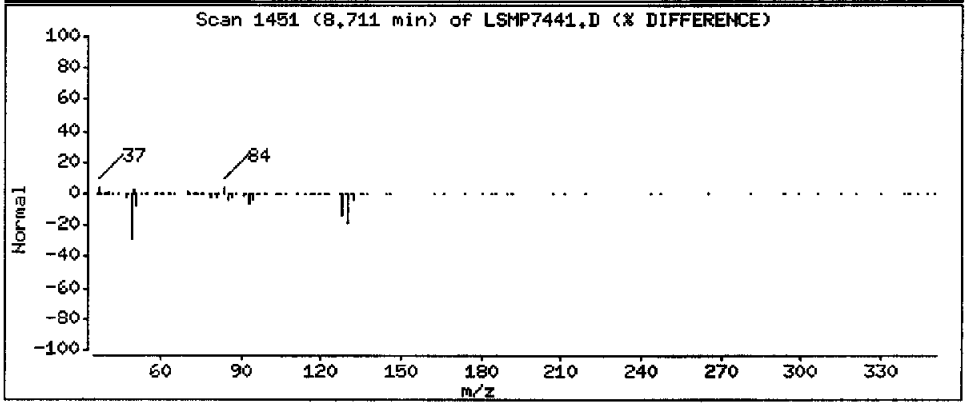












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7441.D

Date : 21-DEC-2007 21:13

Client ID: M-7B

Instrument: MSL.i

Sample Info: KEE911AA

Purge Volume: 25.0

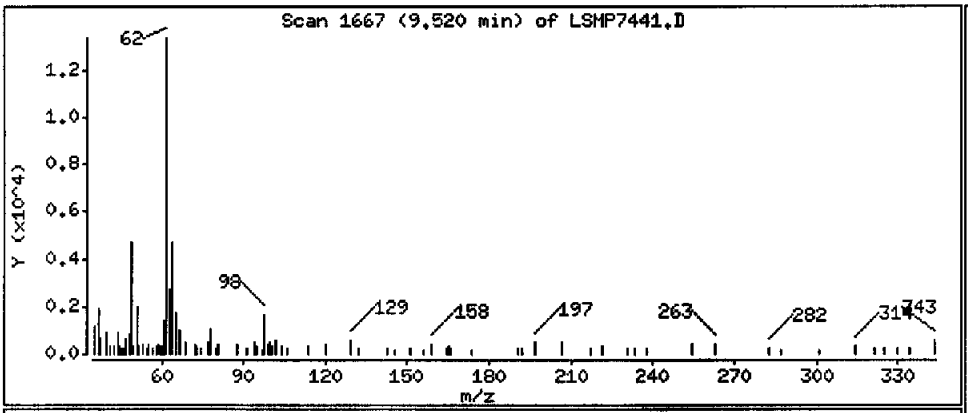
Operator: XIA

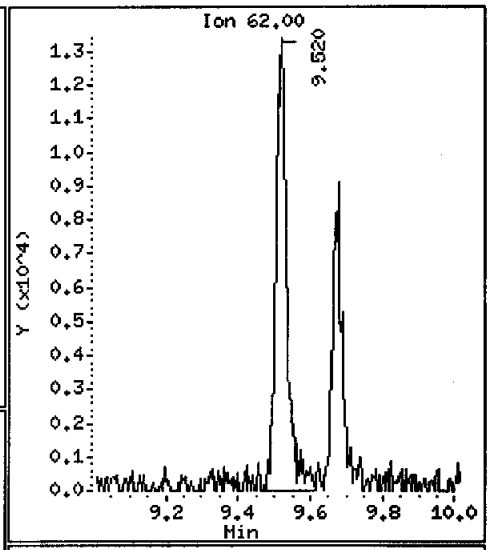
Column phase: RTX-502.2

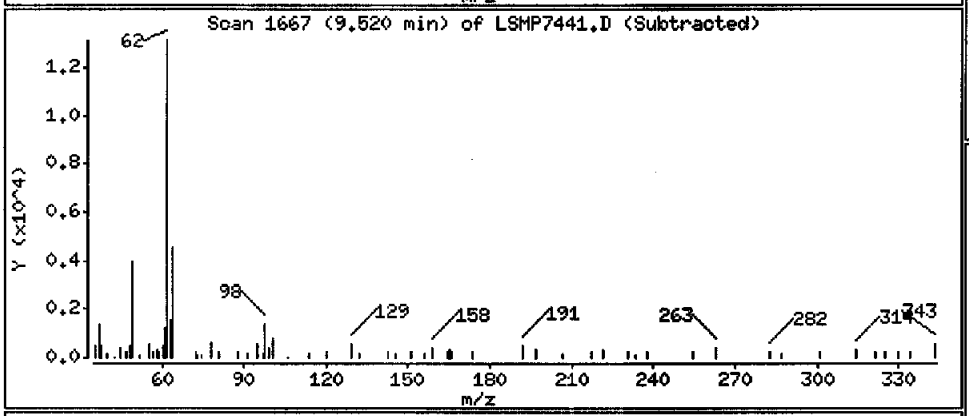
Column diameter: 0.25

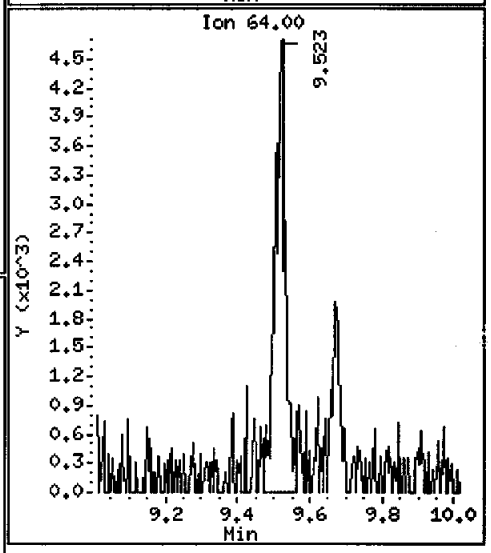
44 1,2-Dichloroethane

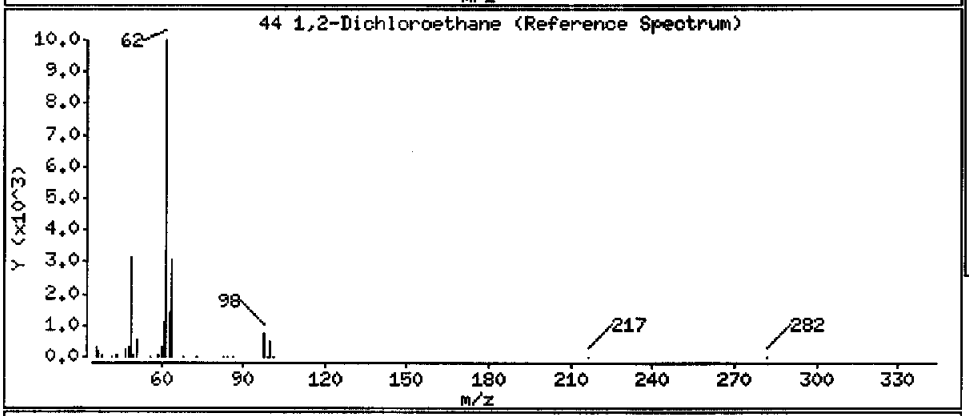
Concentration: 2.048 ug/L

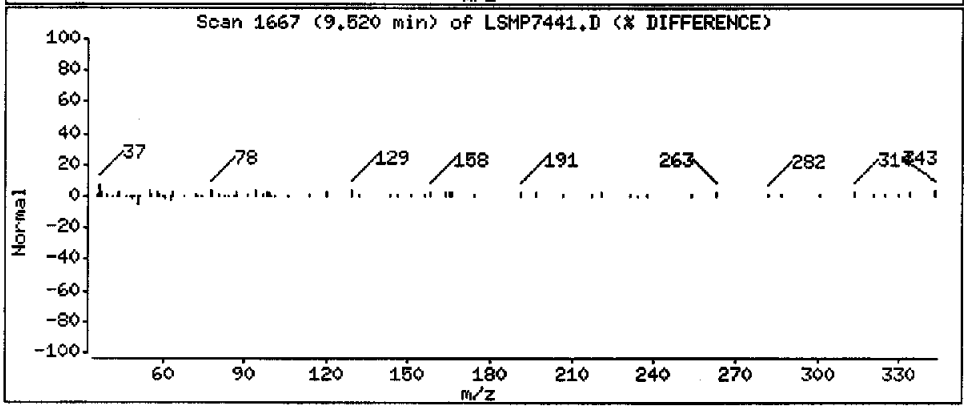












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7441.D

Date : 21-DEC-2007 21:13

Client ID: M-7B

Instrument: MSL.i

Sample Info: KEE911AA

Purge Volume: 25.0

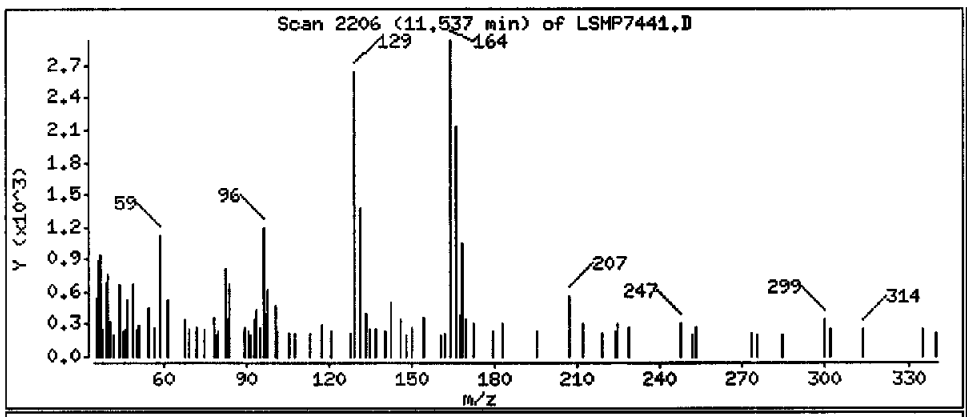
Operator: XIA

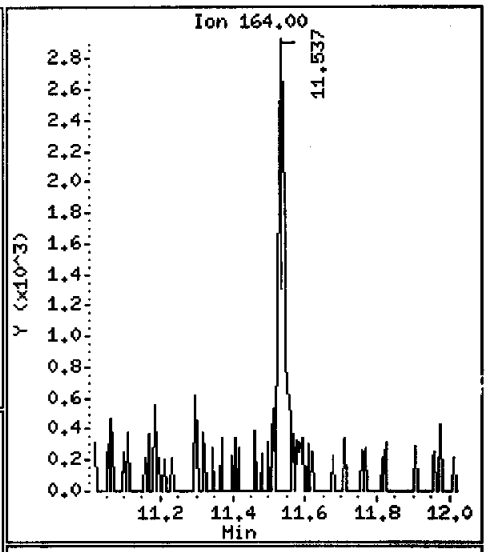
Column phase: RTX-502.2

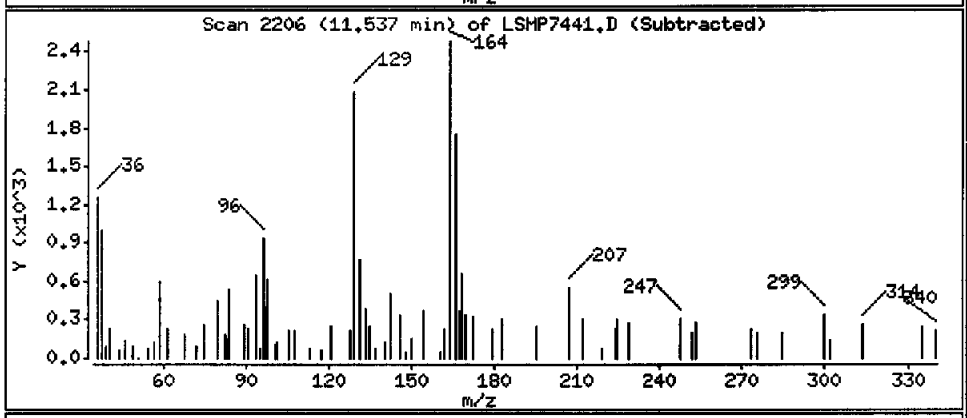
Column diameter: 0.25

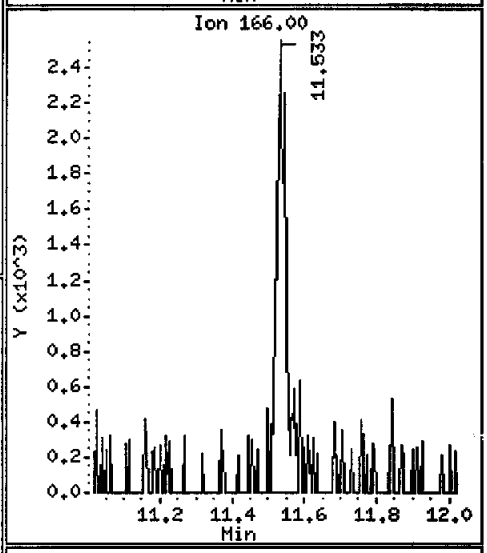
62 Tetrachloroethene

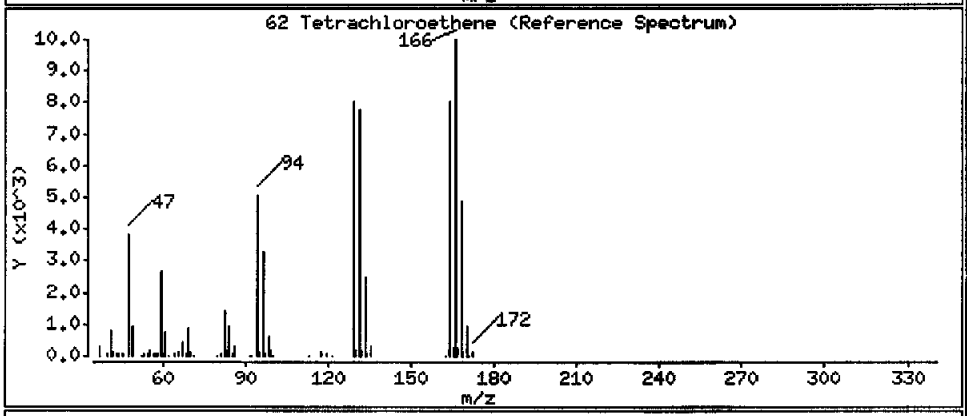
Concentration: 0.2526 ug/L

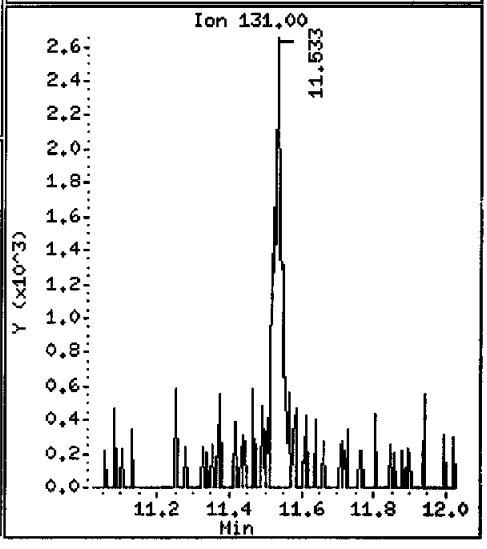


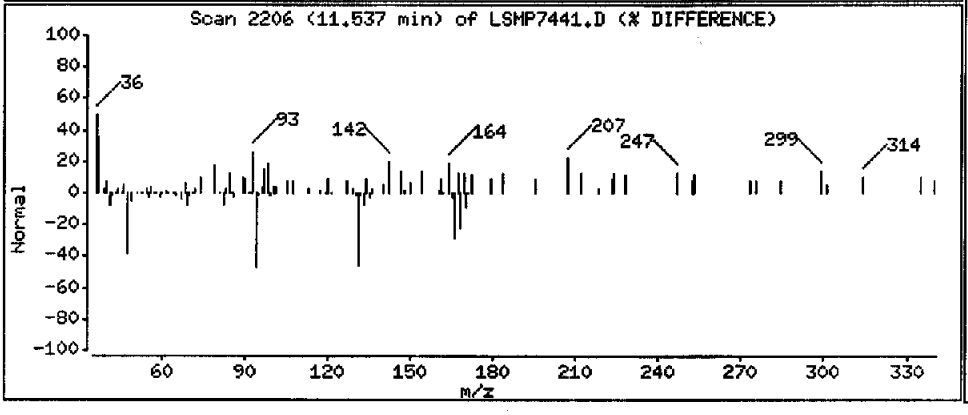












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7441.D

Date : 21-DEC-2007 21:13

Client ID: M-7B

Instrument: MSL.i

Sample Info: KEE911AA

Purge Volume: 25.0

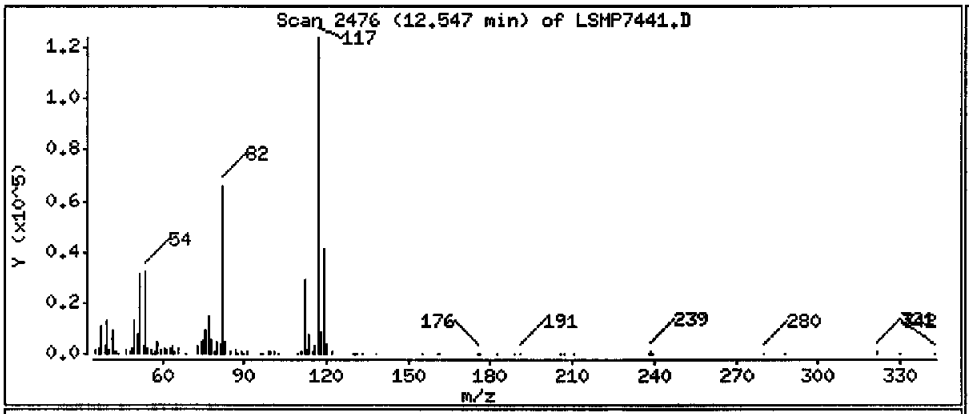
Operator: XIA

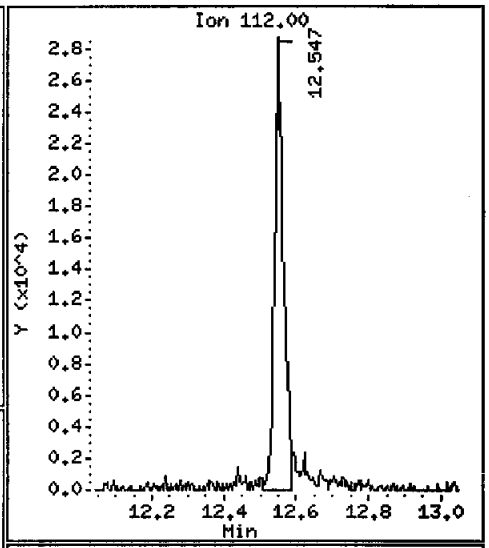
Column phase: RTX-502.2

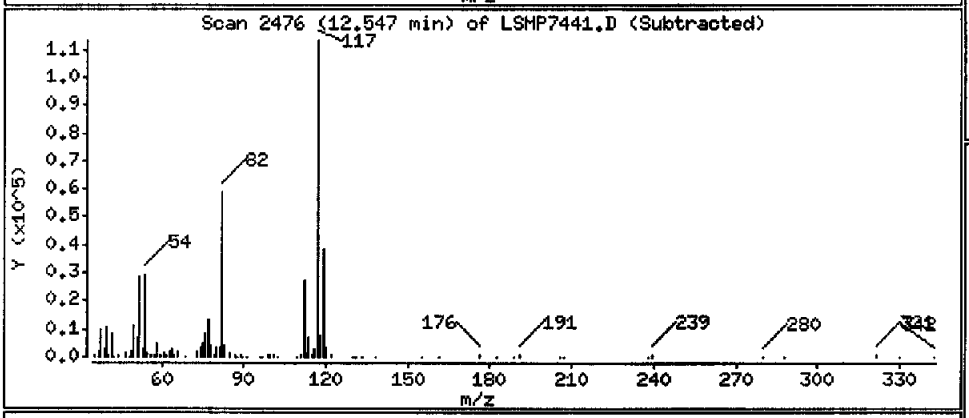
Column diameter: 0.25

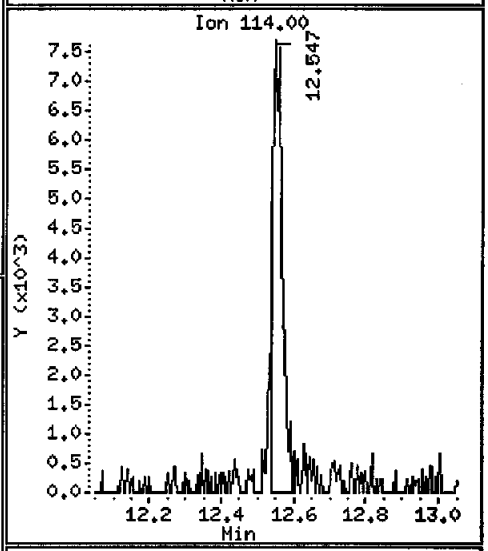
71 Chlorobenzene

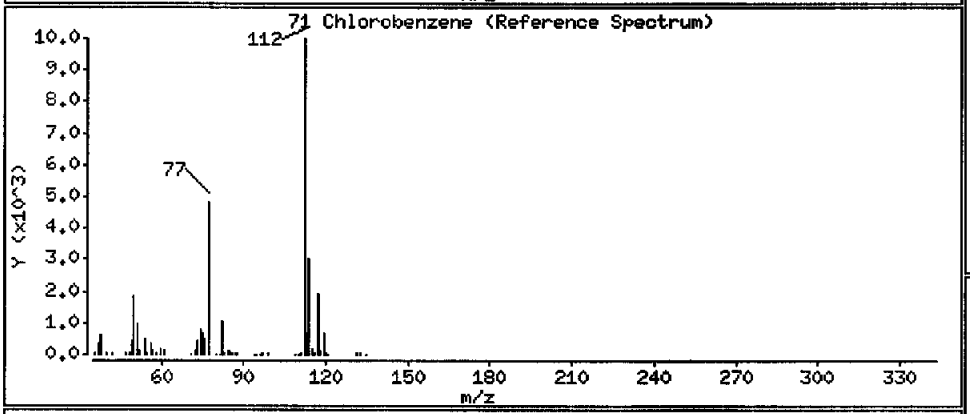
Concentration: 0.8273 ug/L

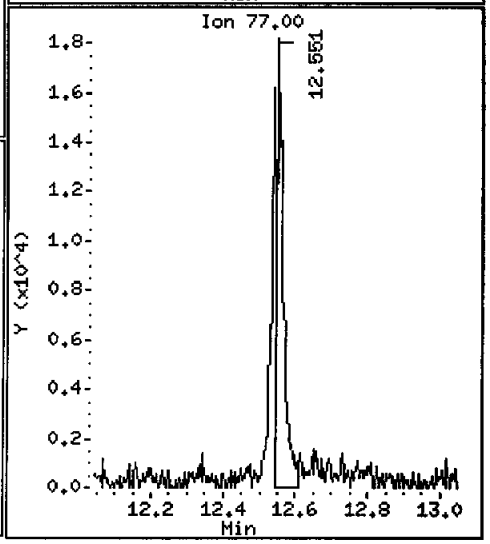


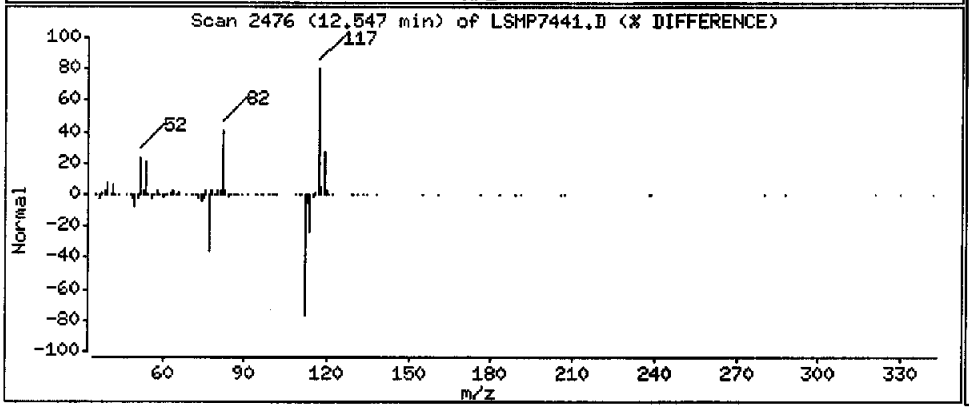












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7441.D

Date : 21-DEC-2007 21:13

Client ID: M-7B

Instrument: MSL.i

Sample Info: KEE911AA

Purge Volume: 25.0

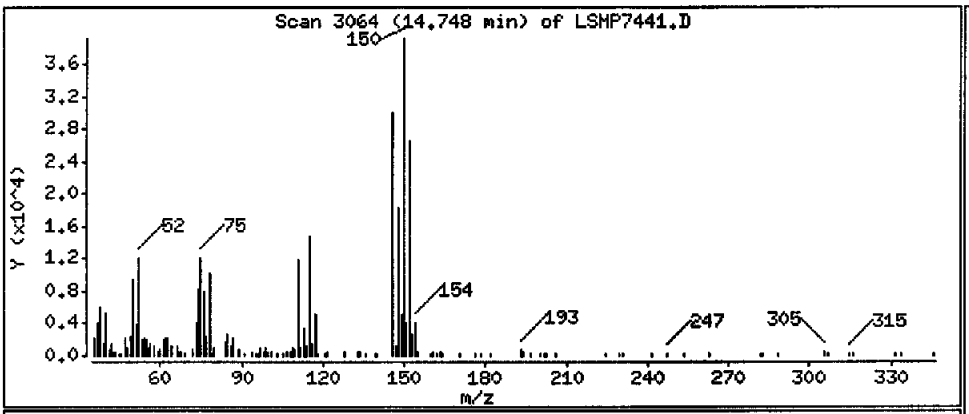
Operator: XIA

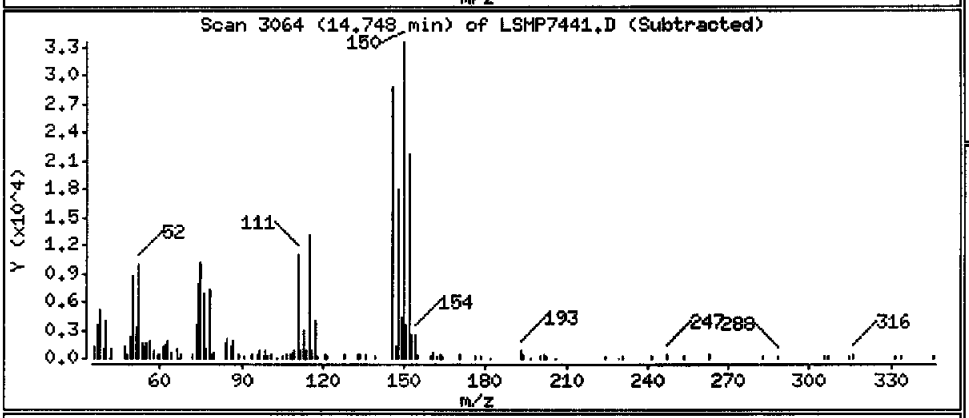
Column phase: RTX-502.2

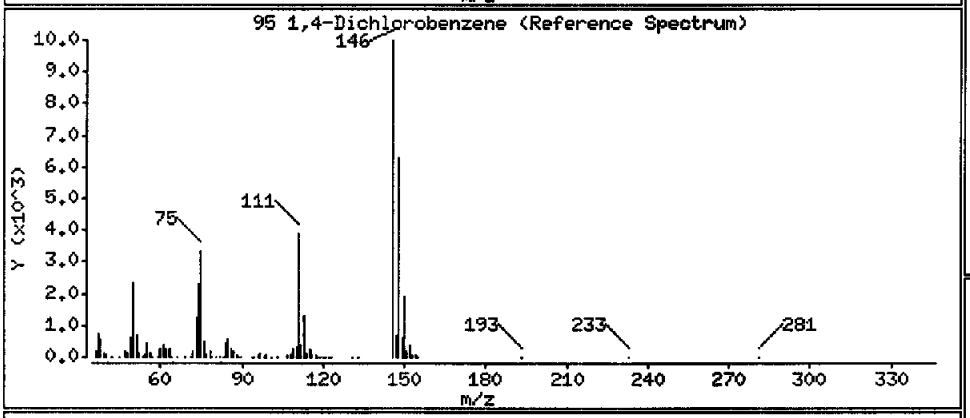
Column diameter: 0.25

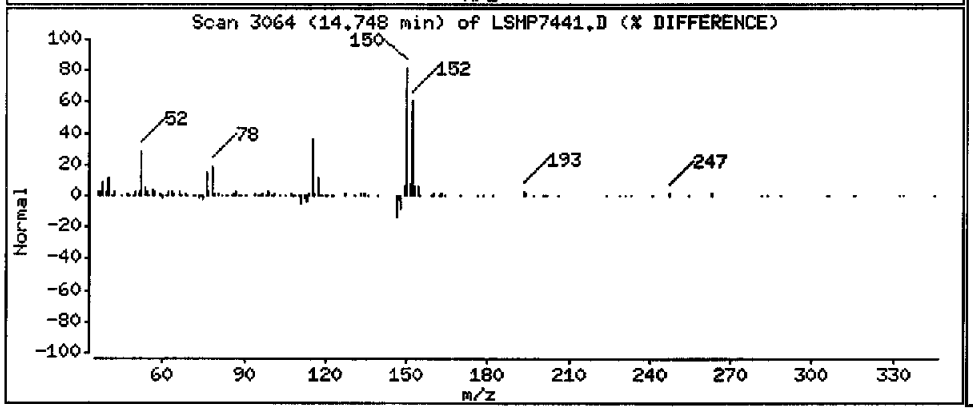
95 1,4-Dichlorobenzene

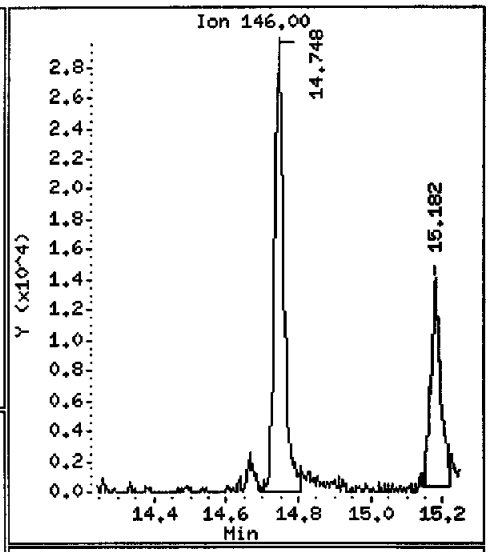
Concentration: 1.483 ug/L

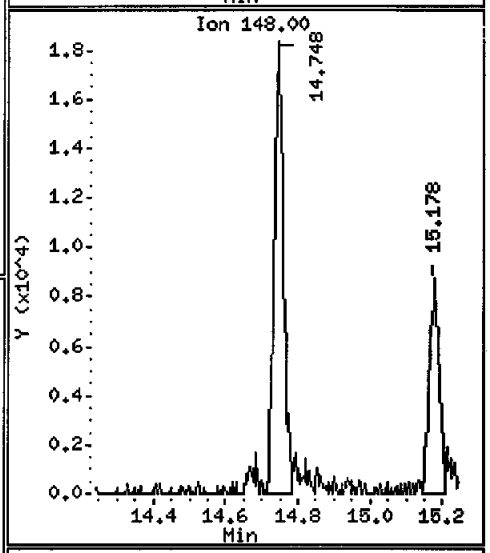


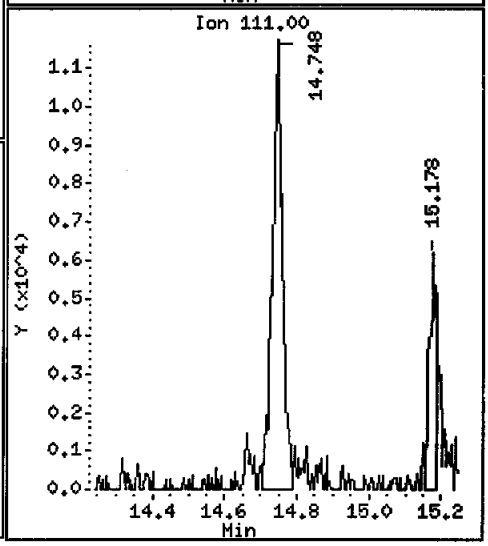












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7441.D

Date : 21-DEC-2007 21:13

Client ID: M-7B

Instrument: MSL.i

Sample Info: KEE911AA

Purge Volume: 25.0

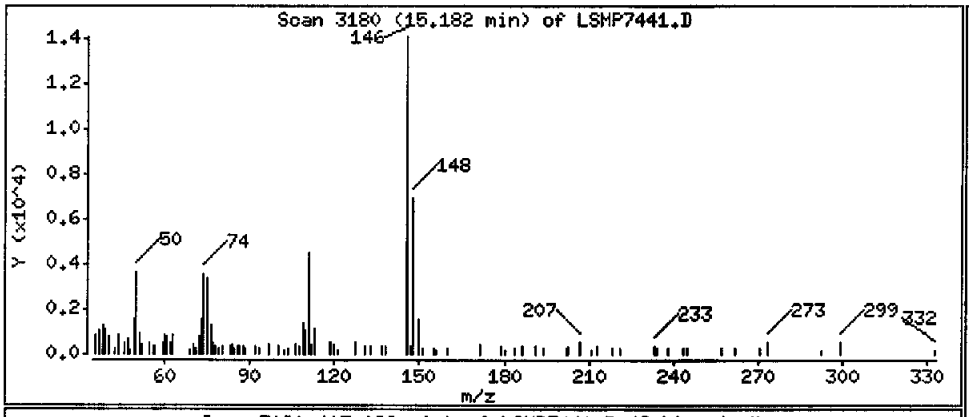
Operator: XIA

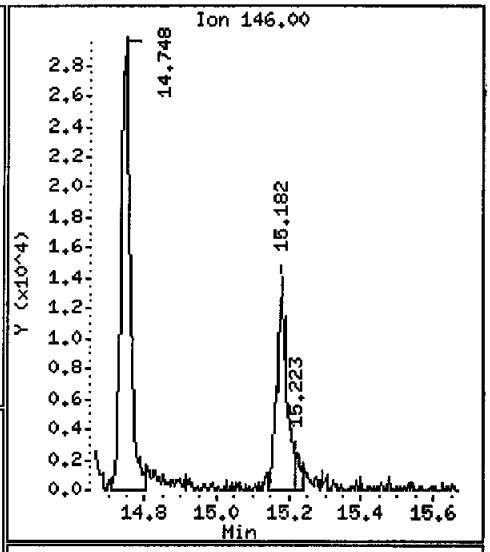
Column phase: RTX-502.2

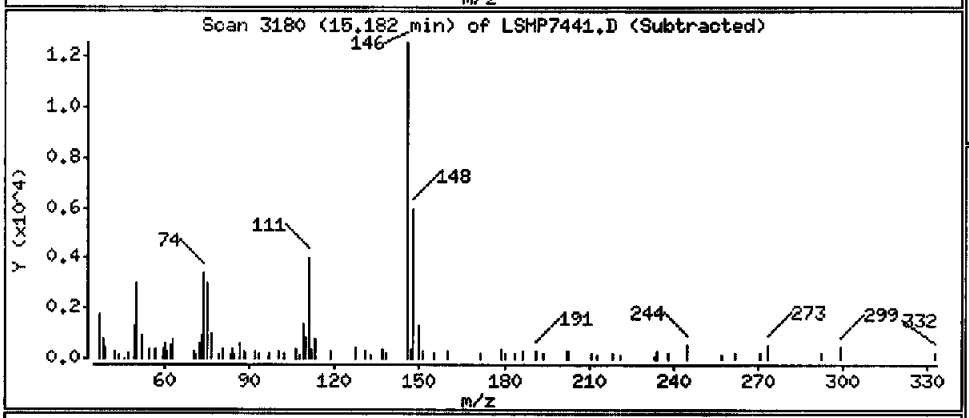
Column diameter: 0.25

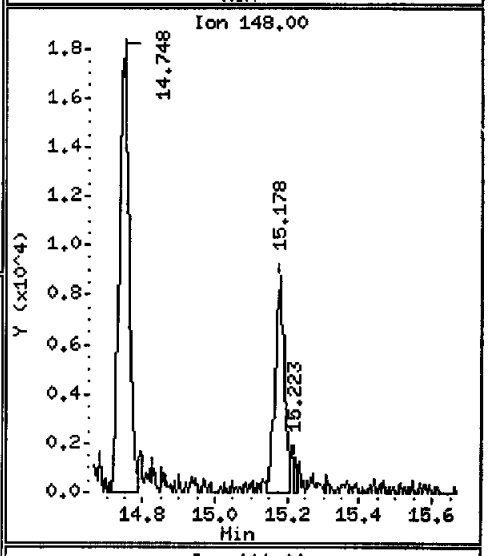
98 1,2-Dichlorobenzene

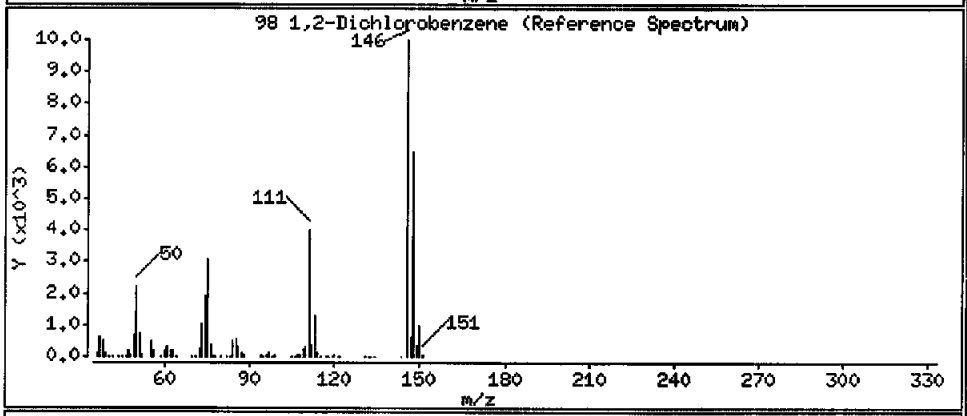
Concentration: 1.038 ug/L

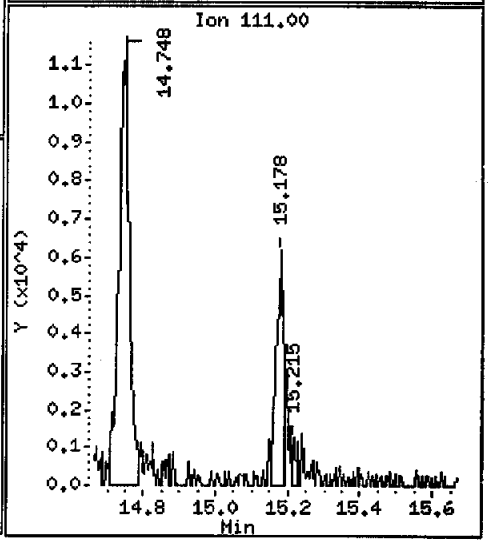


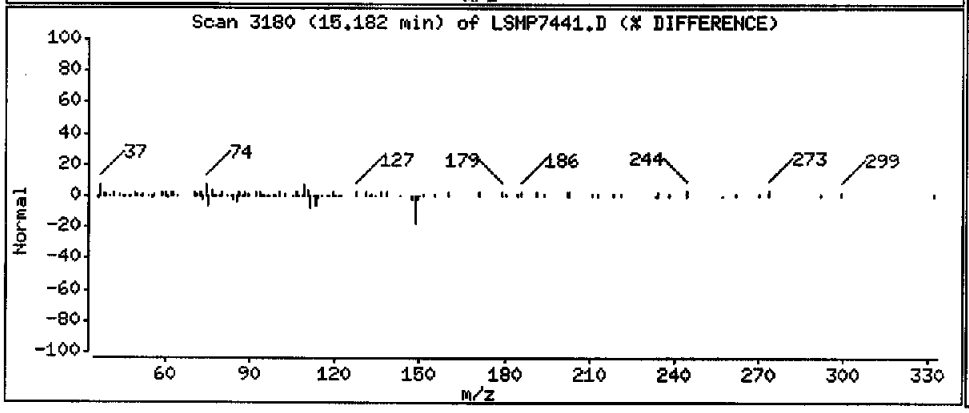






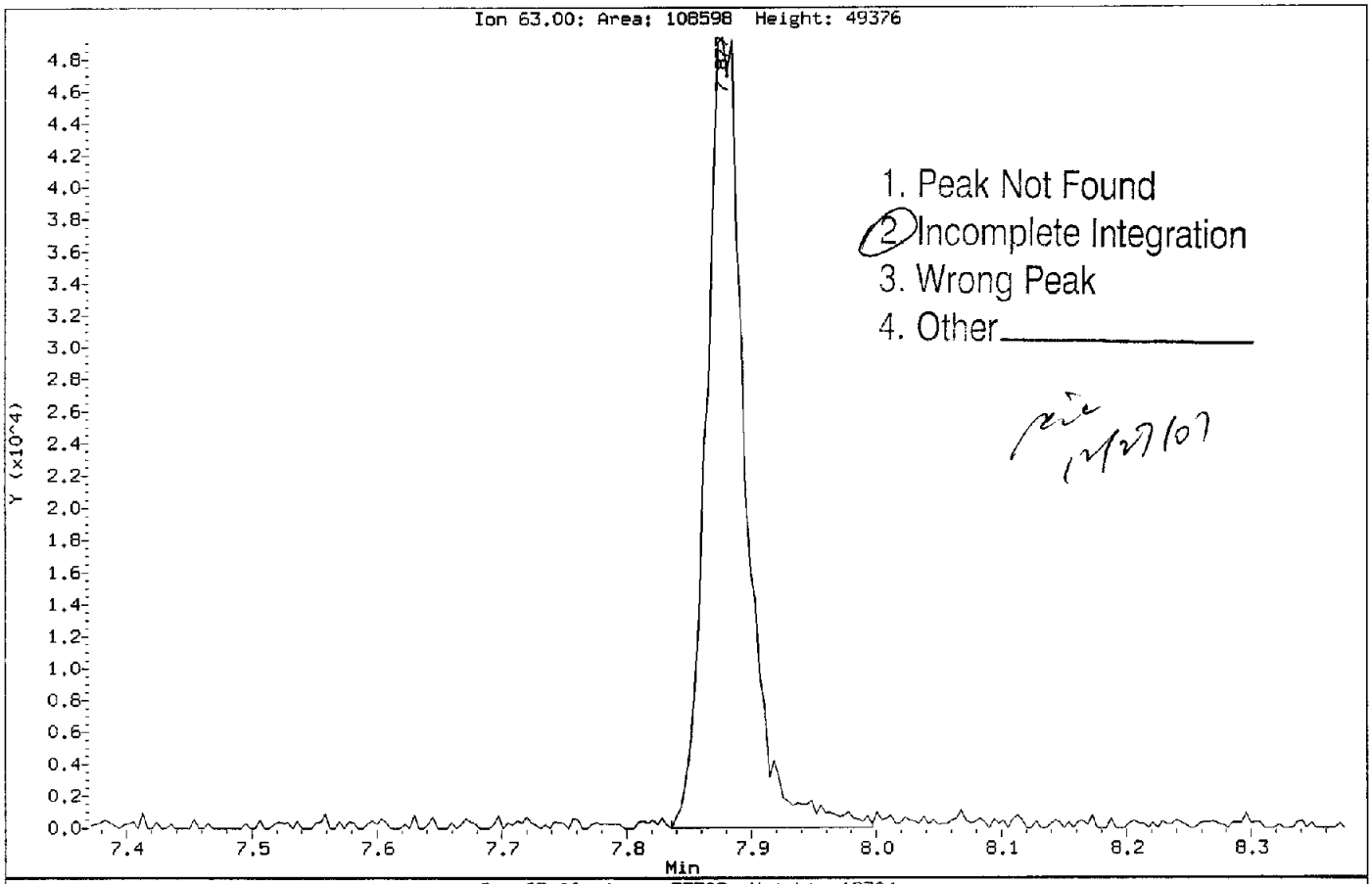


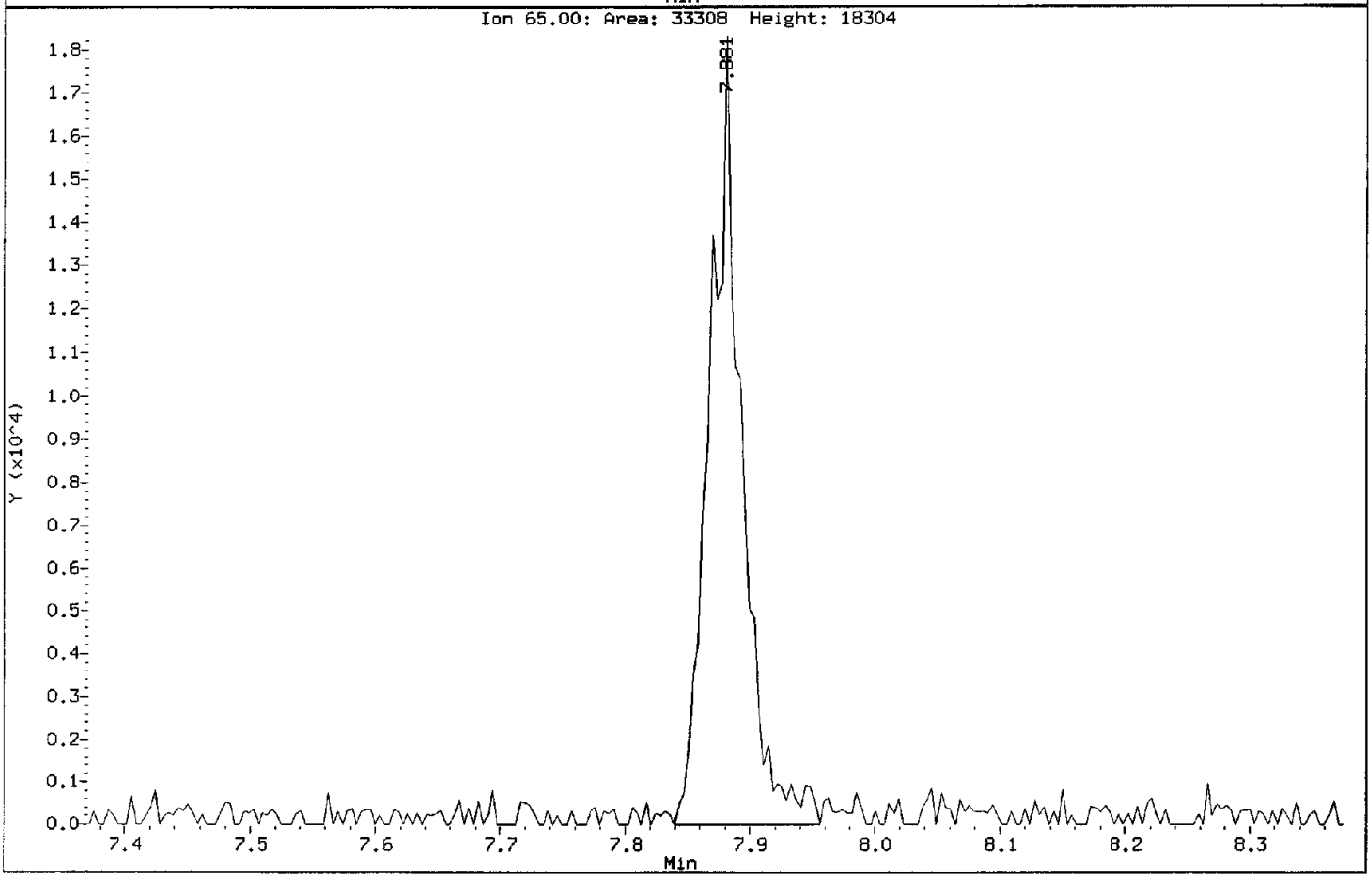




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7441.D
Injection Date: 21-DEC-2007 21:13
Instrument: MSL.i
Client Sample ID: M-7B

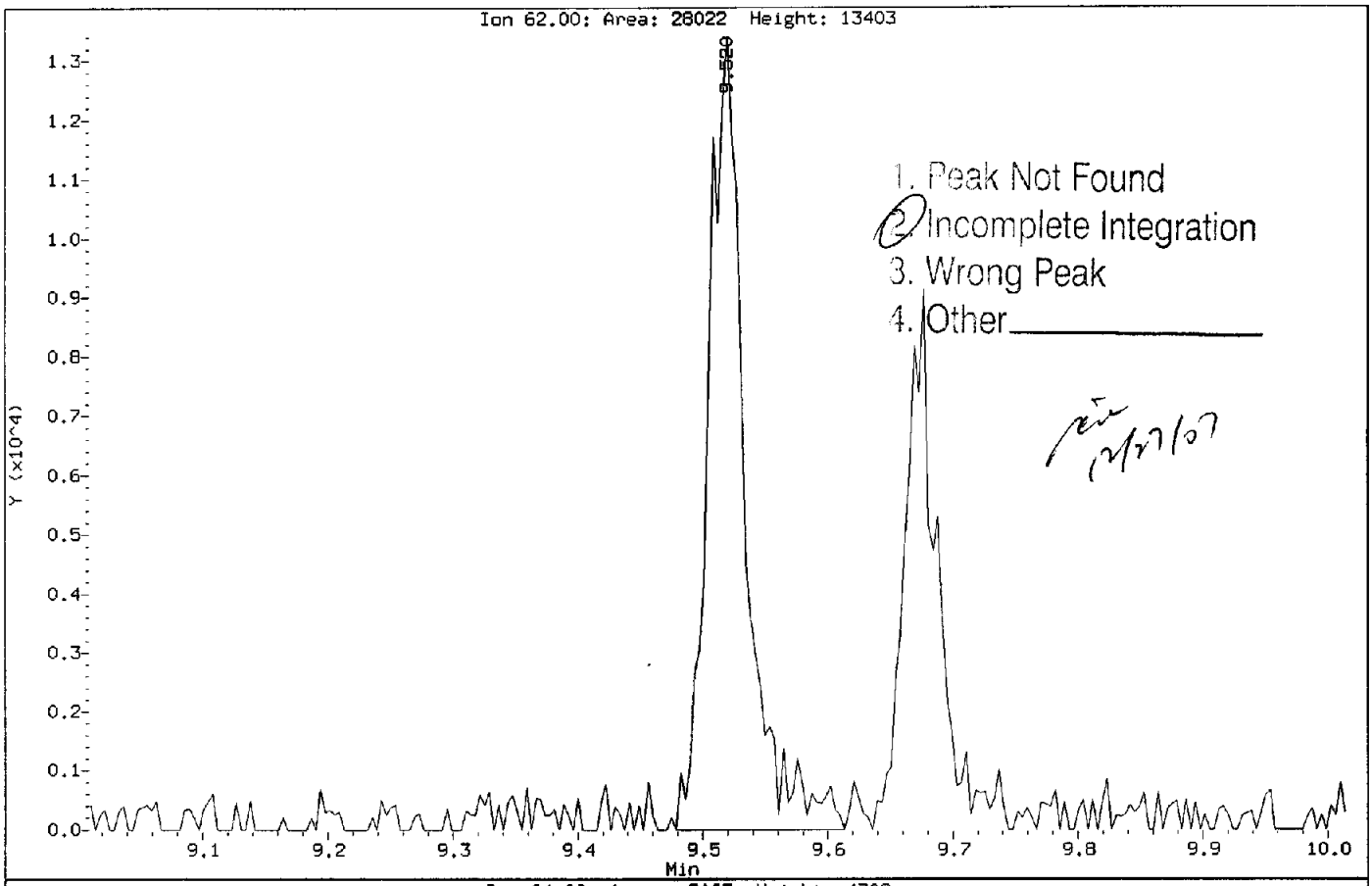
Compound: 1,1-Dichloroethane
CAS Number: 75-34-3

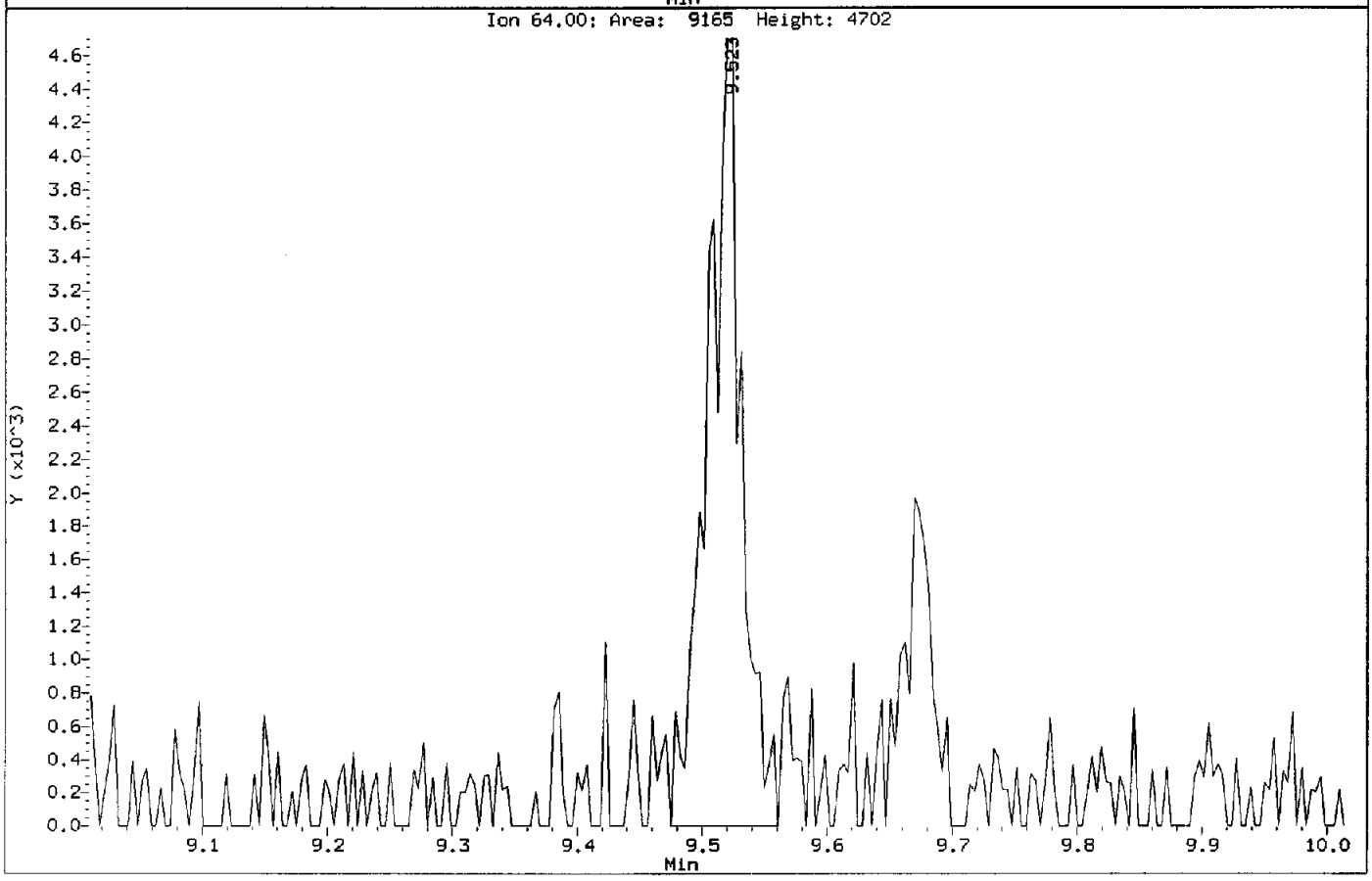




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7441.D
Injection Date: 21-DEC-2007 21:13
Instrument: MSL.i
Client Sample ID: M-7B

Compound: 1.2-Dichloroethane
CAS Number: 107-06-2





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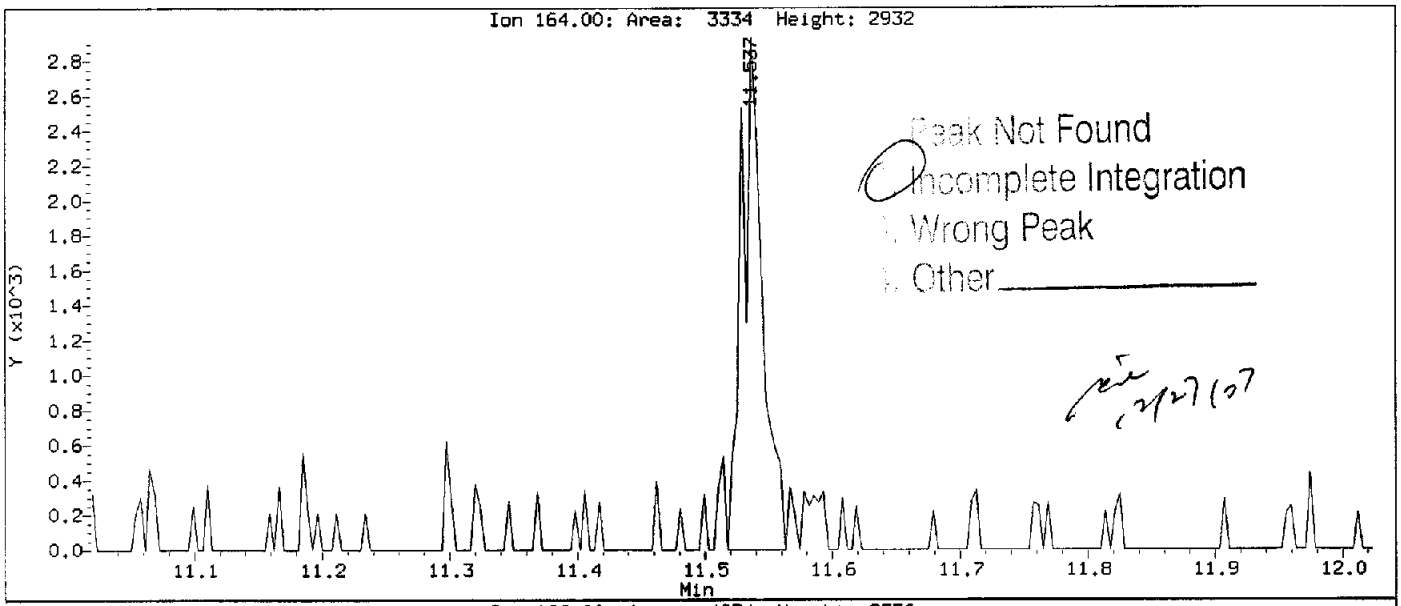
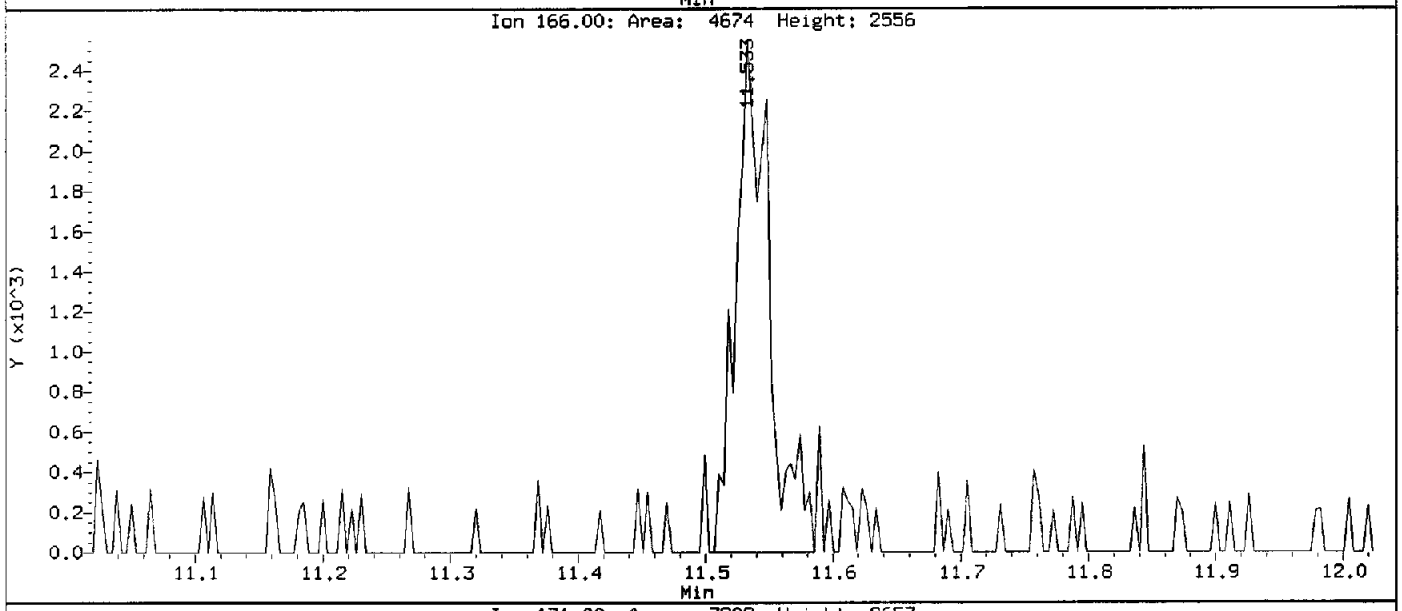
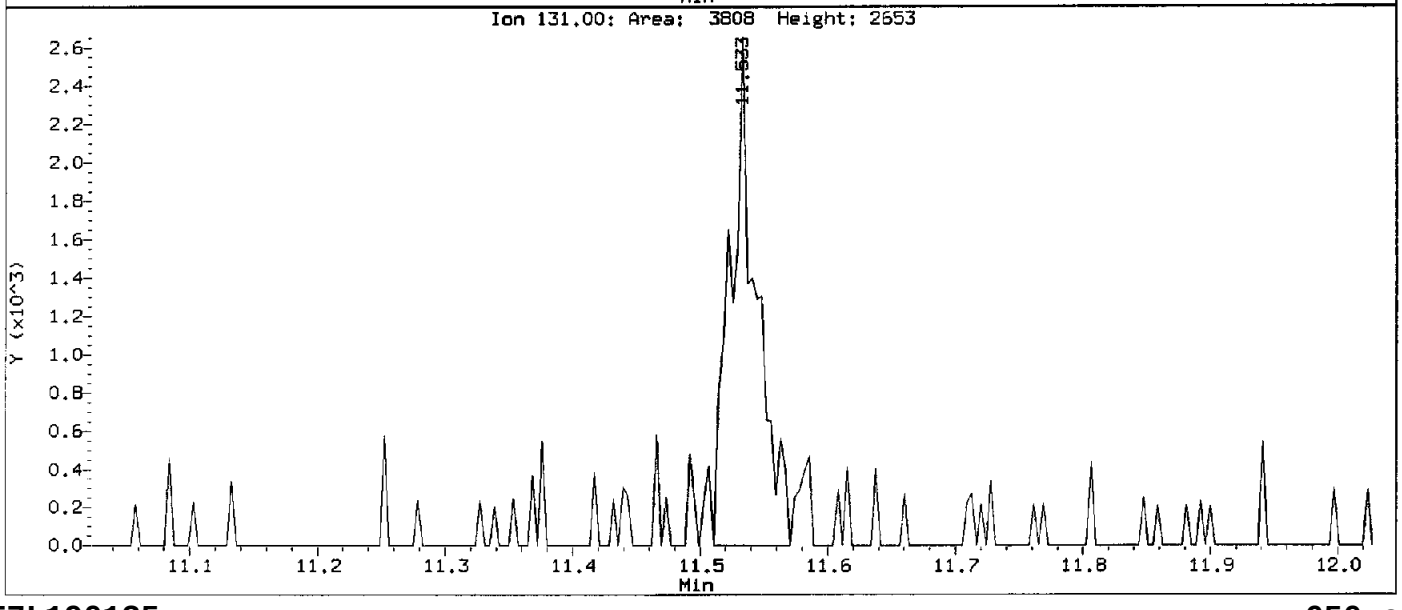
Instrument: MSL.i
Client Sample ID: M-7B

Compound: Tetrachloroethene
CAS Number: 127-18-4







Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7466.D
Report Date: 26-Dec-2007 11:11

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7466.D
Lab Smp Id: KEE912AA Client Smp ID: M-7B
Inj Date : 24-DEC-2007 17:13
Operator : XIA Inst ID: MSL.i
Smp Info : KEE912AA
Misc Info : VBLKL358A;F7L190135-004;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 1,1-Dichloroethane	63	7.873	7.869	(0.814)	98907	2.35526	2.355
	31 Chloroform	83	8.715	8.707	(0.901)	76259	2.21744	2.217
$	36 Dibromofluoromethane	113	8.906	8.905	(0.921)	136309	11.0659	11.06
$	43 1,2-Dichloroethane-d4	65	9.444	9.441	(0.976)	116935	12.0717	12.07(R)
	44 1,2-Dichloroethane	62	9.516	9.512	(0.984)	27681	2.14465	2.145(M)
*	45 Fluorobenzene	96	9.673	9.669	(1.000)	830862	10.0000	
$	57 Toluene-d8	98	11.084	11.083	(0.885)	828157	10.2044	10.20
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	542794	10.0000	
$	78 4-Bromofluorobenzene	95	13.643	13.647	(0.927)	193690	9.76888	9.769
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	201771	10.0000	

12/26/07

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7466.D
Report Date: 26-Dec-2007 11:11

STL St. Louis

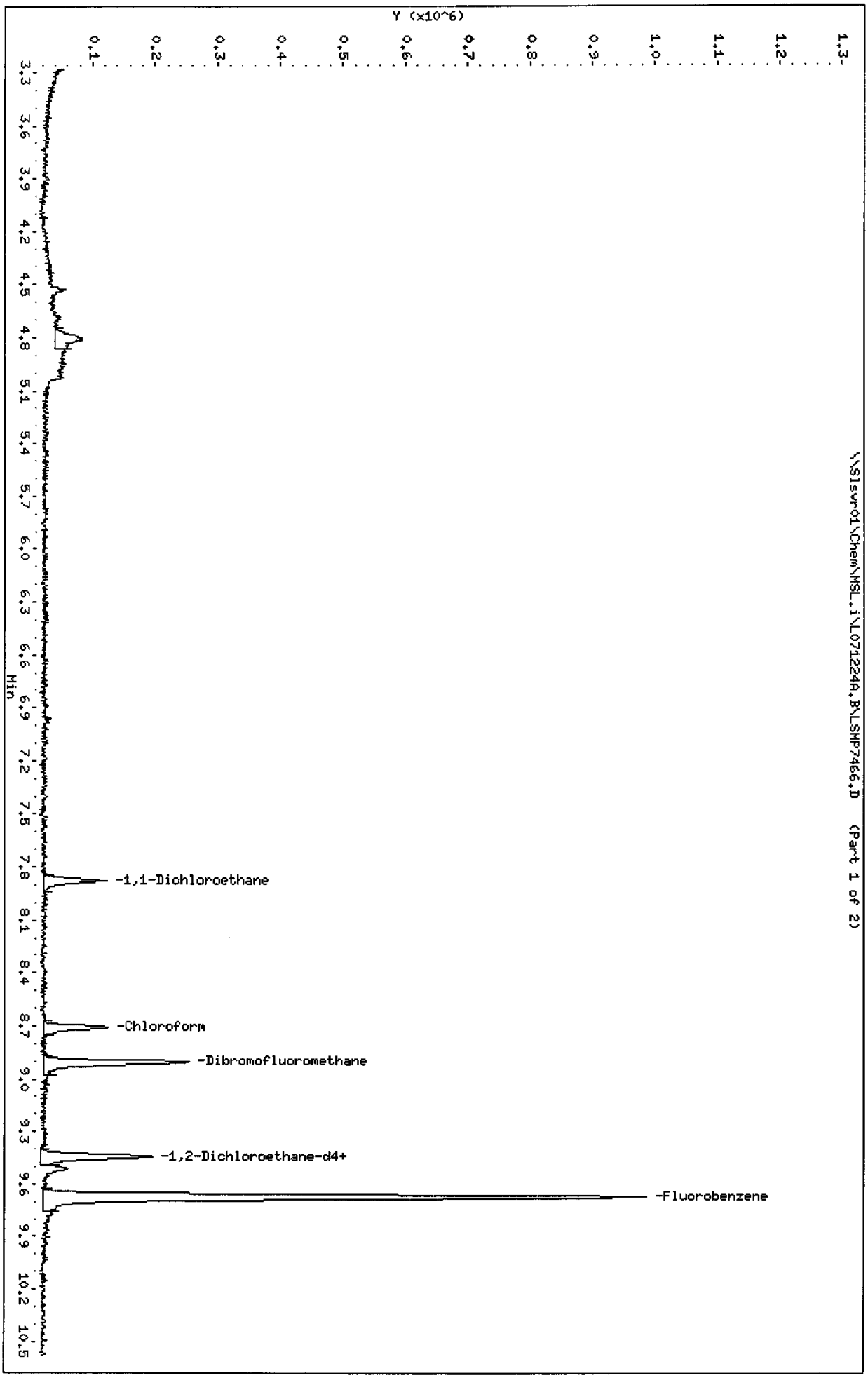
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LSMP7466.D
Lab Smp Id: KEE912AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: M-7B
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L190135-004;7360149;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	830862	-30.94
70 Chlorobenzene-d5	752404	376202	1504808	542794	-27.86
94 1,4 Dichlorobenze	317211	158606	634422	201771	-36.39

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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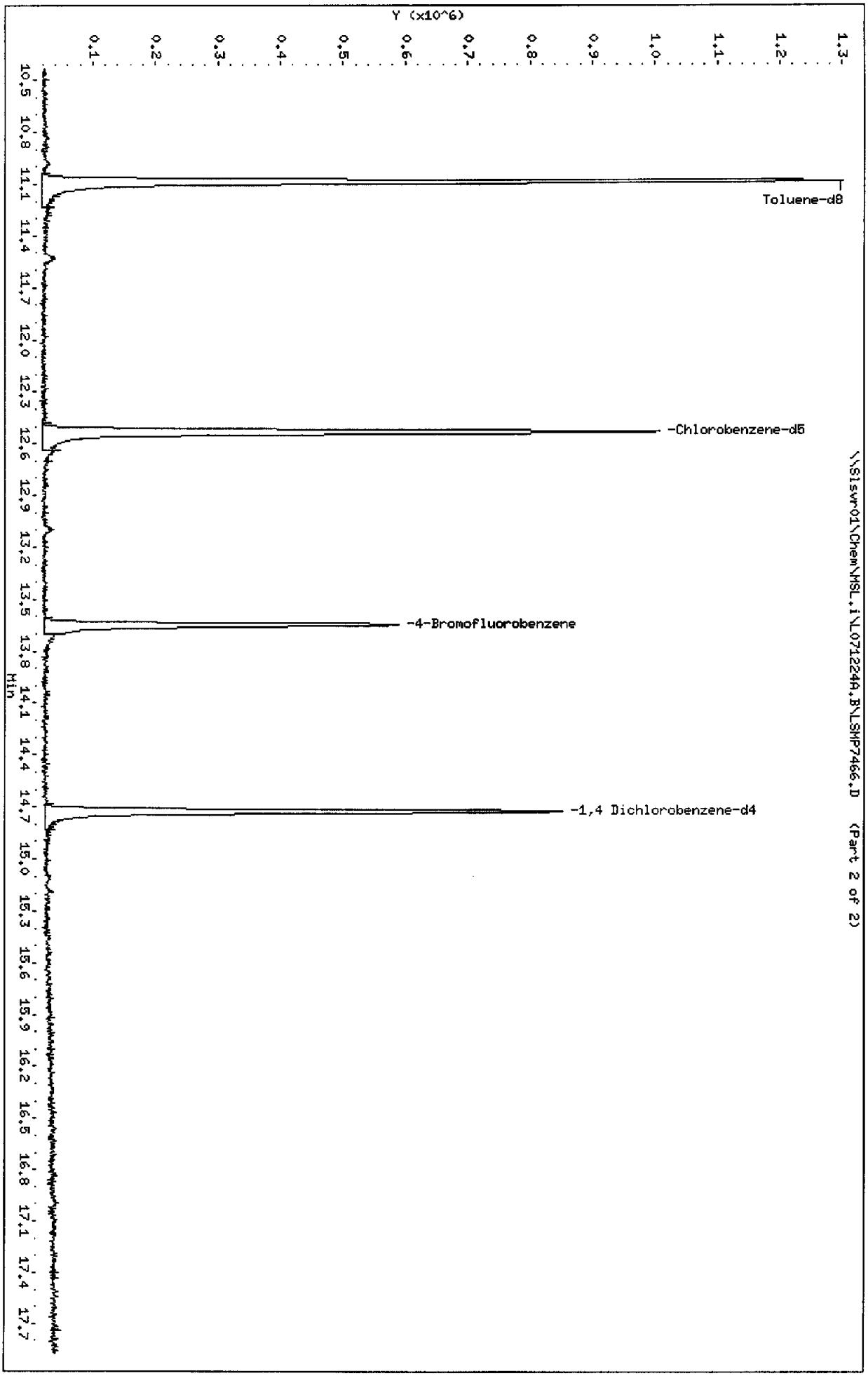
Date : 24-DEC-2007 17:13
Client ID: M-7B
Sample Info: KEE912AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7466.D (Part 1 of 2)
Y (x10^6)
Min
-1,1-Dichloroethane
-Chloroform
-Dibromofluoromethane
-1,2-Dichloroethane-d4+
-Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7466.D
Date : 24-DEC-2007 17:13
Client ID: M-7B
Sample Info: KEE912AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8
-Chlorobenzene-d5
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4
\\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7466.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7466.D

Date : 24-DEC-2007 17:13

Client ID: M-7B

Instrument: MSL.i

Sample Info: KEE912AA

Purge Volume: 25.0

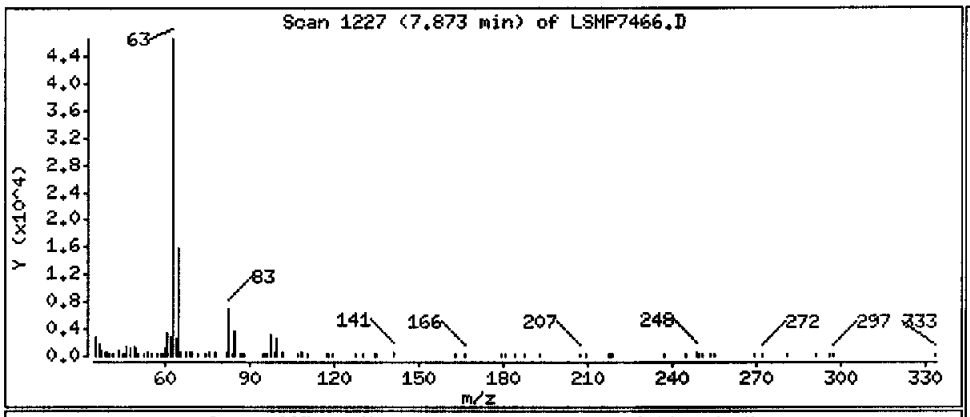
Operator: XIA

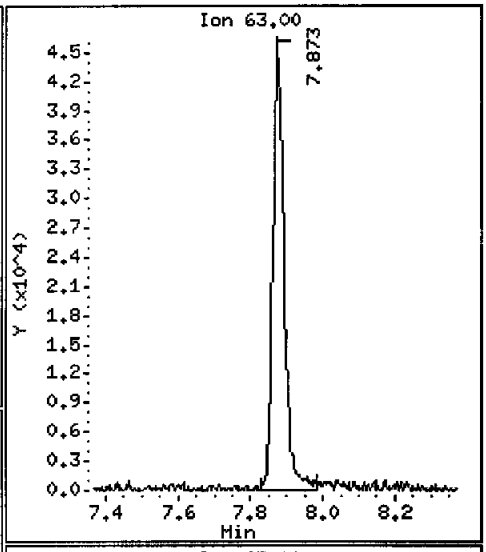
Column phase: RTX-502.2

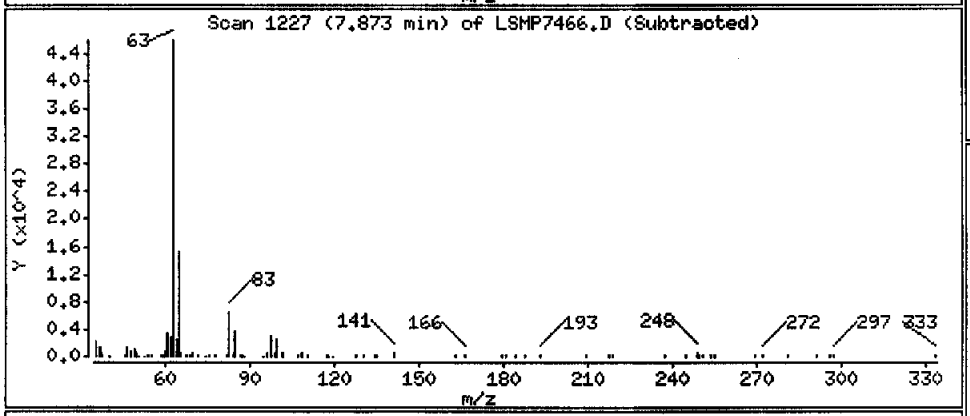
Column diameter: 0.25

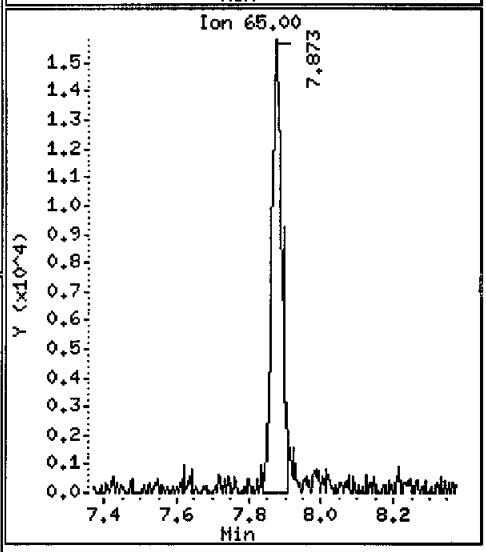
24 1,1-Dichloroethane

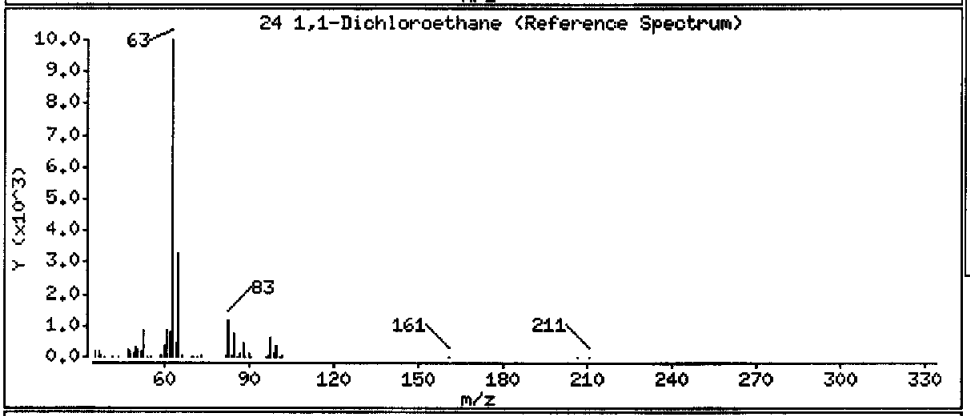
Concentration: 2.355 ug/L

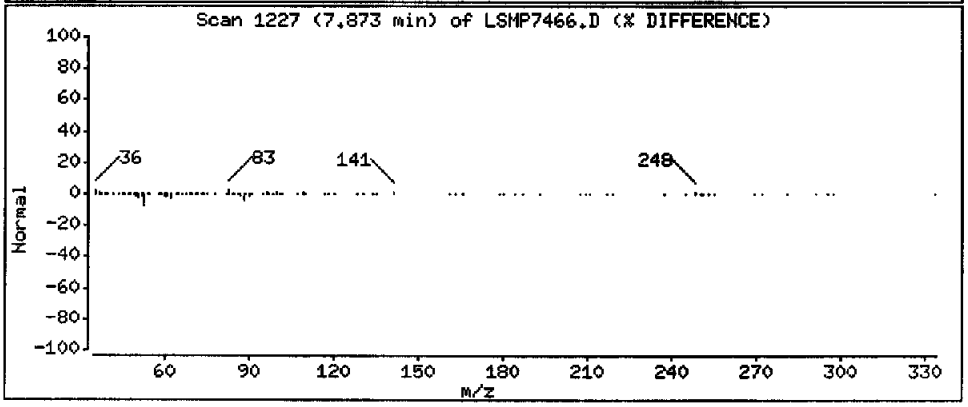












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7466.D

Date : 24-DEC-2007 17:13

Client ID: M-7B

Instrument: MSL.i

Sample Info: KEE912AA

Purge Volume: 25.0

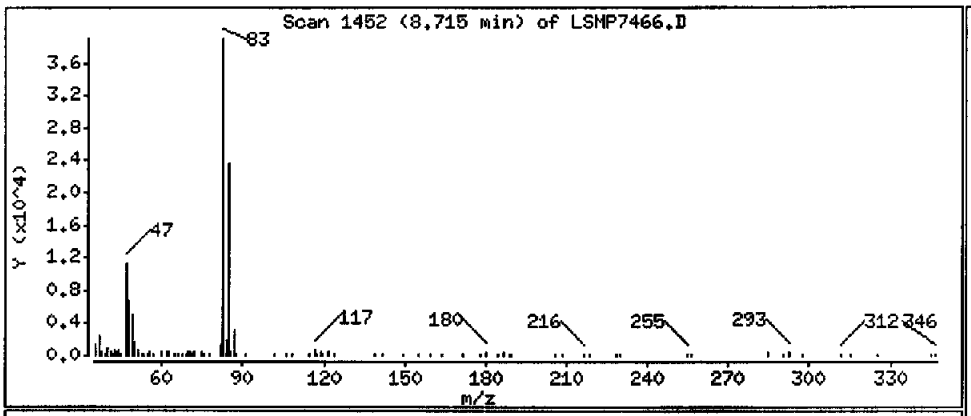
Operator: XIA

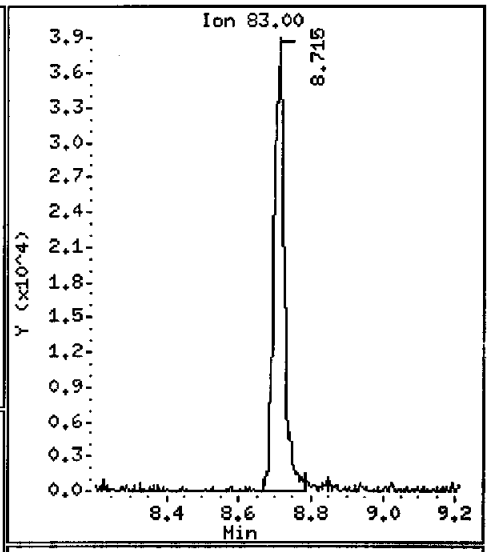
Column phase: RTX-502.2

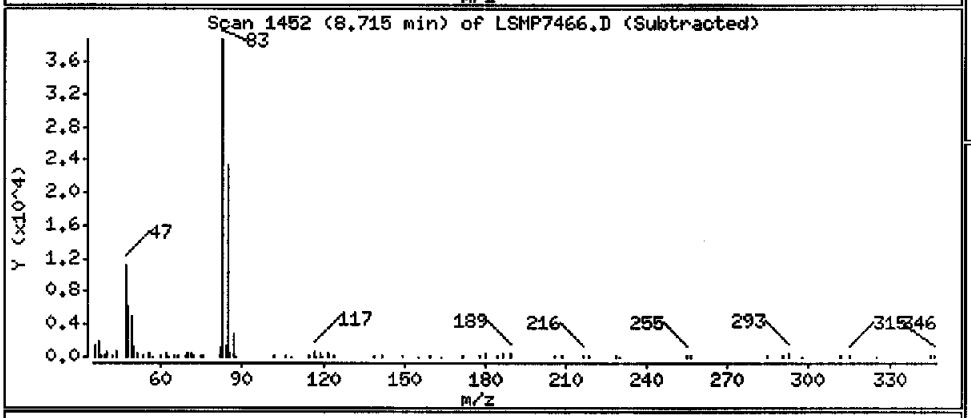
Column diameter: 0.25

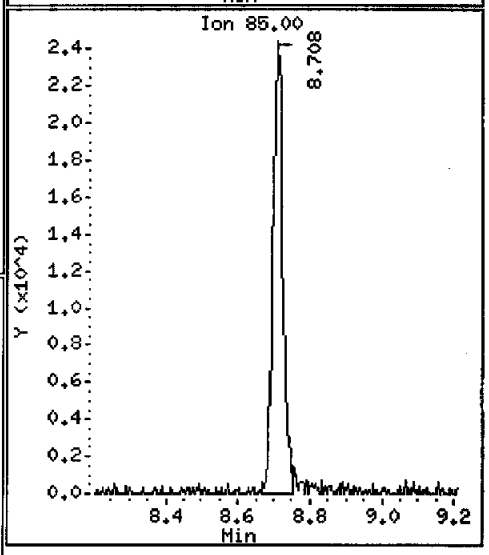
31 Chloroform

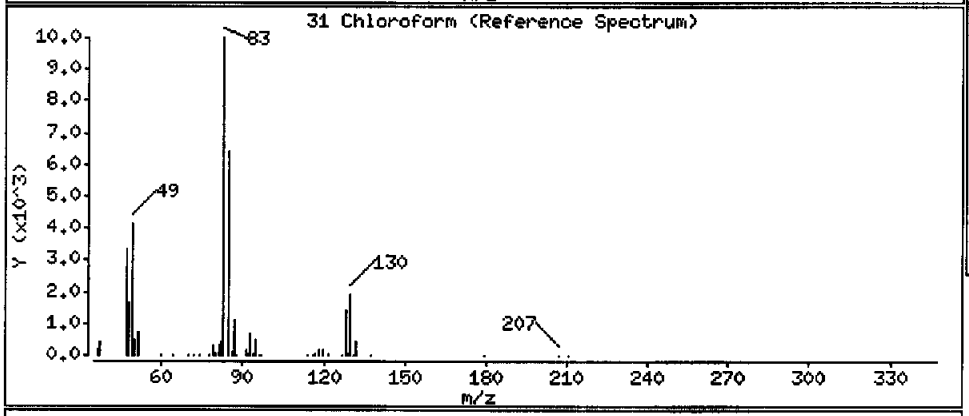
Concentration: 2.217 ug/L

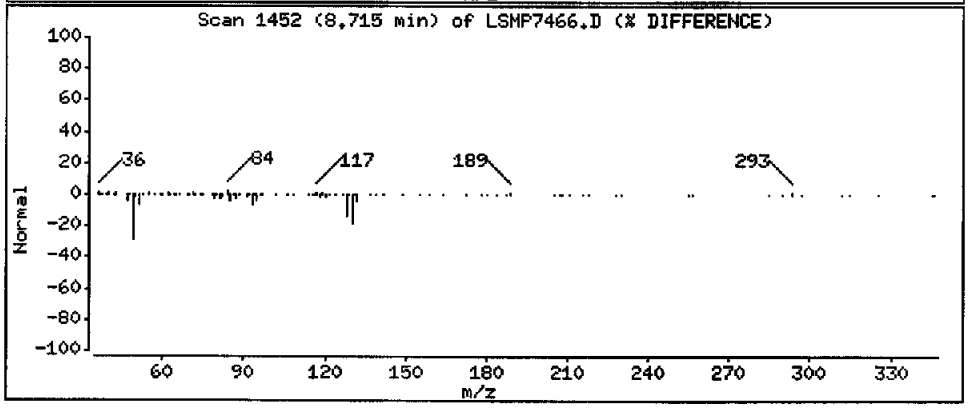












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7466.D

Date : 24-DEC-2007 17:13

Client ID: M-7B

Instrument: MSL.i

Sample Info: KEE912AA

Purge Volume: 25.0

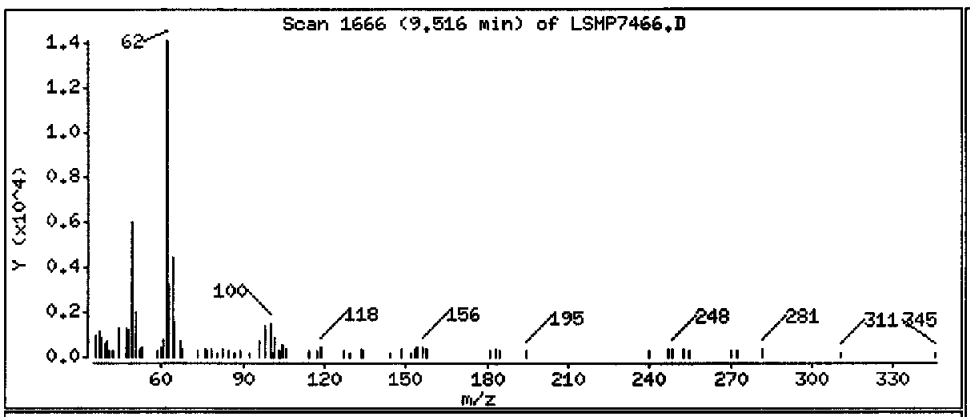
Operator: XIA

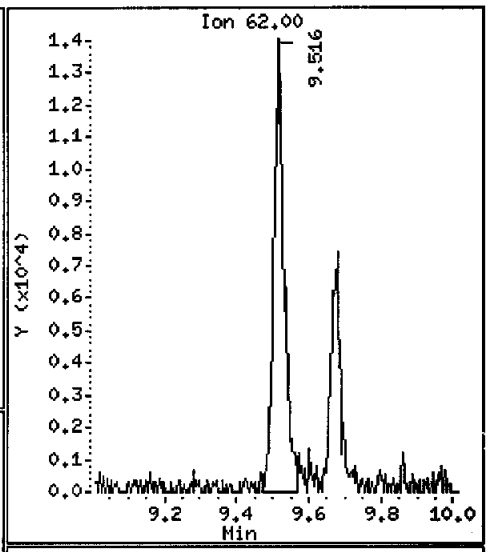
Column phase: RTX-502.2

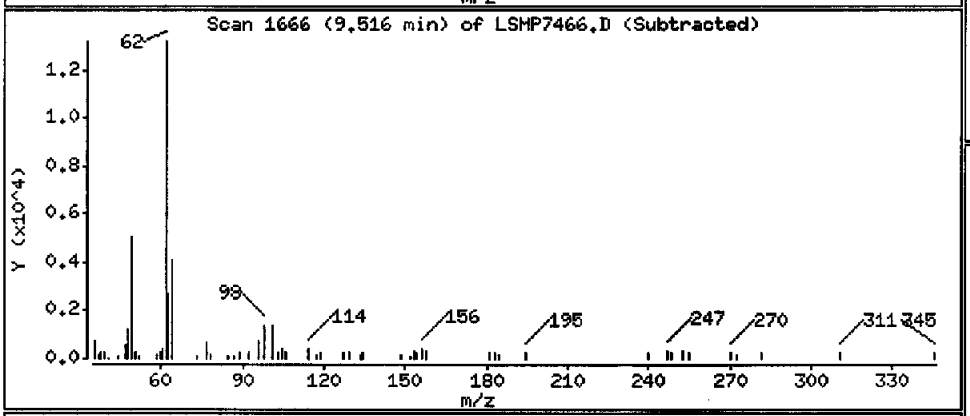
Column diameter: 0.25

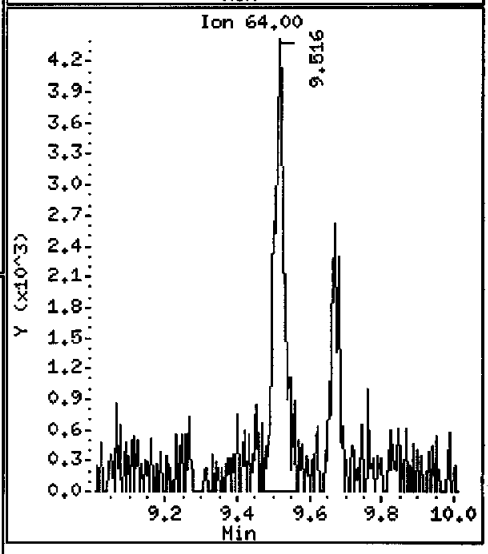
44 1,2-Dichloroethane

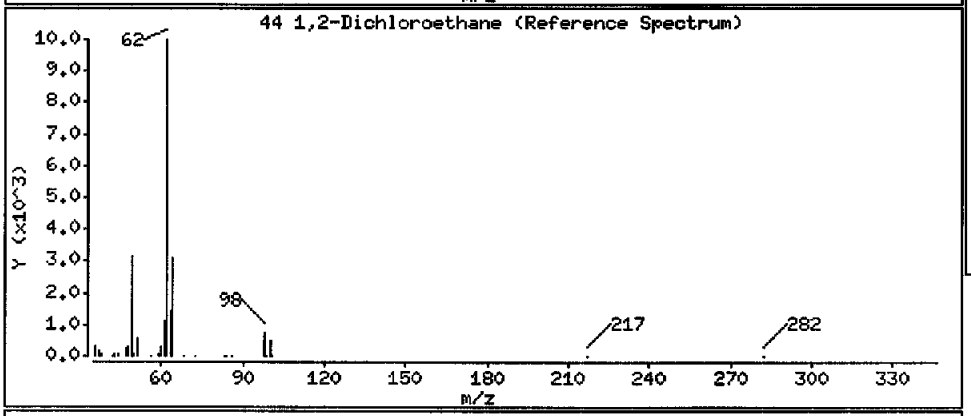
Concentration: 2.145 ug/L

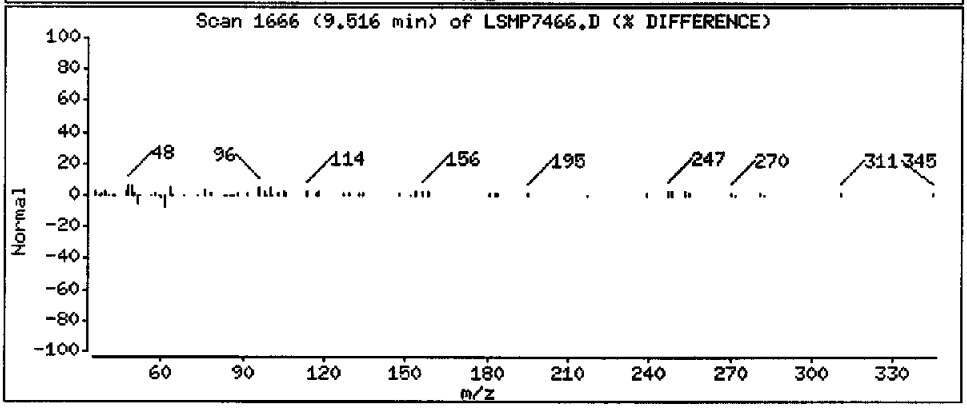






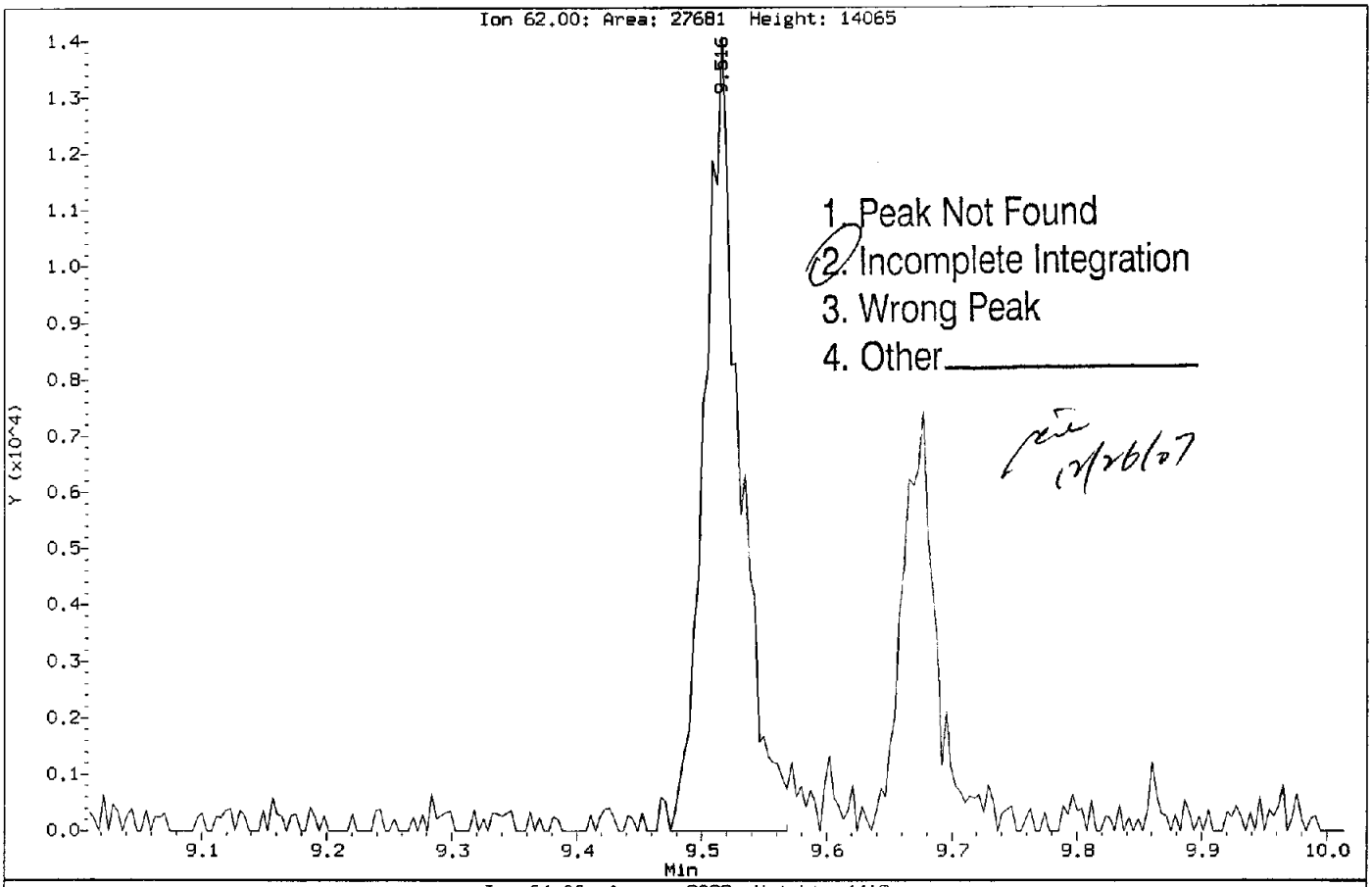


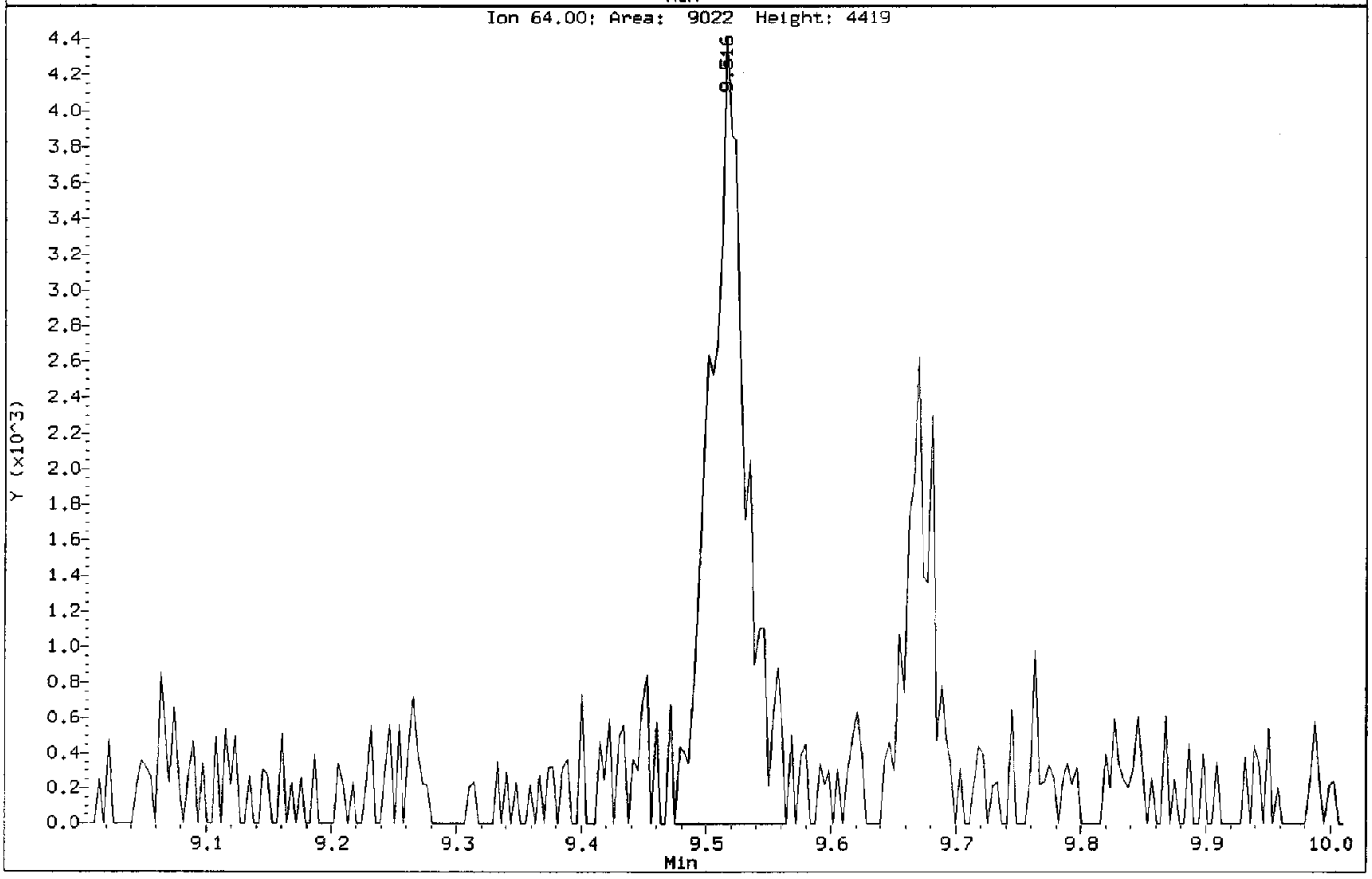




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7466.D
Injection Date: 24-DEC-2007 17:13
Instrument: MSL.i
Client Sample ID: M-7B

Compound: 1,2-Dichloroethane
CAS Number: 107-06-2





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7466.D
Report Date: 26-Dec-2007 14:28

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7466.D
Lab Smp Id: KEE912AA Client Smp ID: M-7B
Inj Date : 24-DEC-2007 17:13
Operator : XIA Inst ID: MSL.i
Smp Info : KEE912AA
Misc Info : VBLKL358A;F7L190135-004;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D
Report Date: 27-Dec-2007 13:09

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D
Lab Smp Id: KEE921AA Client Smp ID: M-57A
Inj Date : 21-DEC-2007 21:37
Operator : XIA Inst ID: MSL.i
Smp Info : KEE921AA
Misc Info : VBLKL355A;F7L190135-005;7358096;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Meth Date : 27-Dec-2007 12:26 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	31 Chloroform	83	8.700	8.707	(0.899)	19172281	552.898	552.9(A)
	33 Carbon Tetrachloride	117	8.902	8.894	(0.920)	67962	2.39844	2.398
$	36 Dibromofluoromethane	113	8.913	8.906	(0.921)	140143	11.2836	11.28
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	103276	10.5739	10.57
*	45 Fluorobenzene	96	9.676	9.673	(1.000)	837756	10.0000	
	48 Trichloroethene	130	9.852	9.852	(1.018)	25612	1.09103	1.091(M)
$	57 Toluene-d8	98	11.087	11.084	(0.885)	825648	10.8003	10.80
	62 Tetrachloroethene	164	11.533	11.521	(0.920)	12767	0.78645	0.7864
*	70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	511291	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	41902	0.76412	0.7641
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	178599	9.44850	9.448
	93 1,3-Dichlorobenzene	146	14.665	14.657	(0.996)	12754	0.36008	0.3601
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	192359	10.0000	
	95 1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	283573	8.11865	8.119
	98 1,2-Dichlorobenzene	146	15.170	15.166	(1.030)	87981	3.35746	3.357

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D
Report Date: 27-Dec-2007 13:09

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

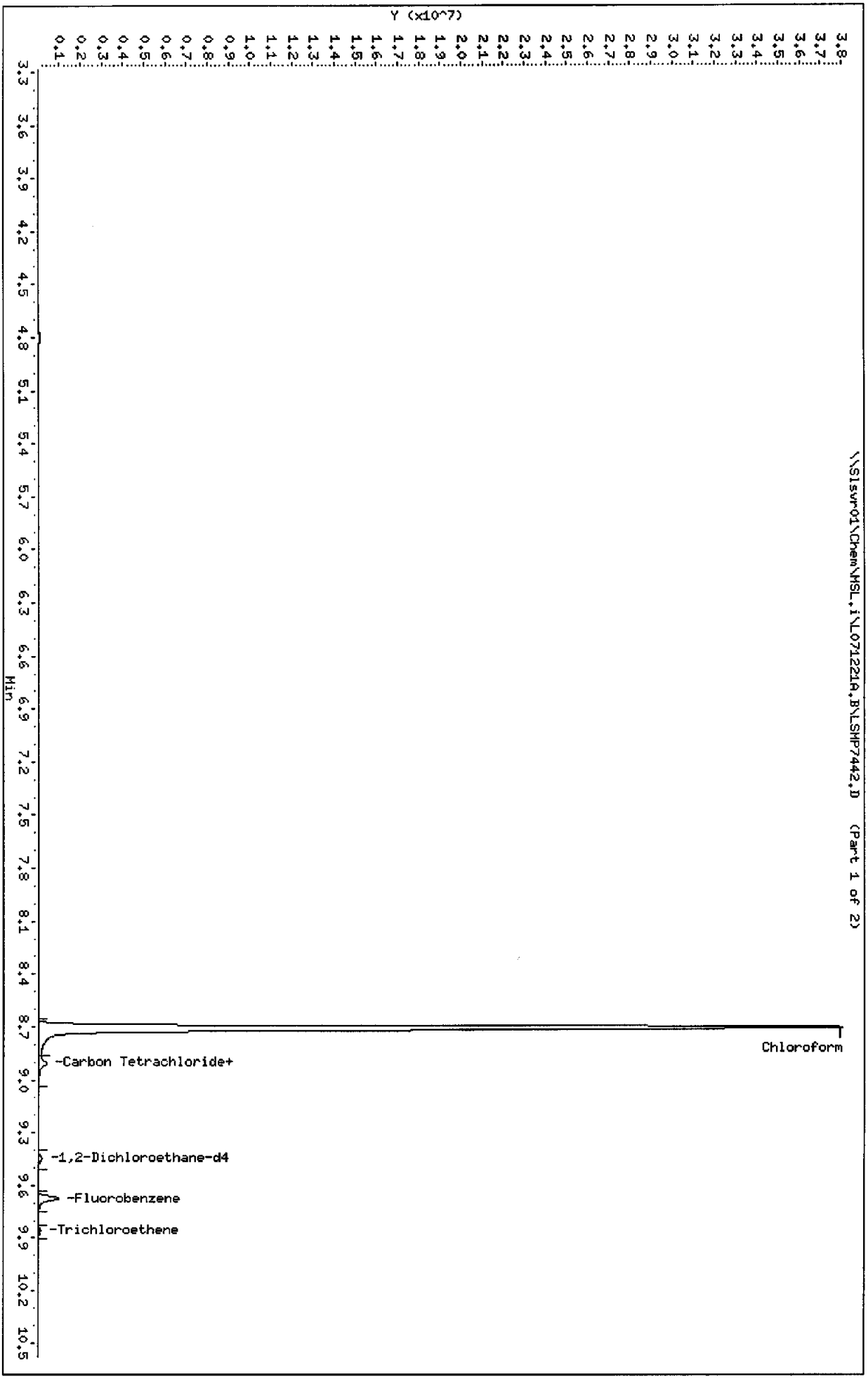
Instrument ID: MSL.i
Lab File ID: LSMP7442.D
Lab Smp Id: KEE921AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Misc Info: VBLKL355A;F7L190135-005;7358096;

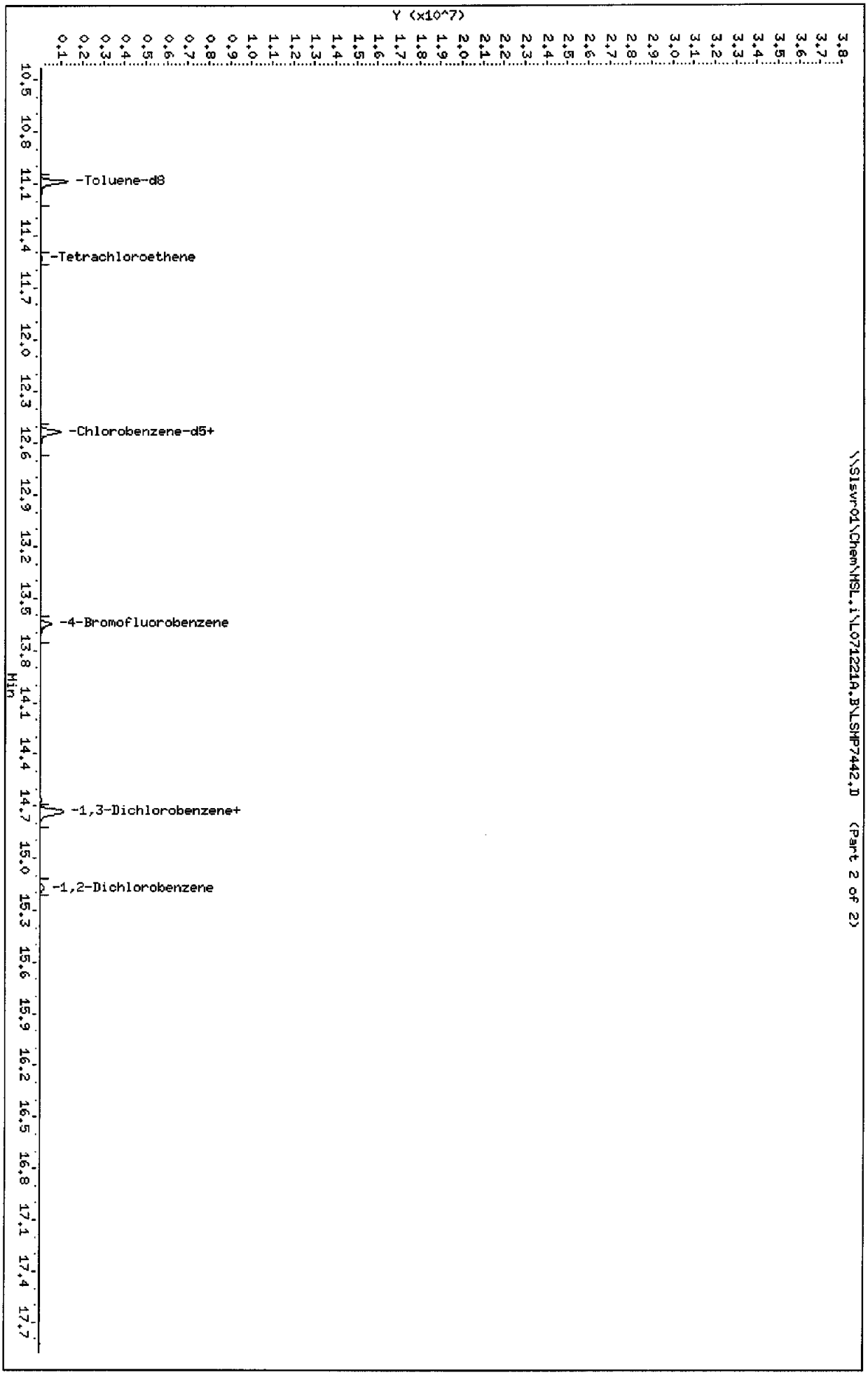
Calibration Date: 21-DEC-2007
Calibration Time: 13:05
Client Smp ID: M-57A
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1399217	699609	2798434	837756	-40.13
70 Chlorobenzene-d5	802936	401468	1605872	511291	-36.32
94 1,4 Dichlorobenze	308619	154310	617238	192359	-37.67

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.68	0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D
Date : 21-DEC-2007 21:37
Client ID: M-57A
Sample Info: KEE921AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^7)
\\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D (Part 1 of 2)
Min
Chloroform
-Carbon Tetrachloride+
-1,2-Dichloroethane-d4
-Fluorobenzene
-Trichloroethene


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D
Date : 21-DEC-2007 21:37
Client ID: H-57A
Sample Info: KEE921AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D (Part 2 of 2)
Y (x10^7)
-Toluene-d8
-Tetrachloroethene
-Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,3-Dichlorobenzene+
-1,2-Dichlorobenzene
Min

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D

Date : 21-DEC-2007 21:37

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE921AA

Purge Volume: 25.0

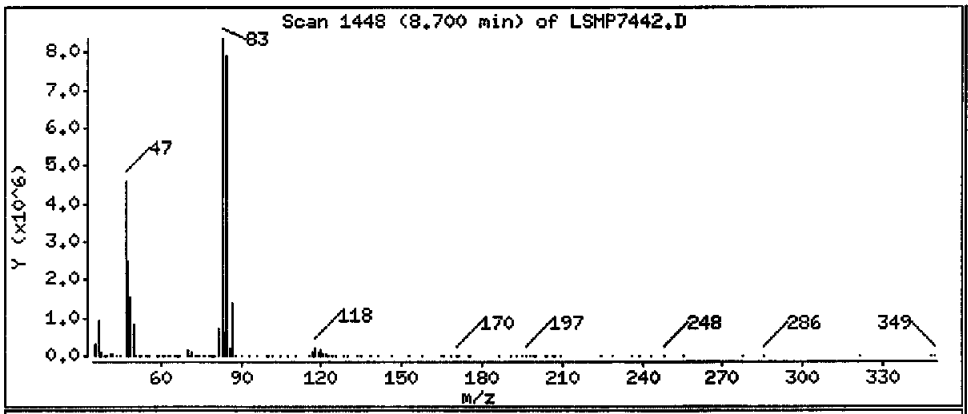
Operator: XIA

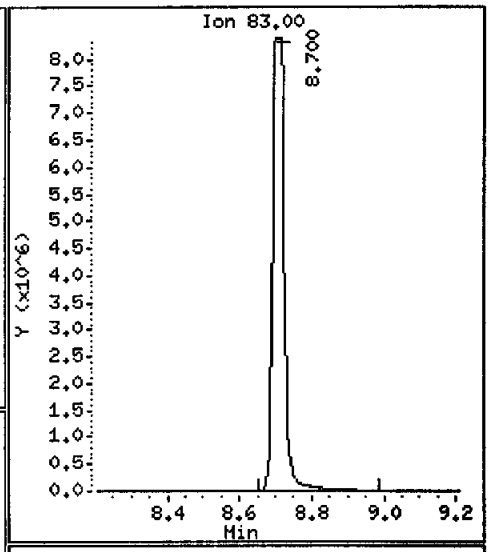
Column phase: RTX-502.2

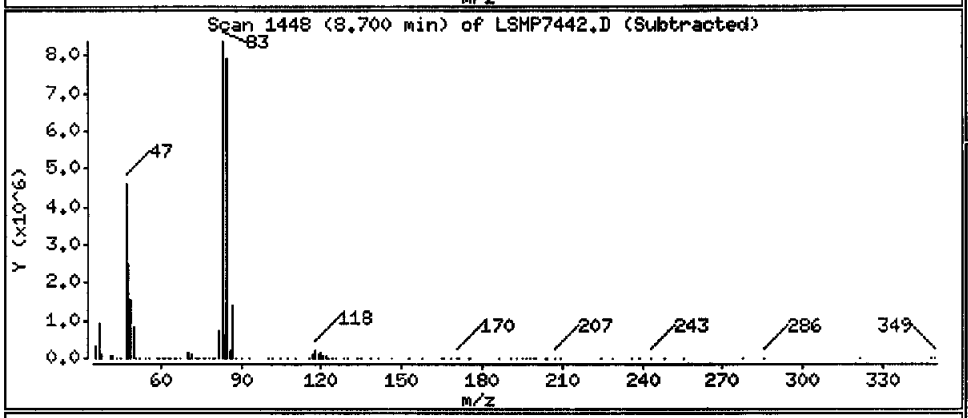
Column diameter: 0.25

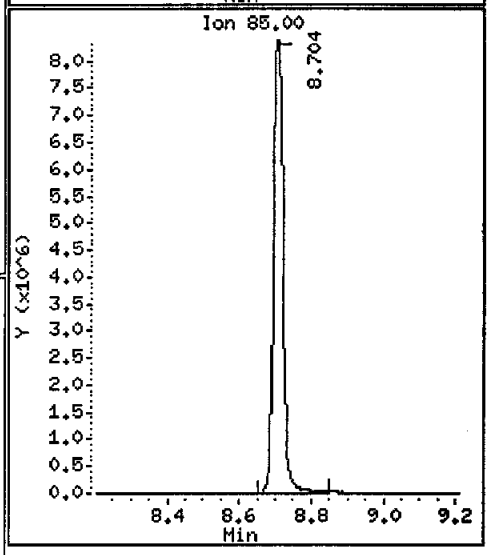
31 Chloroform

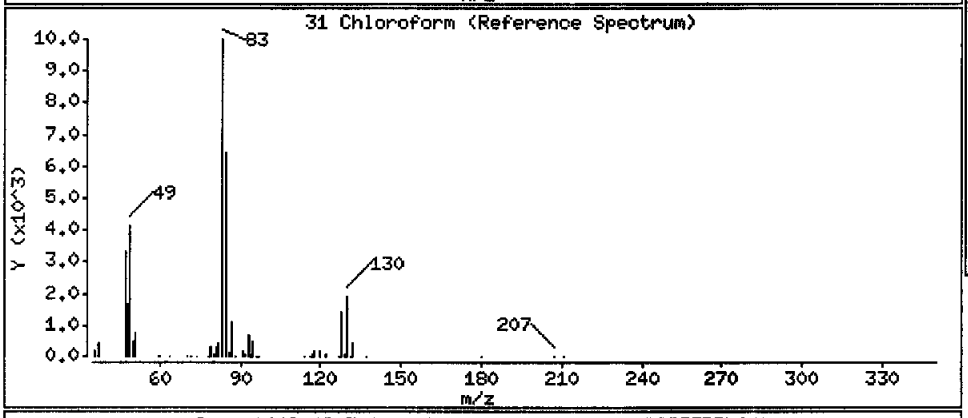
Concentration: 552.9 ug/L

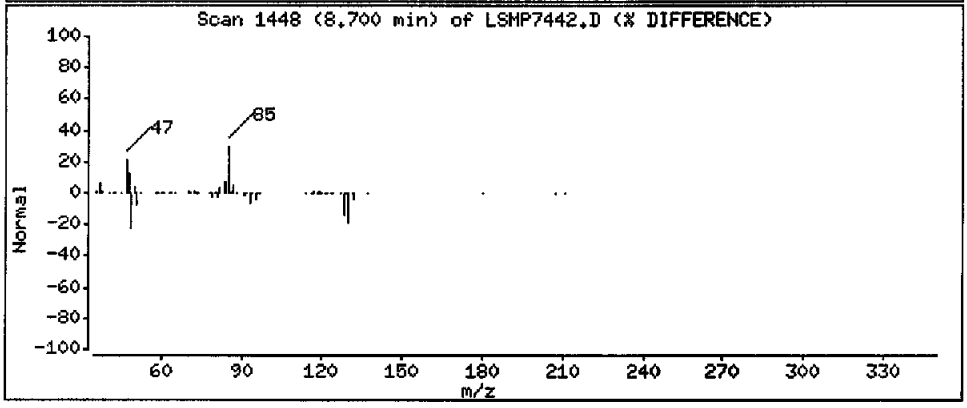












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D

Date : 21-DEC-2007 21:37

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE921AA

Purge Volume: 25.0

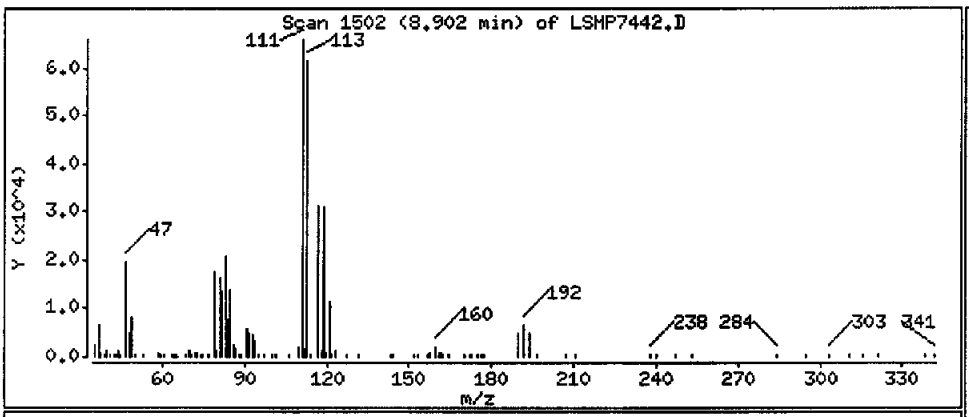
Operator: XIA

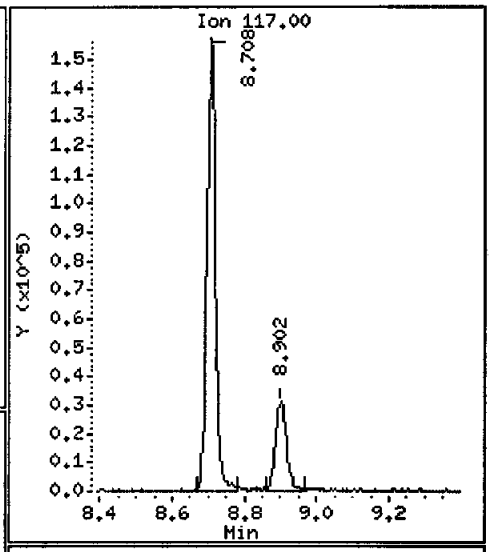
Column phase: RTX-502.2

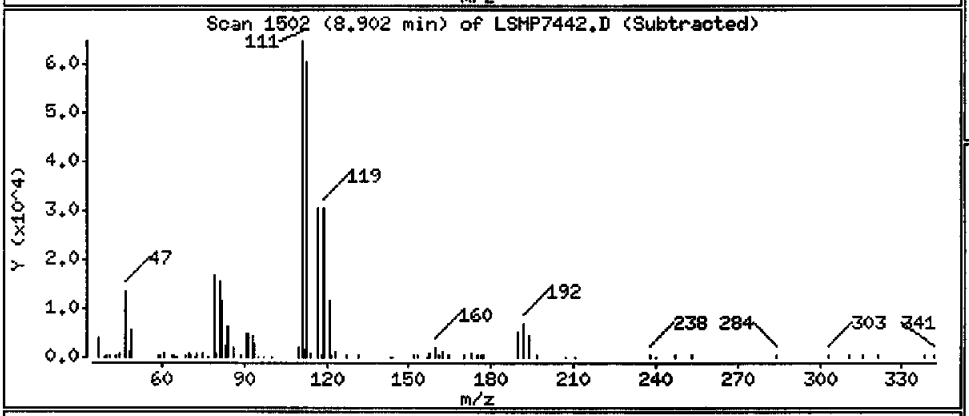
Column diameter: 0.25

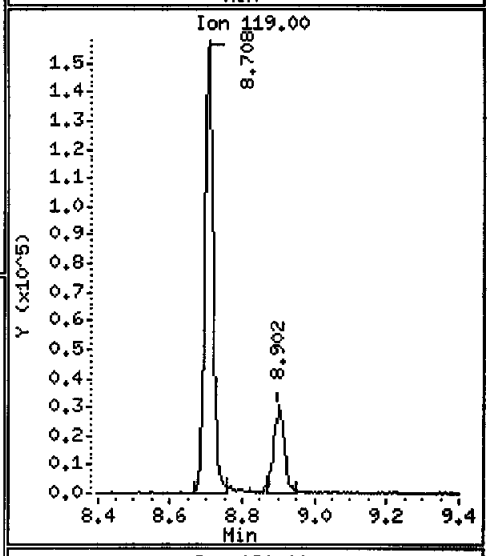
33 Carbon Tetrachloride

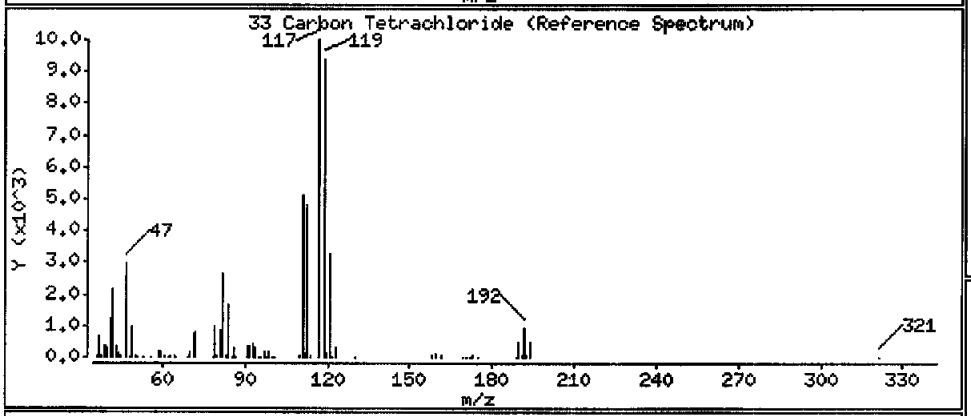
Concentration: 2.398 ug/L

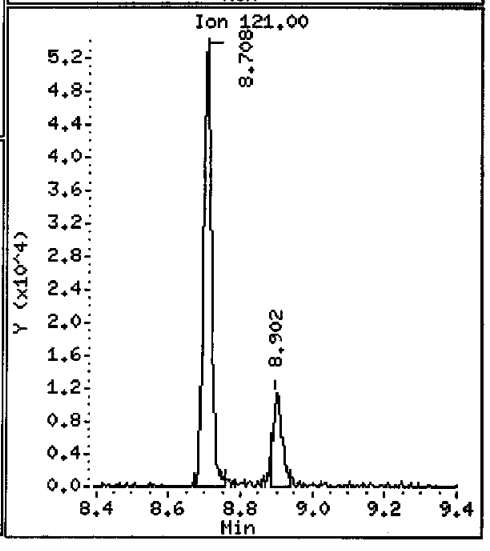


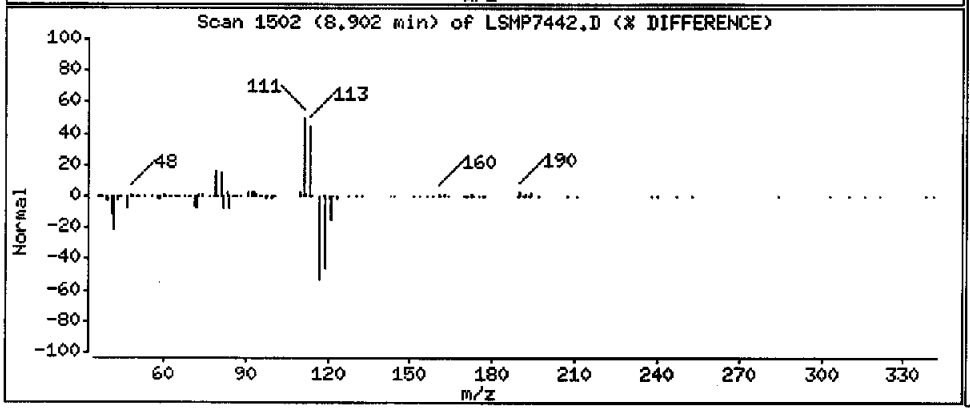












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D

Date : 21-DEC-2007 21:37

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE921AA

Purge Volume: 25.0

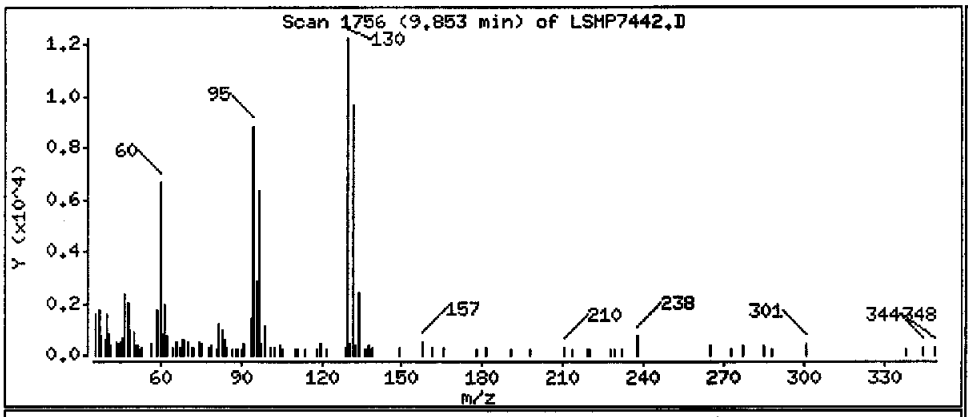
Operator: XIA

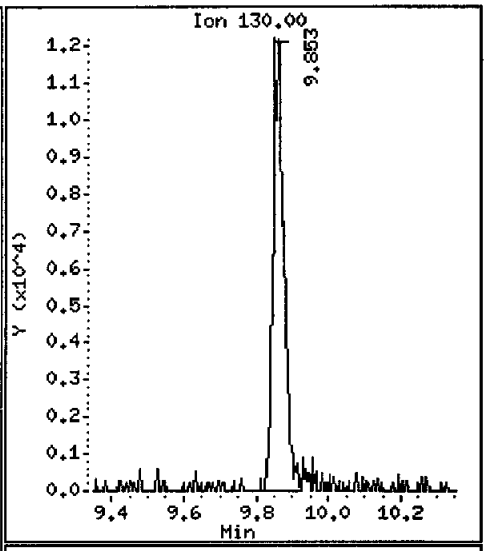
Column phase: RTX-502.2

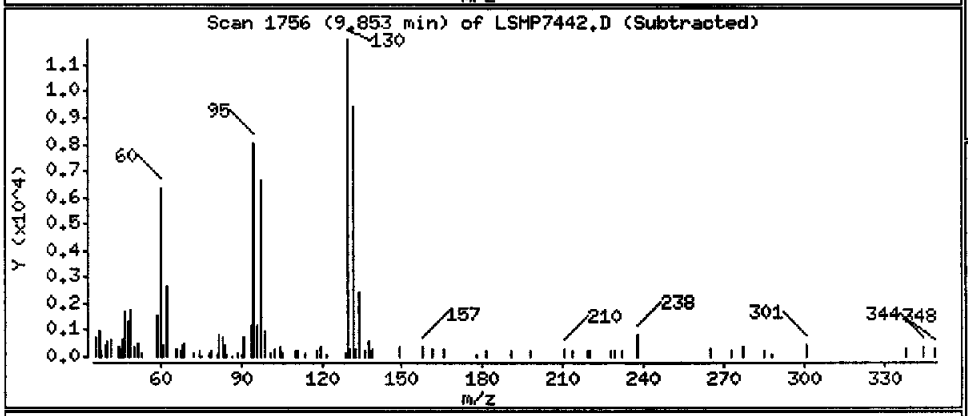
Column diameter: 0.25

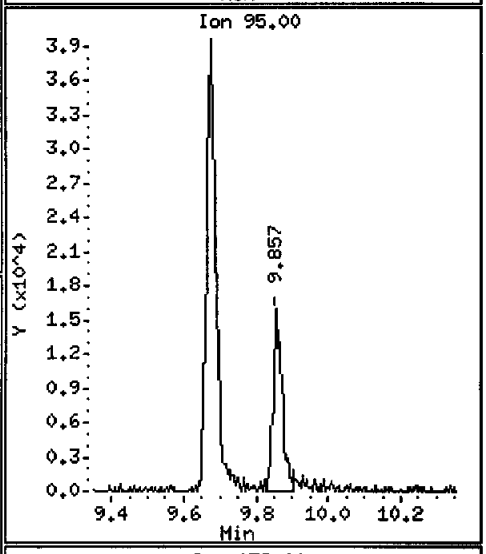
48 Trichloroethene

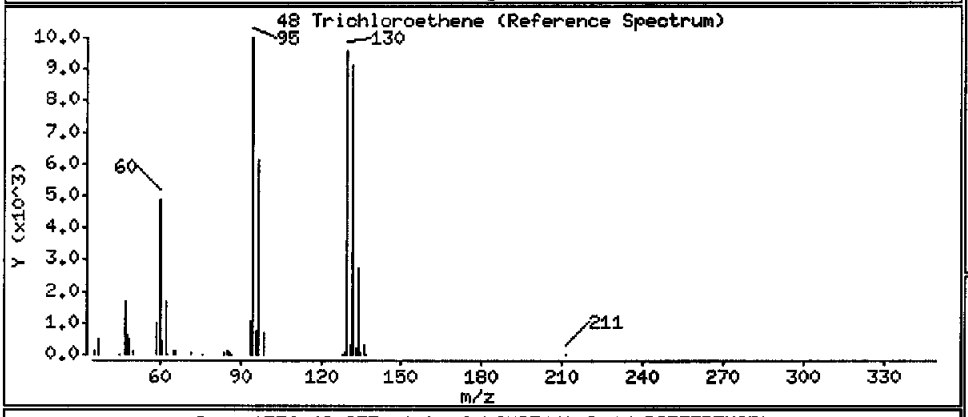
Concentration: 1.091 ug/L

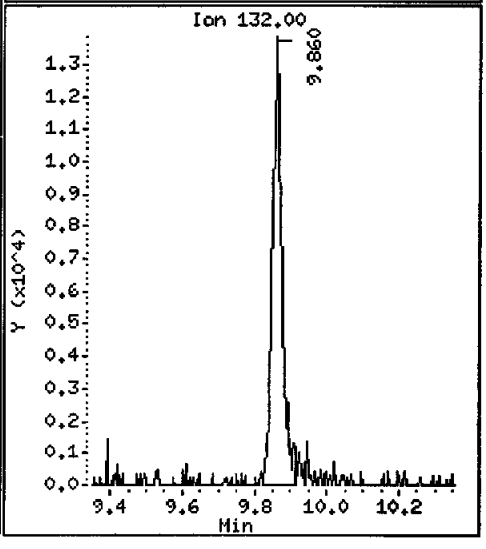


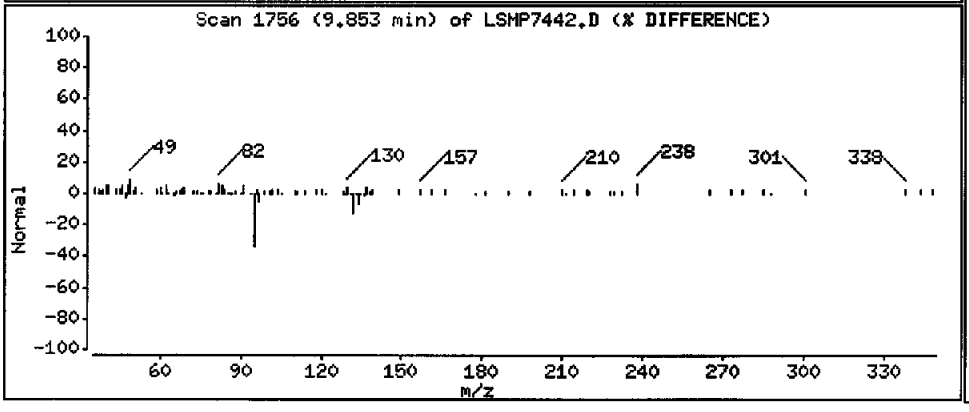












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D

Date : 21-DEC-2007 21:37

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE921AA

Purge Volume: 25.0

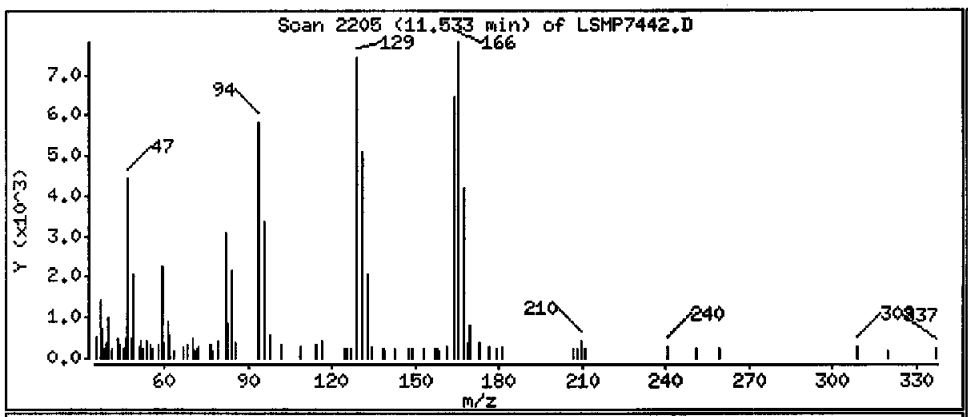
Operator: XIA

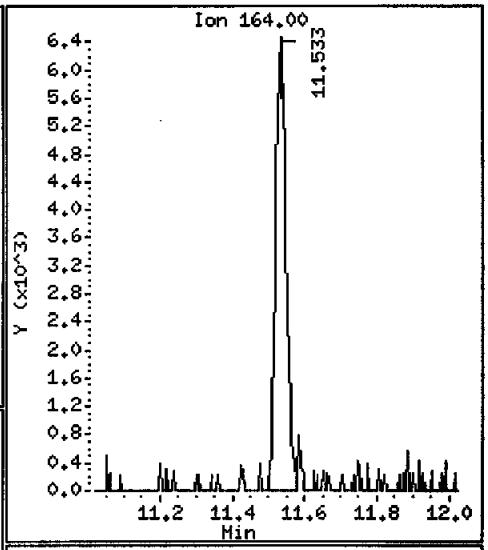
Column phase: RTX-502.2

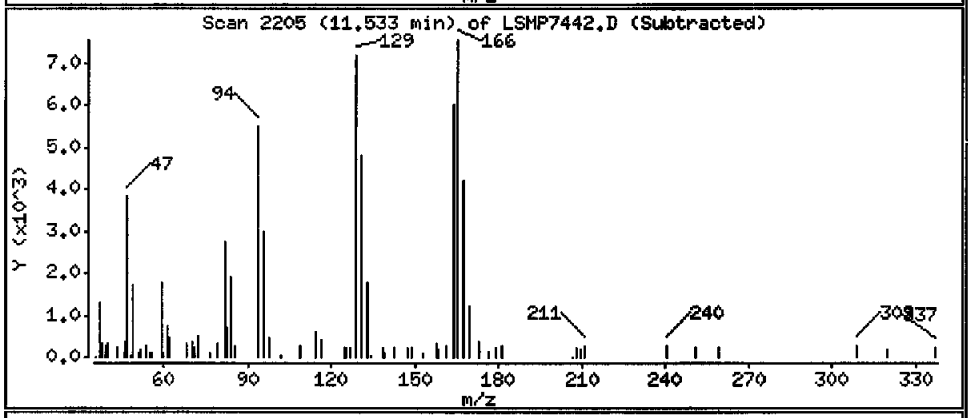
Column diameter: 0.25

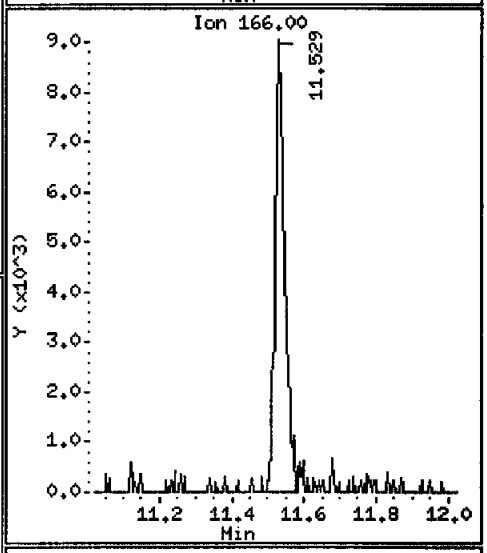
62 Tetrachloroethene

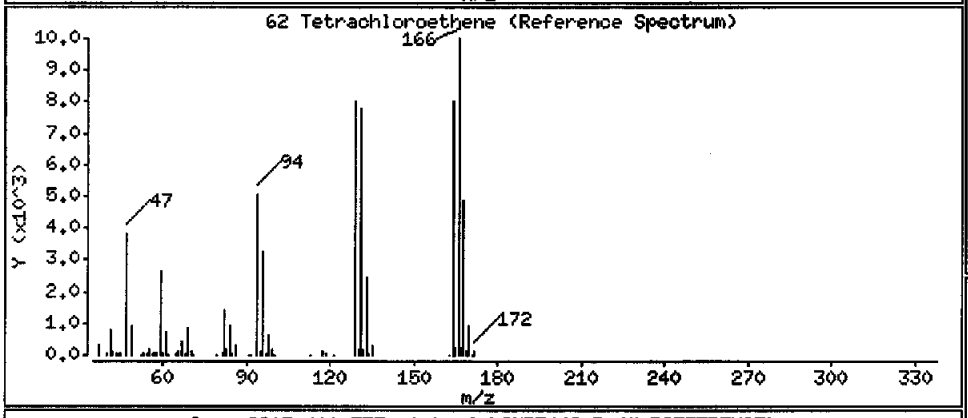
Concentration: 0.7864 ug/L

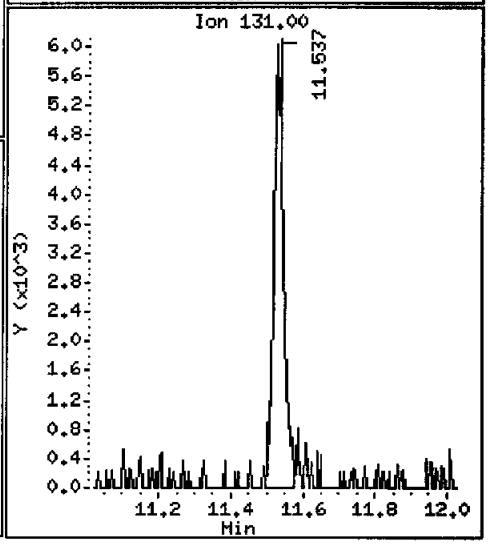


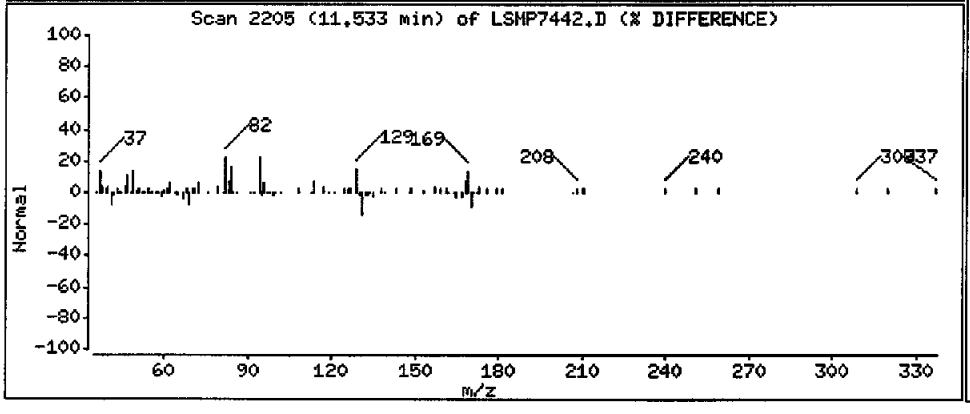












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D

Date : 21-DEC-2007 21:37

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE921AA

Purge Volume: 25.0

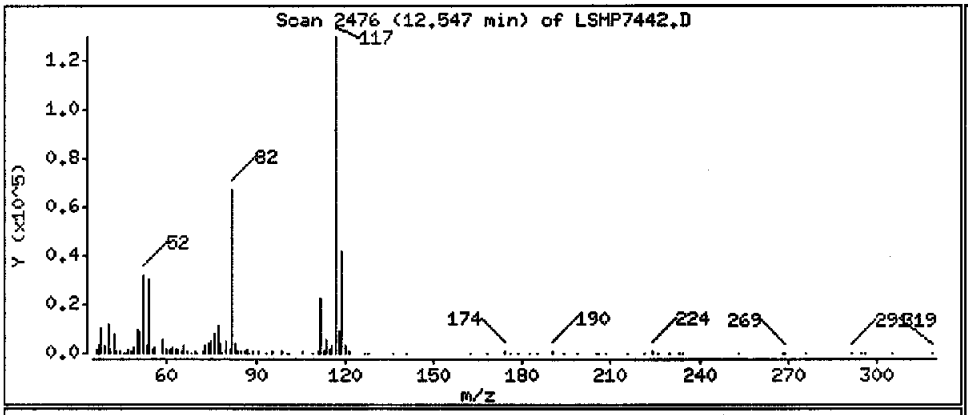
Operator: XIA

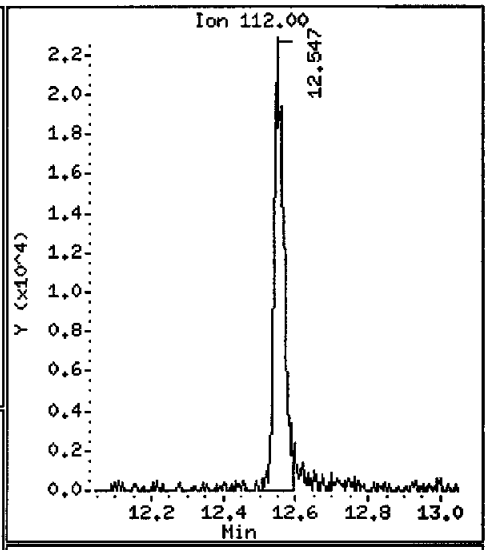
Column phase: RTX-502.2

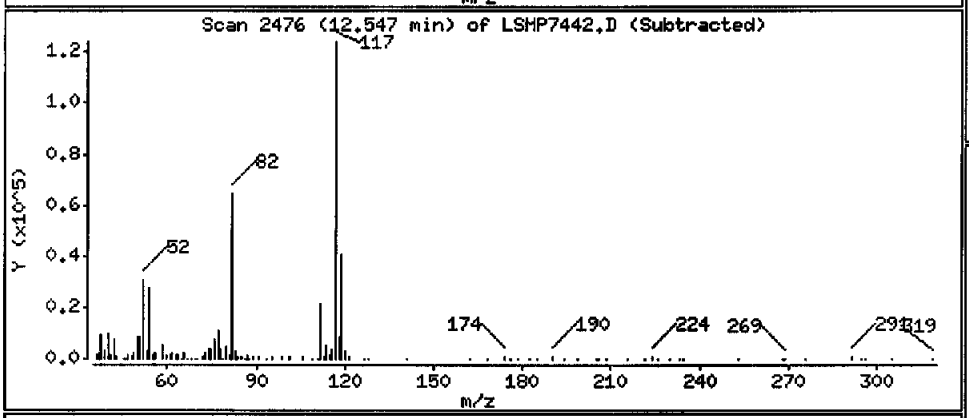
Column diameter: 0.25

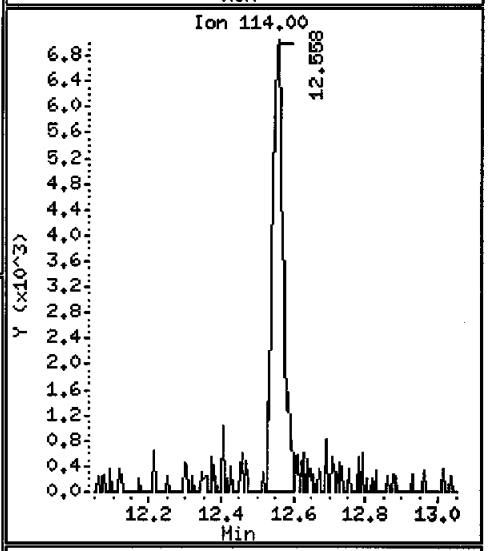
71 Chlorobenzene

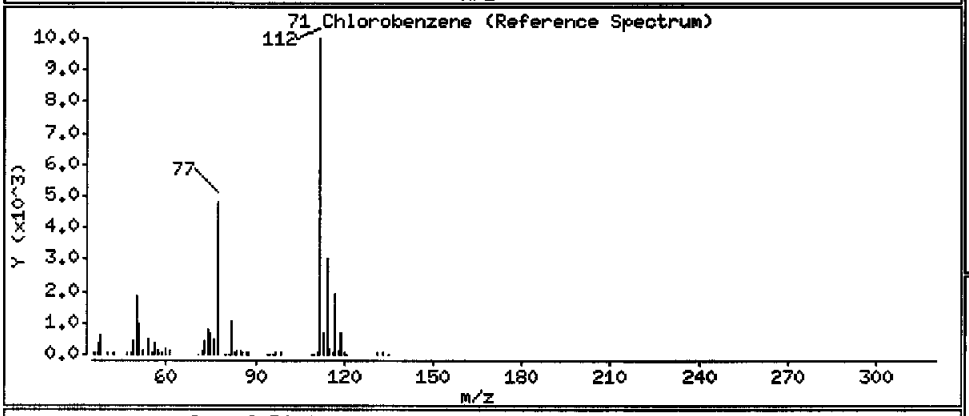
Concentration: 0.7641 ug/L

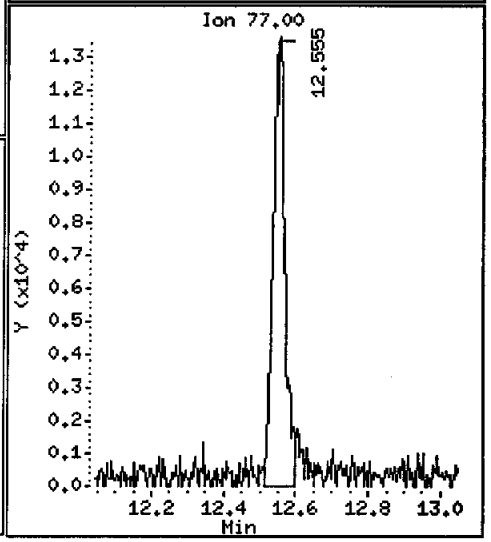


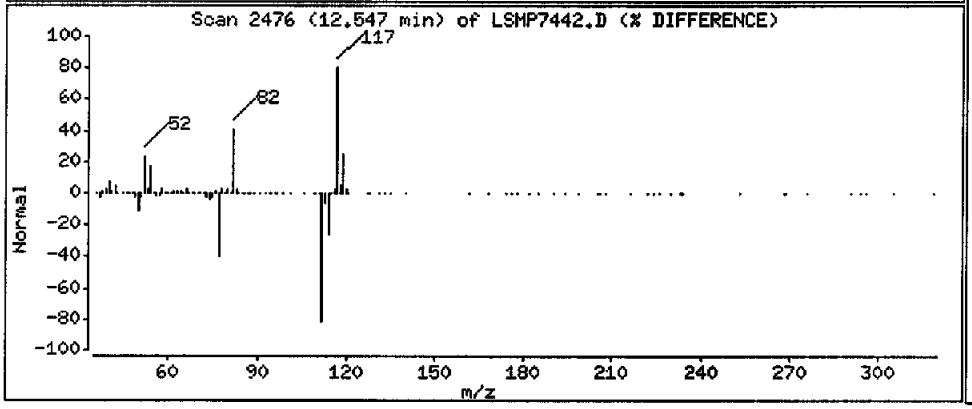












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D

Date : 21-DEC-2007 21:37

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE921AA

Purge Volume: 25.0

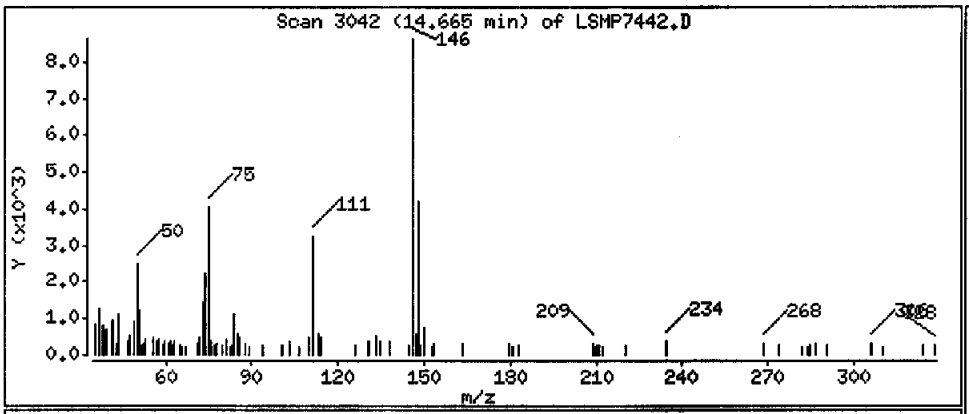
Operator: XIA

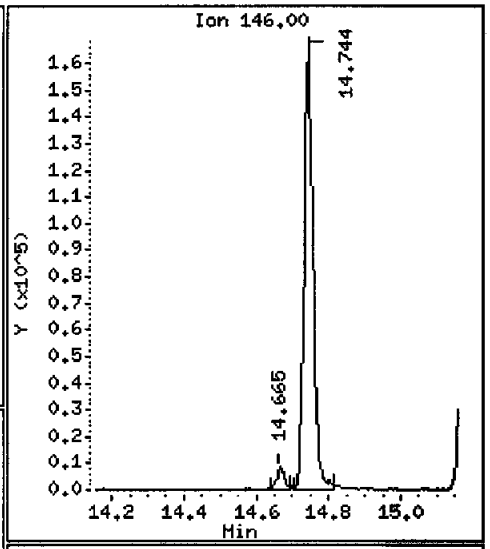
Column phase: RTX-502.2

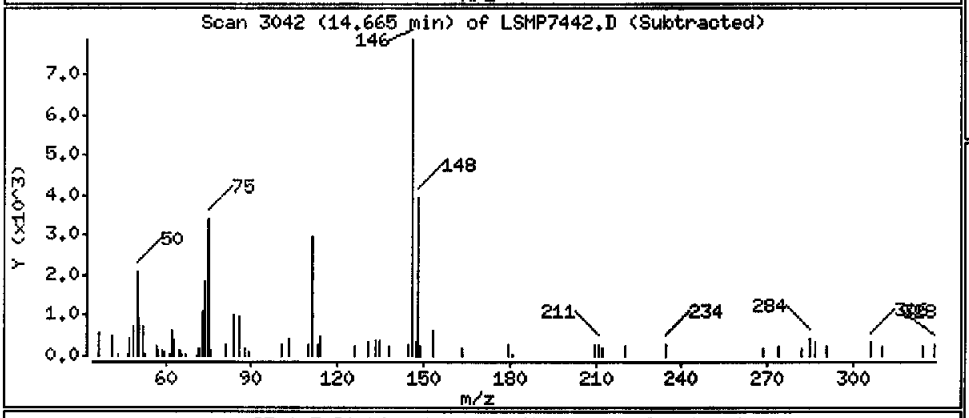
Column diameter: 0.25

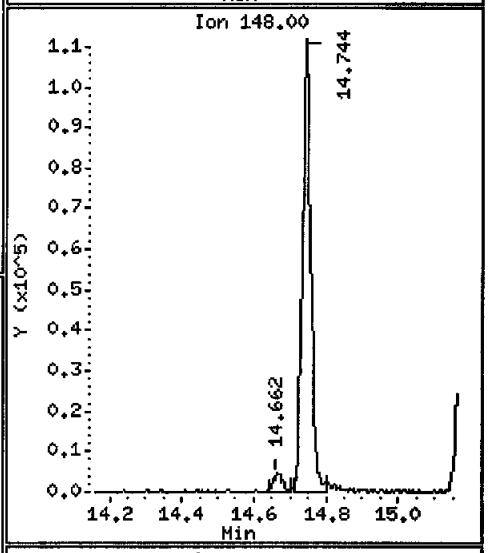
93 1,3-Dichlorobenzene

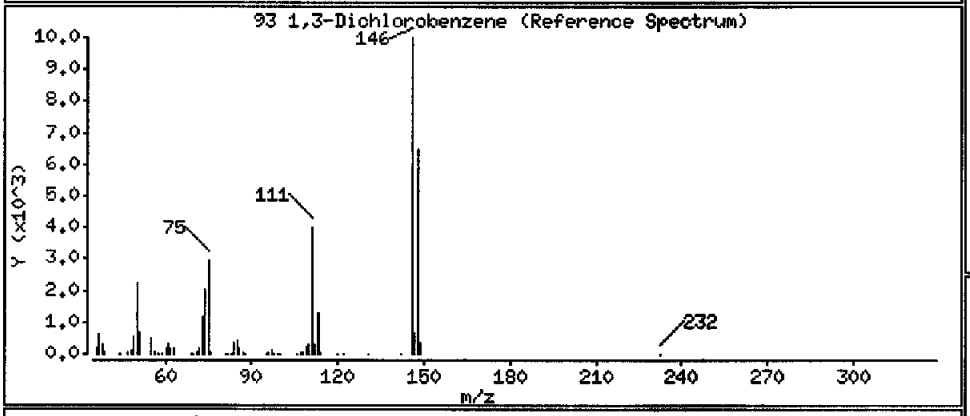
Concentration: 0.3601 ug/L

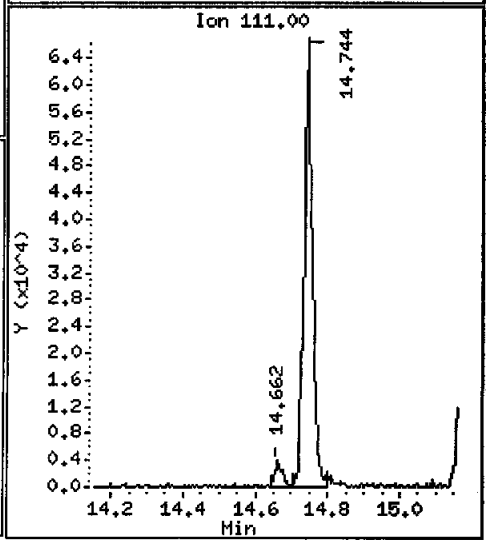


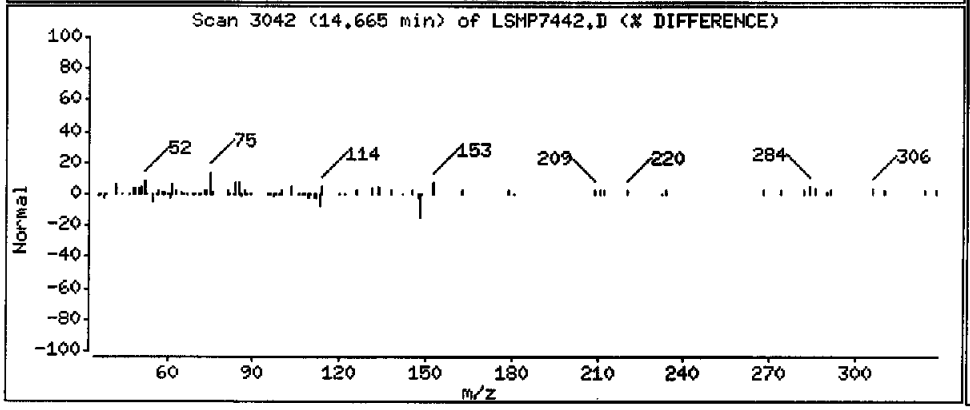












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D

Date : 21-DEC-2007 21:37

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE921AA

Purge Volume: 25.0

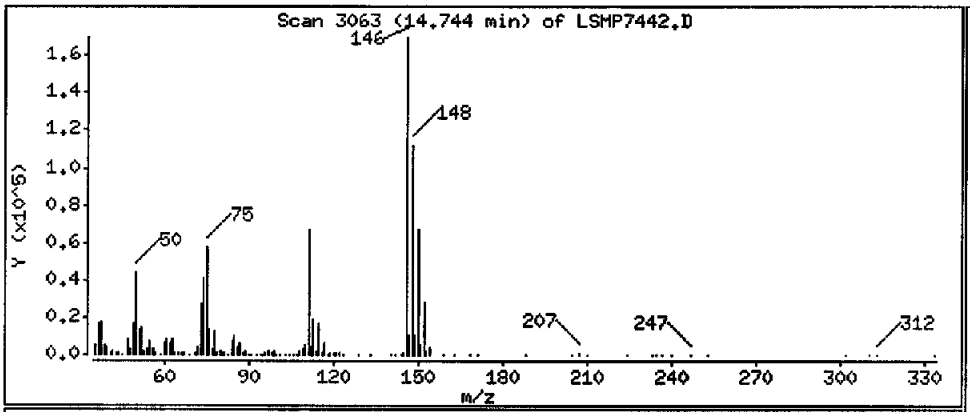
Operator: XIA

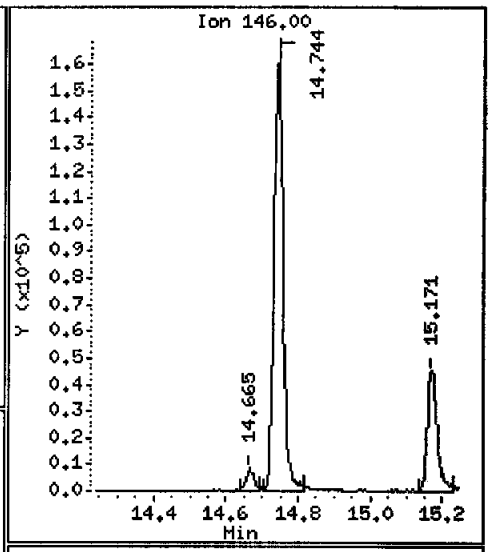
Column phase: RTX-502.2

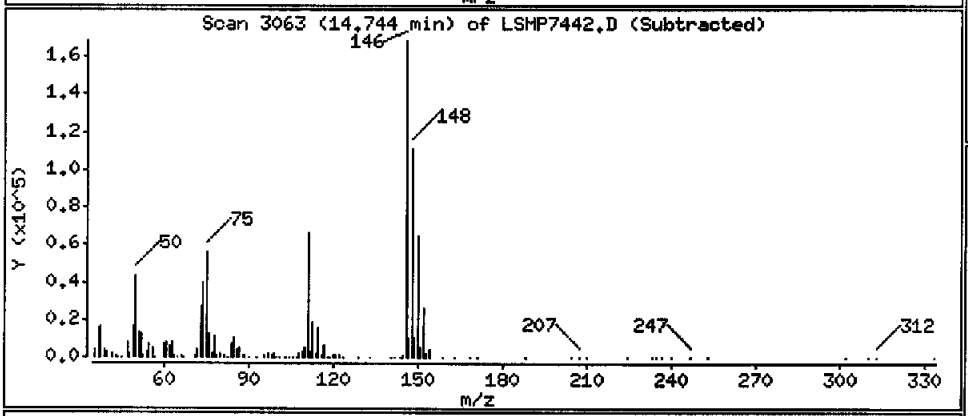
Column diameter: 0.25

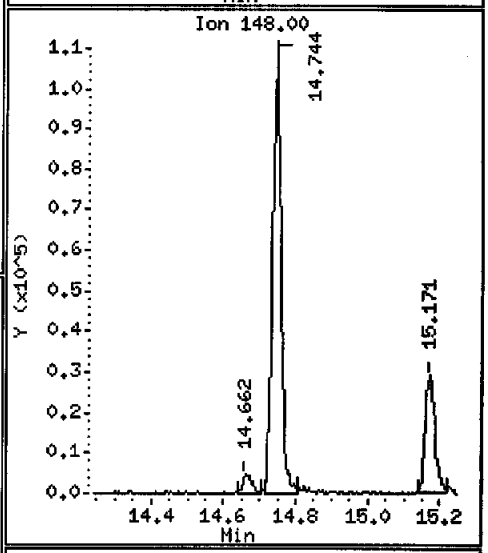
95 1,4-Dichlorobenzene

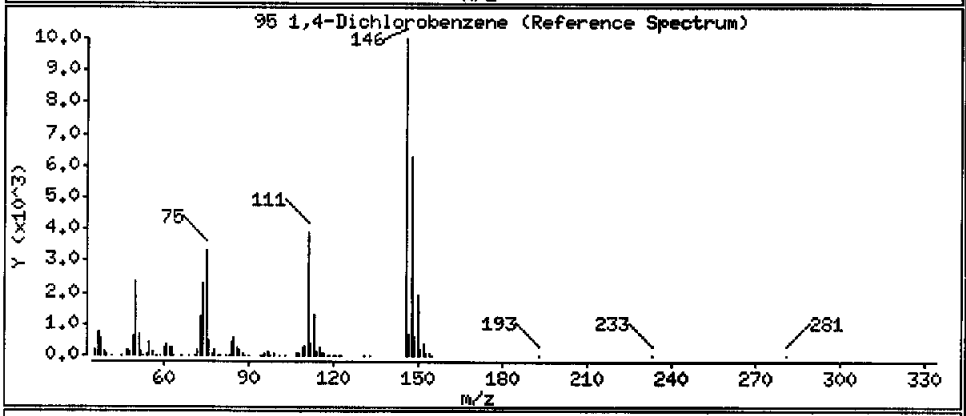
Concentration: 8.119 ug/L

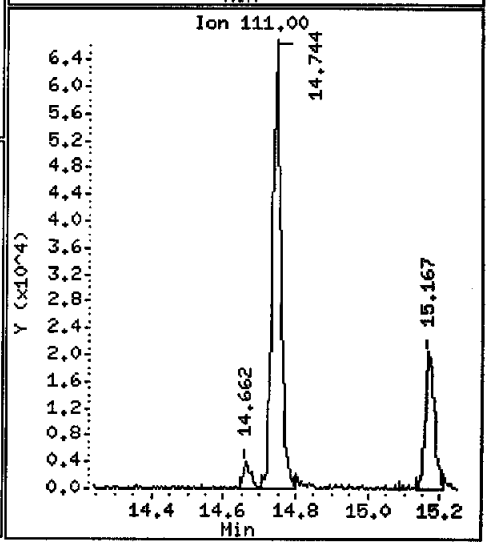


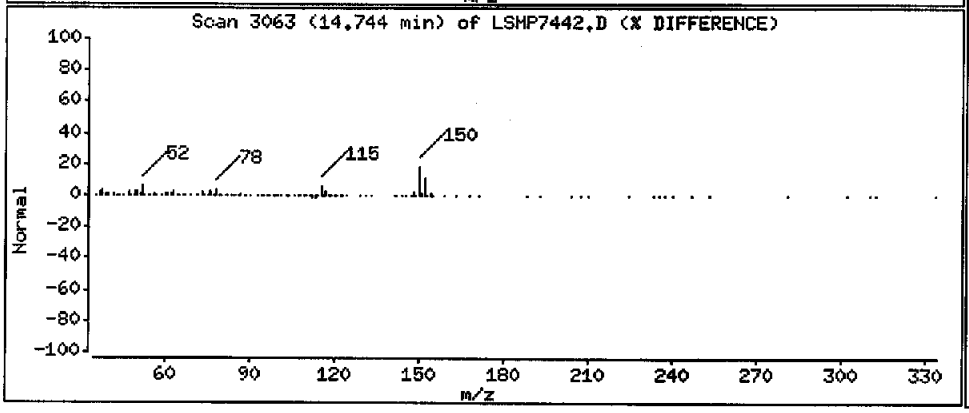












Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D

Date : 21-DEC-2007 21:37

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE921AA

Purge Volume: 25.0

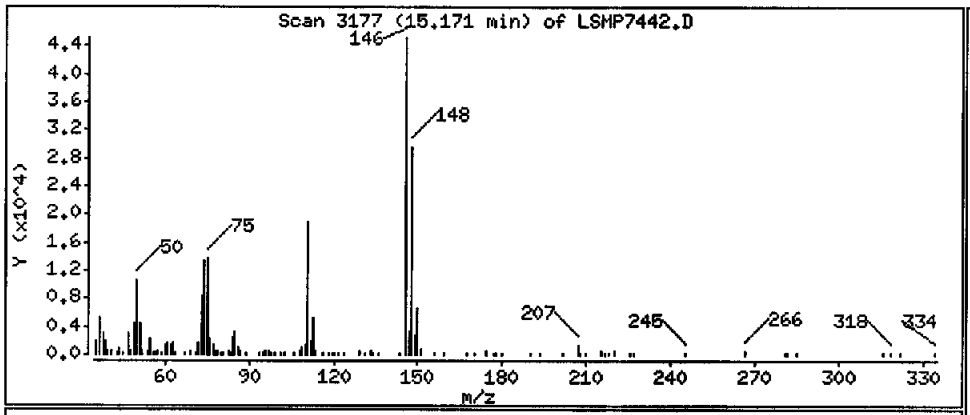
Operator: XIA

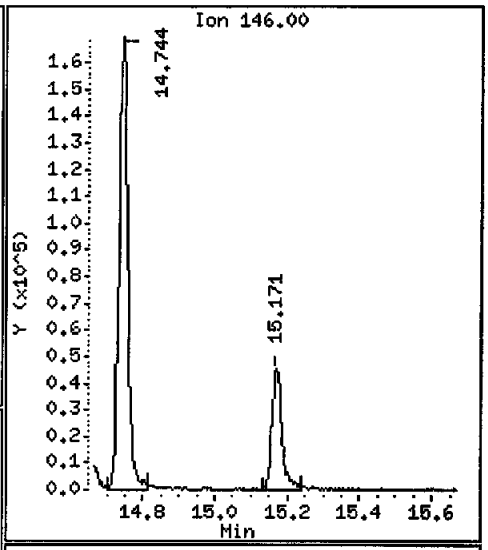
Column phase: RTX-502.2

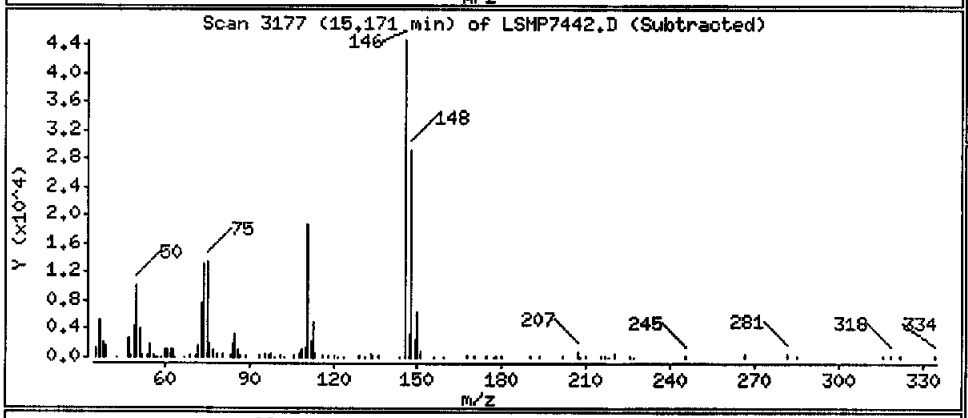
Column diameter: 0.25

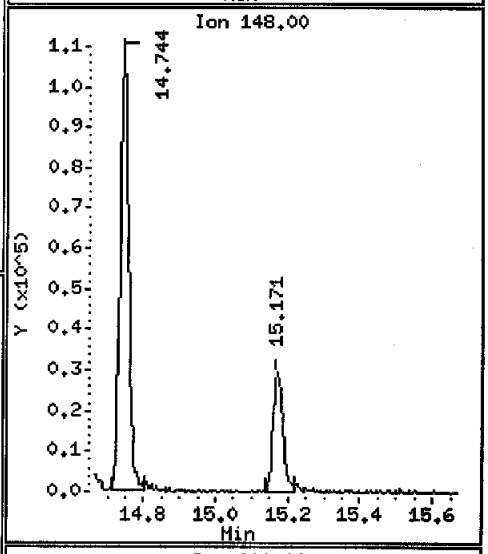
98 1,2-Dichlorobenzene

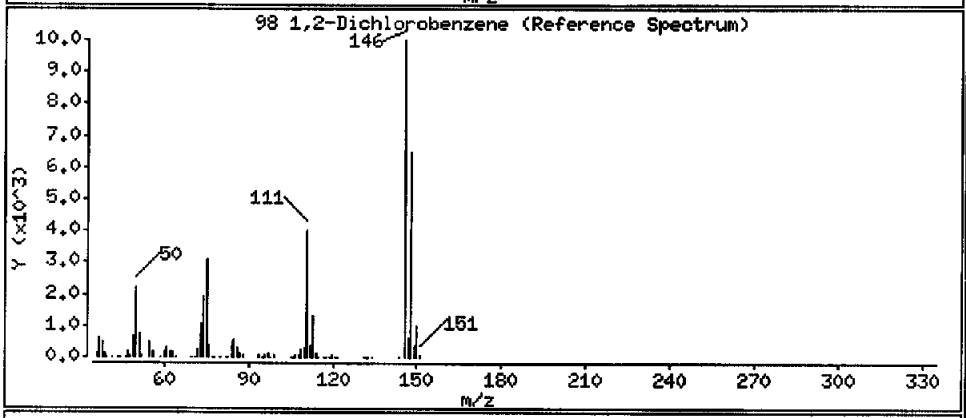
Concentration: 3.357 ug/L

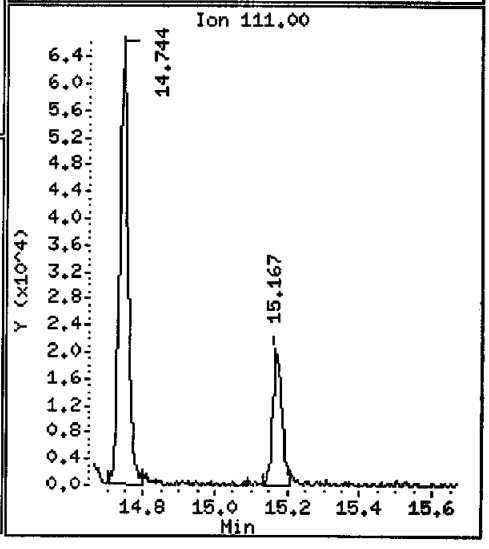


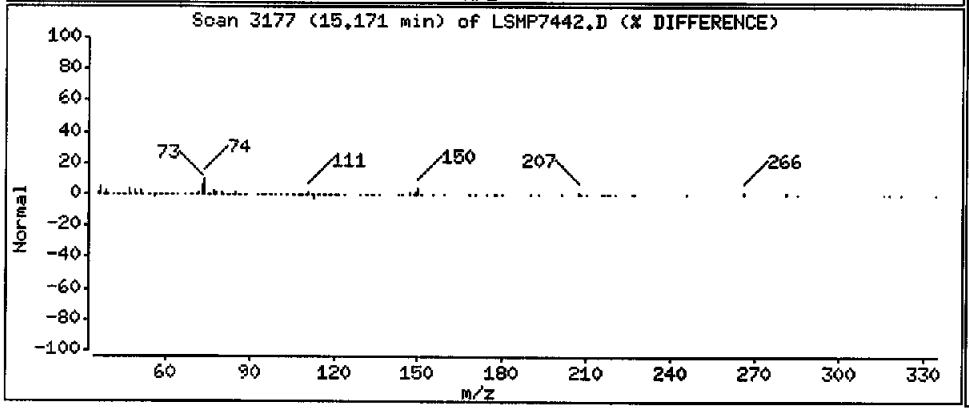






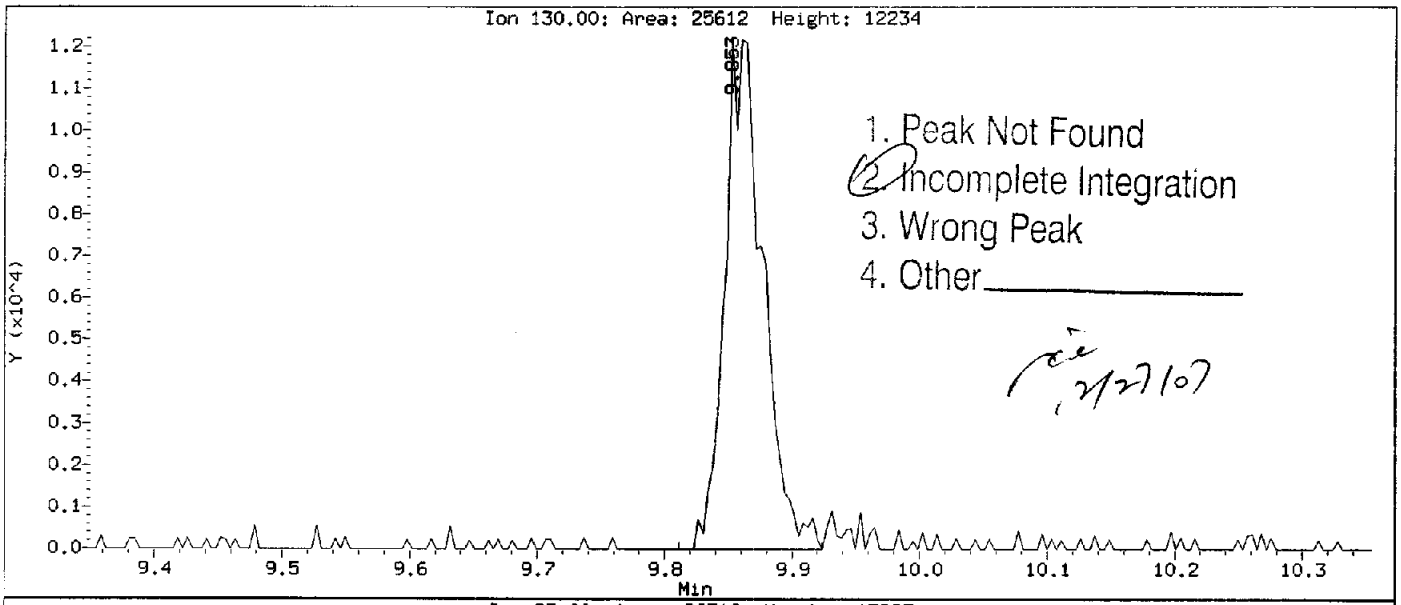


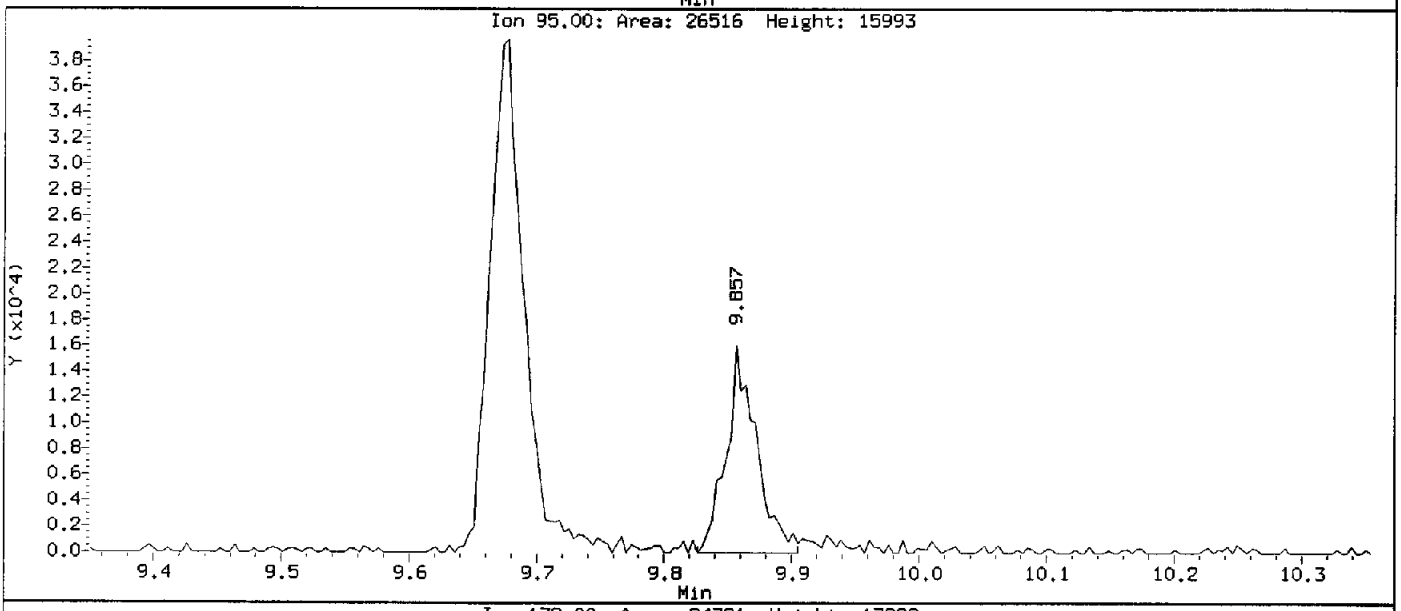


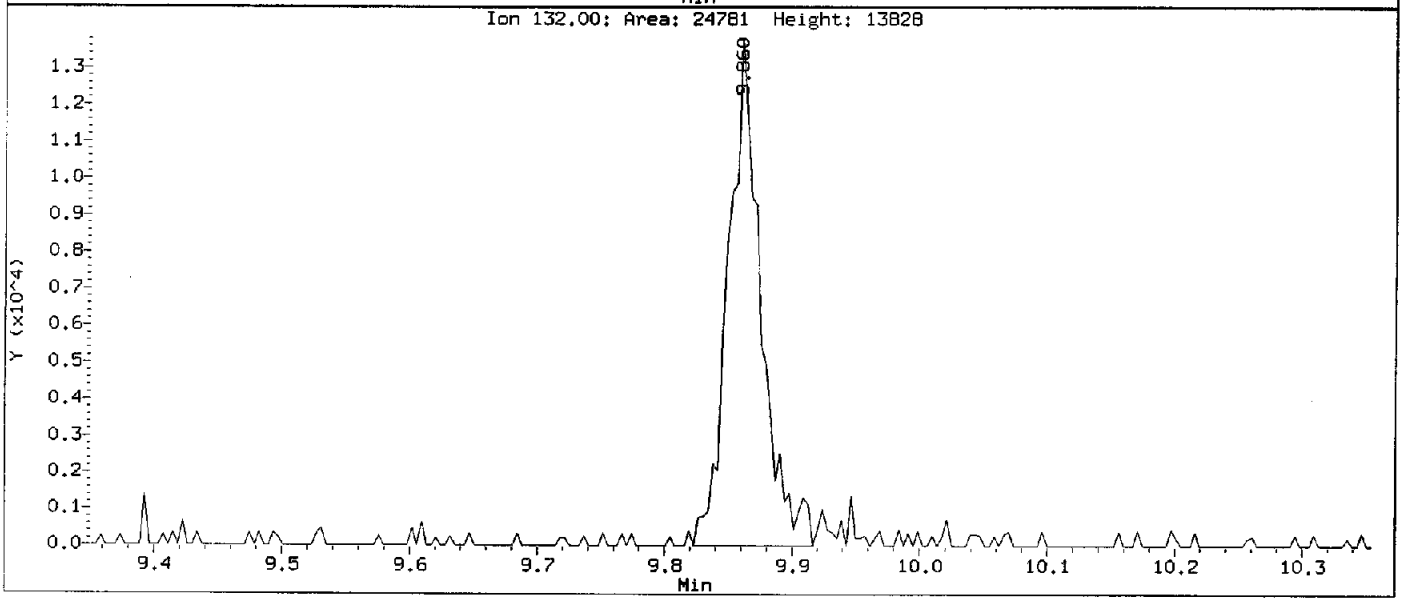


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7442.D
Injection Date: 21-DEC-2007 21:37
Instrument: MSL.i
Client Sample ID: M-57A

Compound: Trichloroethene
CAS Number: 79-01-6







Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7511.D
Report Date: 28-Dec-2007 14:10

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7511.D
Lab Smp Id: KEE923AA Client Smp ID: M-57A
Inj Date : 27-DEC-2007 17:20
Operator : XIA Inst ID: MSL.i
Smp Info : KEE923AA
Misc Info : VBLKL361A;F7L190135-005;7362155;50X
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	0.50000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	15 Methylene Chloride	84	6.971	6.967	(0.721)	20091	1.10564	55.28
	31 Chloroform	83	8.711	8.707	(0.901)	281311	8.32356	416.2
$	36 Dibromofluoromethane	113	8.909	8.905	(0.921)	143534	11.8572	592.8
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	111140	11.6750	583.7
*	45 Fluorobenzene	96	9.673	9.672	(1.000)	816520	10.0000	
$	57 Toluene-d8	98	11.087	11.083	(0.885)	787006	9.64214	482.1
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	545902	10.0000	
$	78 4-Bromofluorobenzene	95	13.651	13.647	(0.927)	196437	10.5069	525.3
*	94 1,4 Dichlorobenzene-d4	152	14.728	14.721	(1.000)	190259	10.0000	

12/28/07

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7511.D
Report Date: 28-Dec-2007 14:10

STL St. Louis

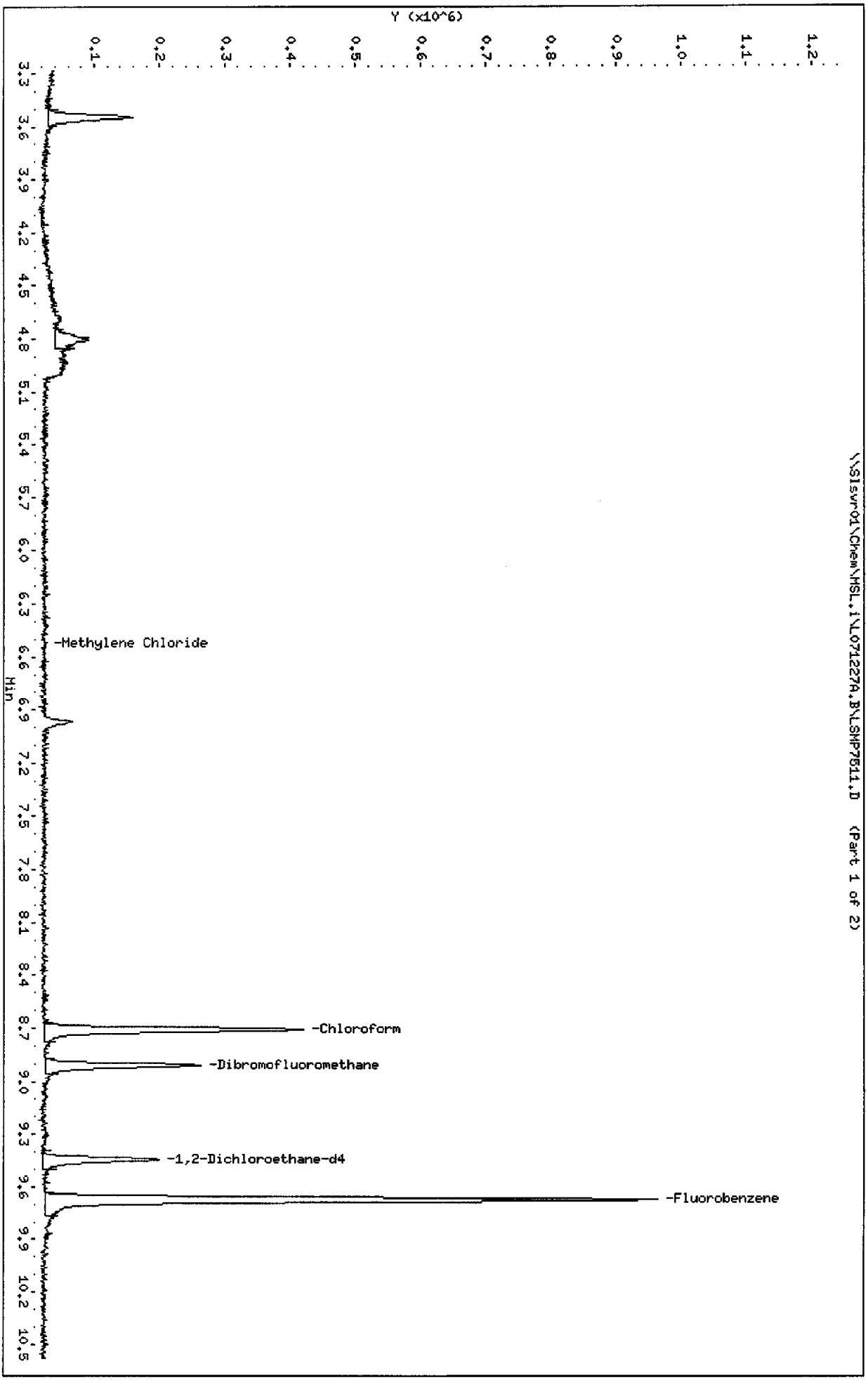
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LSMP7511.D
Lab Smp Id: KEE923AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 27-DEC-2007
Calibration Time: 11:33
Client Smp ID: M-57A
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;F7L190135-005;7362155;50X

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1414972	707486	2829944	816520	-42.29
70 Chlorobenzene-d5	860970	430485	1721940	545902	-36.59
94 1,4 Dichlorobenze	346015	173008	692030	190259	-45.01

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.73	0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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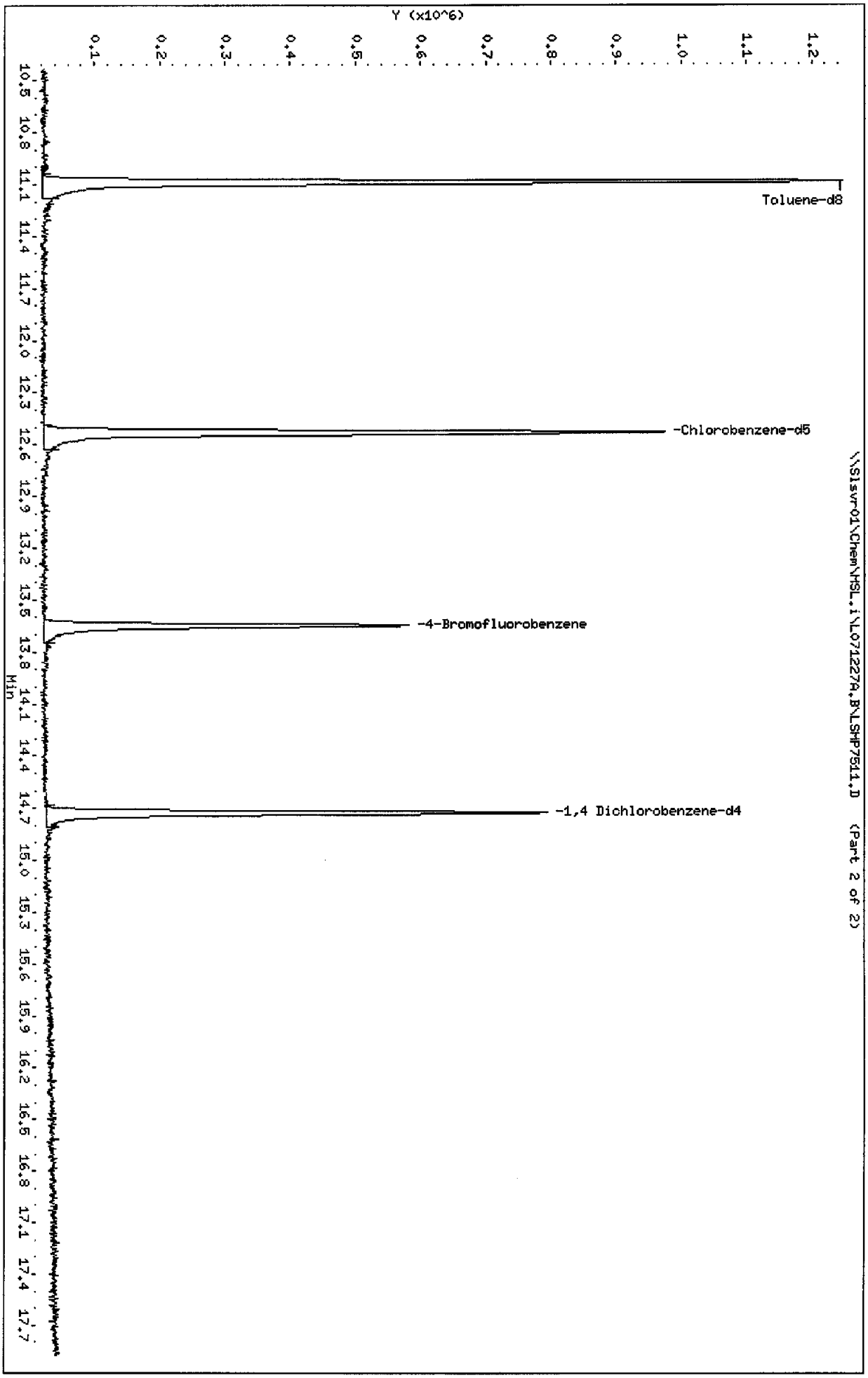
Date : 27-DEC-2007 17:20
Client ID: M-57A
Sample Info: KEE923AA
Purge Volume: 0.5
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7511.D (Part 1 of 2)
Y (x10^6)
Min
-Methylene Chloride
-Chloroform
-Dibromofluoromethane
-1,2-Dichloroethane-d4
-Fluorobenzene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Date : 27-DEC-2007 17:20
Client ID: M-57A
Sample Info: KEE9233A
Purge Volume: 0.5
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8
-Chlorobenzene-d5
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4
\\Slsvr01\Chem\MSL.i\L071227A.B\LSHP7514.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7511.D

Date : 27-DEC-2007 17:20

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE923AA

Purge Volume: 0.5

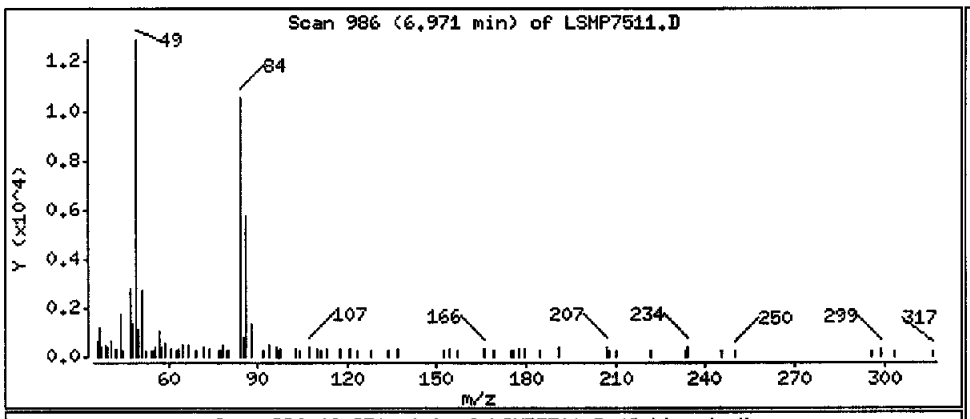
Operator: XIA

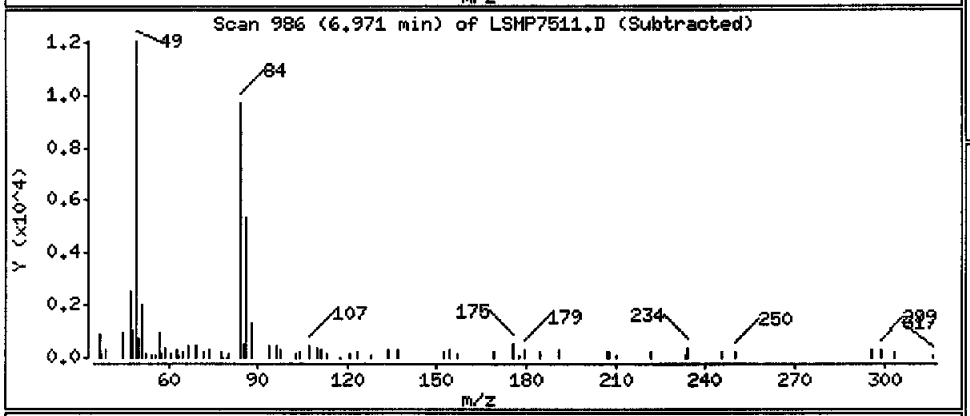
Column phase: RTX-502.2

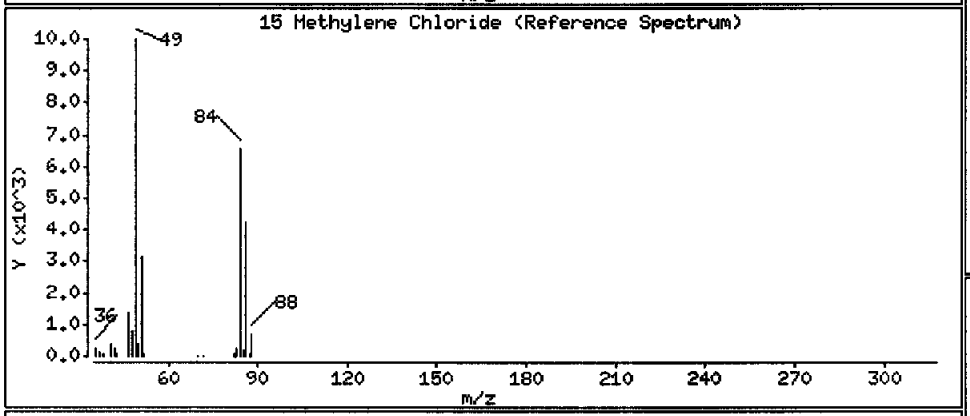
Column diameter: 0.25

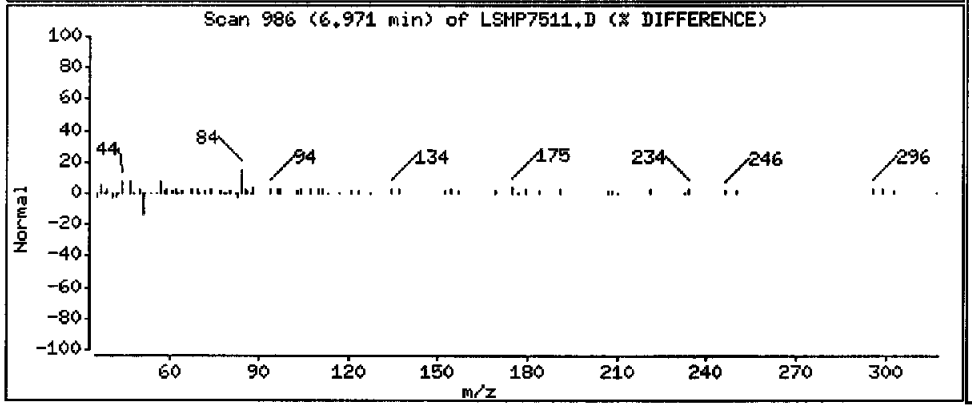
15 Methylene Chloride

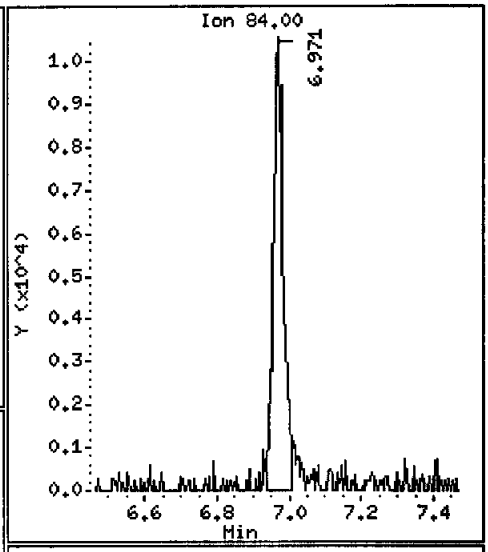
Concentration: 55.28 ug/L

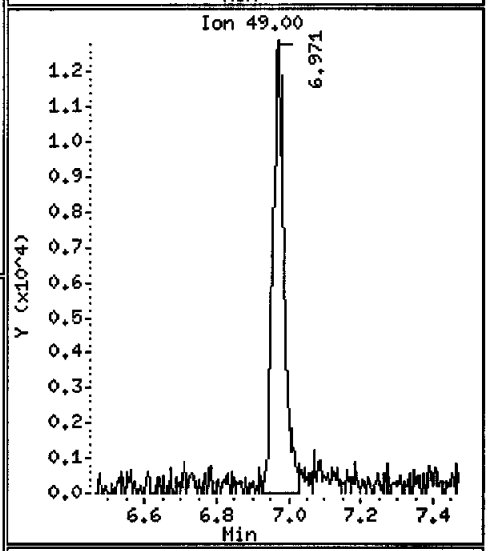


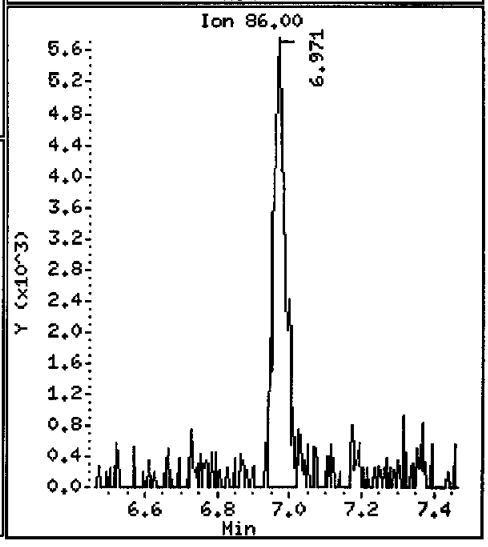












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7511.D

Date : 27-DEC-2007 17:20

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE923AA

Purge Volume: 0.5

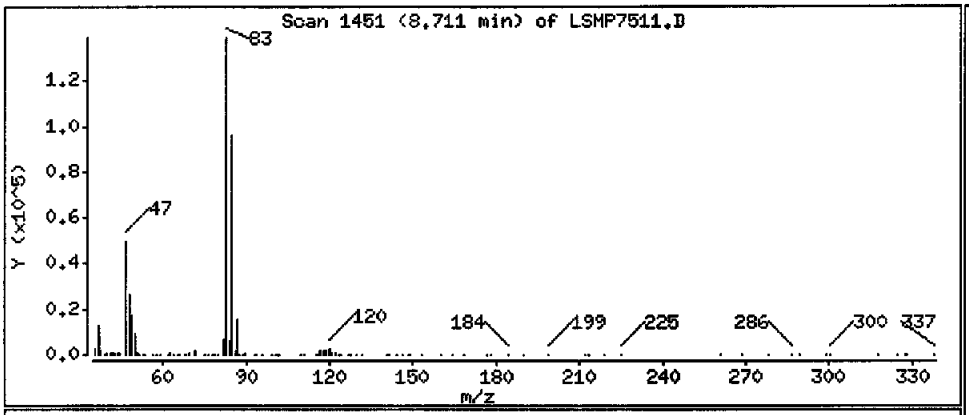
Operator: XIA

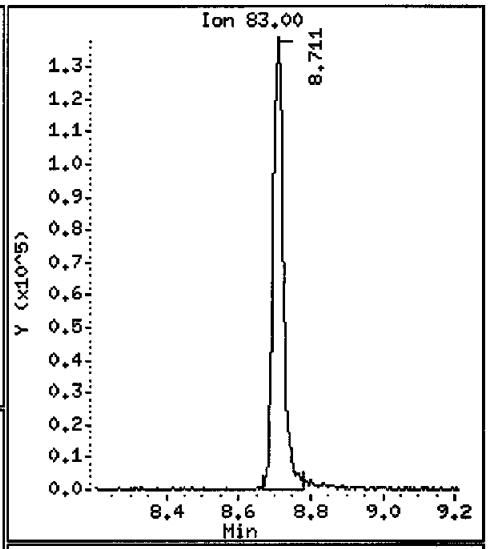
Column phase: RTX-502.2

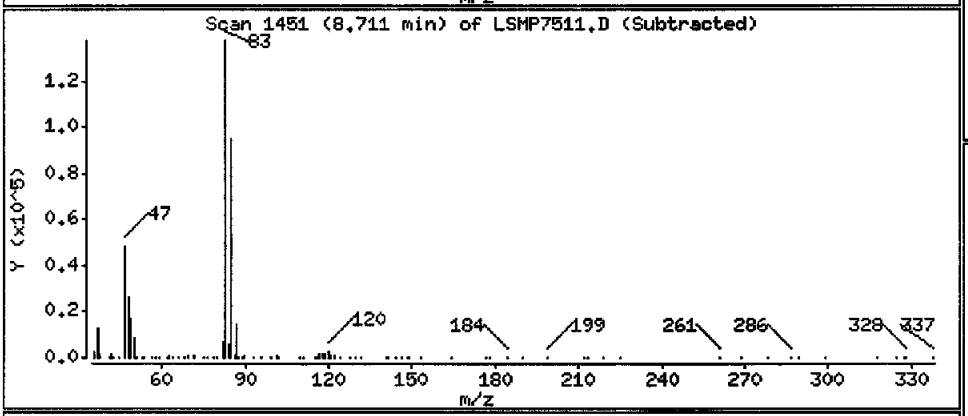
Column diameter: 0.25

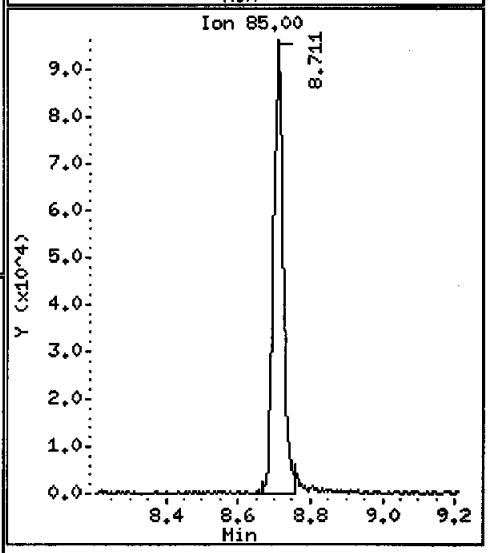
31 Chloroform

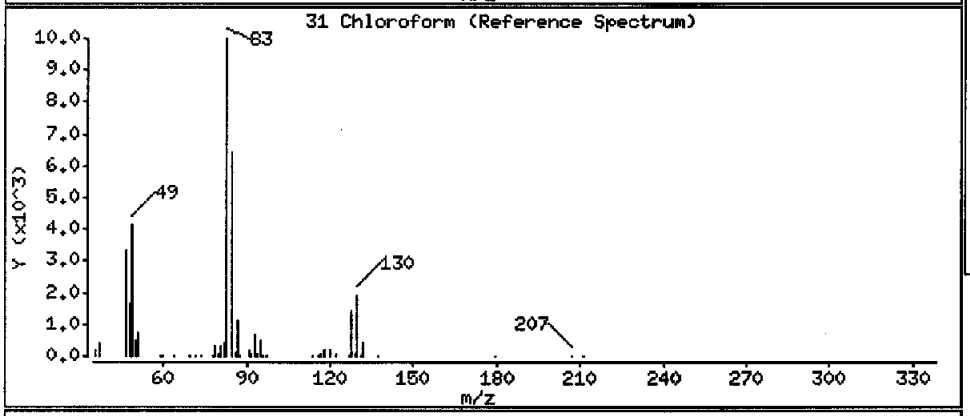
Concentration: 416.2 ug/L

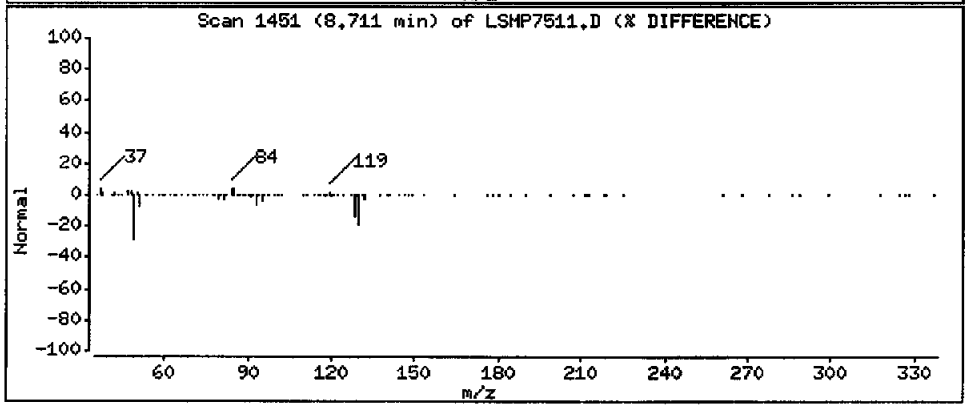












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D
Report Date: 26-Dec-2007 11:32

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D
Lab Smp Id: KEE922AA Client Smp ID: M-57A
Inj Date : 24-DEC-2007 20:40
Operator : XIA Inst ID: MSL.i
Smp Info : KEE922AA
Misc Info : VBLKL358A;F7L190135-005;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	31 Chloroform	83	8.692	8.707	(0.899)	20449686	522.271	522.3(A)
	33 Carbon Tetrachloride	117	8.902	8.894	(0.920)	75603	2.36286	2.363
$	36 Dibromofluoromethane	113	8.909	8.905	(0.921)	163422	11.6526	11.65
	40 Benzene	78	9.328	9.313	(0.964)	25623	0.23412	0.2341(M)
$	43 1,2-Dichloroethane-d4	65	9.444	9.441	(0.976)	130857	11.8651	11.86
	44 1,2-Dichloroethane	62	9.519	9.512	(0.984)	6317	0.42987	0.4299(M)
*	45 Fluorobenzene	96	9.673	9.669	(1.000)	945976	10.0000	
	48 Trichloroethene	130	9.856	9.852	(1.019)	26909	1.01515	1.015
$	57 Toluene-d8	98	11.087	11.083	(0.885)	928520	9.98674	9.987
	62 Tetrachloroethene	164	11.525	11.521	(0.920)	14654	0.74653	0.7465(M)
*	70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	621838	10.0000	
	71 Chlorobenzene	112	12.550	12.547	(1.001)	202201	3.03181	3.032
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	228831	9.34368	9.344
	93 1,3-Dichlorobenzene	146	14.665	14.657	(0.996)	17300	0.37698	0.3770
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	249226	10.0000	
	95 1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	357407	7.89771	7.898
	98 1,2-Dichlorobenzene	146	15.170	15.166	(1.030)	114537	3.37355	3.374

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D
Report Date: 26-Dec-2007 11:32

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D
Report Date: 26-Dec-2007 11:32

STL St. Louis

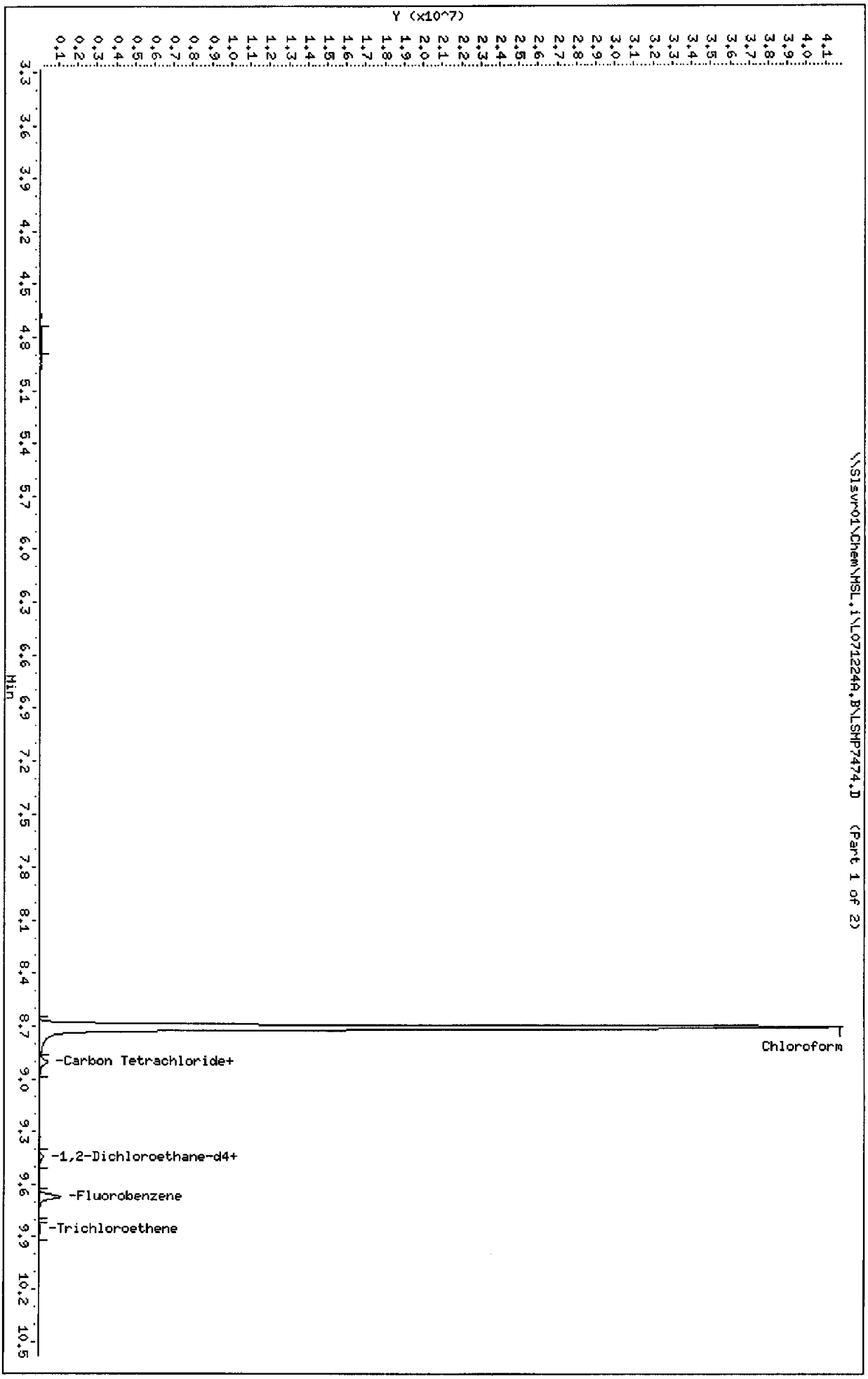
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LSMP7474.D
Lab Smp Id: KEE922AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: M-57A
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L190135-005;7360149;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	945976	-21.37
70 Chlorobenzene-d5	752404	376202	1504808	621838	-17.35
94 1,4 Dichlorobenze	317211	158606	634422	249226	-21.43

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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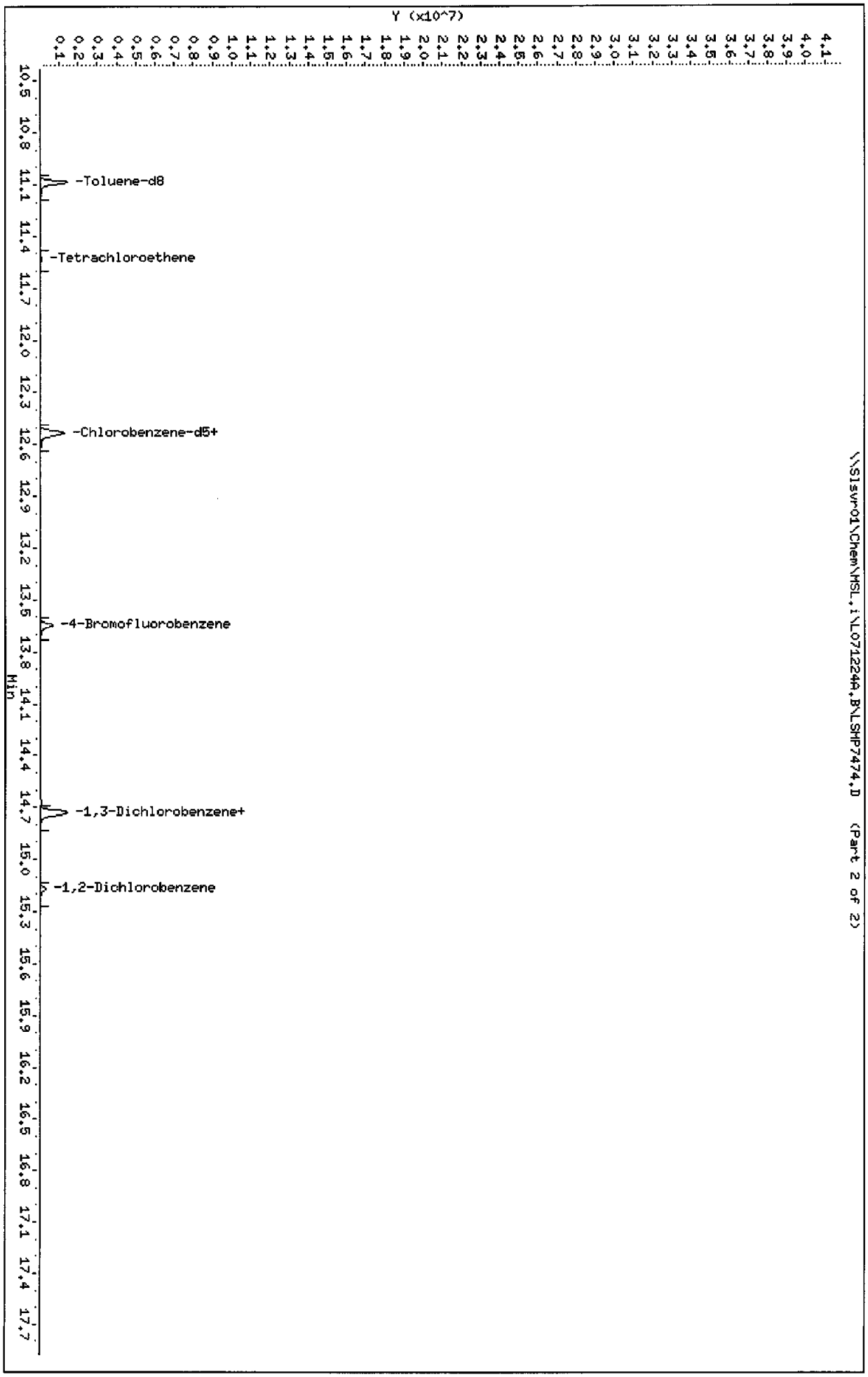
Date : 24-DEC-2007 20:40
Client ID: M-57A
Sample Info: KEE922AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D (Part 1 of 2)
Y (x10^7)
Min
Chloroform
-Carbon Tetrachloride+
-1,2-Dichloroethane-d4+
-Fluorobenzene
-Trichloroethene


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7474.D
Date : 24-DEC-2007 20:40
Client ID: H-57A
Sample Info: KEE9224A
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7474.D (Part 2 of 2)
Y (x10^7)
-Toluene-d8
-Tetrachloroethene
-Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,3-Dichlorobenzene+
-1,2-Dichlorobenzene
Min

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D

Date : 24-DEC-2007 20:40

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE922AA

Purge Volume: 25.0

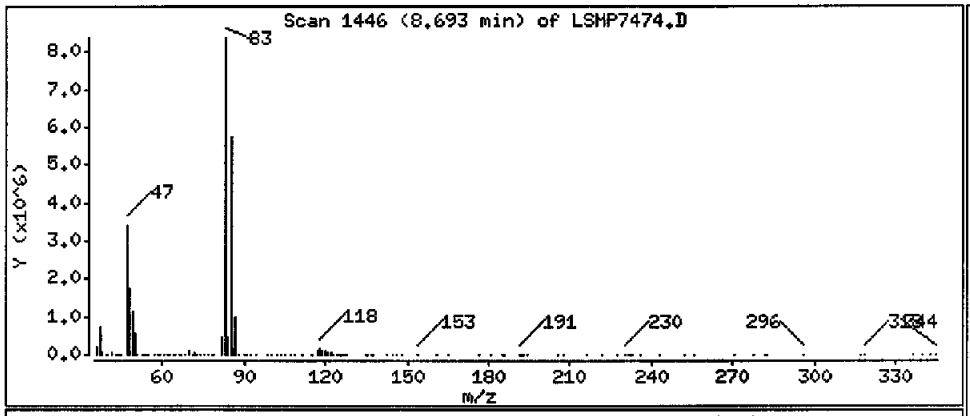
Operator: XIA

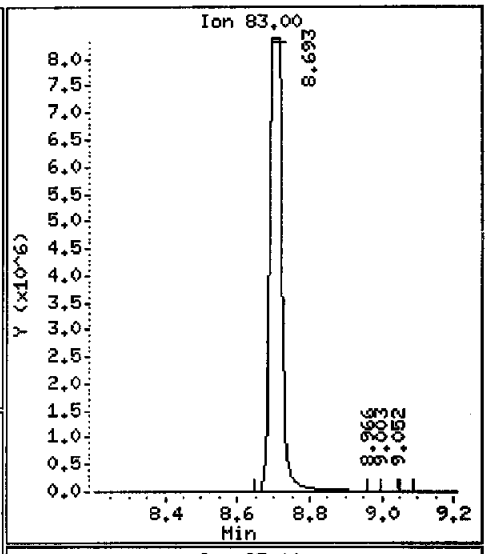
Column phase: RTX-502.2

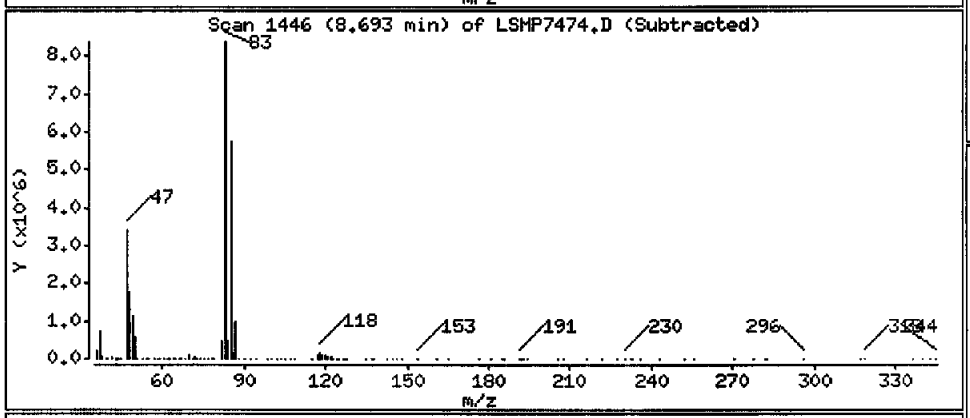
Column diameter: 0.25

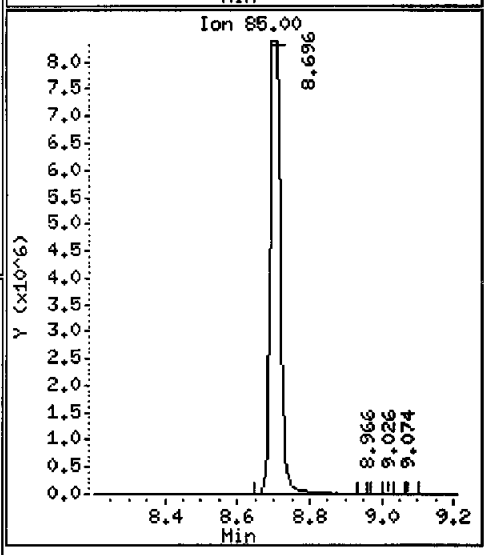
31 Chloroform

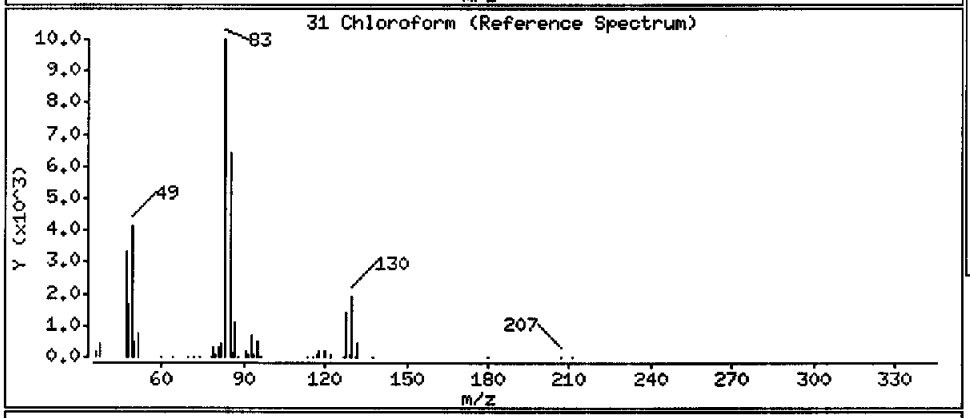
Concentration: 522.3 ug/L

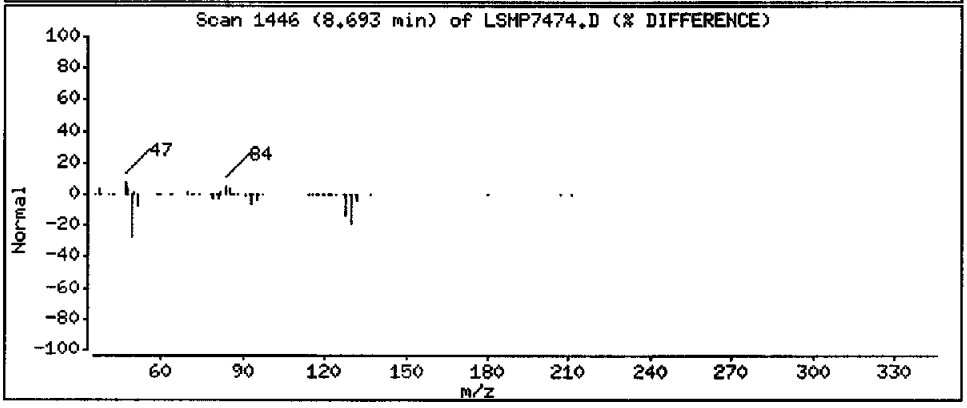












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Date : 24-DEC-2007 20:40

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE922AA

Purge Volume: 25.0

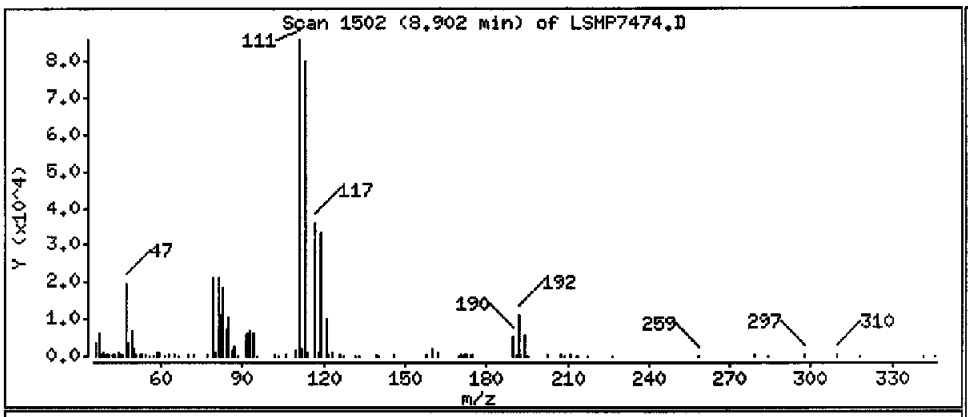
Operator: XIA

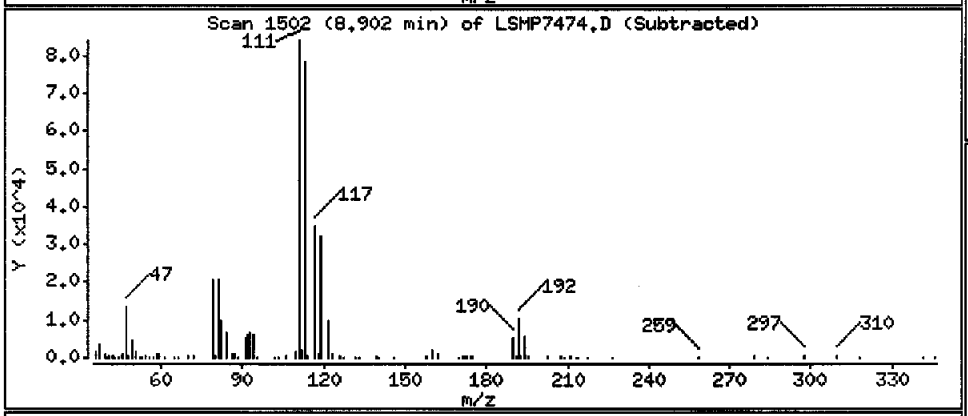
Column phase: RTX-502.2

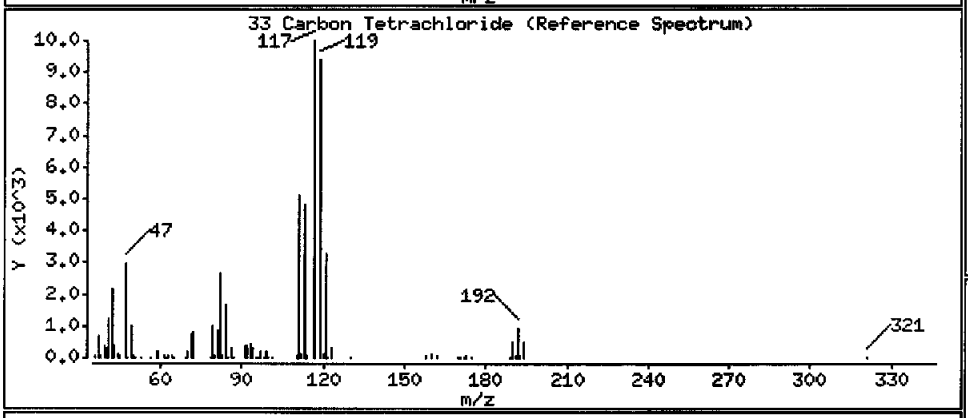
Column diameter: 0.25

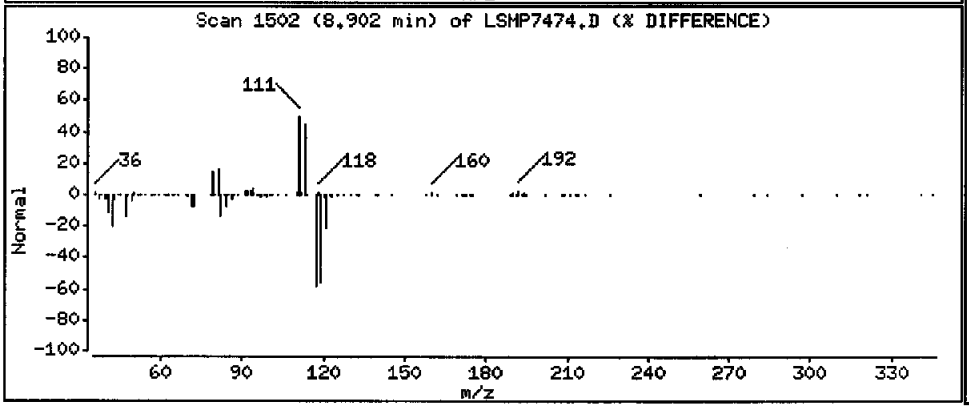
33 Carbon Tetrachloride

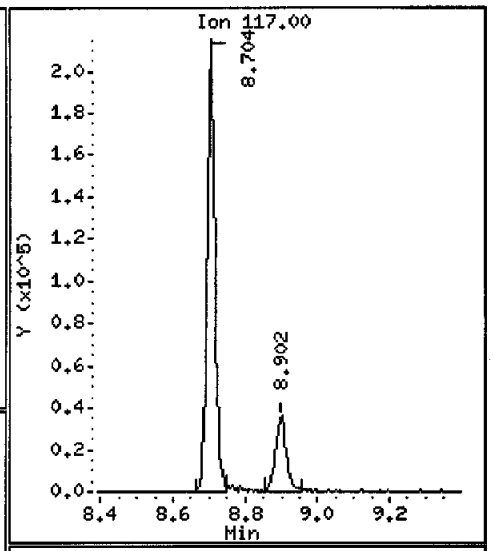
Concentration: 2.363 ug/L

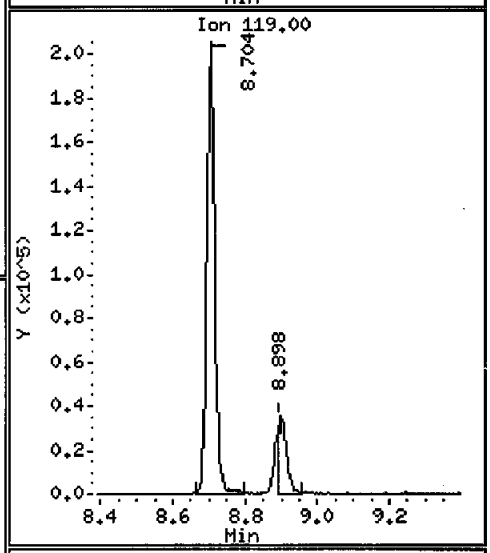


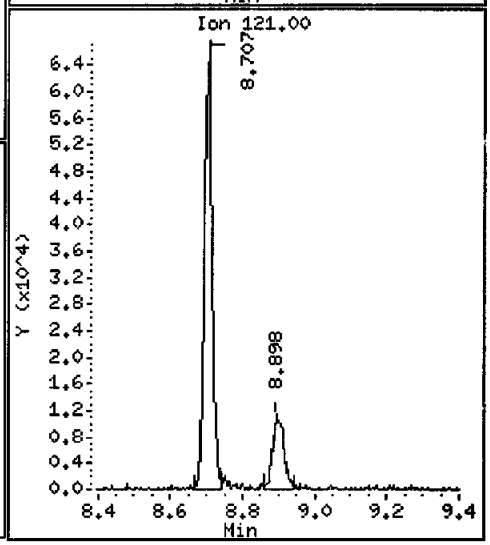












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Date : 24-DEC-2007 20:40

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE922AA

Purge Volume: 25.0

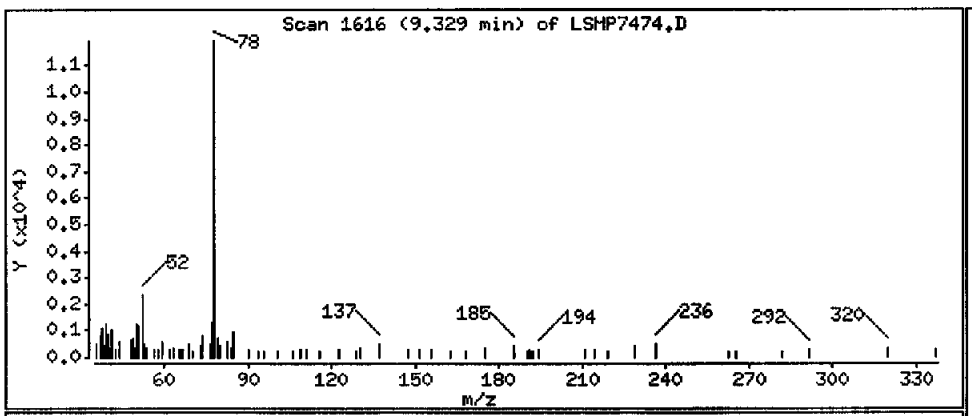
Operator: XIA

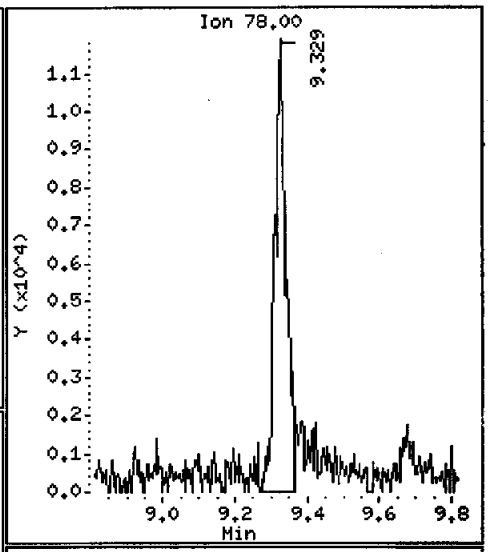
Column phase: RTX-502.2

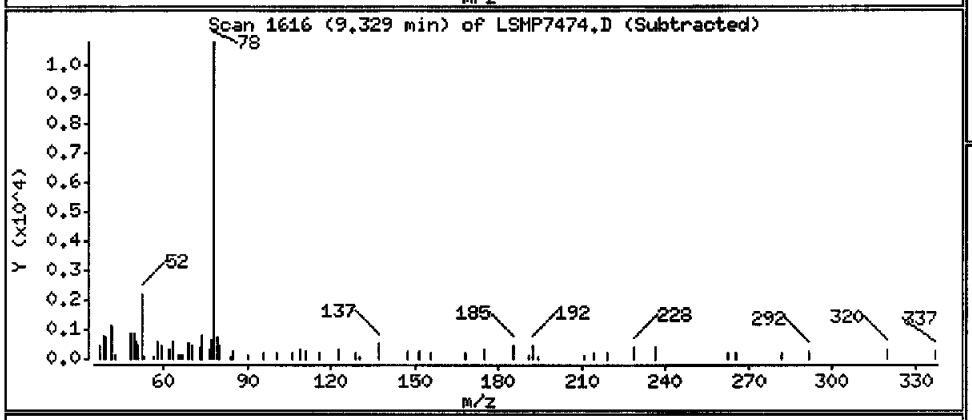
Column diameter: 0.25

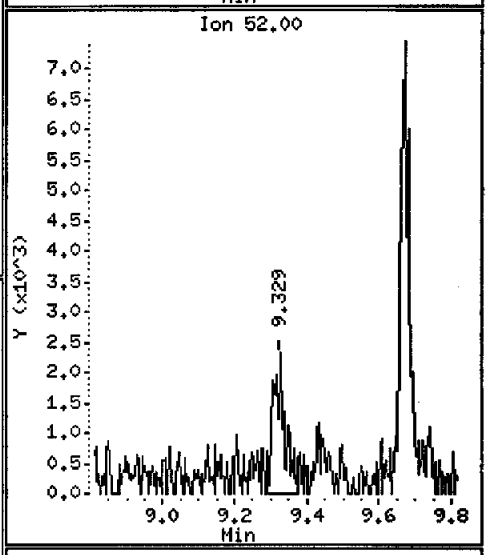
40 Benzene

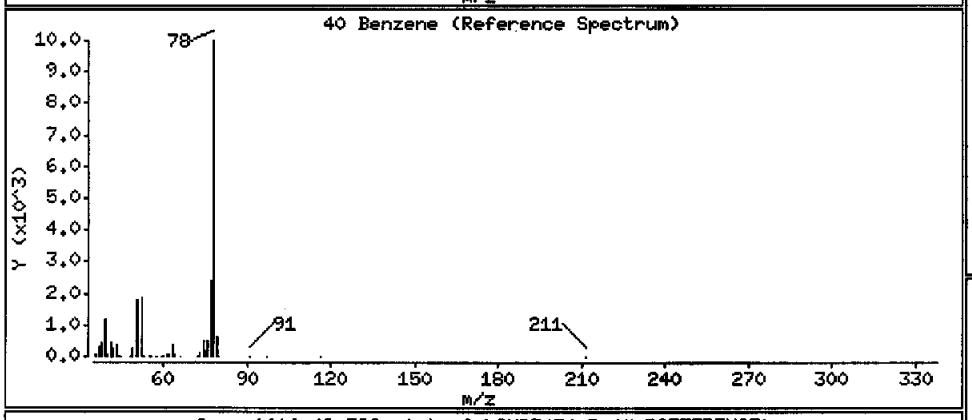
Concentration: 0.2341 ug/L

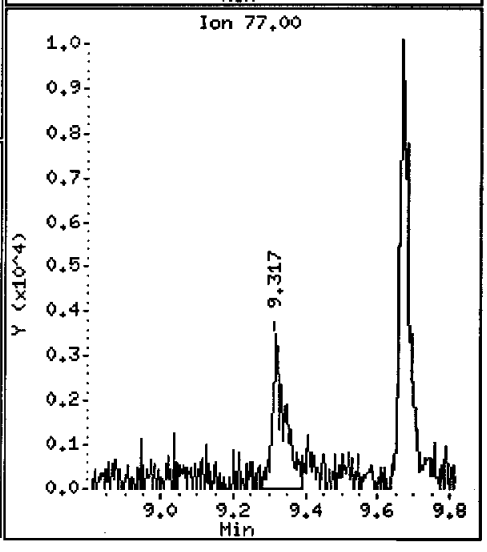


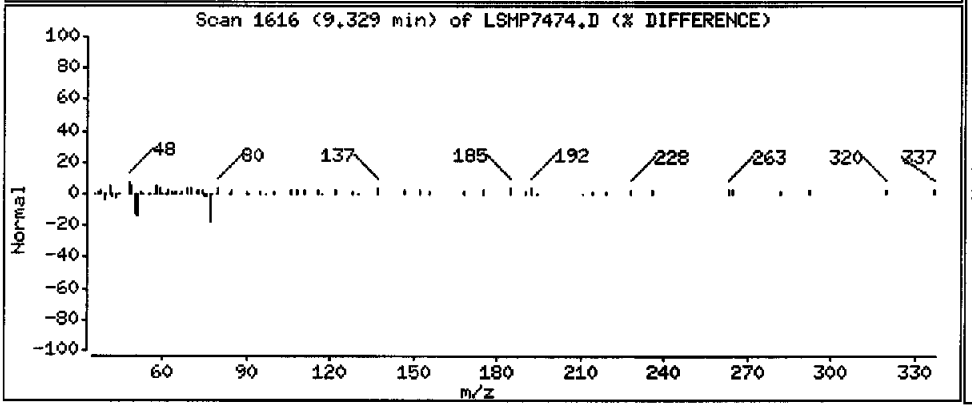












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D

Date : 24-DEC-2007 20:40

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE922AA

Purge Volume: 25.0

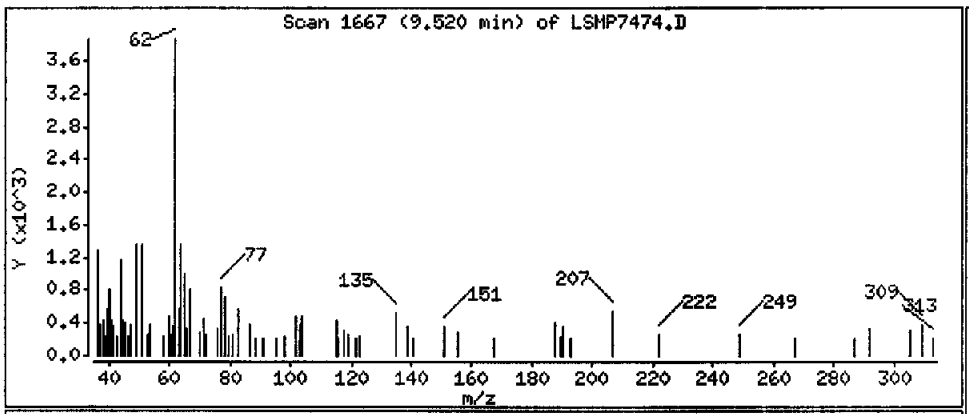
Operator: XIA

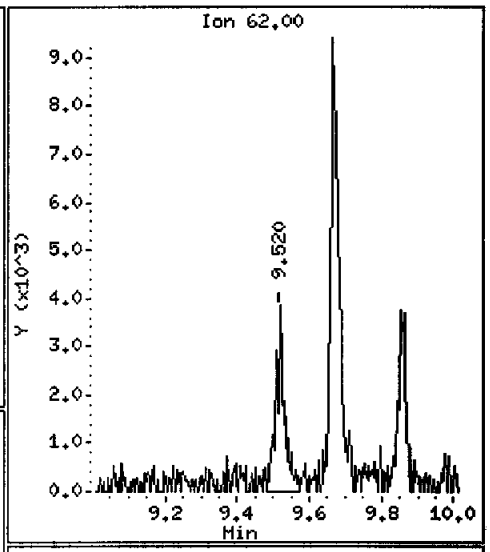
Column phase: RTX-502.2

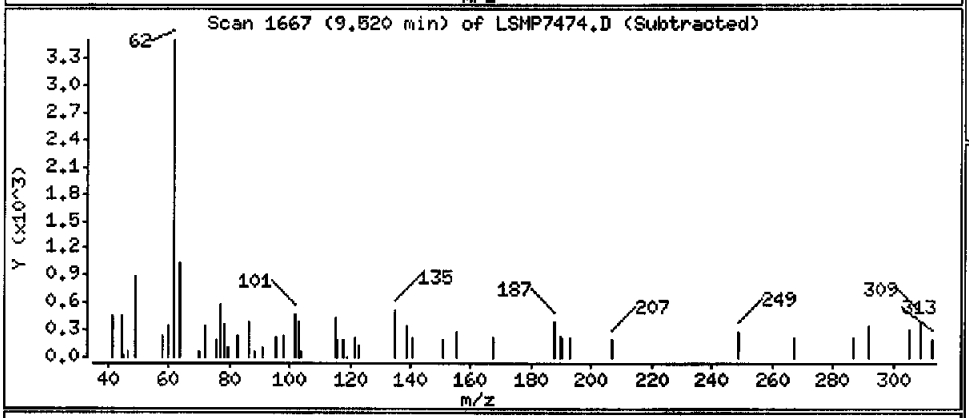
Column diameter: 0.25

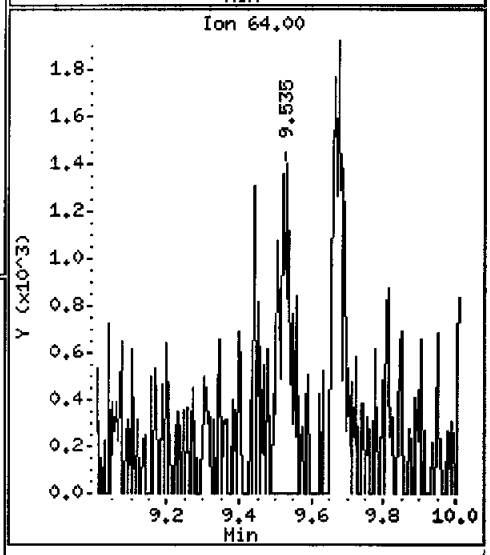
44 1,2-Dichloroethane

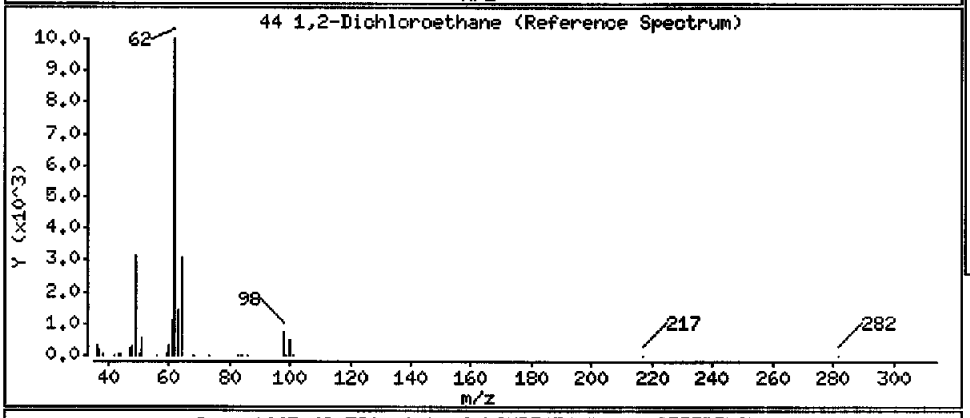
Concentration: 0.4299 ug/L

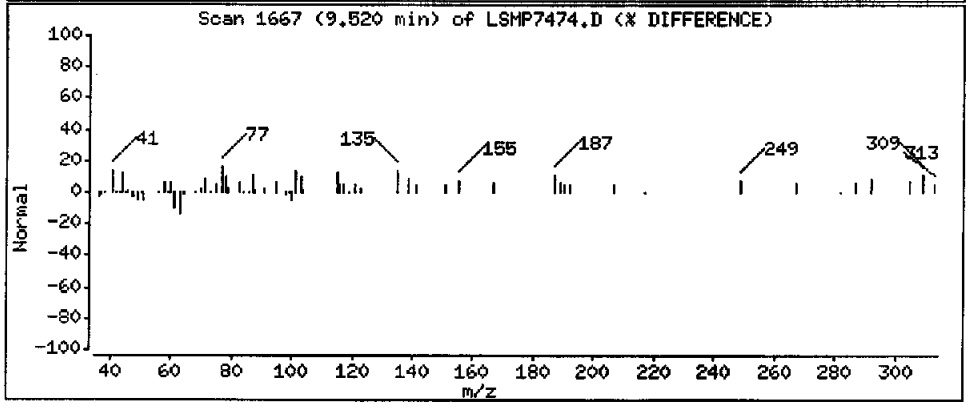












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D

Date : 24-DEC-2007 20:40

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE922AA

Purge Volume: 25.0

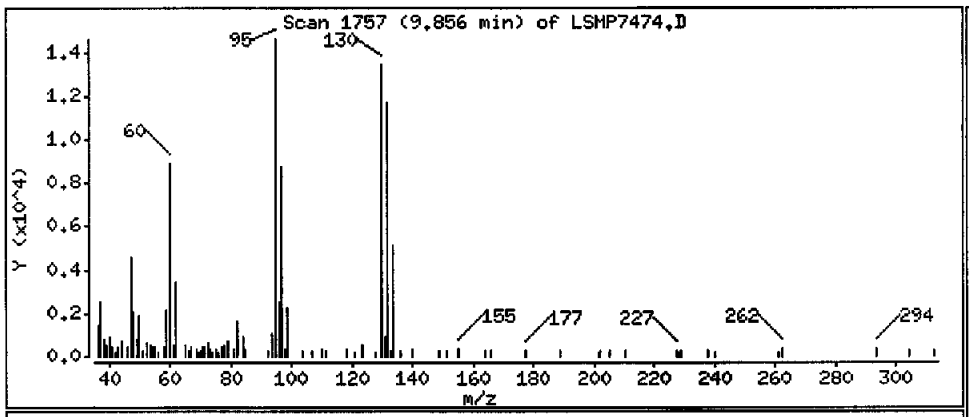
Operator: XIA

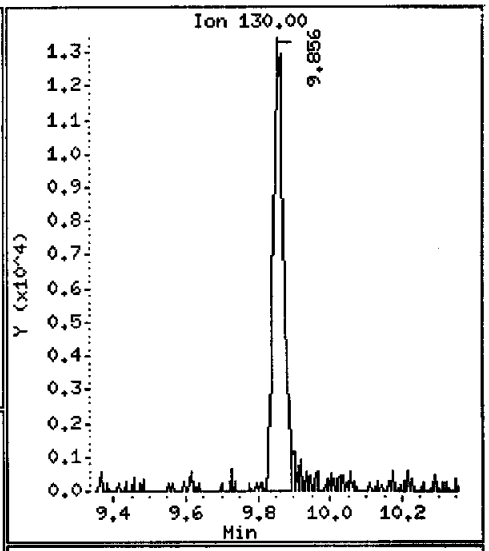
Column phase: RTX-502.2

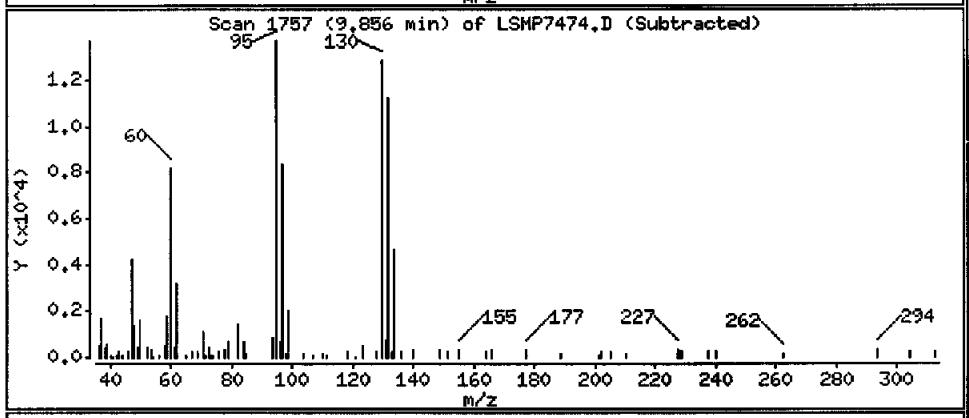
Column diameter: 0.25

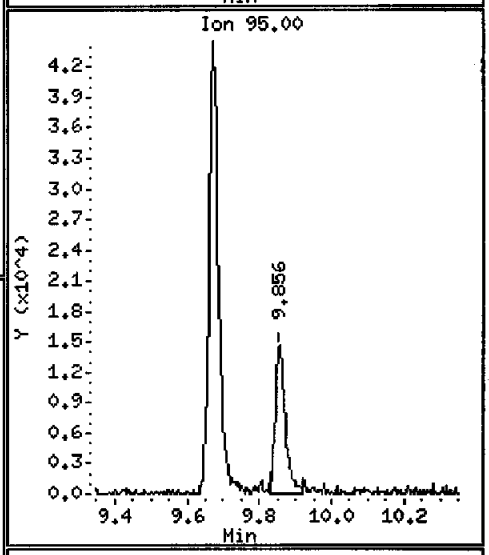
48 Trichloroethene

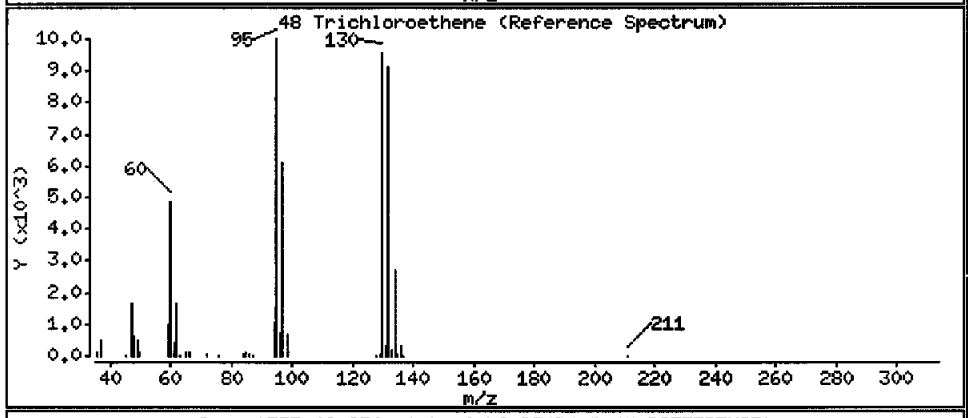
Concentration: 1.015 ug/L

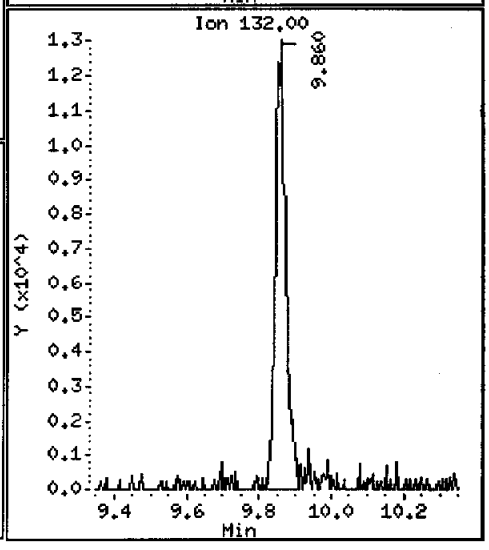


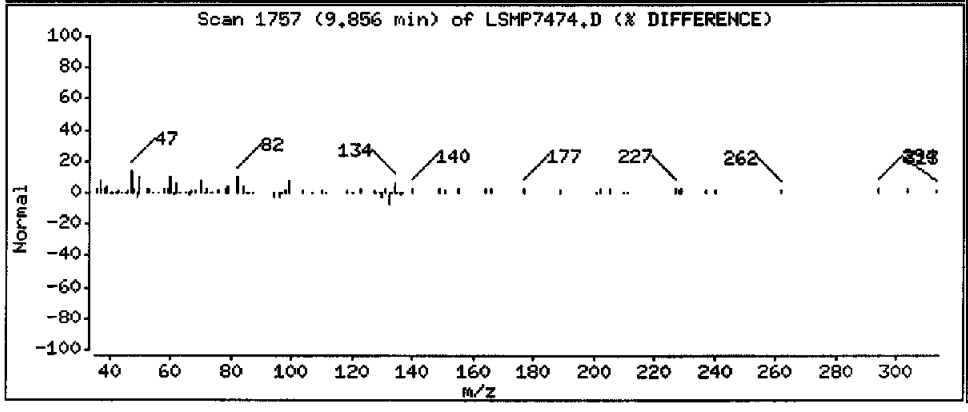












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D

Date : 24-DEC-2007 20:40

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE922AA

Purge Volume: 25.0

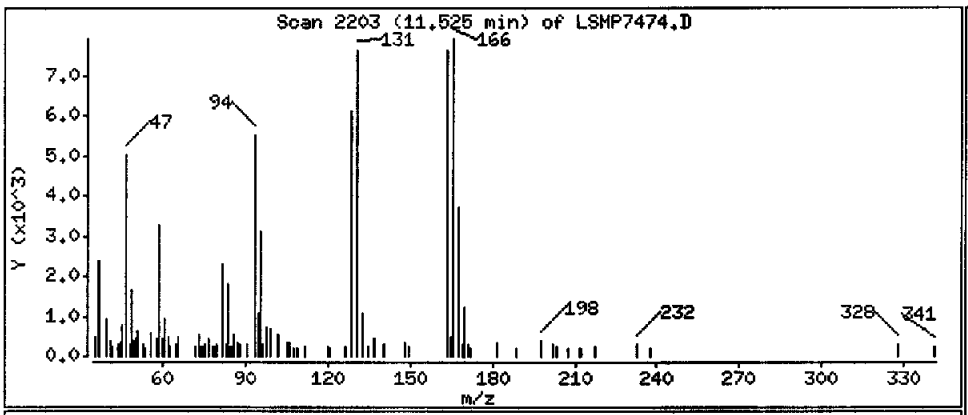
Operator: XIA

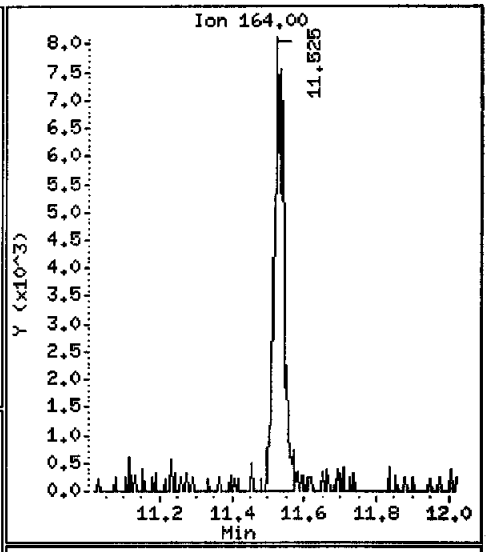
Column phase: RTX-502.2

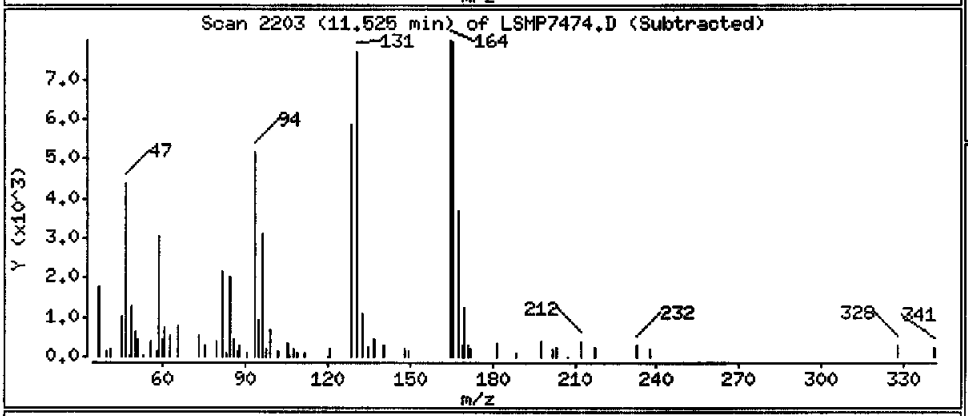
Column diameter: 0.25

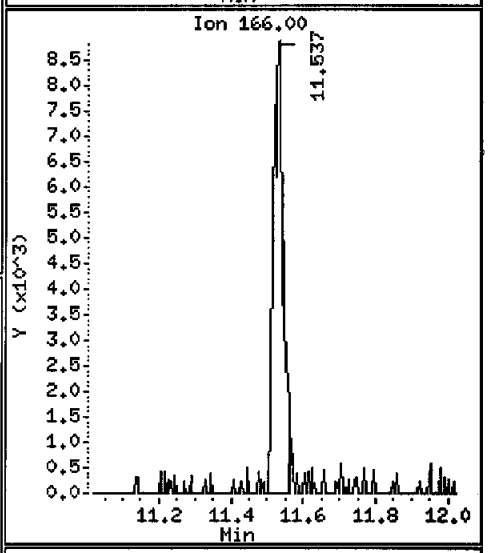
62 Tetrachloroethene

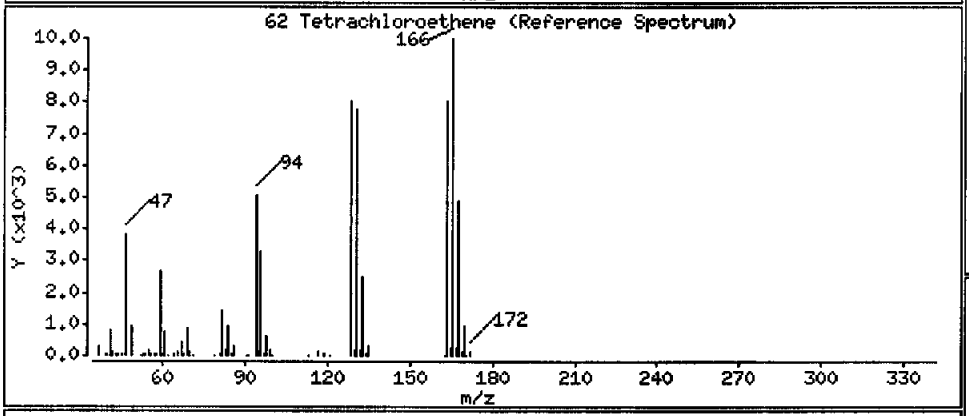
Concentration: 0.7465 ug/L

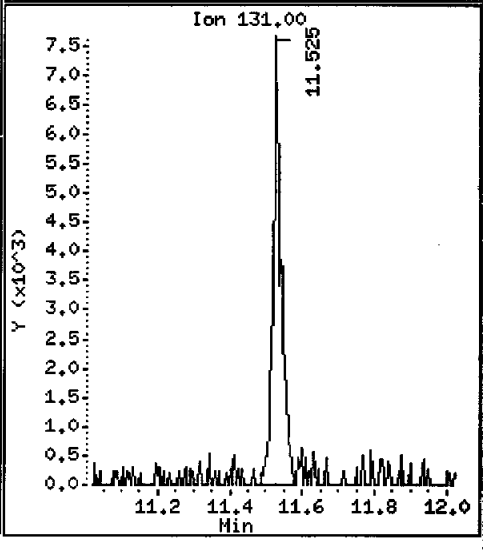


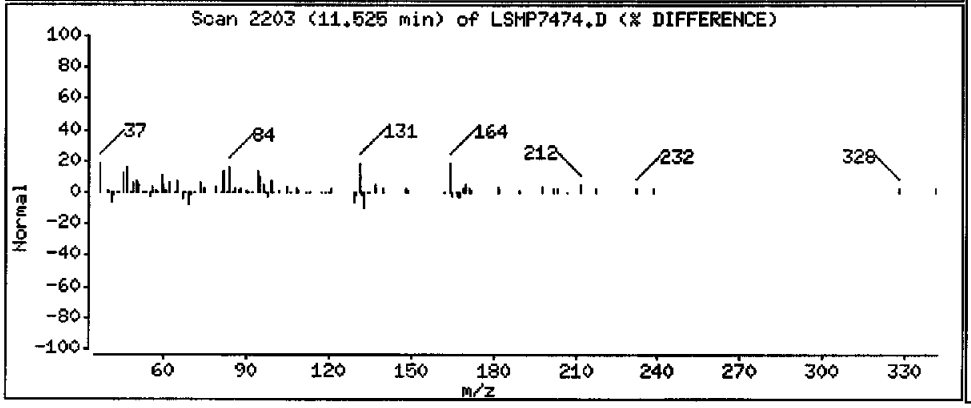












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D

Date : 24-DEC-2007 20:40

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE922AA

Purge Volume: 25.0

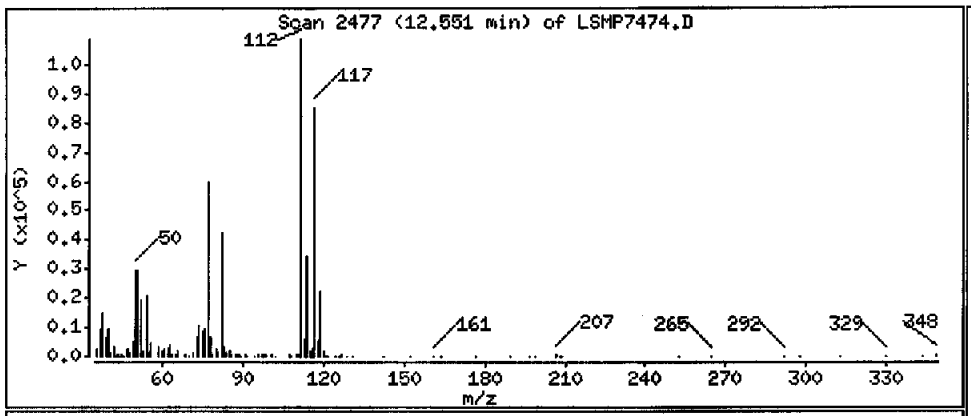
Operator: XIA

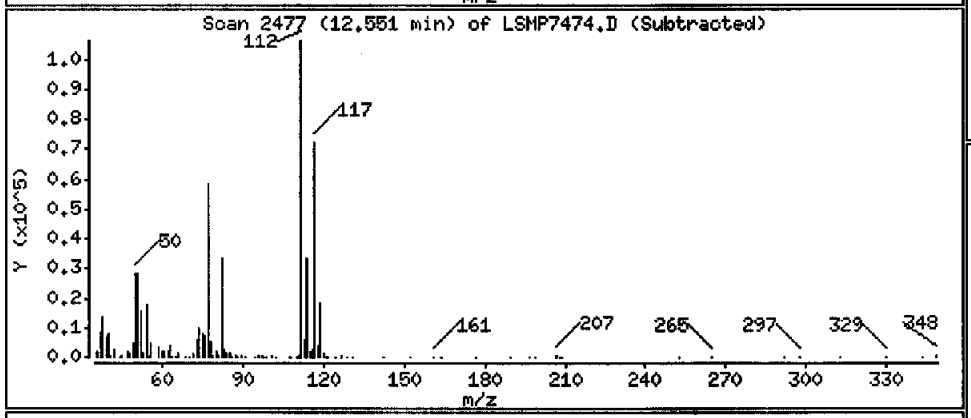
Column phase: RTX-502.2

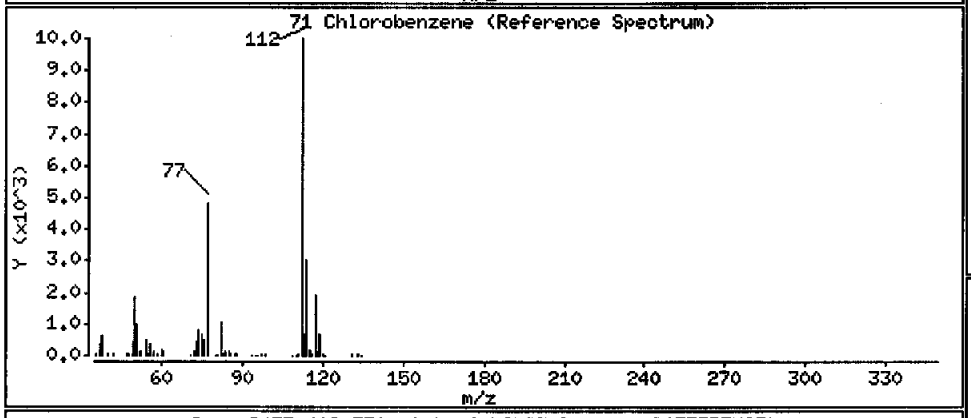
Column diameter: 0.25

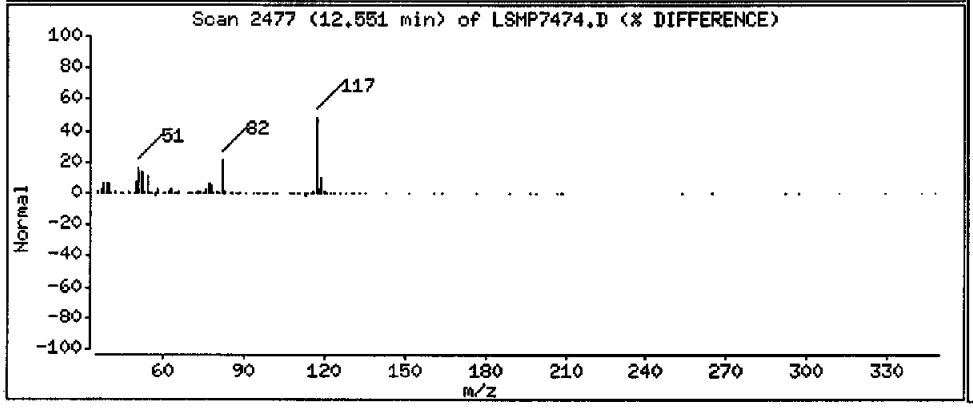
71 Chlorobenzene

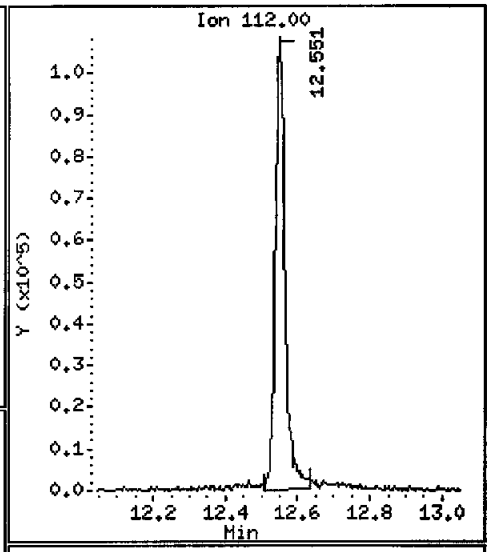
Concentration: 3.032 ug/L

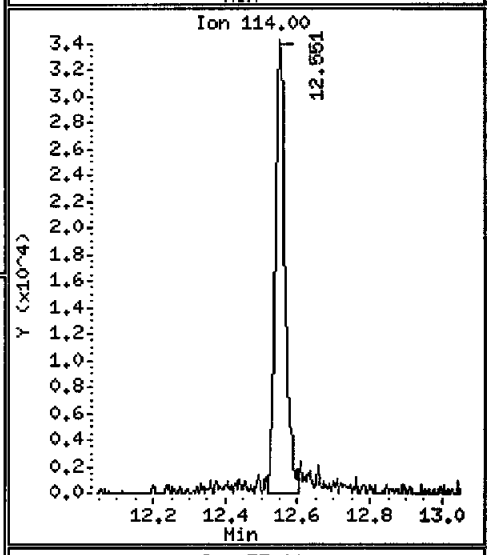


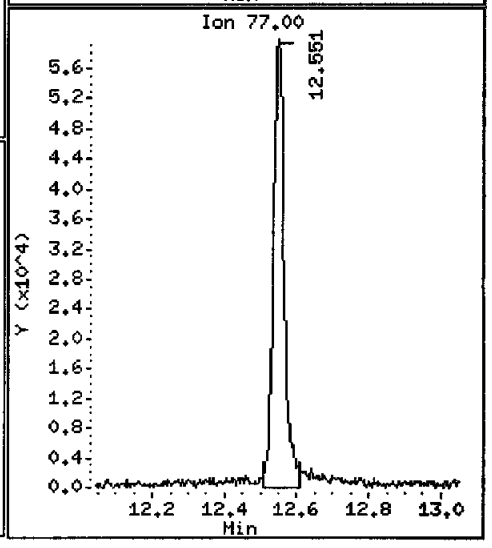












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D

Date : 24-DEC-2007 20:40

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE922AA

Purge Volume: 25.0

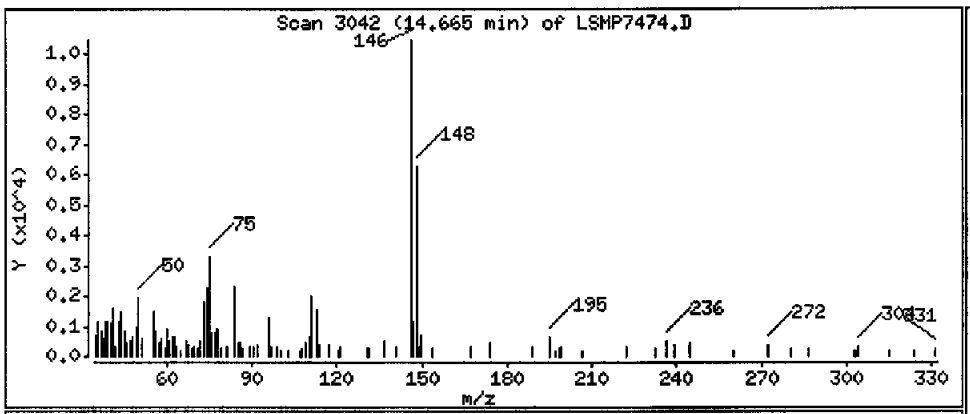
Operator: XIA

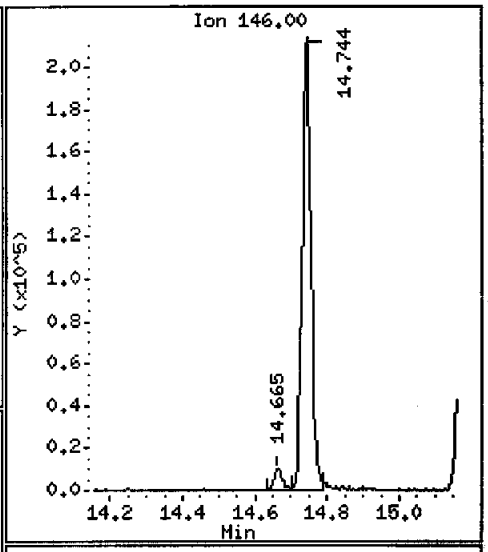
Column phase: RTX-502.2

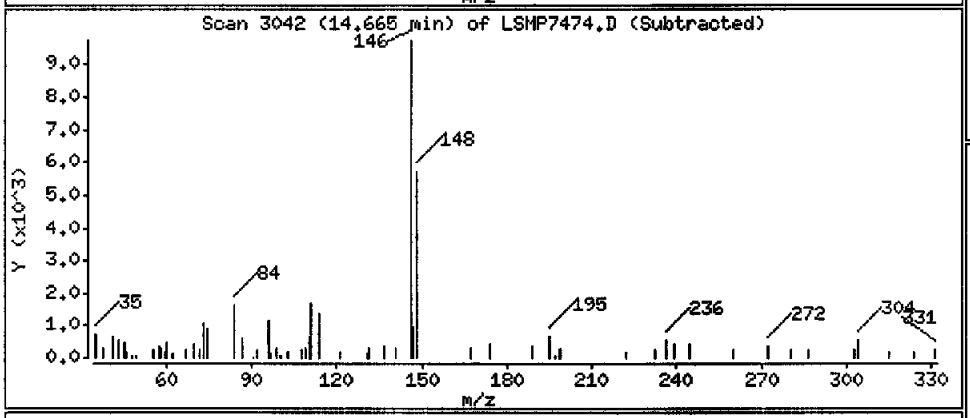
Column diameter: 0.25

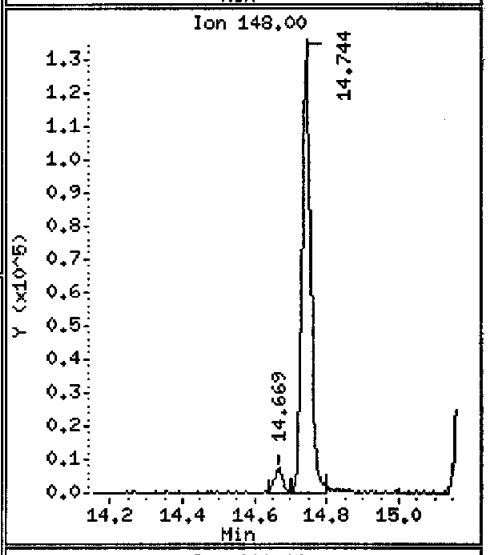
93 1,3-Dichlorobenzene

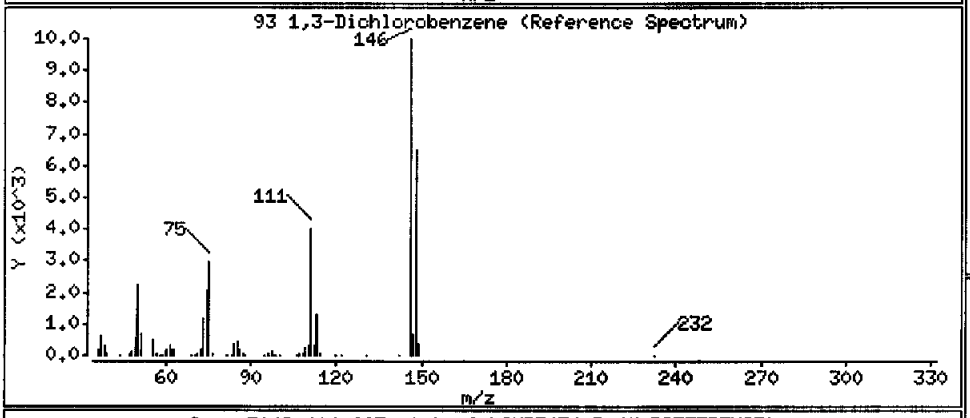
Concentration: 0.3770 ug/L

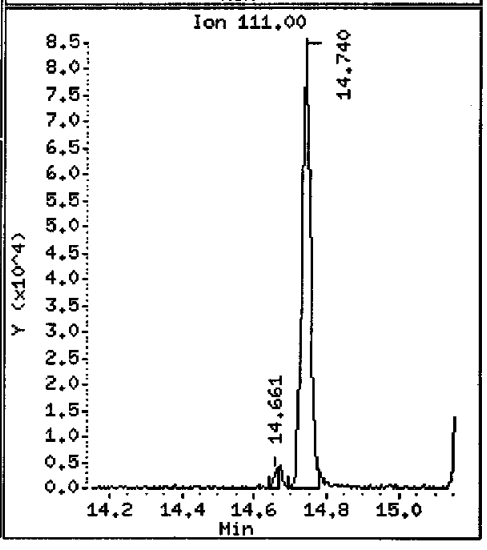


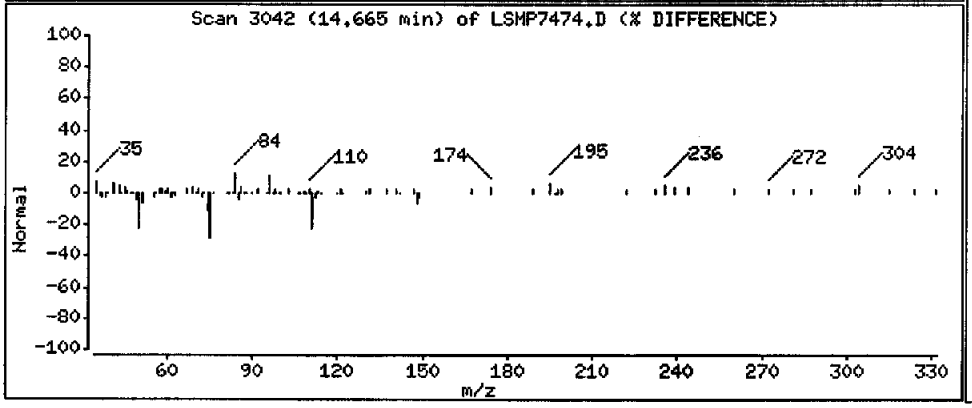












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D

Date : 24-DEC-2007 20:40

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE922AA

Purge Volume: 25.0

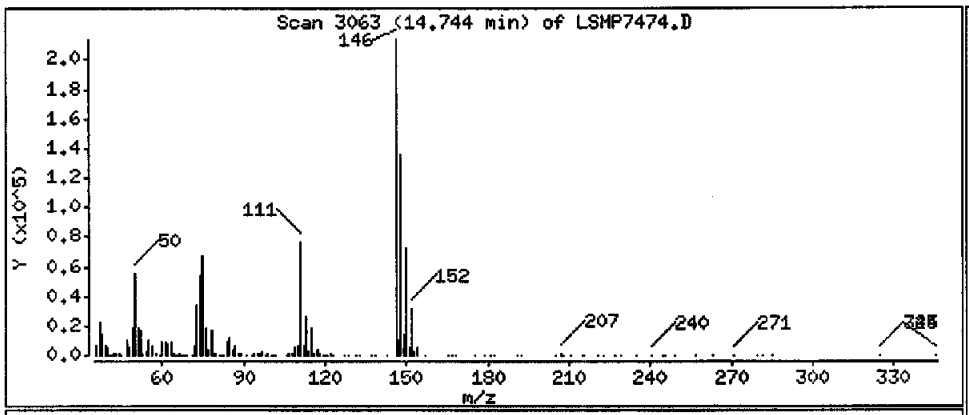
Operator: XIA

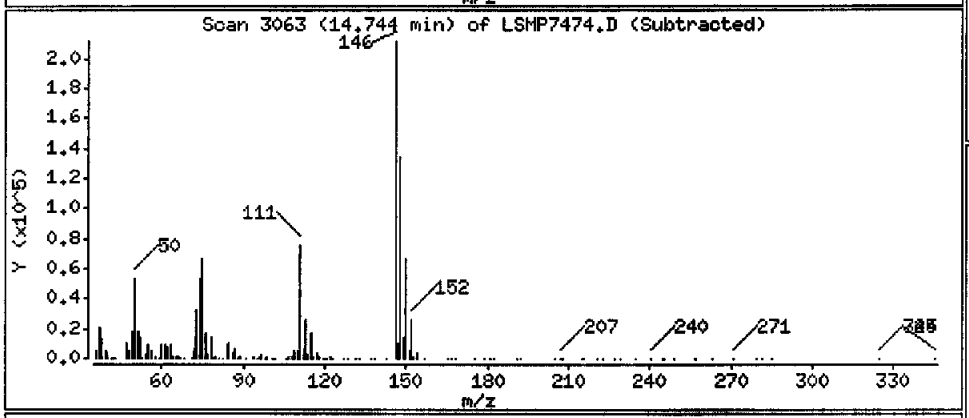
Column phase: RTX-502.2

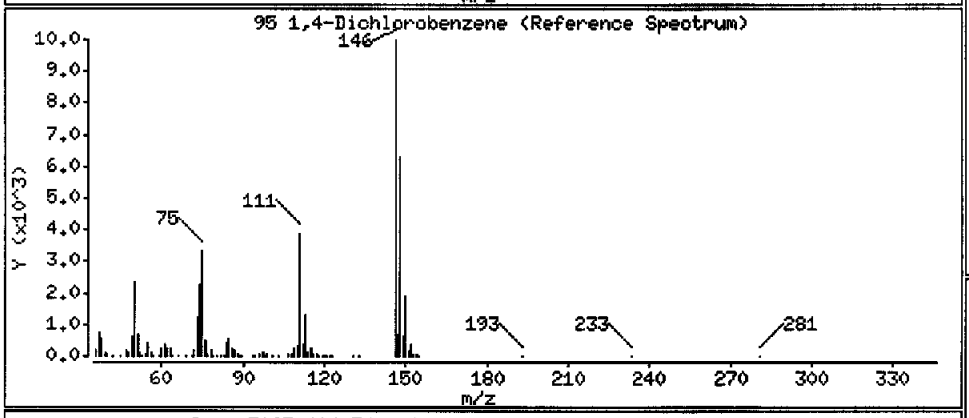
Column diameter: 0.25

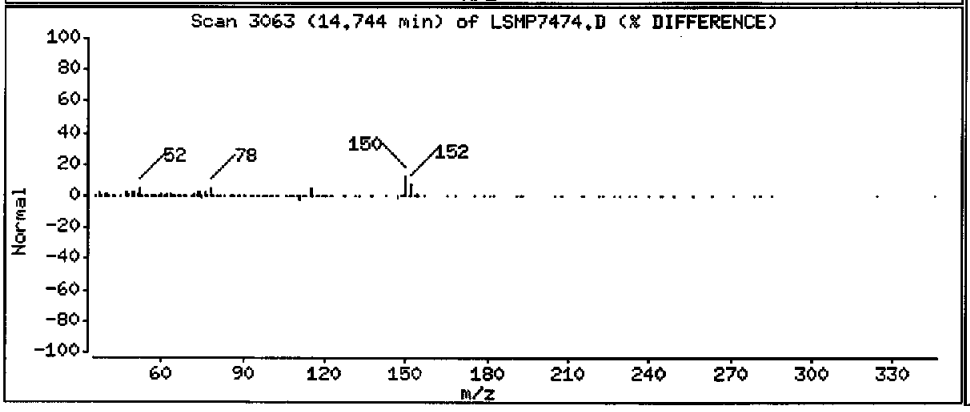
95 1,4-Dichlorobenzene

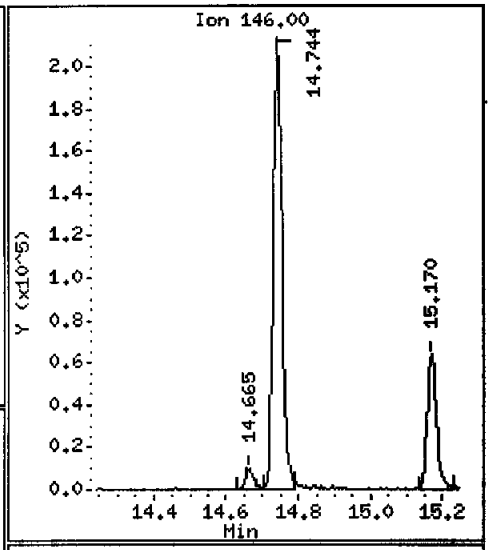
Concentration: 7.898 ug/L

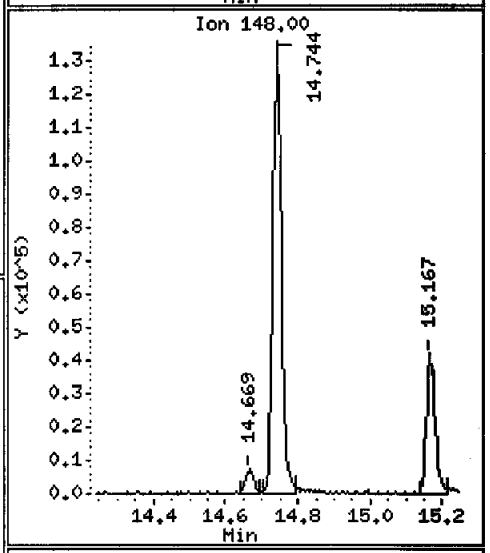


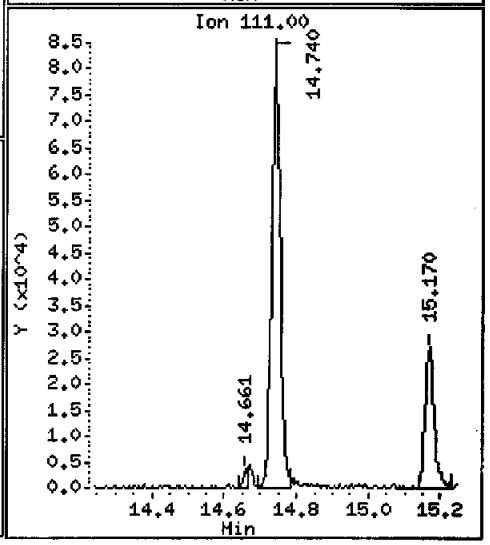












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D

Date : 24-DEC-2007 20:40

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE922AA

Purge Volume: 25.0

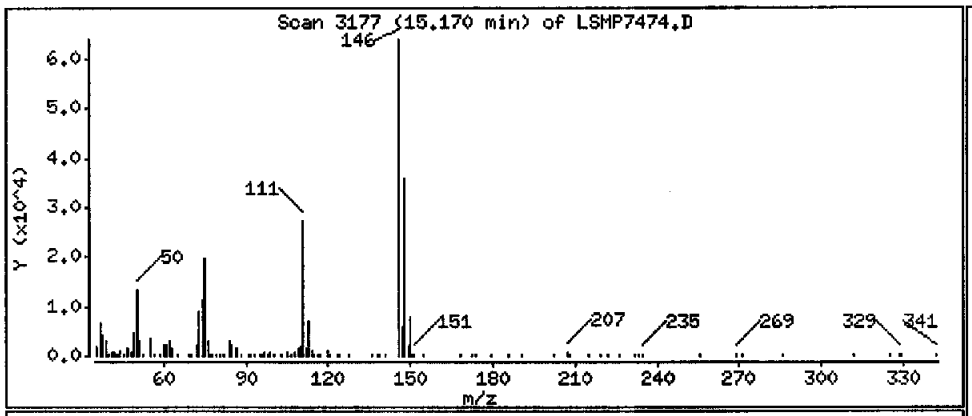
Operator: XIA

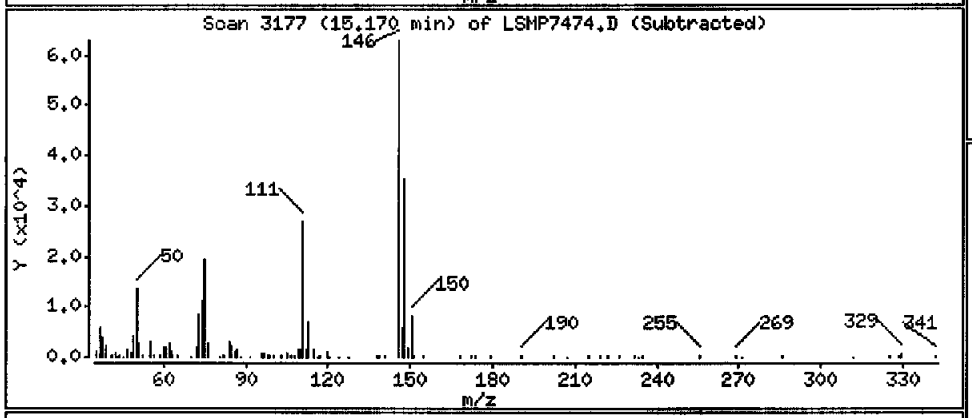
Column phase: RTX-502.2

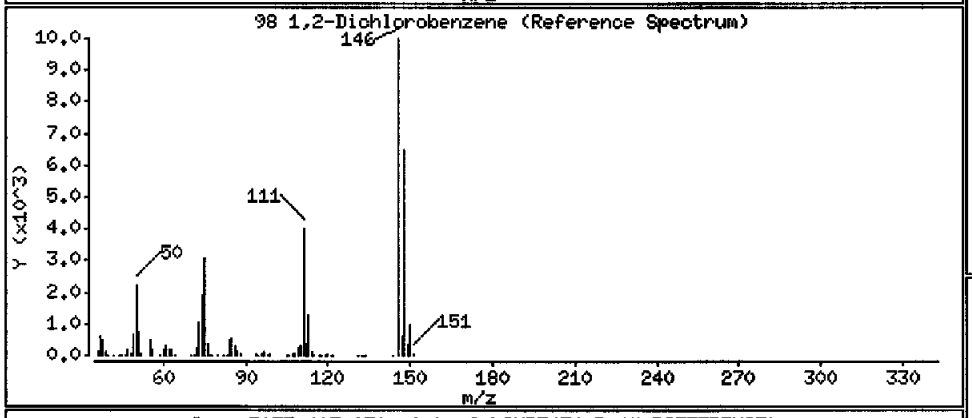
Column diameter: 0.25

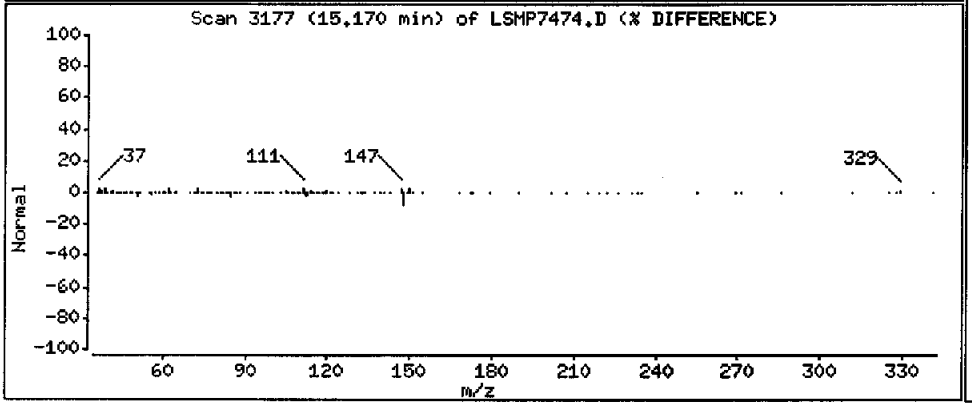
98 1,2-Dichlorobenzene

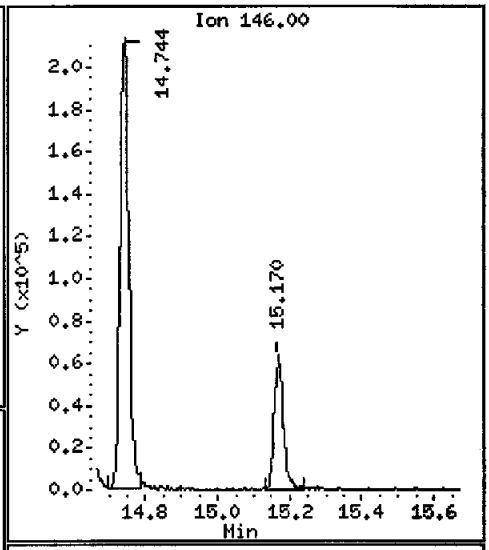
Concentration: 3.374 ug/L

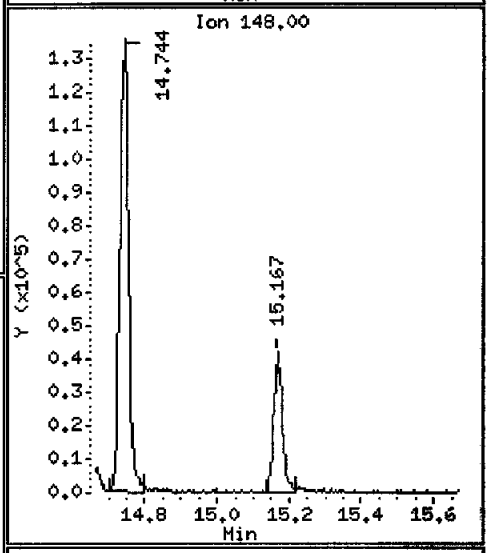


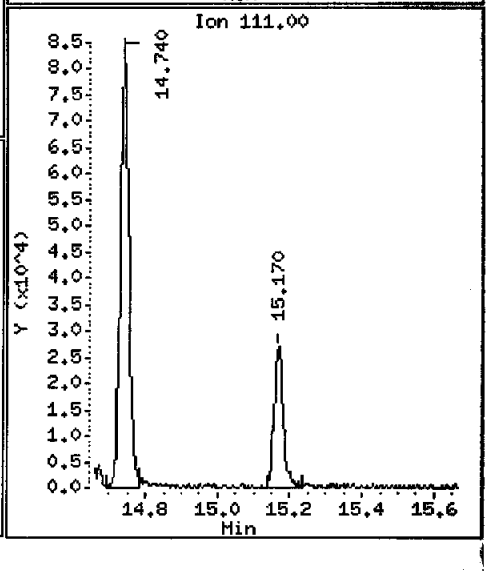






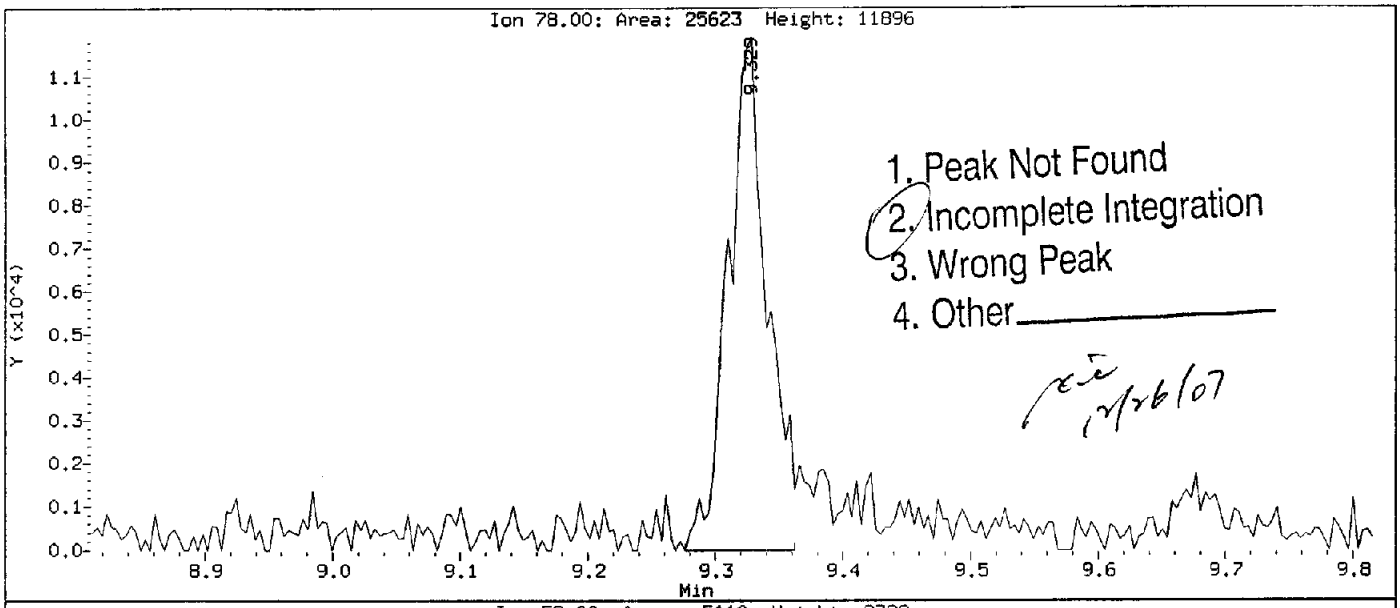


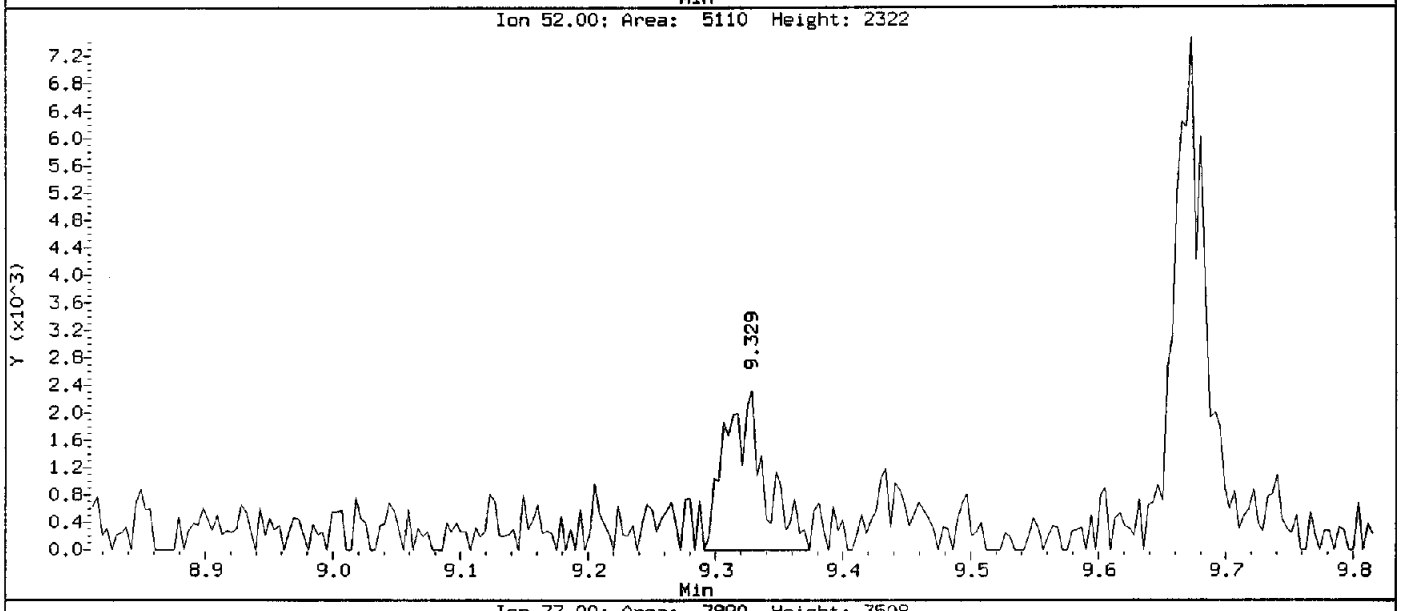


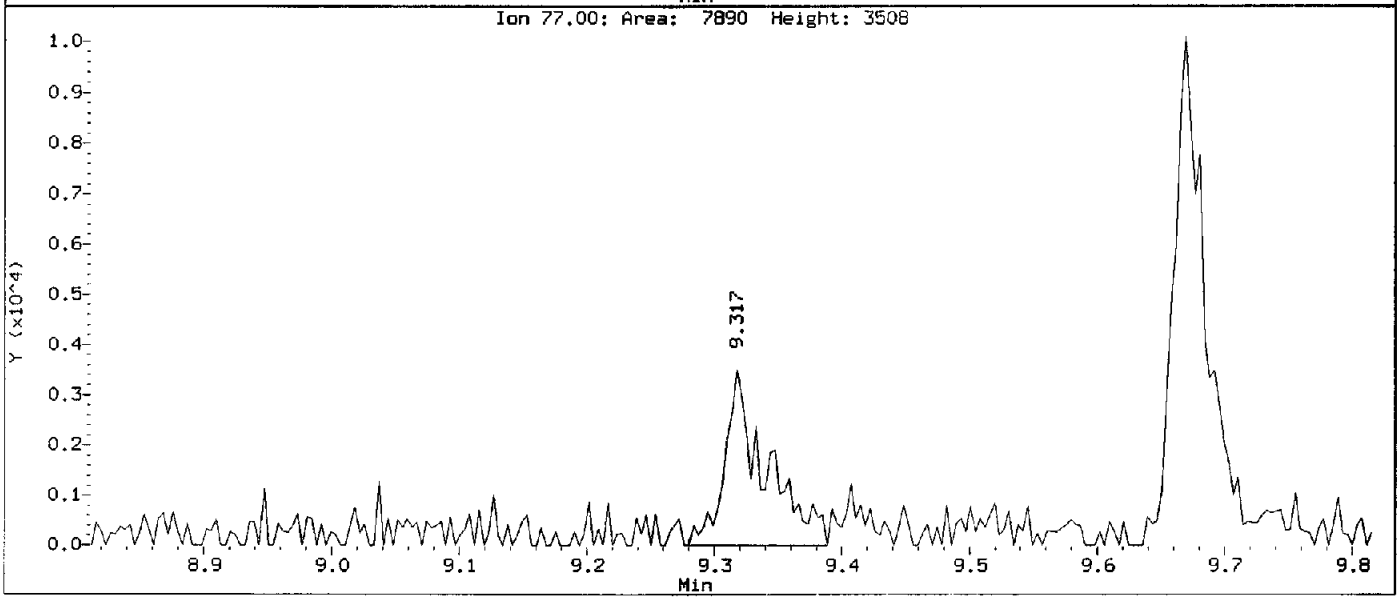


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D
Injection Date: 24-DEC-2007 20:40
Instrument: MSL.i
Client Sample ID: M-57A

Compound: Benzene
CAS Number: 71-43-2

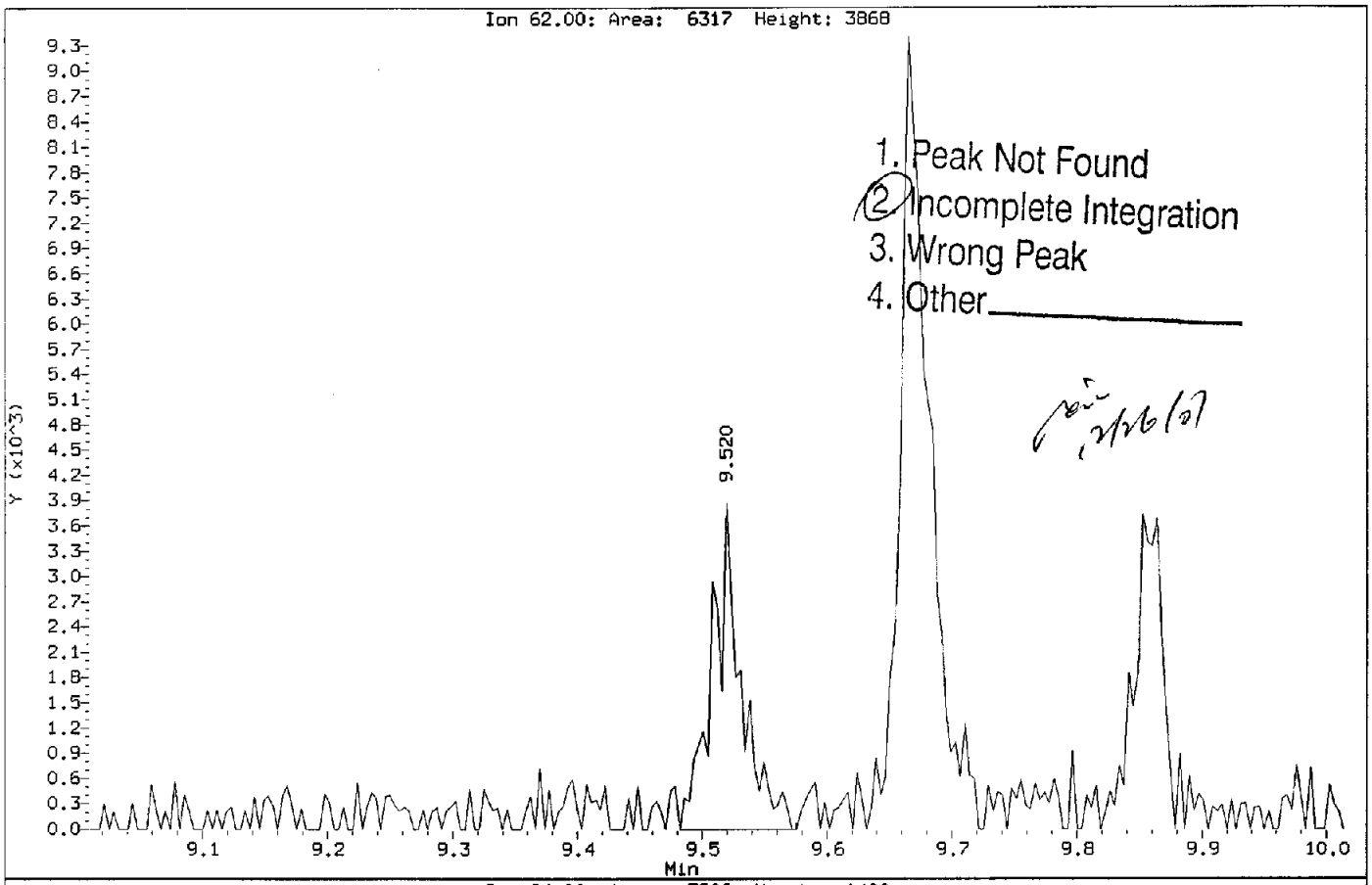


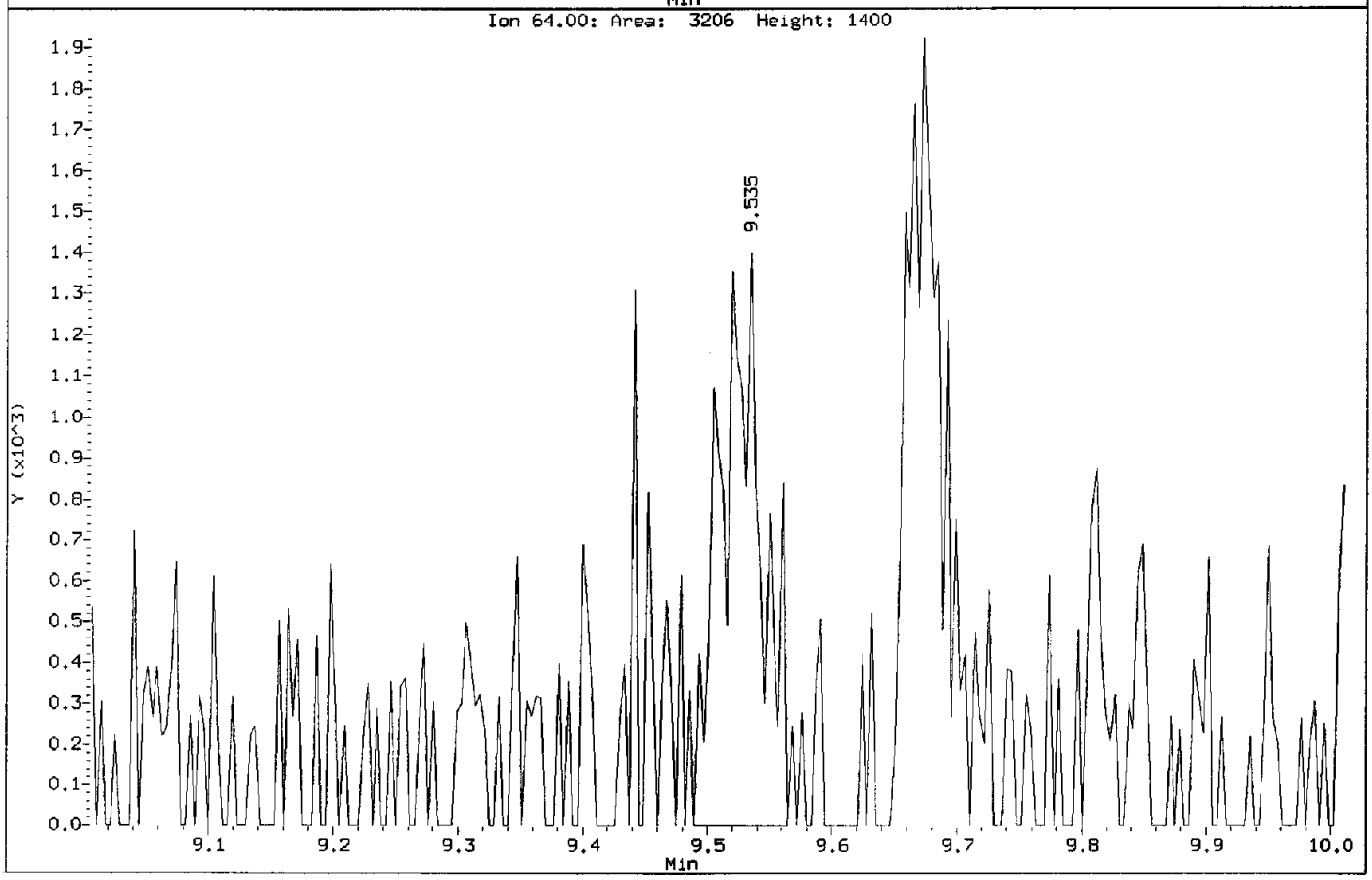




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D
Injection Date: 24-DEC-2007 20:40
Instrument: MSL.i
Client Sample ID: M-57A

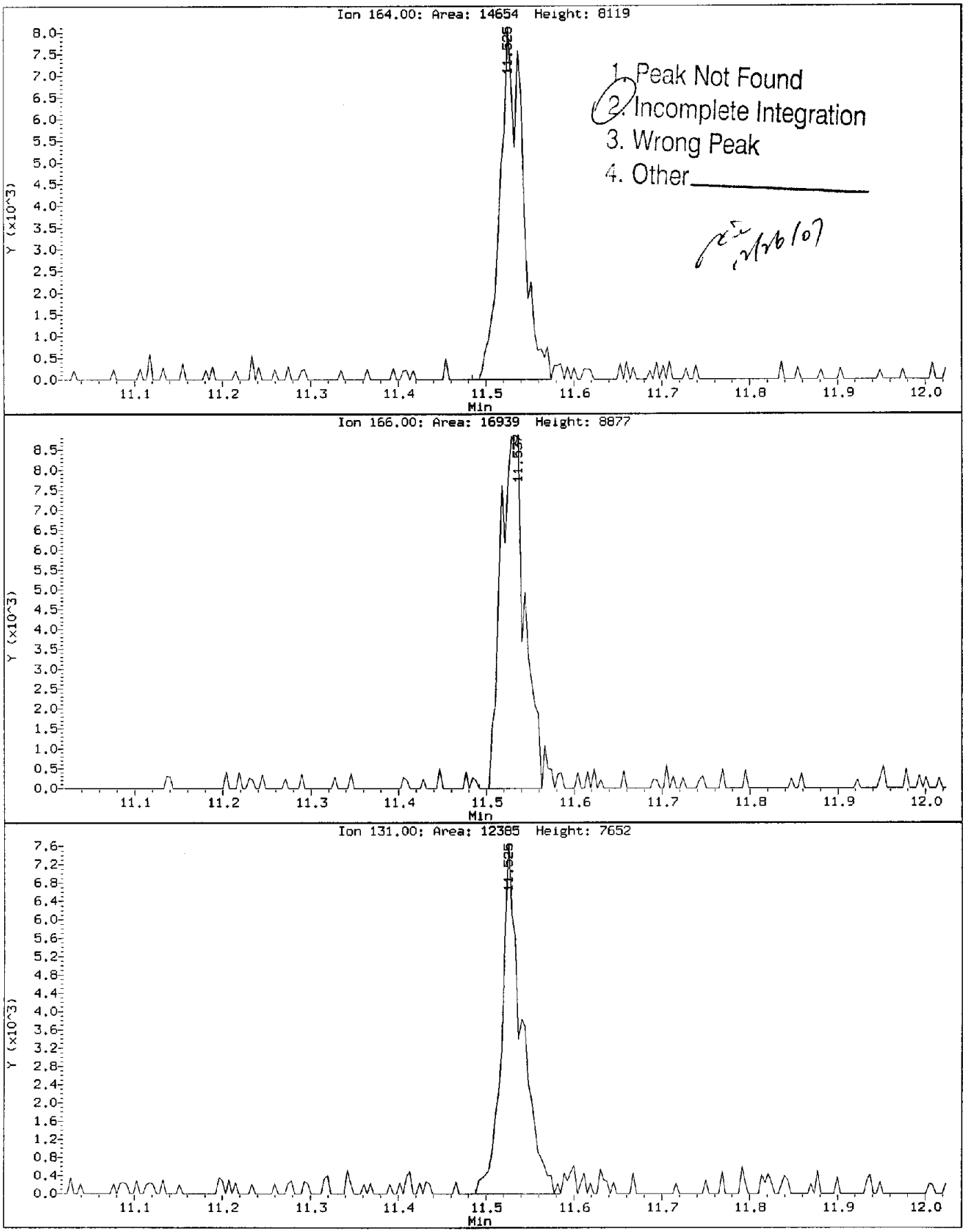
Compound: 1,2-Dichloroethane
CAS Number: 107-06-2





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D
Injection Date: 24-DEC-2007 20:40
Instrument: MSL.i
Client Sample ID: M-57A

Compound: Tetrachloroethene
CAS Number: 127-18-4



Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D
Report Date: 26-Dec-2007 14:32

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D
Lab Smp Id: KEE922AA Client Smp ID: M-57A
Inj Date : 24-DEC-2007 20:40
Operator : XIA Inst ID: MSL.i
Smp Info : KEE922AA
Misc Info : VBLKL358A;F7L190135-005;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 45 Fluorobenzene	9.673	2121079	10.000

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown			CAS #:				
4.797	253877	1.19692231	1.197	0		0	45

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7474.D

Date : 24-DEC-2007 20:40

Client ID: M-57A

Instrument: MSL.i

Sample Info: KEE922AA

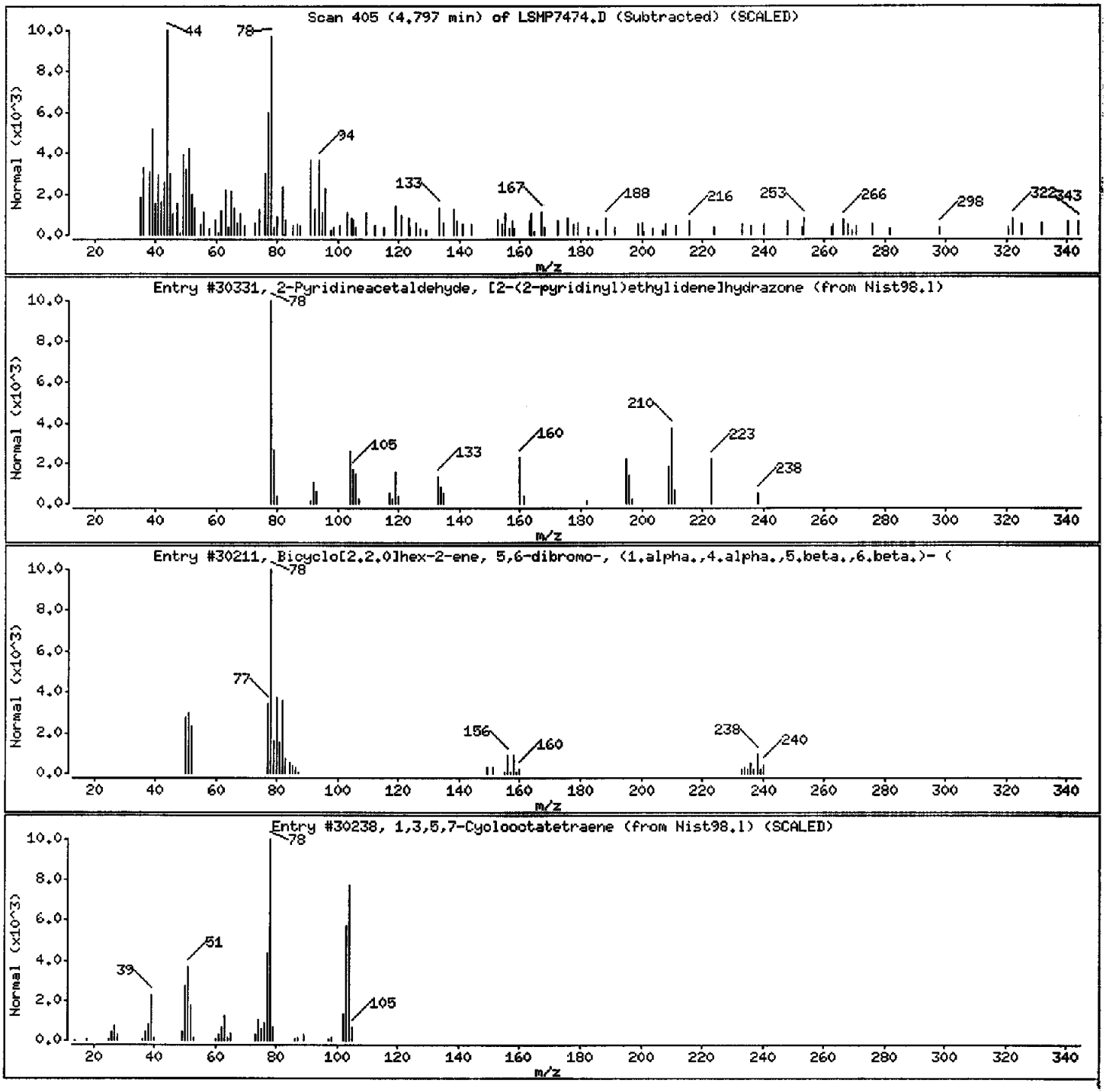
Purge Volume: 25.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Pyridineacetaldehyde, [2-(2-pyridinyl)	56114-46-6	Nist98.l	30331	56	C14H14N4	238
Bicyclo[2.2.0]hex-2-ene, 5,6-dibromo-, (	16622-67-6	Nist98.l	30211	50	C6H6Br2	236
1,3,5,7-Cyclooctatetraene	629-20-9	Nist98.l	30238	49	C8H8	104



Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7437.D
Report Date: 27-Dec-2007 12:57

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7437.D
Lab Smp Id: KEE951AA Client Smp ID: QCTB
Inj Date : 21-DEC-2007 19:36
Operator : XIA Inst ID: MSL.i
Smp Info : KEE951AA
Misc Info : VBLKL355A;F7L190135-006;7358096;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Meth Date : 27-Dec-2007 12:26 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	31 Chloroform	83	8.726	8.707	(0.902)	7705	0.22047	0.2205(M)
$	36 Dibromofluoromethane	113	8.909	8.906	(0.921)	130897	10.4572	10.46
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	106078	10.7764	10.78
*	45 Fluorobenzene	96	9.673	9.673	(1.000)	844319	10.0000	
$	57 Toluene-d8	98	11.087	11.084	(0.885)	835358	10.8930	10.89
*	70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	512904	10.0000	
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	176756	10.2838	10.28
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	174911	10.0000	

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7437.D
Report Date: 27-Dec-2007 12:57

STL St. Louis

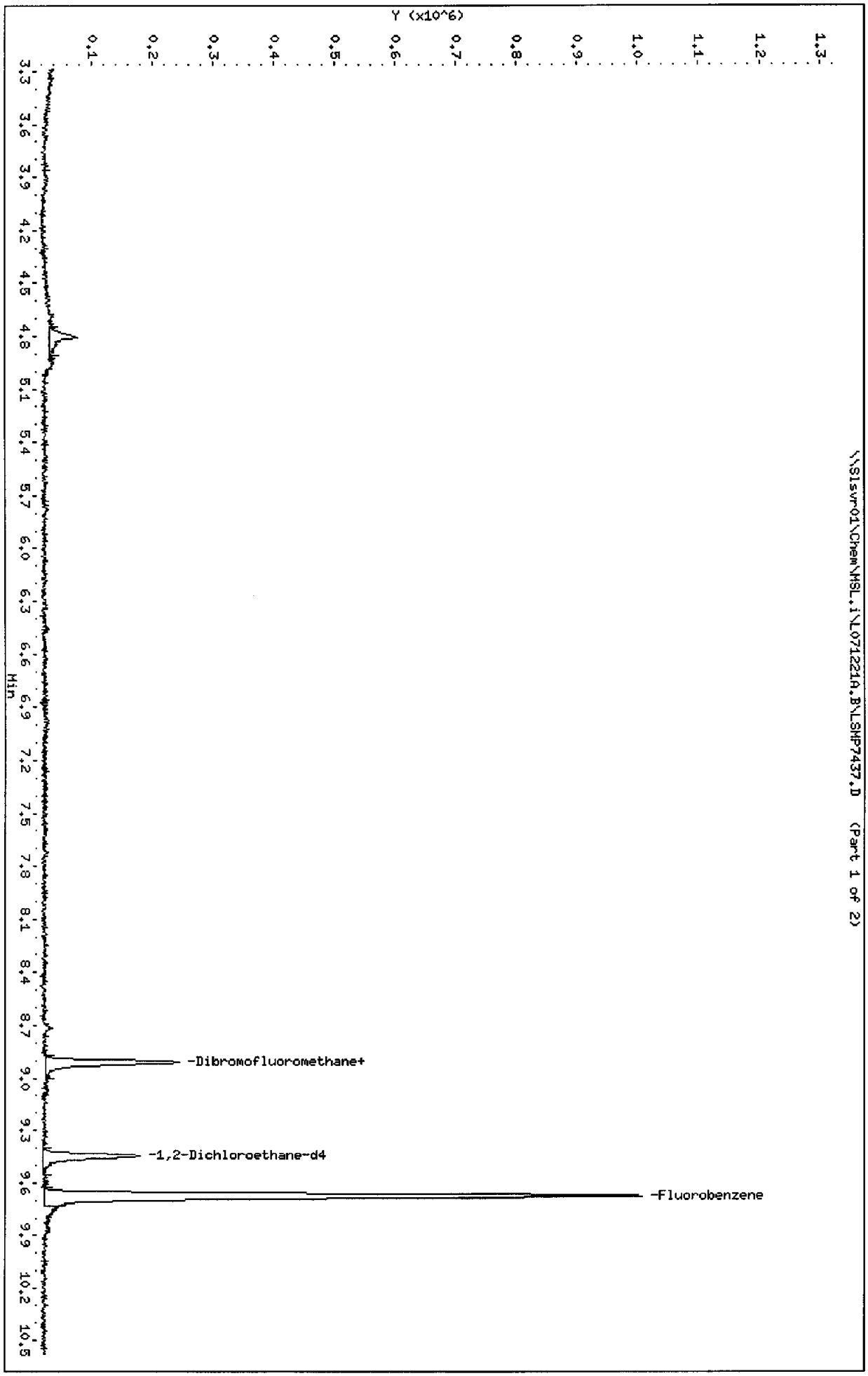
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

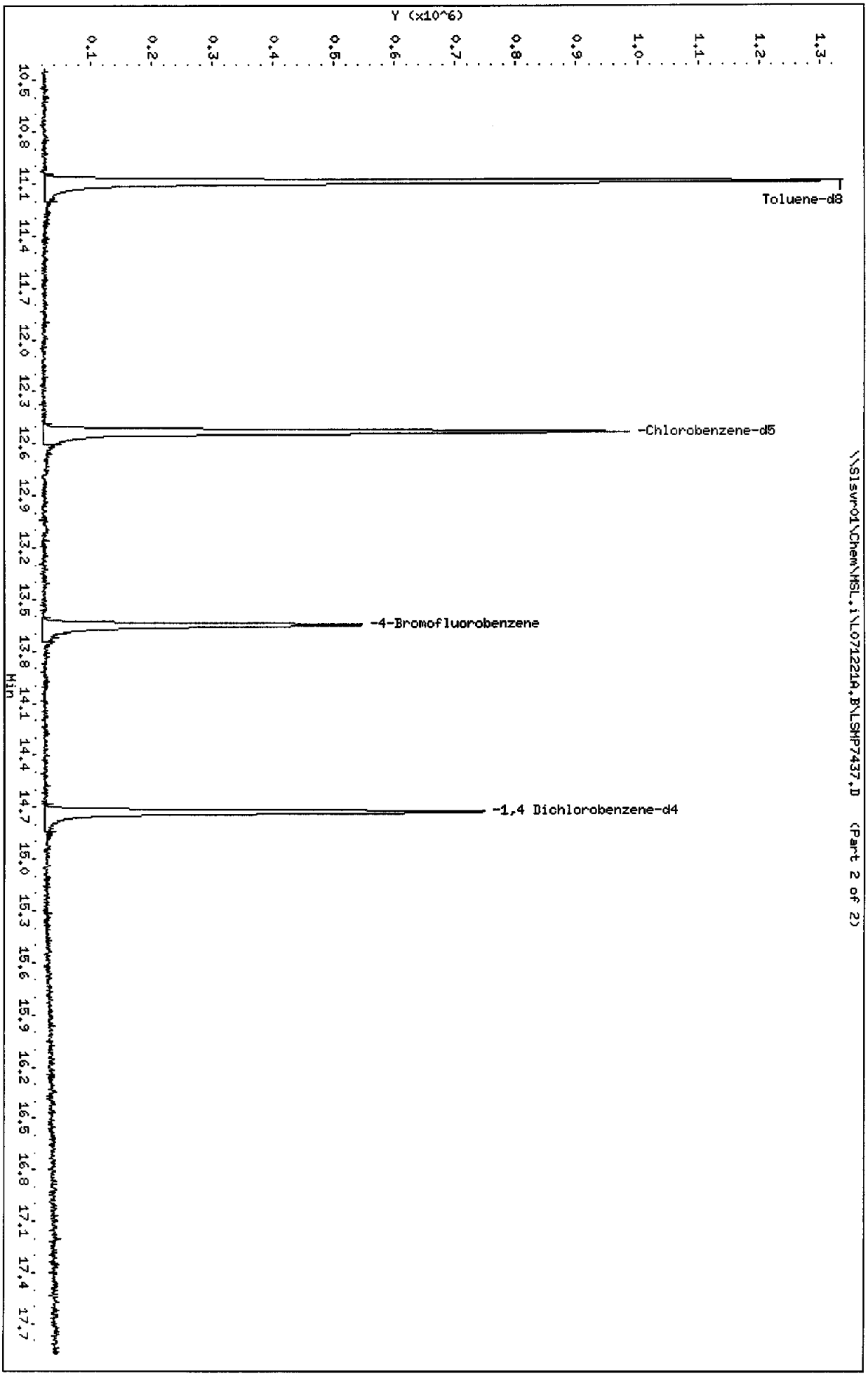
Instrument ID: MSL.i
Lab File ID: LSMP7437.D
Lab Smp Id: KEE951AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 21-DEC-2007
Calibration Time: 13:05
Client Smp ID: QCTB
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Misc Info: VBLKL355A;F7L190135-006;7358096;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1399217	699609	2798434	844319	-39.66
70 Chlorobenzene-d5	802936	401468	1605872	512904	-36.12
94 1,4 Dichlorobenze	308619	154310	617238	174911	-43.32

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7437.D
Date : 21-DEC-2007 19:36
Client ID: QCTB
Sample Info: KEE951AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7437.D (Part 1 of 2)
Y (x10^6)
Min
-Dibromofluoromethane+
-1,2-Dichloroethane-d4
-Fluorobenzene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Date : 21-DEC-2007 19:36
Client ID: QCTB
Sample Info: KEE951AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7437.D (Part 2 of 2)
Y (x10^6)
Min
Toluene-d8
-Chlorobenzene-d5
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7437.D

Date : 21-DEC-2007 19:36

Client ID: QCTB

Instrument: MSL.i

Sample Info: KEE951AA

Purge Volume: 25.0

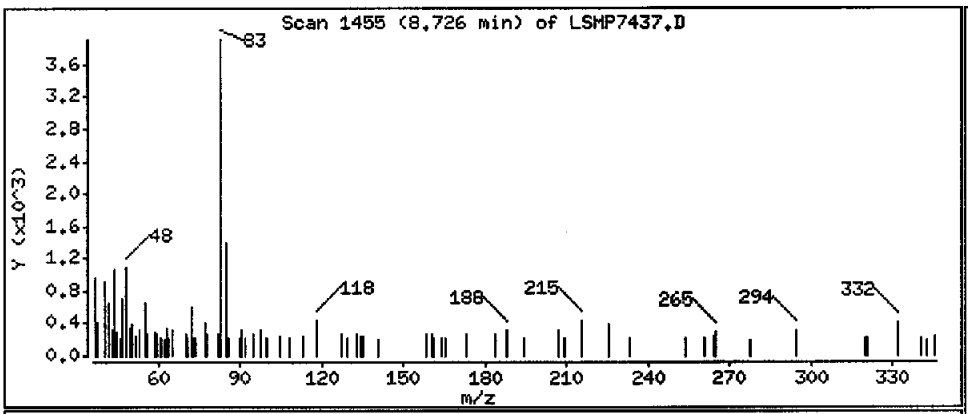
Operator: XIA

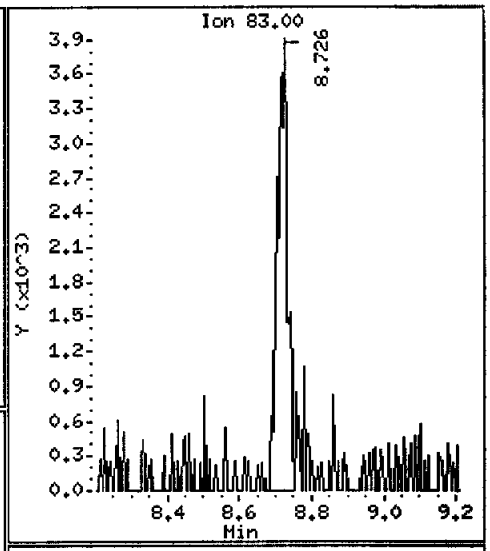
Column phase: RTX-502.2

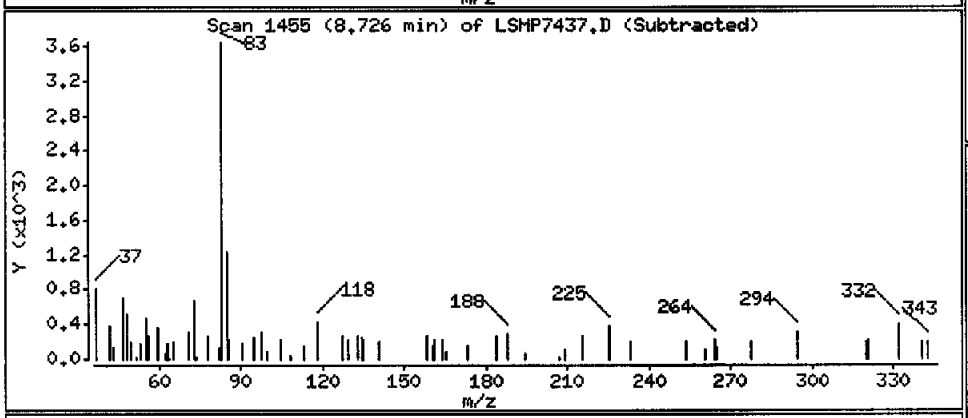
Column diameter: 0.25

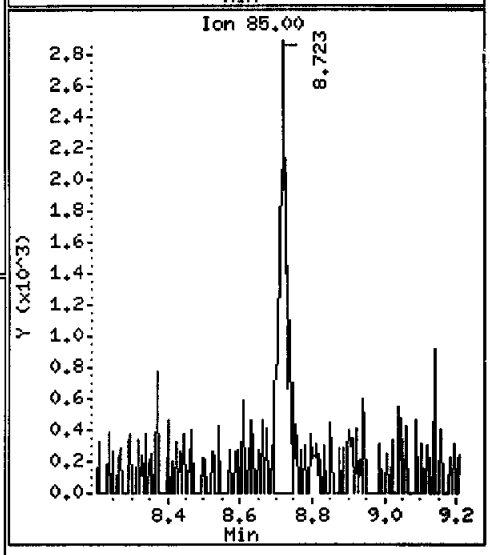
31 Chloroform

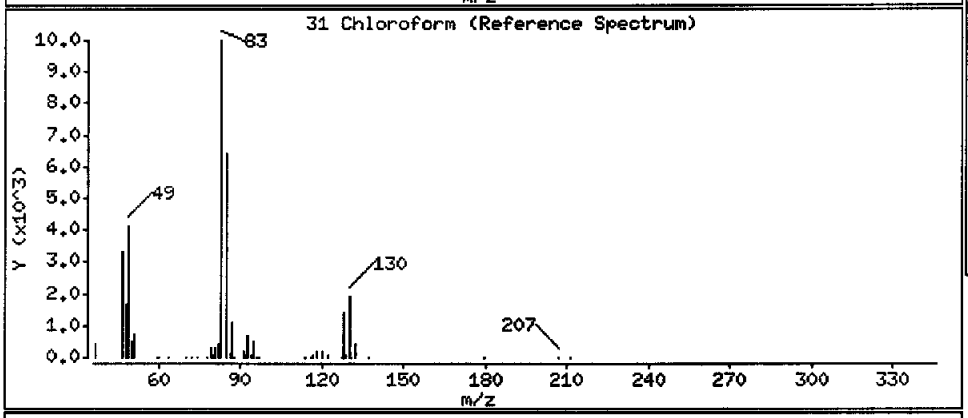
Concentration: 0.2205 ug/L

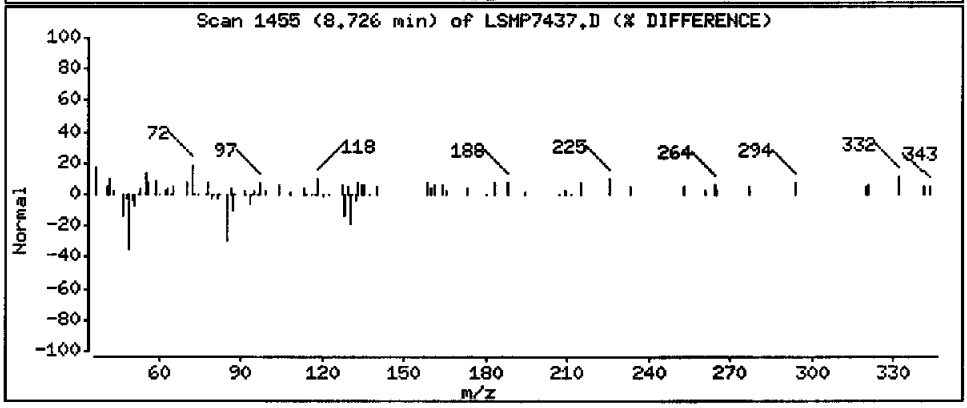






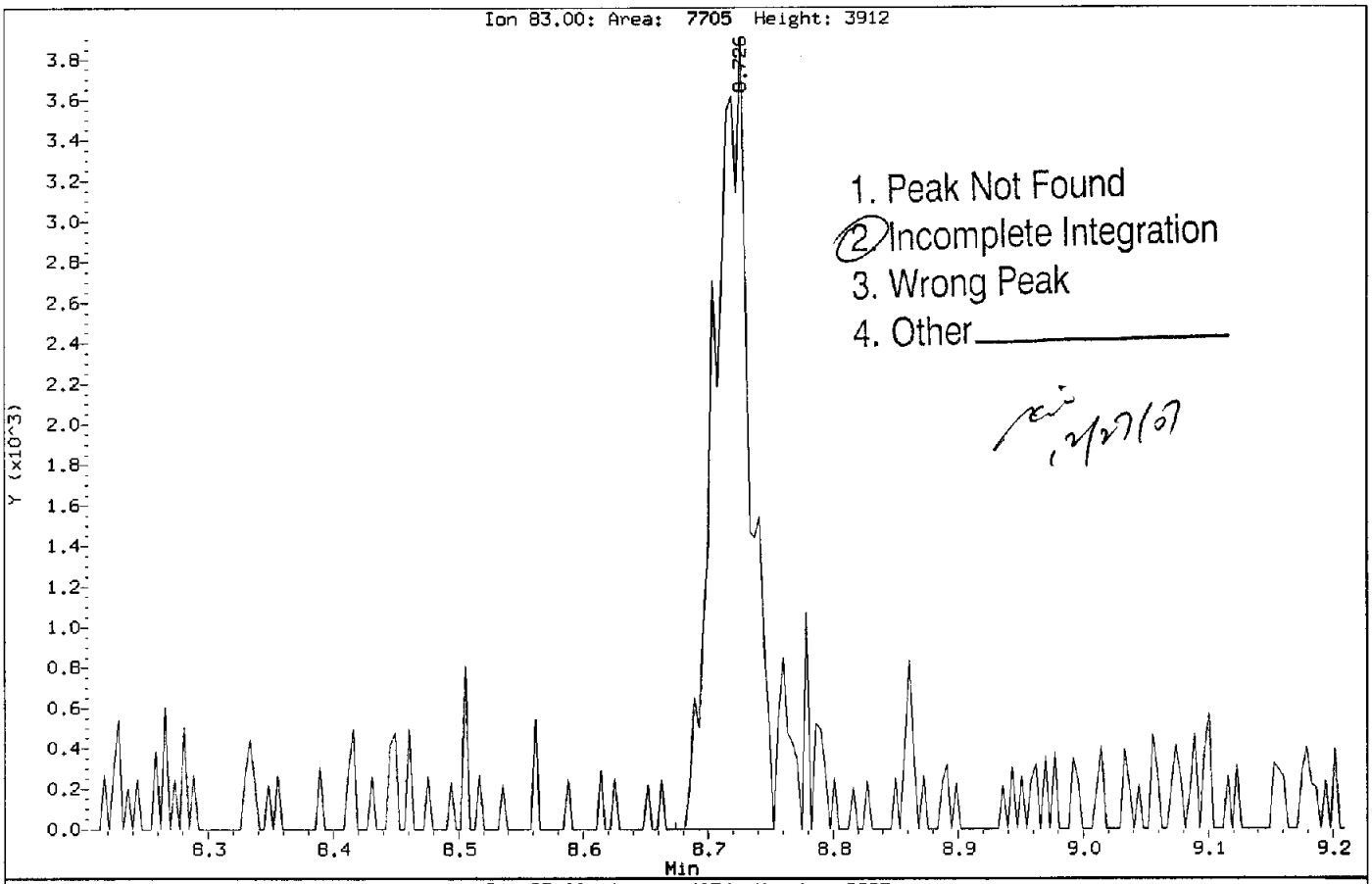


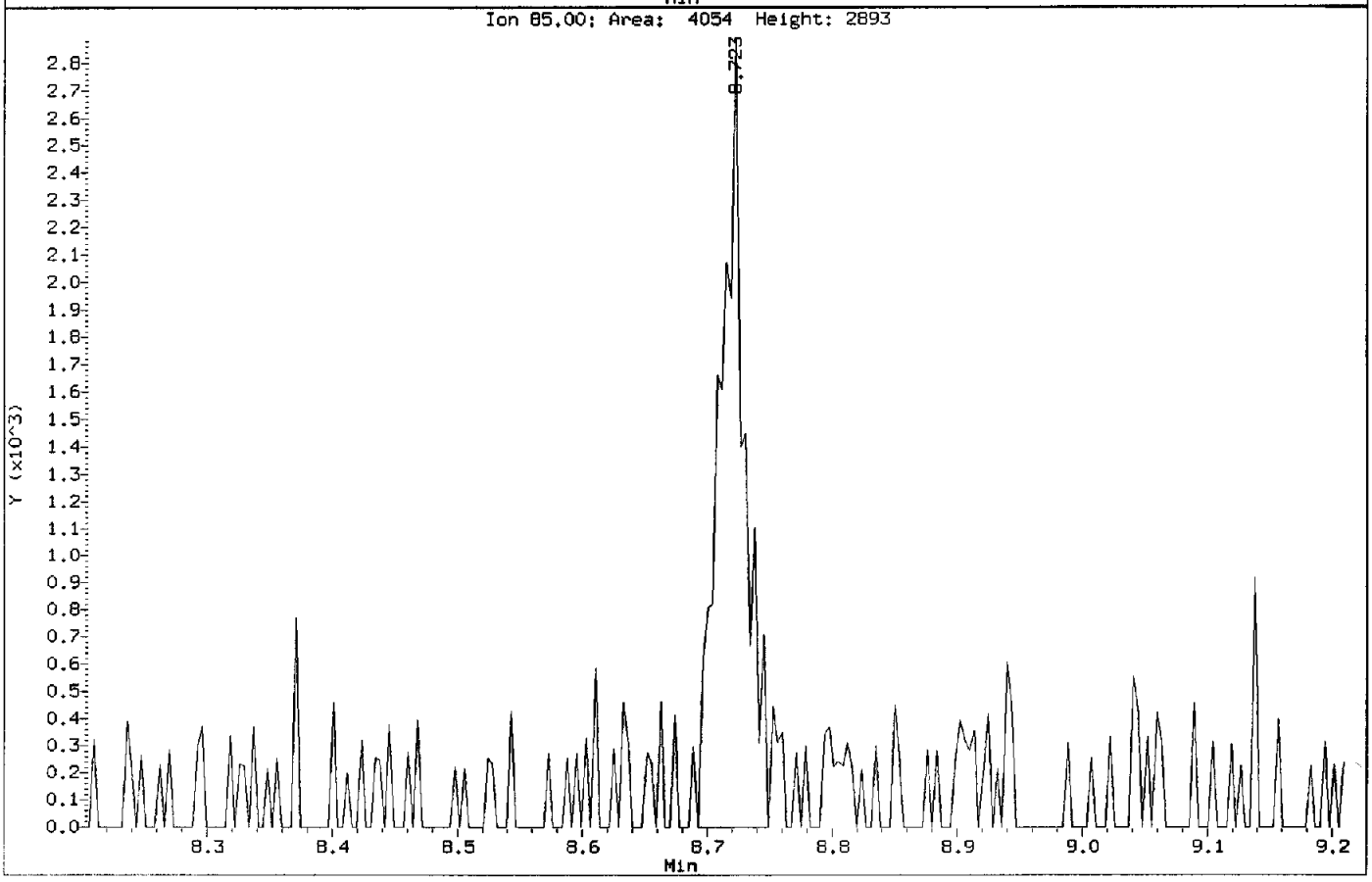




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7437.D
Injection Date: 21-DEC-2007 19:36
Instrument: MSL.i
Client Sample ID: QCTB

Compound: Chloroform
CAS Number: 67-66-3





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7465.D
Report Date: 26-Dec-2007 11:09

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7465.D
Lab Smp Id: KEE952AA Client Smp ID: QCTB
Inj Date : 24-DEC-2007 16:49
Operator : XIA Inst ID: MSL.i
Smp Info : KEE952AA
Misc Info : VBLKL358A;F7L190135-006;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	31 Chloroform	83	8.711	8.707	(0.901)	8407	0.23706	0.2370
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	144603	11.3840	11.38
$	43 1,2-Dichloroethane-d4	65	9.444	9.441	(0.976)	119162	11.9293	11.93
*	45 Fluorobenzene	96	9.673	9.669	(1.000)	856793	10.0000	
$	57 Toluene-d8	98	11.083	11.083	(0.885)	822946	10.0991	10.10
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	545003	10.0000	
$	78 4-Bromofluorobenzene	95	13.643	13.647	(0.926)	187803	9.93816	9.938
*	94 1,4 Dichlorobenzene-d4	152	14.728	14.725	(1.000)	192306	10.0000	

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7465.D
Report Date: 26-Dec-2007 11:09

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INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

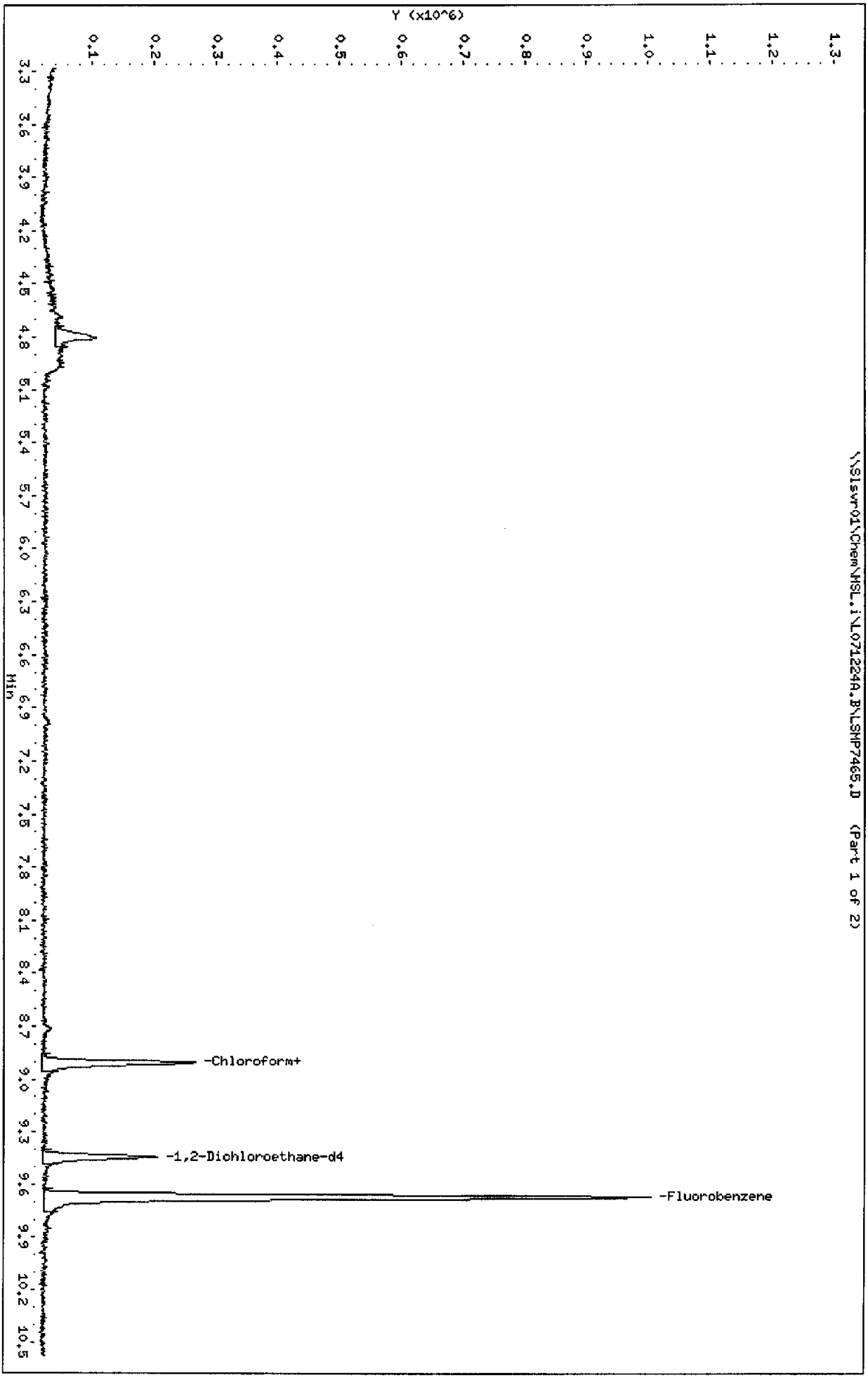
Instrument ID: MSL.i
Lab File ID: LSMP7465.D
Lab Smp Id: KEE952AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L190135-006;7360149;

Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: QCTB
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	856793	-28.79
70 Chlorobenzene-d5	752404	376202	1504808	545003	-27.57
94 1,4 Dichlorobenze	317211	158606	634422	192306	-39.38

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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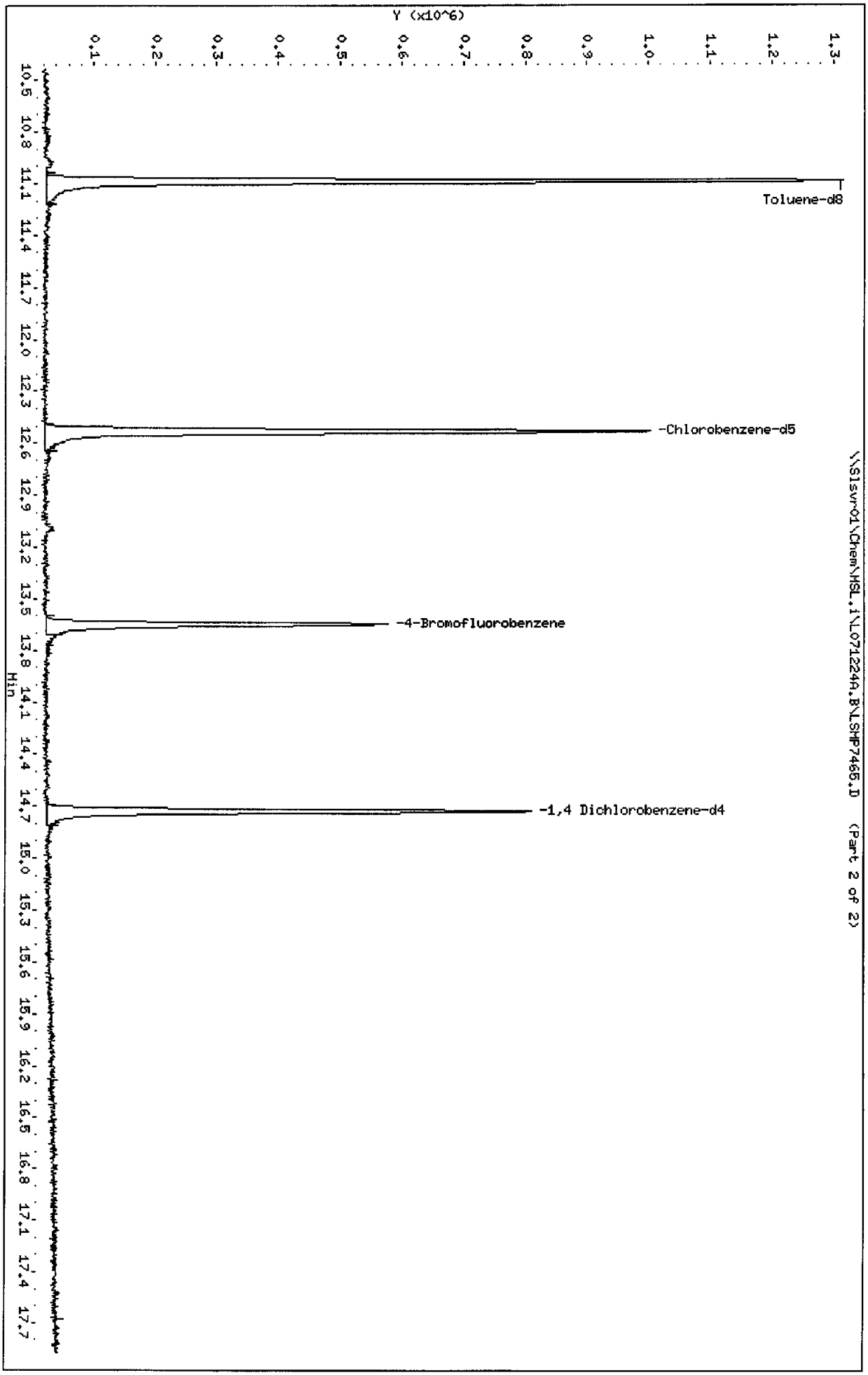
Date : 24-DEC-2007 16:49
Client ID: QCTB
Sample Info: KEE952AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
\\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7465.D (Part 1 of 2)
-Chloroform+
-1,2-Dichloroethane-d4
-Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7465.D
Date : 24-DEC-2007 16:49
Client ID: QCTB
Sample Info: KEE9520A
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8
-Chlorobenzene-d5
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4
\\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7465.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7465.D

Date : 24-DEC-2007 16:49

Client ID: QCTB

Instrument: MSL.i

Sample Info: KEE952AA

Purge Volume: 25.0

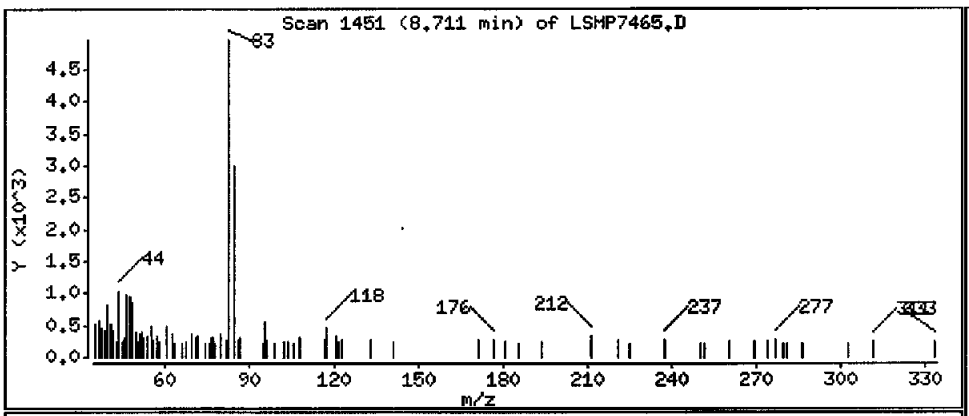
Operator: XIA

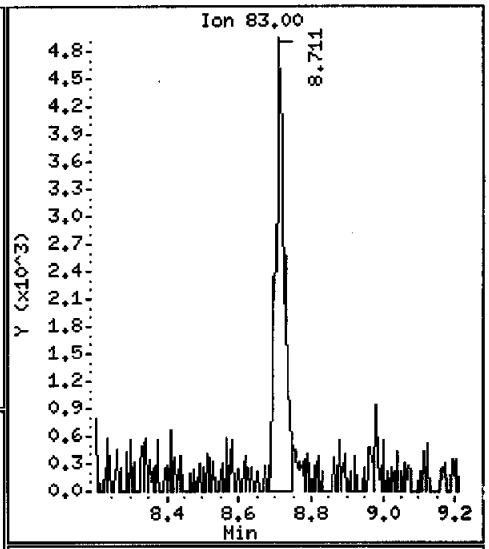
Column phase: RTX-502.2

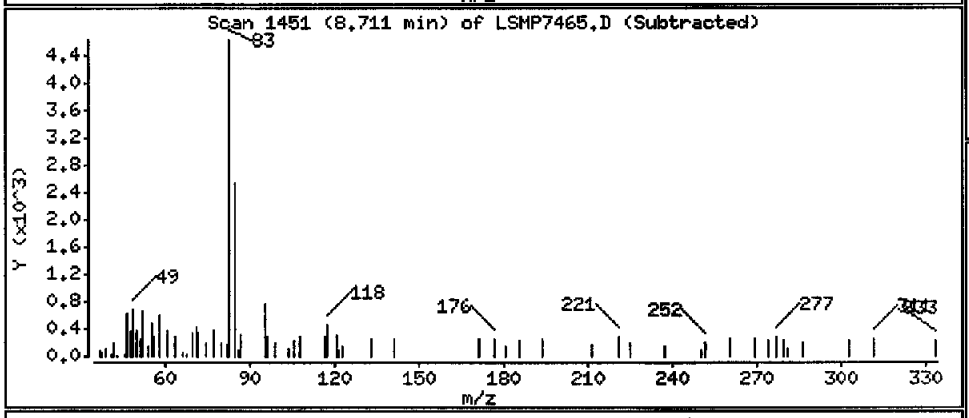
Column diameter: 0.25

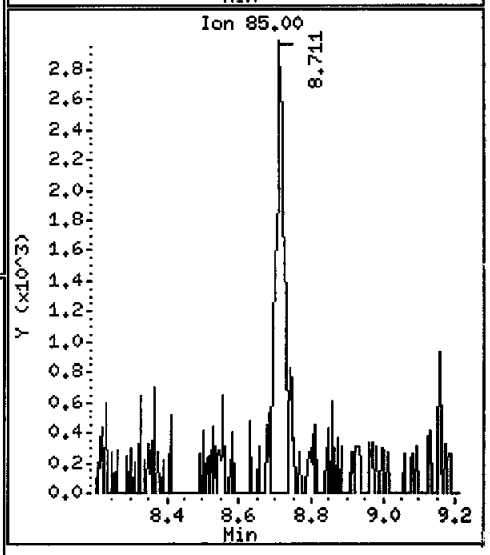
31 Chloroform

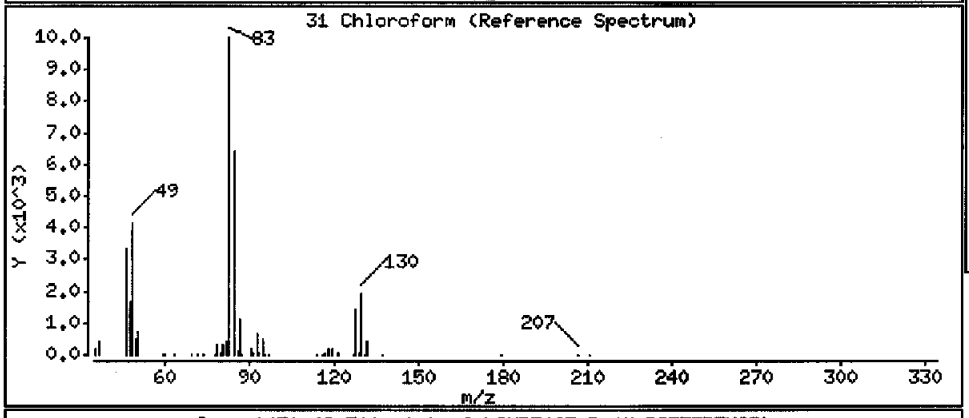
Concentration: 0.2370 ug/L

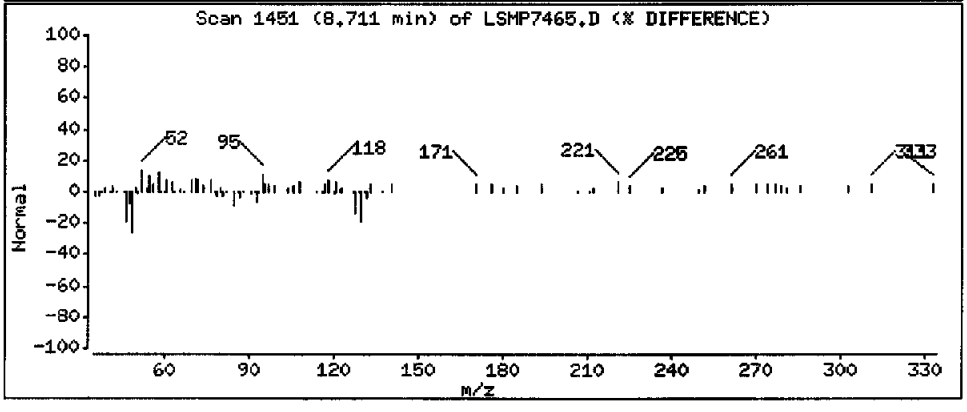












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7465.D
Report Date: 26-Dec-2007 14:28

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7465.D
Lab Smp Id: KEE952AA Client Smp ID: QCTB
Inj Date : 24-DEC-2007 16:49
Operator : XIA Inst ID: MSL.i
Smp Info : KEE952AA
Misc Info : VBLKL358A;F7L190135-006;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 45 Fluorobenzene	9.673	1875457	10.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown			CAS #:				
4.801	206650	1.10186217	1.102	0		0	45

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7465.D

Date : 24-DEC-2007 16:49

Client ID: QCTB

Instrument: MSL.i

Sample Info: KEE952AA

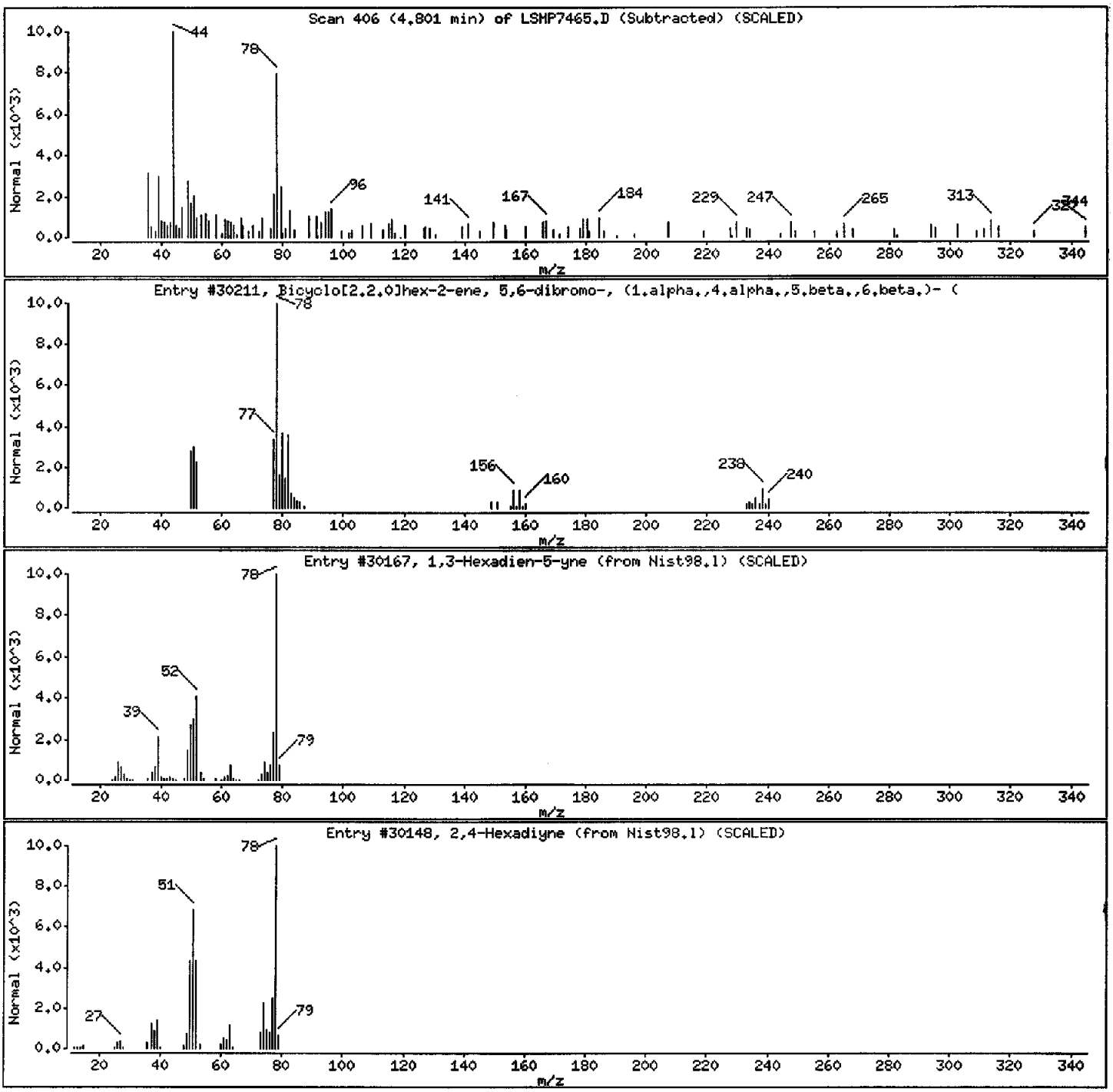
Purge Volume: 25.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Bicyclo[2.2.0]hex-2-ene, 5,6-dibromo-, (	16622-67-6	Nist98.l	30211	64	C6H6Br2	236
1,3-Hexadien-5-yne	10420-90-3	Nist98.l	30167	49	C6H6	78
2,4-Hexadiyne	2809-69-0	Nist98.l	30148	49	C6H6	78



GC/MS RAW QC DATA

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D
Report Date: 26-Dec-2007 12:45

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D
Lab Smp Id: KERR91AA Client Smp ID: VBLKL358A
Inj Date : 24-DEC-2007 13:31
Operator : XIA Inst ID: MSL.i
Smp Info : KERR91AA
Misc Info : VBLKL358A;F7L260000-149B;7360149
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 36 Dibromofluoromethane	113	8.909	8.905	(0.921)	169071	11.3866	11.39
$ 43 1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	131529	11.2644	11.26
* 45 Fluorobenzene	96	9.669	9.669	(1.000)	1001537	10.0000	
$ 57 Toluene-d8	98	11.087	11.083	(0.885)	979488	10.2863	10.29
* 70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	636869	10.0000	
$ 78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	235621	10.7219	10.72
* 94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	223634	10.0000	

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D
Report Date: 26-Dec-2007 12:42

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LBLK7457A.D
Lab Smp Id: KERR91AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L260000-149B;7360149

Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: VBLKL358A
Level: LOW
Sample Type: WATER

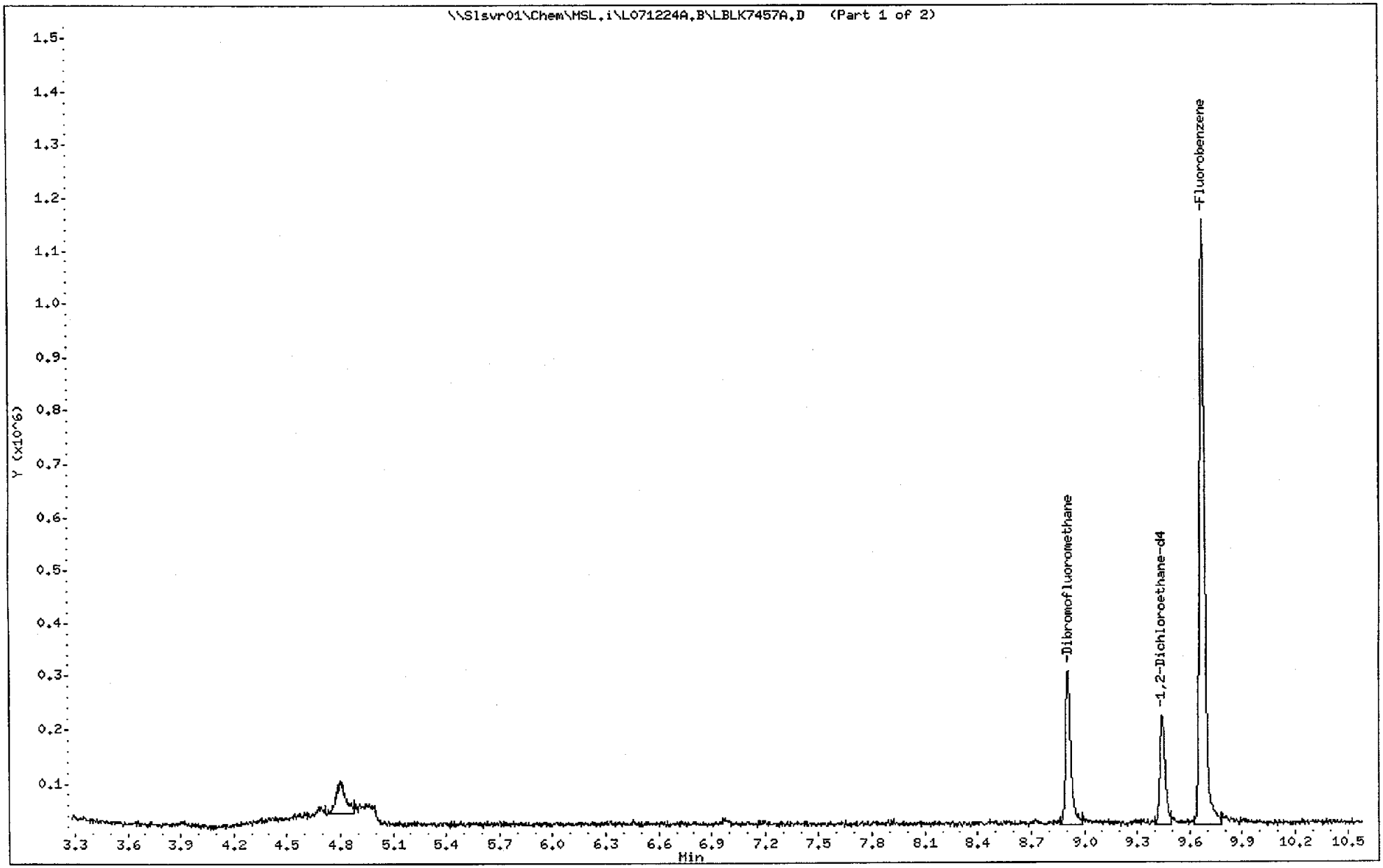
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	1001537	-16.75
70 Chlorobenzene-d5	752404	376202	1504808	636869	-15.36
94 1,4 Dichlorobenze	317211	158606	634422	223634	-29.50

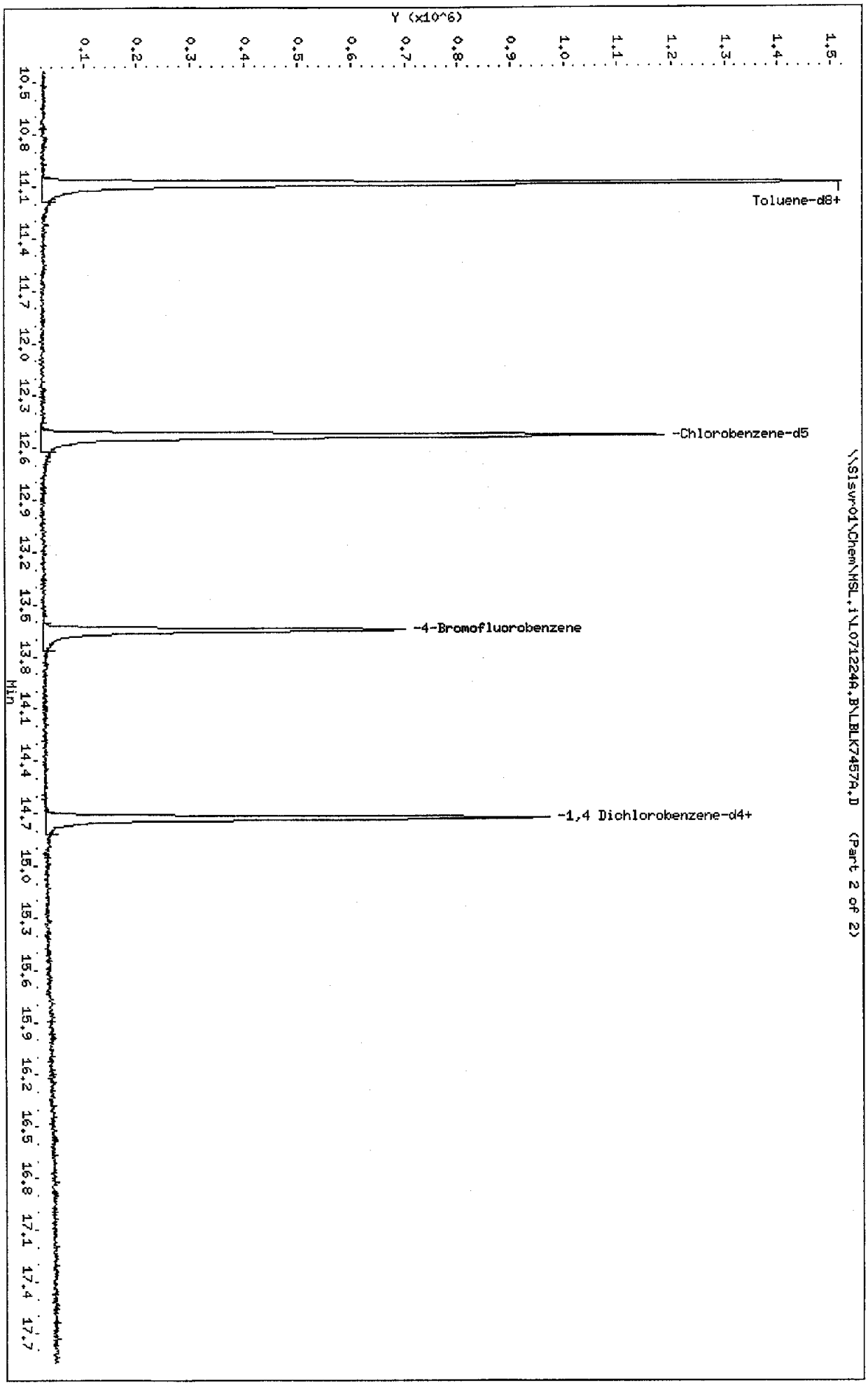
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D
Date : 24-DEC-2007 13:31
Client ID: VBLKL358A
Sample Info: KERR91AA
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

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Date : 24-DEC-2007 13:31
Client ID: VBLKL358A
Sample Info: KERR91AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL_i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8+
-Chlorobenzene-d5
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4+
\\Slsvr01\Chem\MSL_i\L071224A_B\LBLK7457A.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D
Report Date: 26-Dec-2007 12:45

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D
Lab Smp Id: KERR91AA Client Smp ID: VBLKL358A
Inj Date : 24-DEC-2007 13:31
Operator : XIA Inst ID: MSL.i
Smp Info : KERR91AA
Misc Info : VBLKL358A;F7L260000-149B;7360149
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D
Report Date: 28-Dec-2007 12:06

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D
Lab Smp Id: KEWA41AA Client Smp ID: VBLKL361A
Inj Date : 27-DEC-2007 13:37
Operator : XIA Inst ID: MSL.i
Smp Info : KEWA41AA
Misc Info : VBLKL361A;F7L280000-155B;7362155
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	15 Methylene Chloride	84	6.971	6.967	(0.721)	6355	0.26389	0.2639(M)
$	36 Dibromofluoromethane	113	8.909	8.905	(0.921)	184362	11.4922	11.49
$	43 1,2-Dichloroethane-d4	65	9.441	9.444	(0.976)	142178	11.2700	11.27
*	45 Fluorobenzene	96	9.673	9.672	(1.000)	1082088	10.0000	
$	57 Toluene-d8	98	11.083	11.083	(0.884)	1028937	10.0851	10.08
*	70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	682366	10.0000	
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	252401	10.2422	10.24
*	94 1,4 Dichlorobenzene-d4	152	14.728	14.721	(1.000)	250781	10.0000	

12/28/07

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D
Report Date: 28-Dec-2007 12:06

STL St. Louis

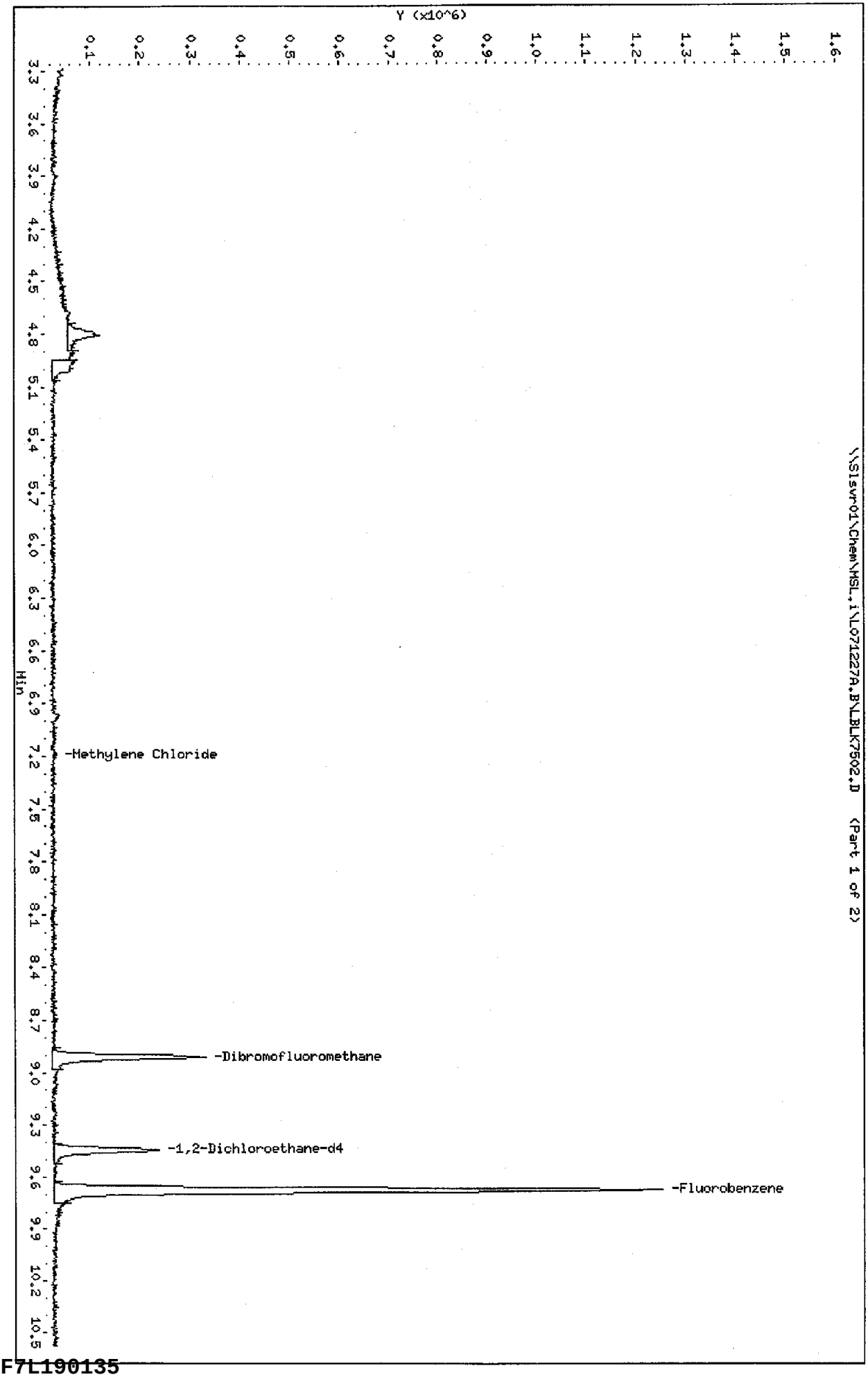
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LBLK7502.D
Lab Smp Id: KEWA41AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 27-DEC-2007
Calibration Time: 11:33
Client Smp ID: VBLKL361A
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;F7L280000-155B;7362155

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1414972	707486	2829944	1082088	-23.53
70 Chlorobenzene-d5	860970	430485	1721940	682366	-20.74
94 1,4 Dichlorobenze	346015	173008	692030	250781	-27.52

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.73	0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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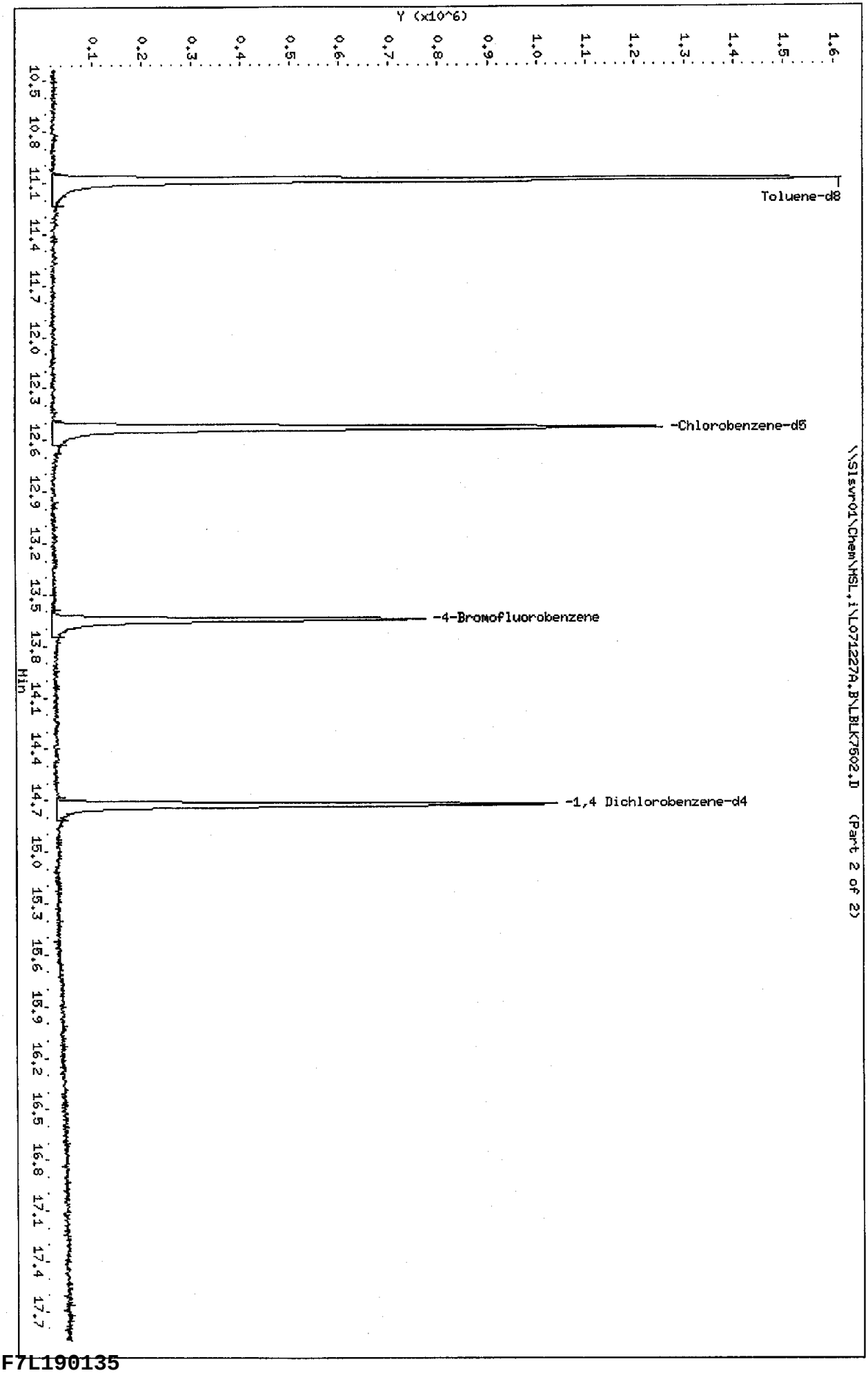
Date : 27-DEC-2007 13:37
Client ID: VBLKL361A
Sample Info: KEWA41AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
\\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D (Part 1 of 2)
-Methylene Chloride
-Dibromofluoromethane
-1,2-Dichloroethane-d4
-Fluorobenzene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Date : 27-DEC-2007 13:37
Client ID: VBLKL361A
Sample Info: KENN41AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8
-Chlorobenzene-d5
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4
Min
\\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D (Part 2 of 2)

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D

Date : 27-DEC-2007 13:37

Client ID: VBLKL361A

Instrument: MSL.i

Sample Info: KEWA41AA

Purge Volume: 25.0

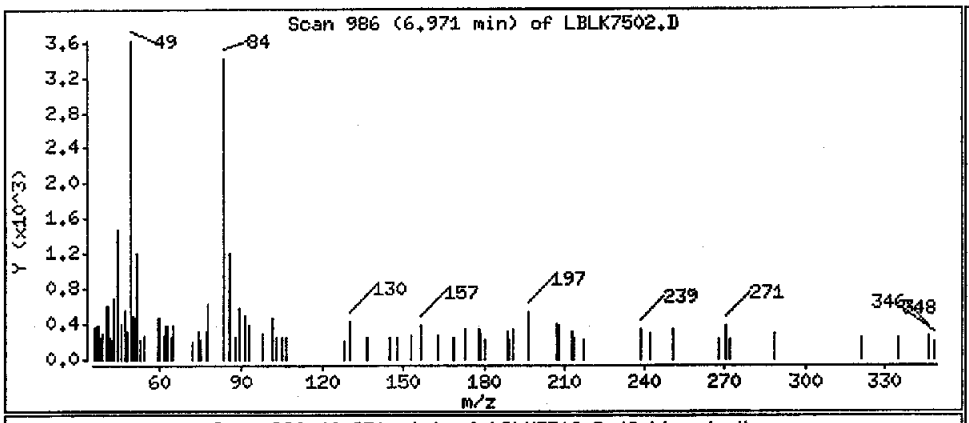
Operator: XIA

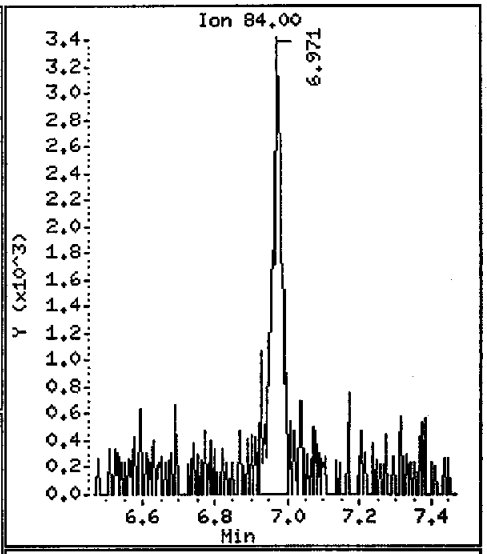
Column phase: RTX-502.2

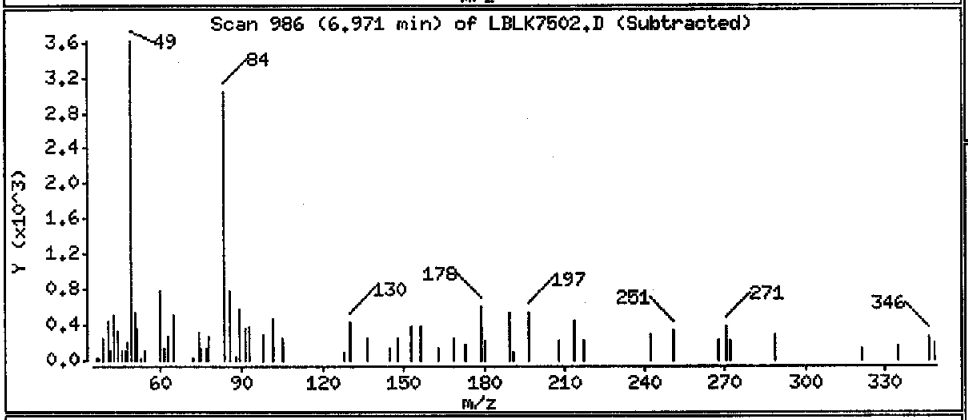
Column diameter: 0.25

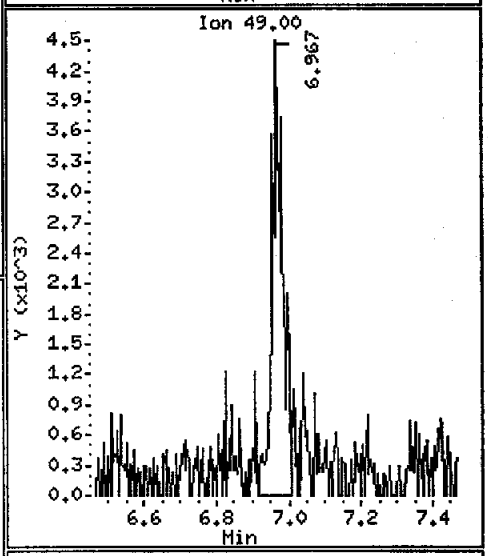
15 Methylene Chloride

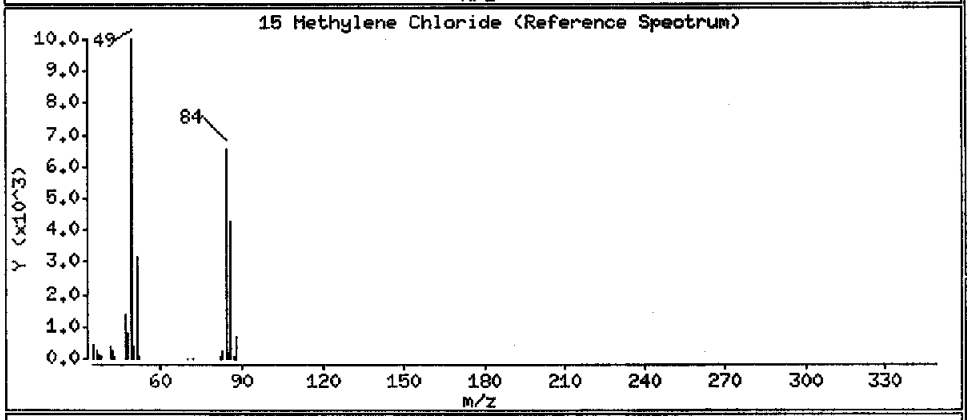
Concentration: 0.2639 ug/L

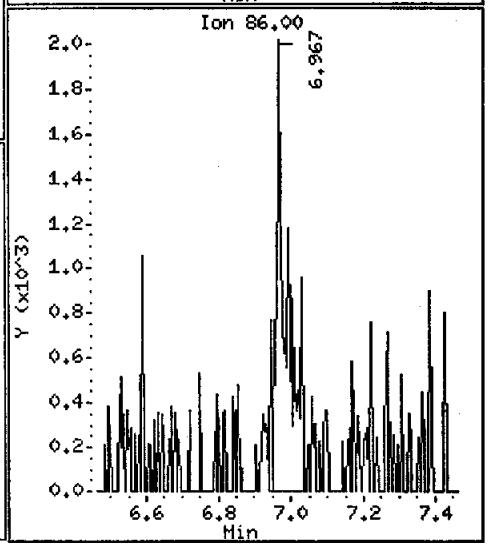


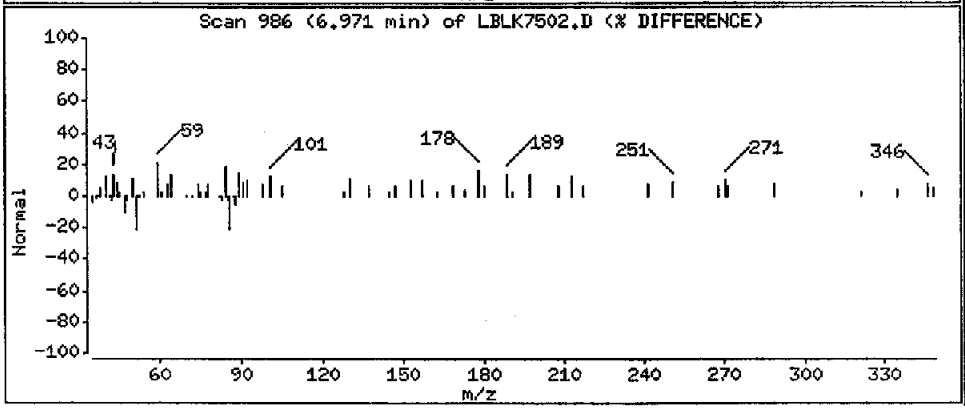






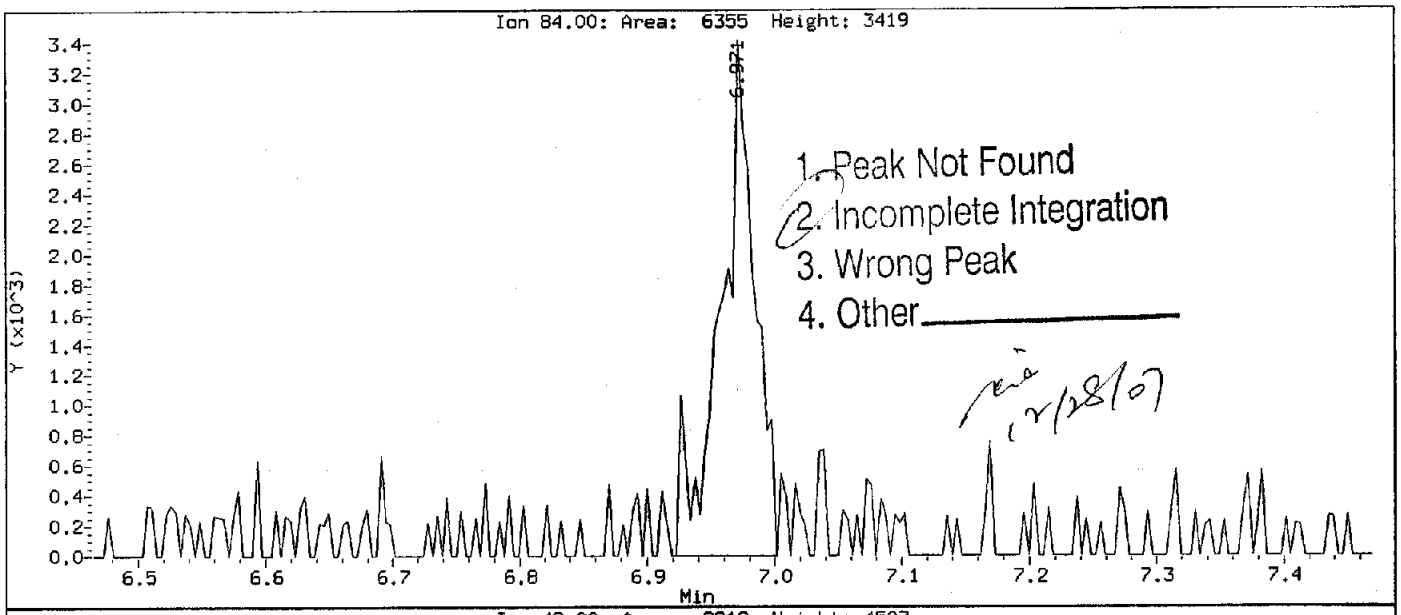


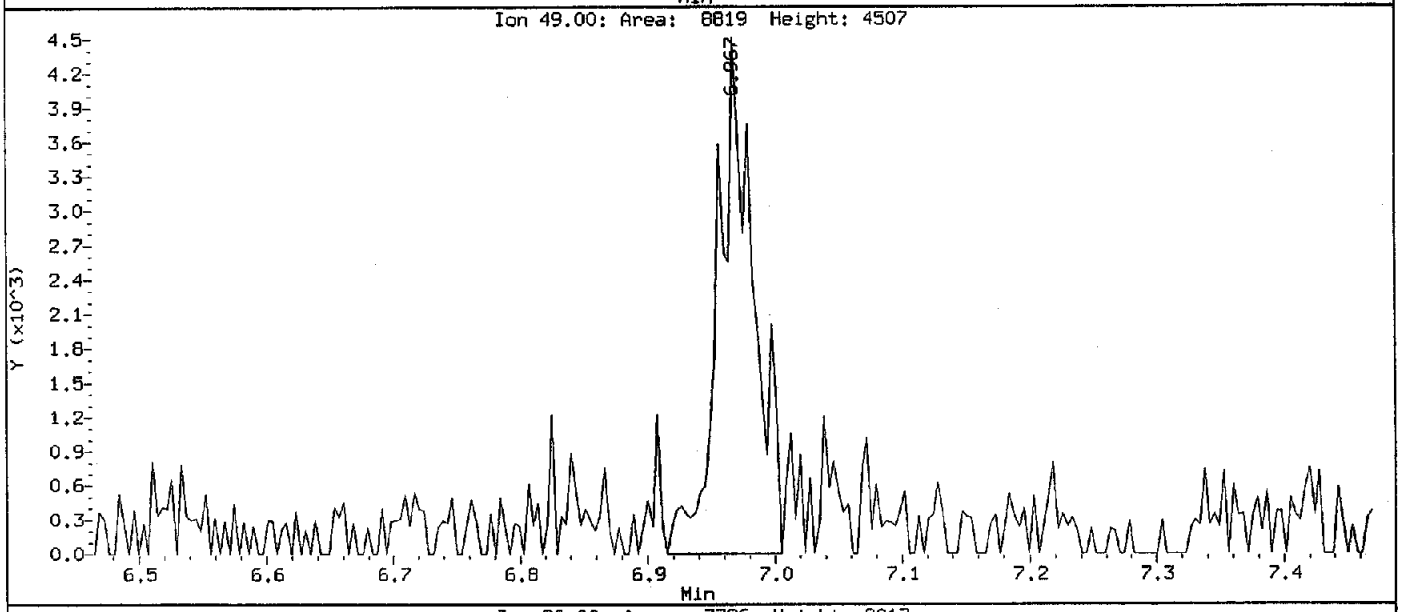


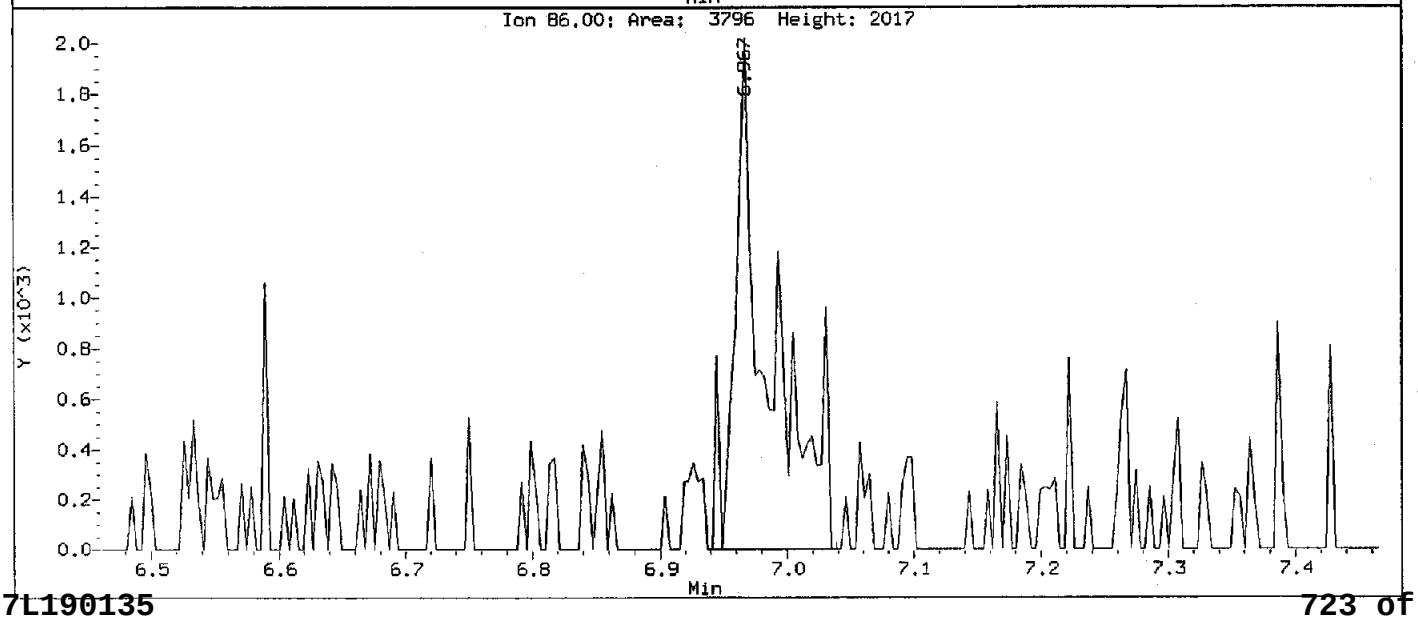


Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D
Injection Date: 27-DEC-2007 13:37
Instrument: MSL.i
Client Sample ID: VBLKL361A

Compound: Methylene Chloride
CAS Number: 75-09-2







Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LBLK7426B.D
Report Date: 27-Dec-2007 14:47

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071221A.B\LBLK7426B.D
Lab Smp Id: KET0C1AA Client Smp ID: VBLKL355A
Inj Date : 21-DEC-2007 15:08
Operator : XIA Inst ID: MSL.i
Smp Info : KET0C1AA
Misc Info : VBLKL355A;F7L240000-096B;7358096
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Meth Date : 27-Dec-2007 12:26 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 36 Dibromofluoromethane	113	8.909	8.906	(0.921)	171122	10.6408	10.64
$ 43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	131198	10.3743	10.37
* 45 Fluorobenzene	96	9.673	9.673	(1.000)	1084733	10.0000	
$ 57 Toluene-d8	98	11.083	11.084	(0.884)	1044519	10.7653	10.76
* 70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	648932	10.0000	
$ 78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	226622	10.1337	10.13
* 94 1,4 Dichlorobenzene-d4	152	14.728	14.725	(1.000)	227578	10.0000	

12/27/07

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LBLK7426B.D
Report Date: 27-Dec-2007 14:47

STL St. Louis

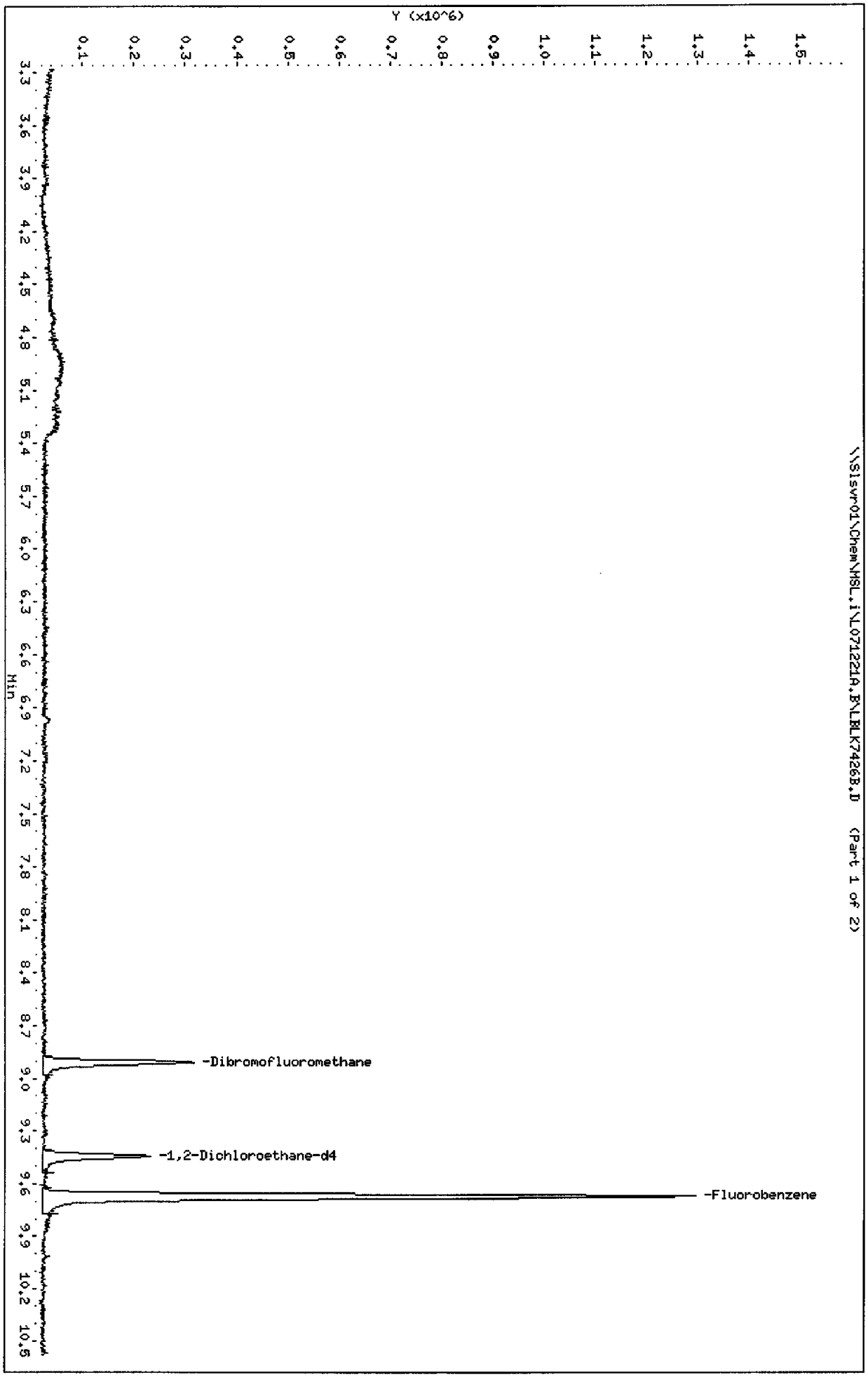
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LBLK7426B.D
Lab Smp Id: KET0C1AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 21-DEC-2007
Calibration Time: 13:05
Client Smp ID: VBLKL355A
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Misc Info: VBLKL355A;F7L240000-096B;7358096

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1399217	699609	2798434	1084733	-22.48
70 Chlorobenzene-d5	802936	401468	1605872	648932	-19.18
94 1,4 Dichlorobenze	308619	154310	617238	227578	-26.26

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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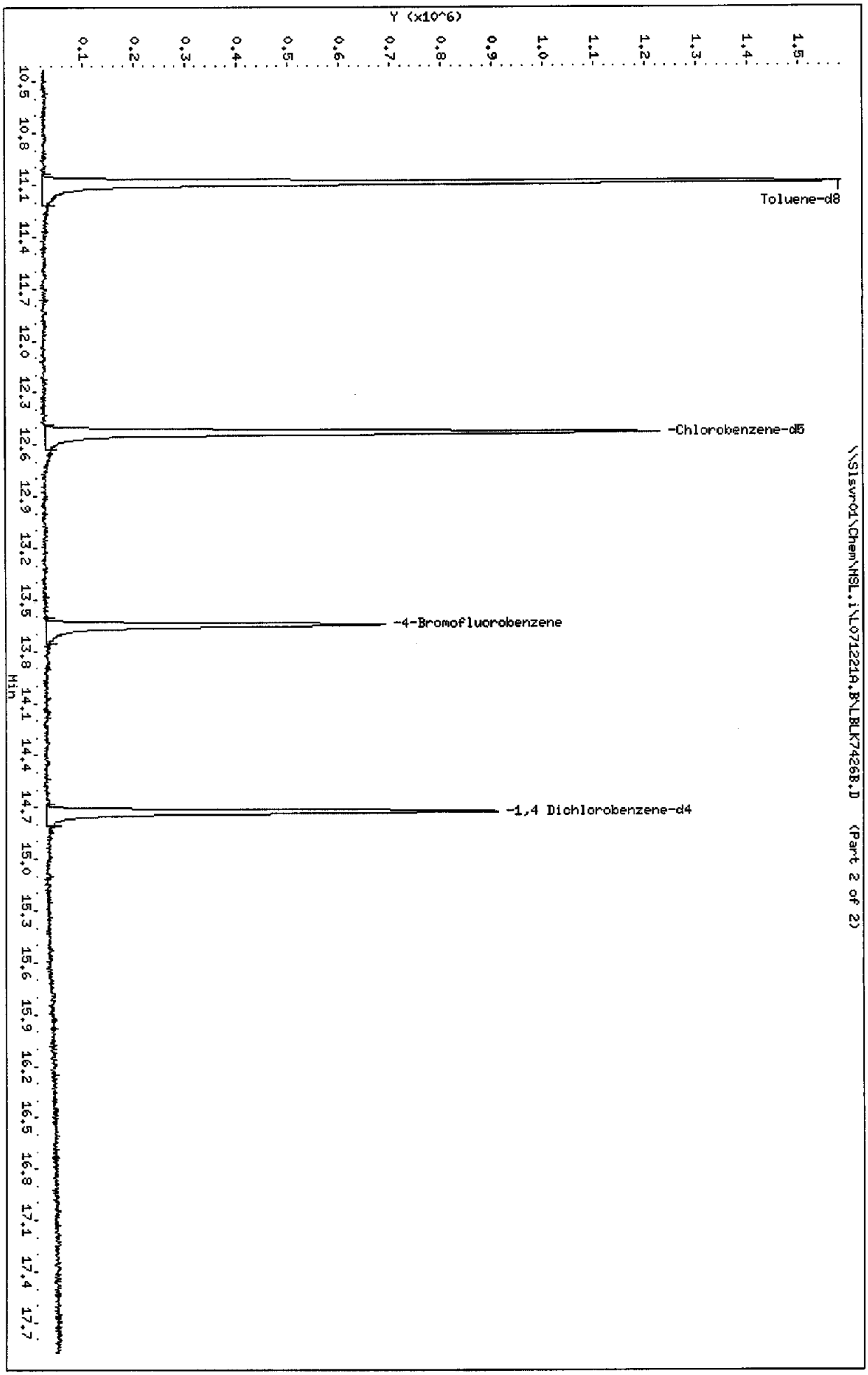
Date : 21-DEC-2007 15:08
Client ID: VBLKL355A
Sample Info: KETOC10A
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071221A.B\LBLK74268.D (Part 1 of 2)
Y (x10^6)
Min
-Dibromofluoromethane
-1,2-Dichloroethane-d4
-Fluorobenzene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Client ID: VBLKL355A
Sample Info: KETOC1AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8
-Chlorobenzene-d5
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4
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Min

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D
Report Date: 26-Dec-2007 12:42

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D
Lab Smp Id: KERR91AC Client Smp ID: VLCSL358A
Inj Date : 24-DEC-2007 12:08
Operator : XIA Inst ID: MSL.i
Smp Info : KERR91AC
Misc Info : VBLKL358A;F7L260000-149C;7360149
Comment : NONE
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Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.460	3.464	(0.358)	368152	8.67429	8.674
2	Freon-114	135	3.749	3.741	(0.388)	139210	13.9403	13.94(R)
3	Chloromethane	50	3.902	3.898	(0.404)	614683	7.96557	7.966
4	Vinyl Chloride	62	4.100	4.097	(0.424)	568016	8.69474	8.695
5	Bromomethane	94	4.800	4.800	(0.496)	461384	11.2348	11.23
6	Chloroethane	64	5.032	5.032	(0.520)	320525	8.11964	8.120
7	Trichlorofluoromethane	101	5.283	5.279	(0.546)	485804	8.41841	8.418
8	Diethyl ether	59	5.788	5.792	(0.599)	259355	23.2449	23.24
9	1,1-Dichloroethene	96	6.147	6.147	(0.636)	304234	9.61862	9.619
10	1,1,2-Trichlorofluoroethane	101	6.129	6.132	(0.634)	325537	10.1855	10.18
11	Carbon Disulfide	76	6.305	6.305	(0.652)	1058284	10.1820	10.18
12	Iodomethane	142	6.432	6.432	(0.665)	92877	8.40995	8.410
13	Acrolein	56	6.615	6.623	(0.684)	30686	54.9870	54.99(M)
14	Allyl chloride	39	6.810	6.810	(0.704)	348446	9.74850	9.748
15	Methylene Chloride	84	6.963	6.967	(0.720)	308068	10.4425	10.44
16	Acetone	43	6.978	6.967	(0.722)	26166	9.45734	9.457(M)
17	trans-1,2-Dichloroethene	96	7.176	7.180	(0.742)	371299	9.76265	9.763
18	n-Hexane	57	7.176	7.177	(0.742)	665485	9.91186	9.912
19	Methyl Acetate	74	7.132	7.128	(0.738)	24069	8.49173	8.492(M)
20	MTBE	73	7.214	7.210	(0.746)	407124	11.8393	11.84
M 21	1,2-Dichloroethene (total)	96				699186	19.7827	19.78
22	Acetonitrile	41	7.566	7.562	(0.782)	42662	52.8456	52.84

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D
Report Date: 26-Dec-2007 12:42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.914	7.906	(0.818)	173142	59.2036	59.20
	24 1,1-Dichloroethane	63	7.873	7.869	(0.814)	658326	9.82565	9.826
	25 2-Chloro-1,3-butadiene	53	7.839	7.843	(0.811)	536891	9.94998	9.950
	26 Vinyl acetate	43	8.082	8.078	(0.836)	216439	12.7628	12.76(R)
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	327887	10.0200	10.02
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	528612	9.46252	9.462
	29 Bromochloromethane	128	8.700	8.692	(0.900)	80385	10.5830	10.58
	30 Cyclohexane	84	8.666	8.666	(0.896)	596859	10.1540	10.15
	31 Chloroform	83	8.707	8.707	(0.901)	538091	9.80675	9.807
	32 Ethyl acetate	43	8.744	8.752	(0.904)	89681	56.2864	56.29(R)
	33 Carbon Tetrachloride	117	8.898	8.894	(0.920)	464823	10.3669	10.37
	34 Isobutanol	42	8.894	8.891	(0.920)	103536	202.657	202.6
	35 Tetrahydrofuran	71	8.902	8.891	(0.921)	45846	60.1064	60.11
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	212225	10.7987	10.80
	37 1,1,1-Trichloroethane	97	8.932	8.932	(0.924)	523344	9.70200	9.702
	38 2-Butanone	43	8.965	8.962	(0.927)	25828	9.73614	9.736
	39 1,1-Dichloropropene	75	9.048	9.048	(0.936)	509383	9.74263	9.743
	40 Benzene	78	9.313	9.313	(0.963)	1508581	9.83640	9.836
	41 Propionitrile	54	9.268	9.272	(0.959)	51728	55.3808	55.38
	42 Methacrylonitrile	41	9.287	9.283	(0.961)	256139	60.0115	60.01(R)
$	43 1,2-Dichloroethane-d4	65	9.437	9.441	(0.976)	162795	10.5335	10.53
	44 1,2-Dichloroethane	62	9.512	9.512	(0.984)	215133	10.4470	10.45
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	1325622	10.0000	
	46 n-Butanol	56	10.039	10.028	(1.038)	15423	143.327	143.3(RM)
	47 Methylcyclohexane	55	9.811	9.811	(1.015)	542078	9.73984	9.740
	48 Trichloroethene	130	9.852	9.852	(1.019)	379058	10.2046	10.20
	49 Dibromomethane	93	10.316	10.313	(1.067)	66173	9.97378	9.974
	50 1,2-Dichloropropane	63	10.324	10.320	(1.068)	295681	10.1732	10.17
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	308000	11.0429	11.04
M	52 Xylenes (total)	106				2040987	29.0575	29.06
	53 Methyl methacrylate	69	10.402	10.399	(1.076)	64049	11.7223	11.72
	54 1,4-Dioxane	88	10.548	10.545	(1.091)	23121	159.040	159.0(RM)
	55 2-chloroethyl vinyl ether	63	10.806	10.803	(1.118)	32451	9.02654	9.026(M)
	56 cis-1,3-Dichloropropene	75	10.926	10.930	(1.130)	323989	11.2494	11.25
$	57 Toluene-d8	98	11.083	11.083	(0.885)	1202126	10.0630	10.06
	58 Toluene	91	11.136	11.136	(0.889)	1598926	9.54853	9.548
	59 2-Nitro-Propane	43	11.300	11.304	(0.902)	46976	10.4090	10.41
	60 4-Methyl-2-pentanone	43	11.360	11.360	(0.907)	89757	12.6307	12.63
	61 trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	219611	11.0166	11.02
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	271418	9.73081	9.731
	63 Ethyl methacrylate	69	11.503	11.506	(0.918)	135265	9.58016	9.580
	64 1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	127822	10.3394	10.34
	65 Chlorodibromomethane	129	11.888	11.892	(0.949)	135644	11.4147	11.41
	66 1,3-Dichloropropane	76	11.910	11.911	(0.951)	241937	10.6277	10.63
	67 1,2-Dibromoethane	107	12.146	12.146	(0.970)	89633	10.1980	10.20
	68 2-Hexanone	43	12.113	12.116	(0.967)	44441	10.5798	10.58
	69 Ethylbenzene	106	12.498	12.498	(0.998)	563914	9.37878	9.379
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	798973	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	854867	9.97613	9.976
	72 1,1,1,2-Tetrachloroethane	131	12.584	12.584	(1.004)	234233	10.2076	10.21
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1432763	18.8801	18.88
	74 o-Xylene	106	13.033	13.033	(1.040)	608224	10.1774	10.18
	75 Styrene	104	13.089	13.089	(1.045)	822433	9.41948	9.419
	76 Bromoform	173	13.254	13.258	(0.900)	58777	11.4467	11.45

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Report Date: 26-Dec-2007 12:42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1530477	8.48974	8.490
$ 78	4-Bromofluorobenzene	95	13.643	13.647	(0.927)	290526	9.26194	9.262
79	n-Propylbenzene	91	13.681	13.681	(0.929)	2160147	8.60411	8.604
80	Bromobenzene	156	13.789	13.793	(0.937)	244868	9.59396	9.594
81	1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	129655	10.0022	10.00
82	1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1366824	8.95177	8.952
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	1069712	8.92750	8.927
84	1,2,3-Trichloropropane	110	13.935	13.939	(0.947)	32806	9.79145	9.791
85	trans-1,4-dichloro-2-butene	53	13.931	13.931	(0.946)	32132	10.5202	10.52
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	1015060	9.06809	9.068
87	Cyclohexanone	55	14.002	14.006	(0.951)	25507	66.7565	66.76
88	t-Butylbenzene	119	14.156	14.160	(0.962)	1191066	8.72903	8.729
89	Pentachloroethane	167	14.272	14.279	(0.969)	140233	11.1067	11.11
90	1,2,4-Trimethylbenzene	105	14.223	14.227	(0.966)	1347278	9.10095	9.101
91	sec-Butylbenzene	105	14.328	14.328	(0.973)	1946253	8.69066	8.691
92	4-Isopropyltoluene	119	14.436	14.437	(0.981)	1510405	8.88450	8.884
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	555036	9.44286	9.443
* 94	1,4 Dichlorobenzene-d4	152	14.721	14.725	(1.000)	319212	10.0000	
95	1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	537249	9.26890	9.269
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1592628	8.79851	8.798
98	1,2-Dichlorobenzene	146	15.162	15.166	(1.030)	414071	9.52204	9.522
99	1,2-Dibromo-3-chloropropane	157	15.971	15.978	(1.085)	13263	9.59227	9.592
100	Hexachlorobutadiene	225	16.555	16.555	(1.125)	155982	9.12243	9.122
101	1,2,4-Trichlorobenzene	180	16.678	16.682	(1.133)	230504	11.7497	11.75
102	Naphthalene	128	17.071	17.079	(1.160)	273160	12.0652	12.06
103	1,2,3-Trichlorobenzene	180	17.292	17.296	(1.175)	147550	13.4367	13.44(R)
143	Nonanal	57	15.746	15.743	(1.629)	76995	7.56918	7.569(M)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D
Report Date: 26-Dec-2007 12:42

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

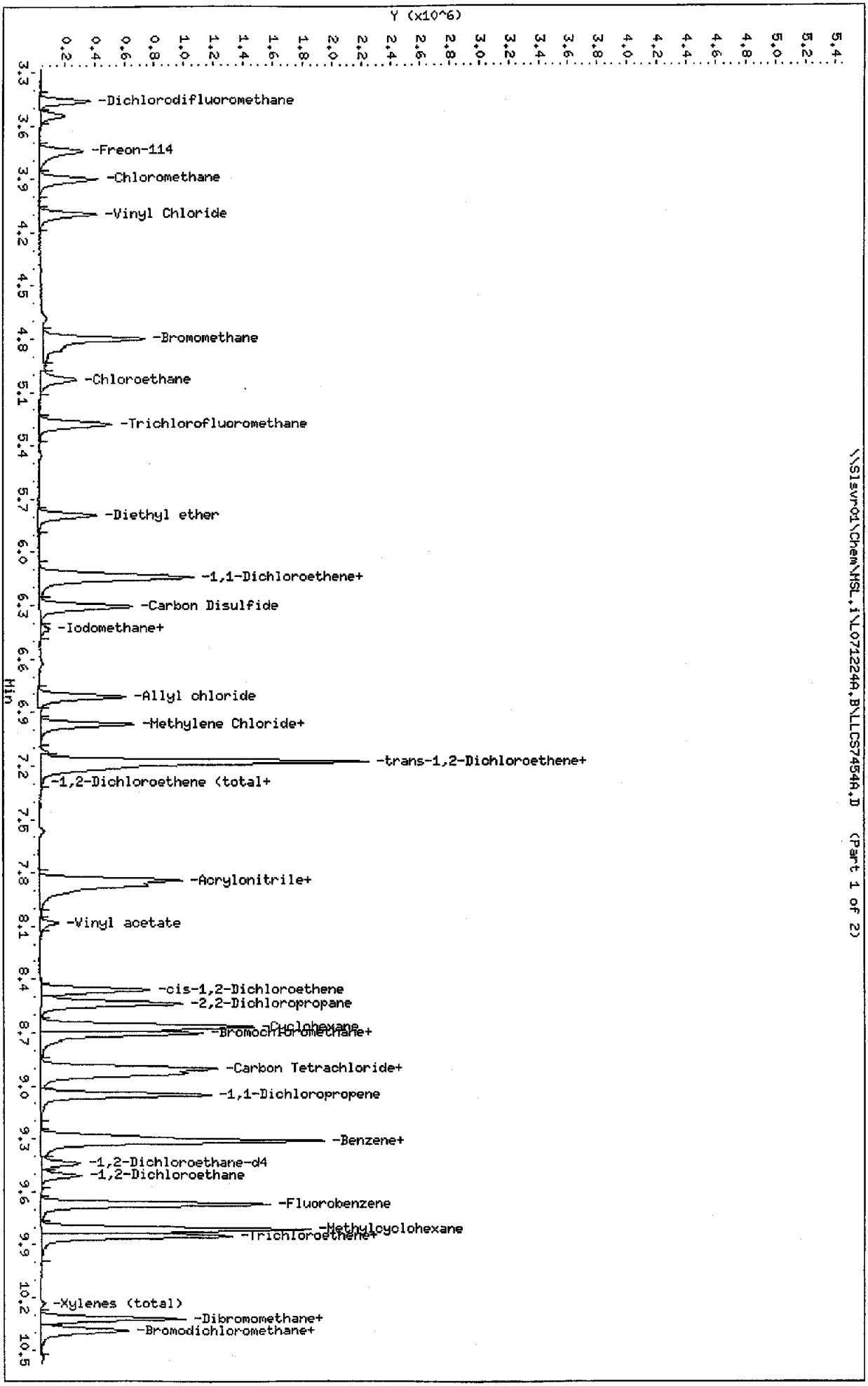
Instrument ID: MSL.i
Lab File ID: LLCS7454A.D
Lab Smp Id: KERR91AC
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L260000-149C;7360149

Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: VLCSL358A
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	1325622	10.18
70 Chlorobenzene-d5	752404	376202	1504808	798973	6.19
94 1,4 Dichlorobenze	317211	158606	634422	319212	0.63

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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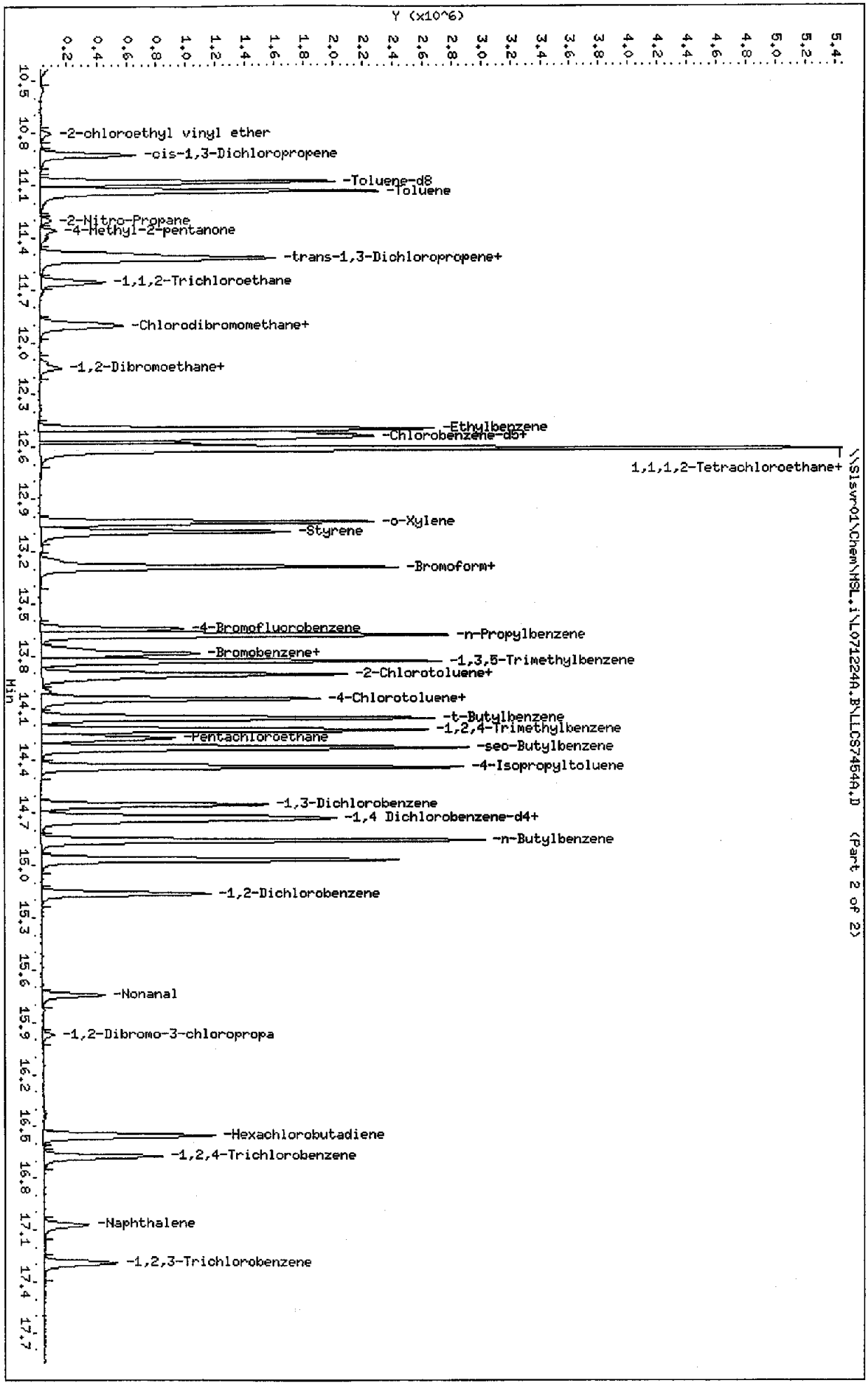
Client ID: VLCSL358A
Sample Info: KERR91AC
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
\\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D (Part 1 of 2)
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane+
-Allyl chloride
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+



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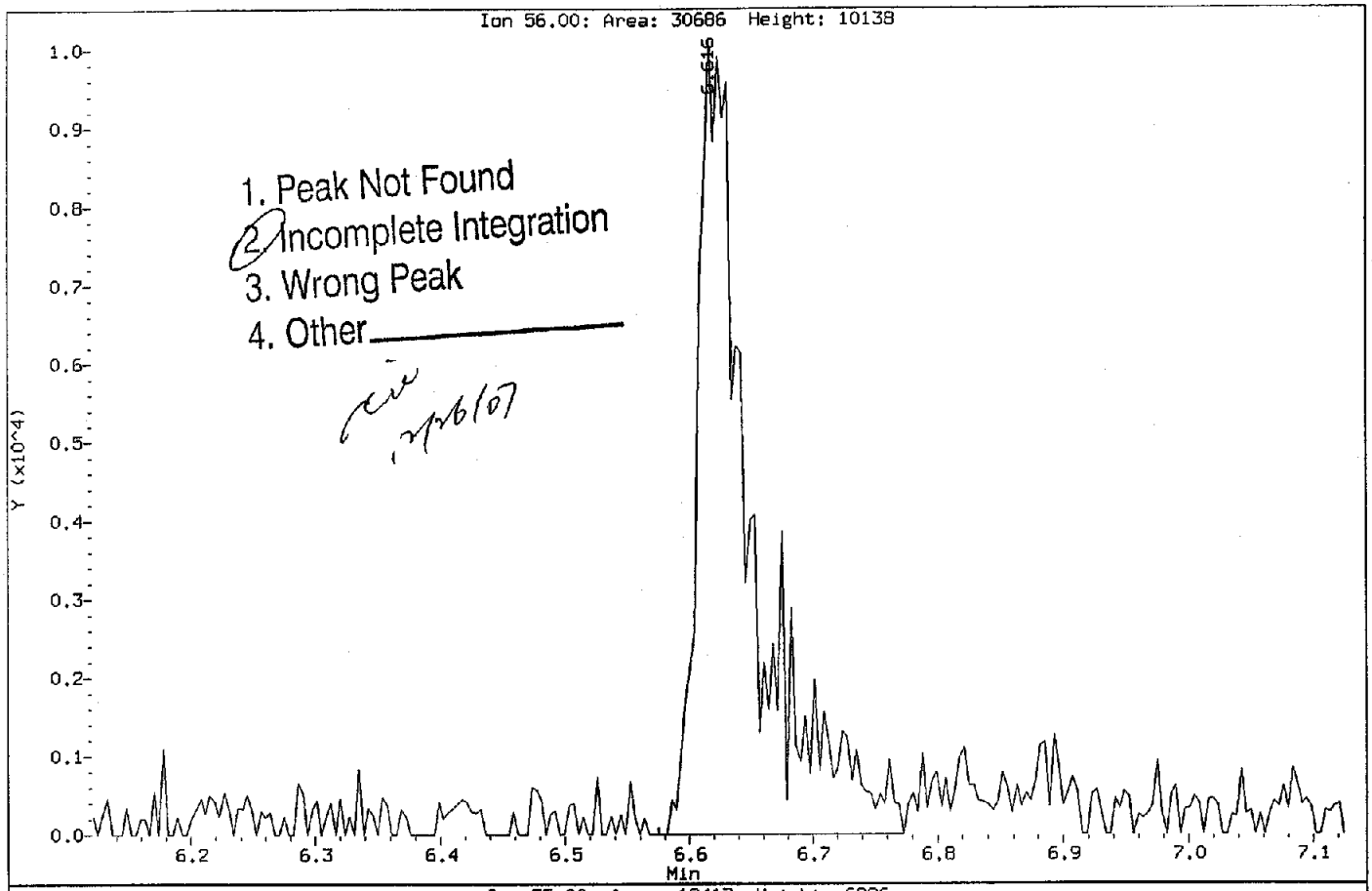
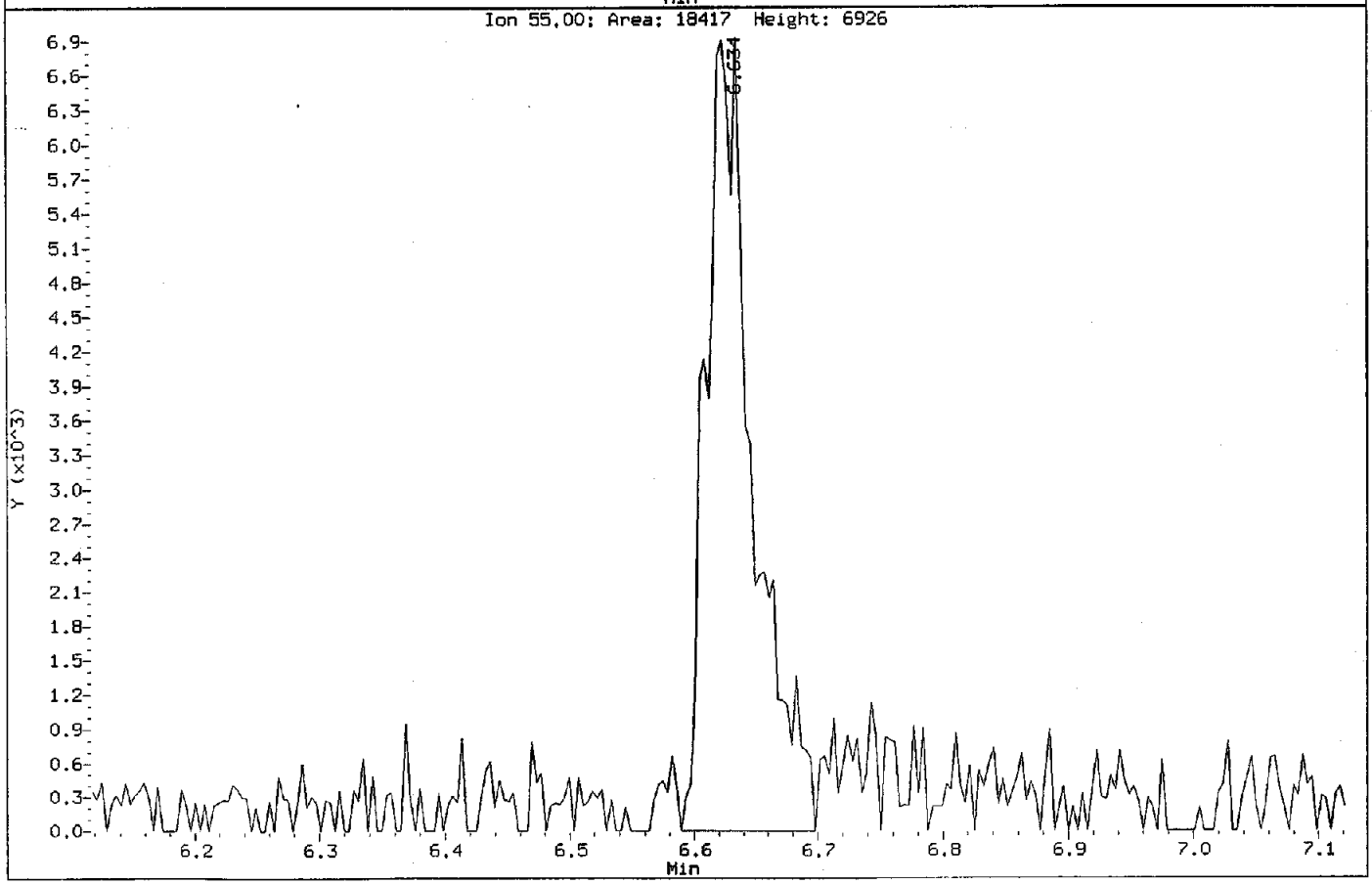
Date : 24-DEC-2007 12:08
Client ID: VLCSL358A
Sample Info: KERR91AC
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: Acrolein
CAS Number: 107-02-8





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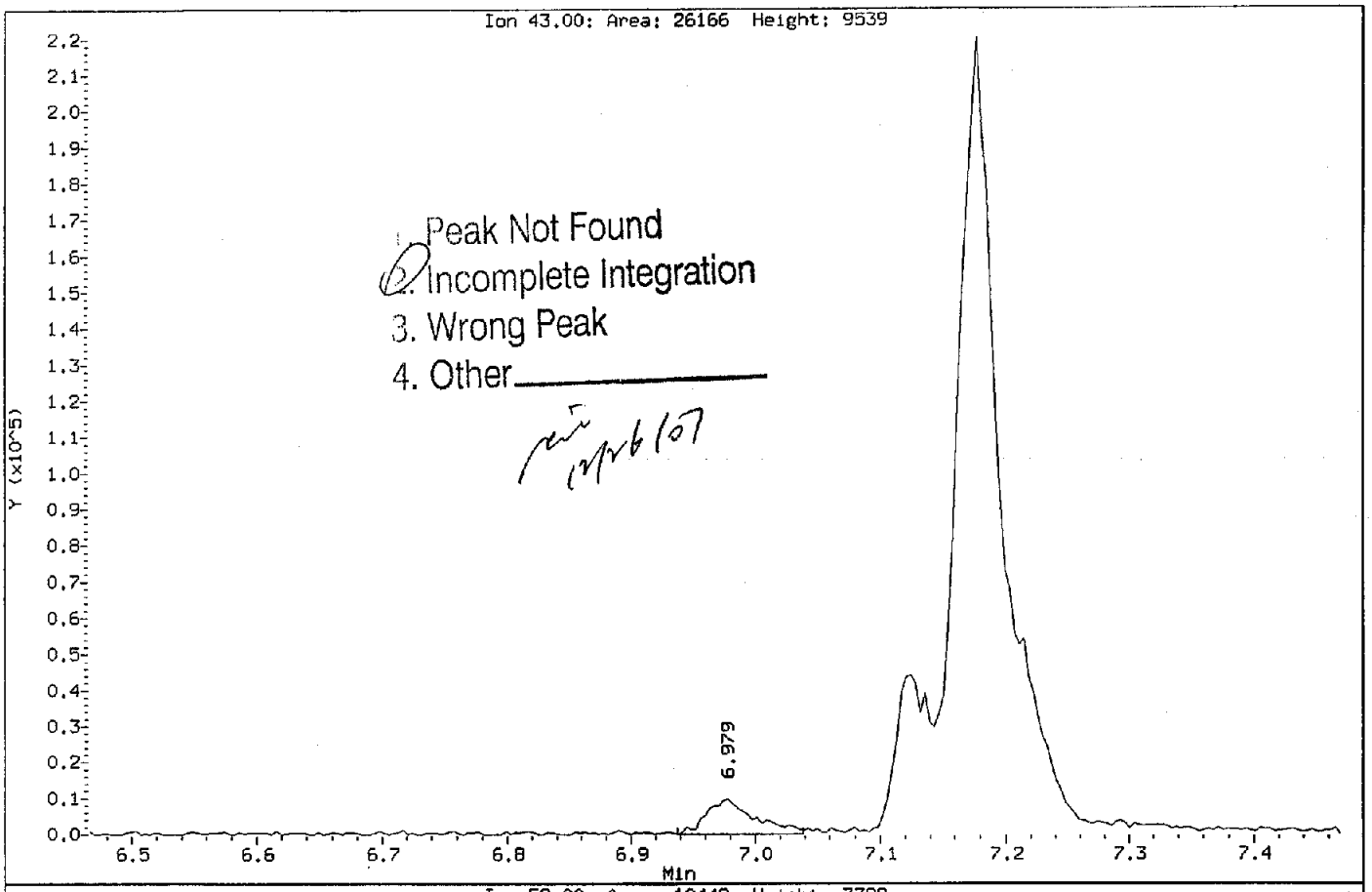
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: Acetone
CAS Number: 67-64-1



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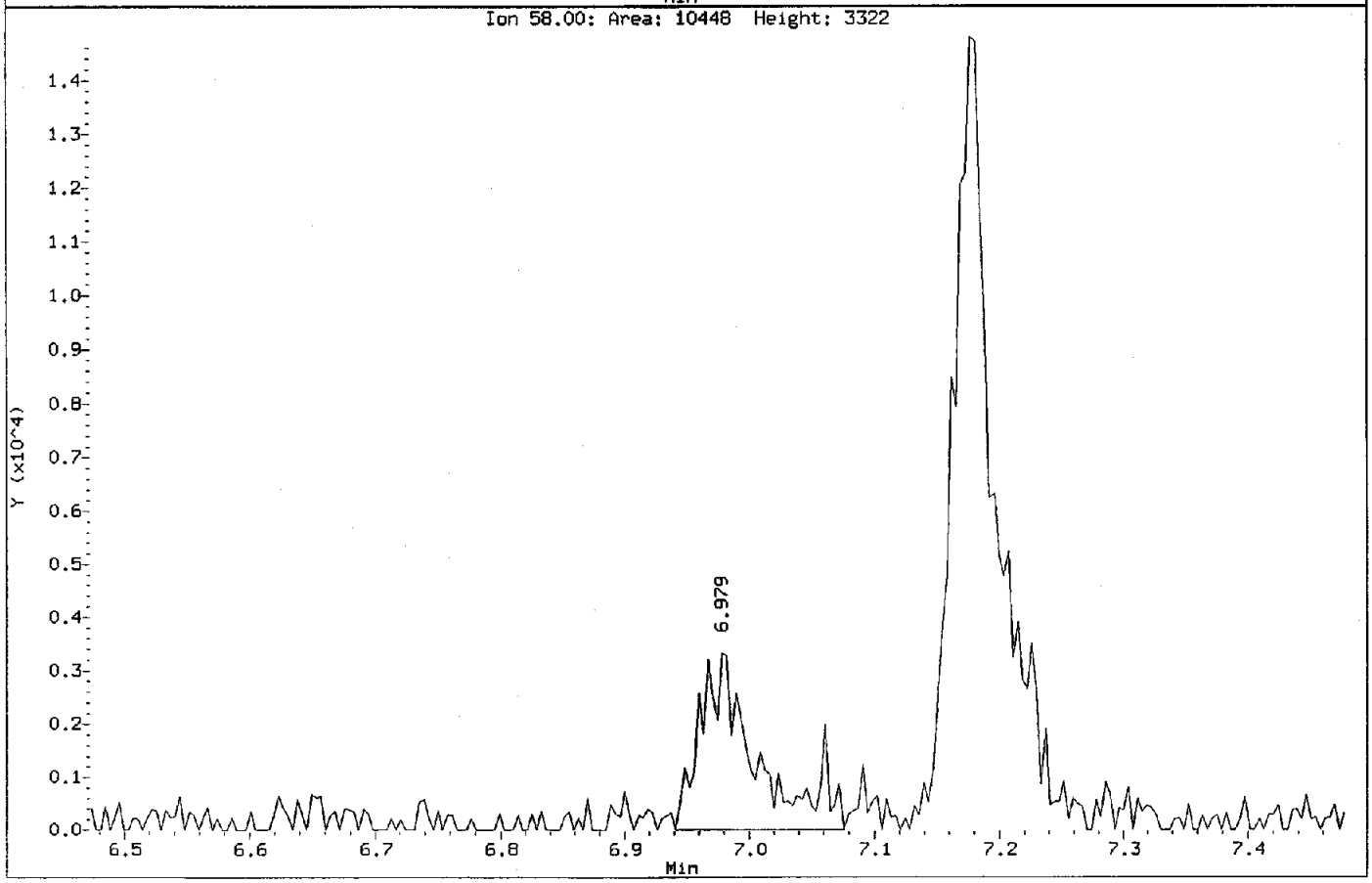
2. Incomplete Integration
3. Wrong Peak
4. Other _____



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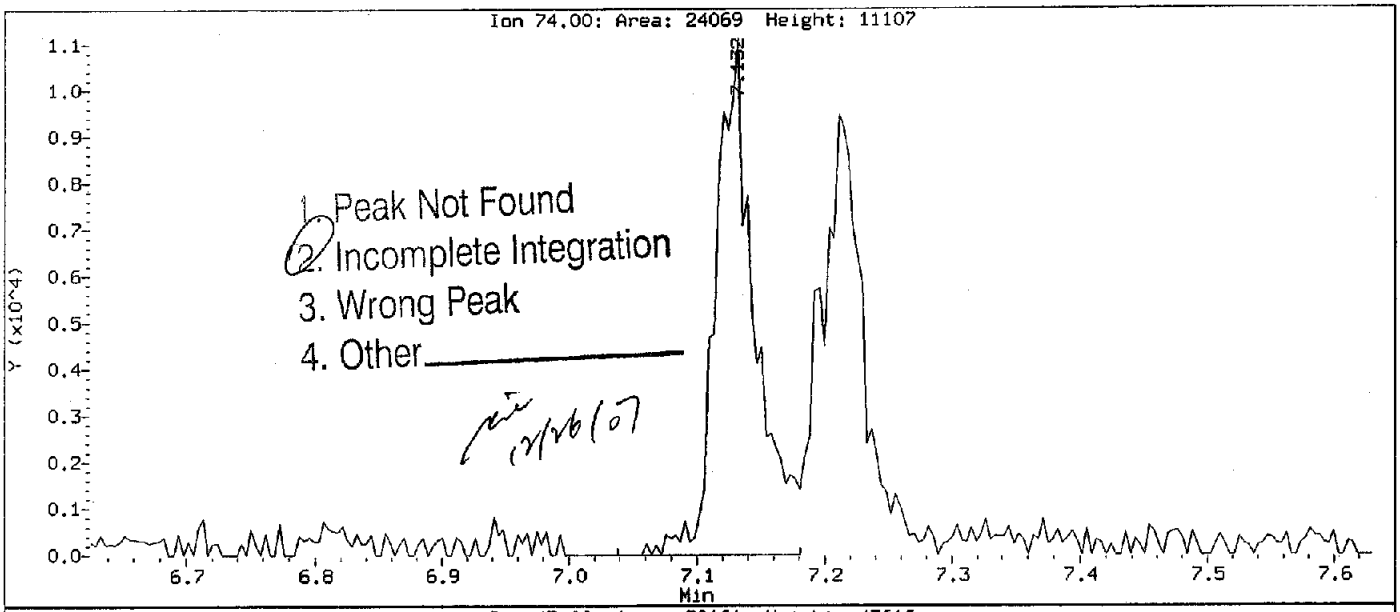
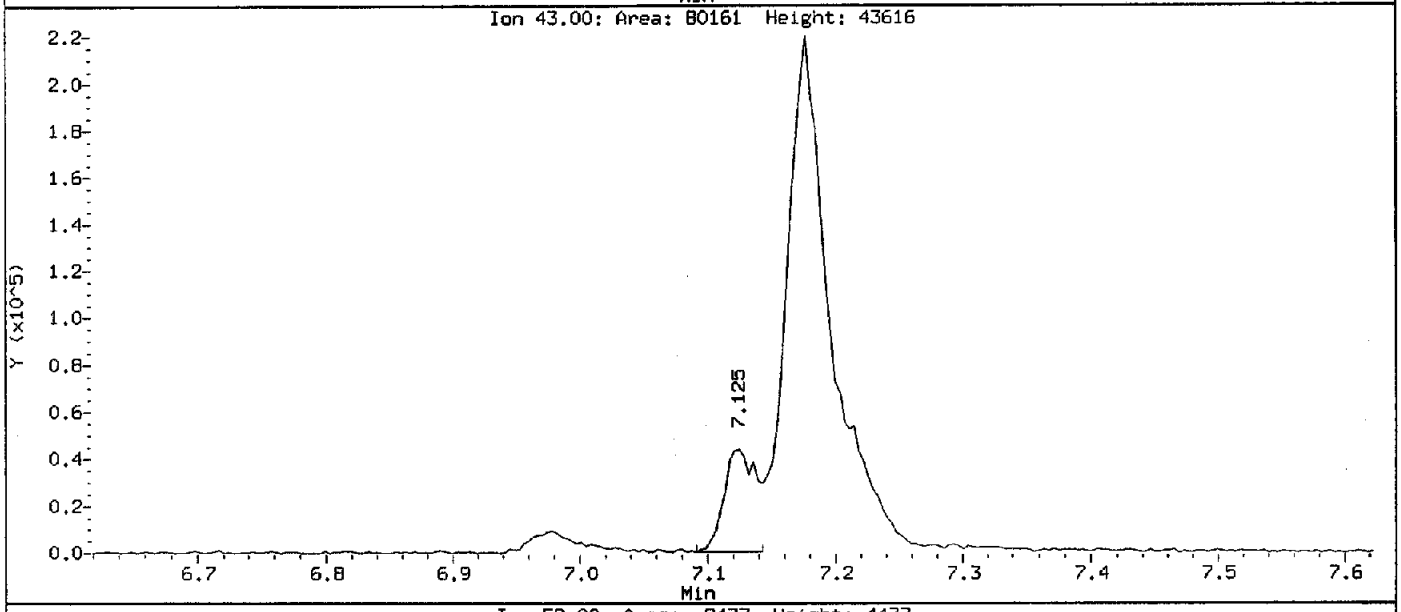
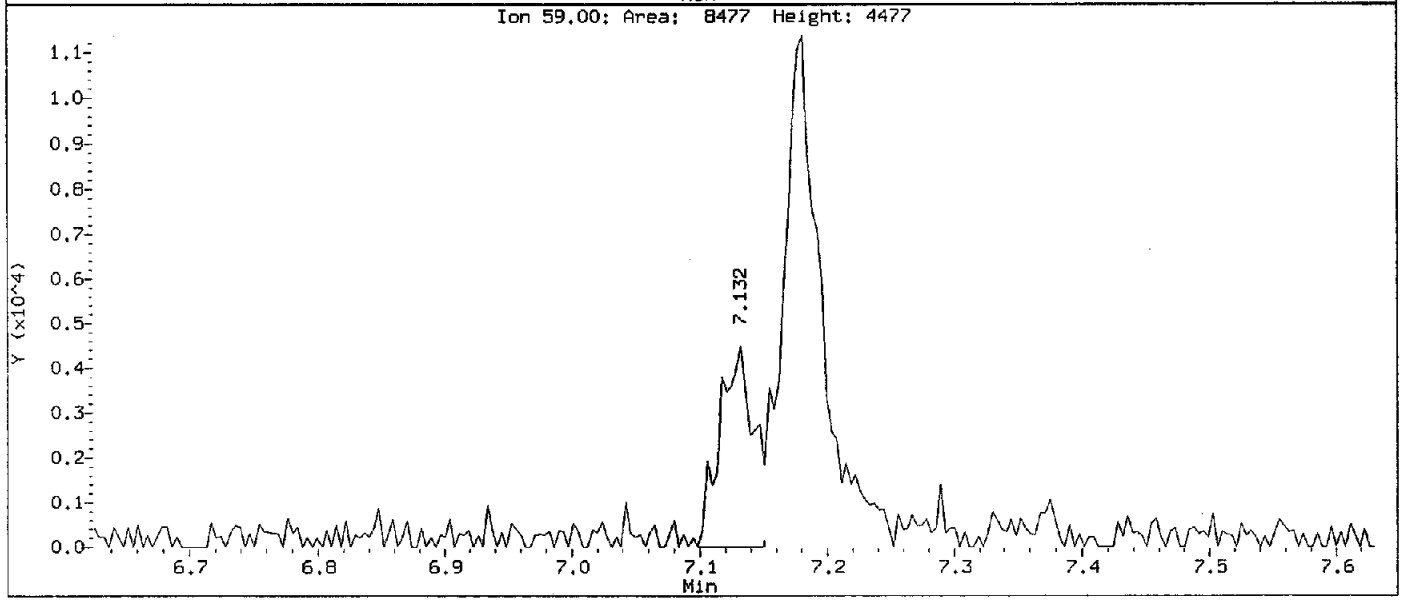
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: Methyl Acetate
CAS Number:







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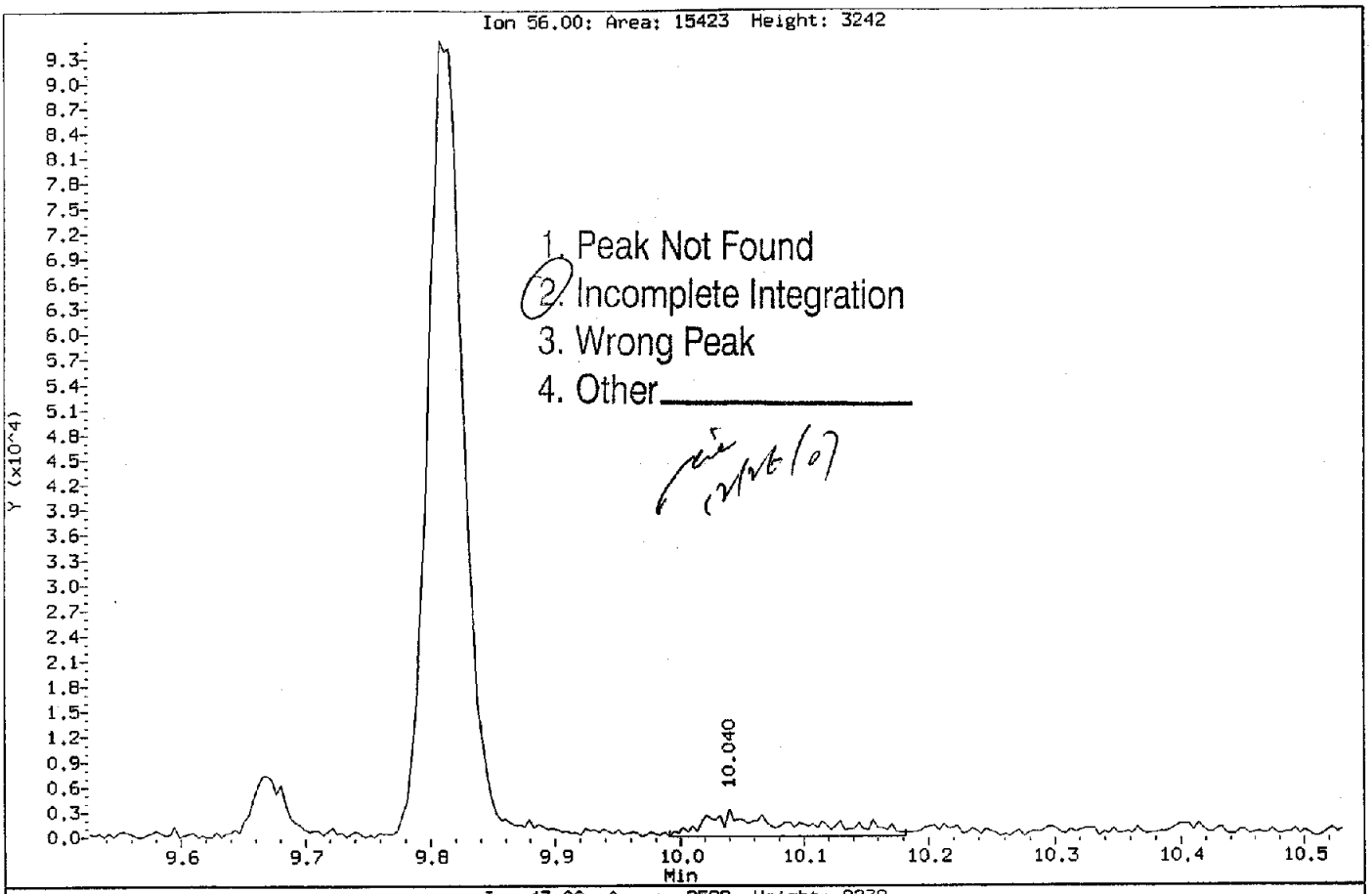
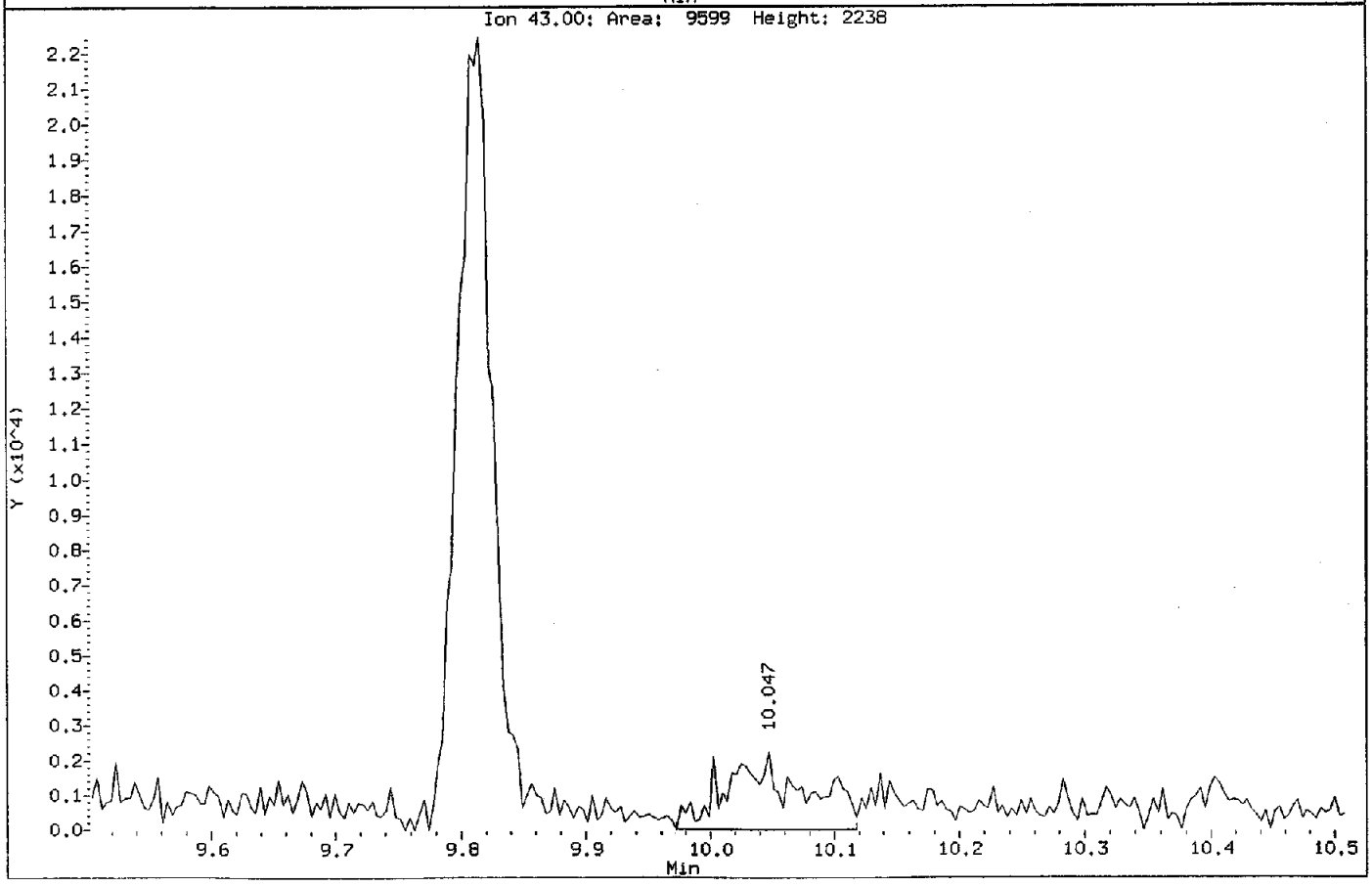
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: n-Butanol
CAS Number: 71-36-3





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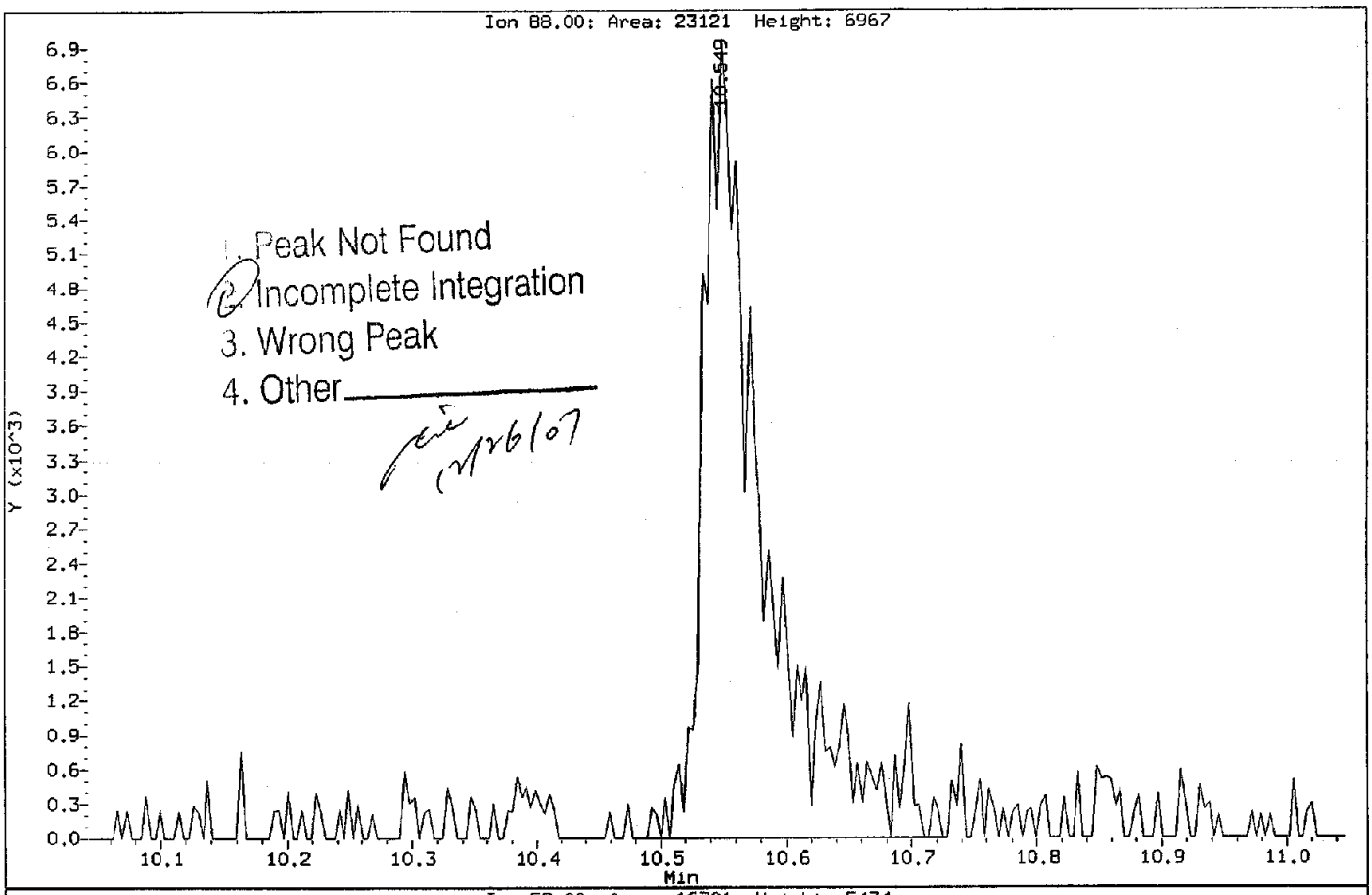
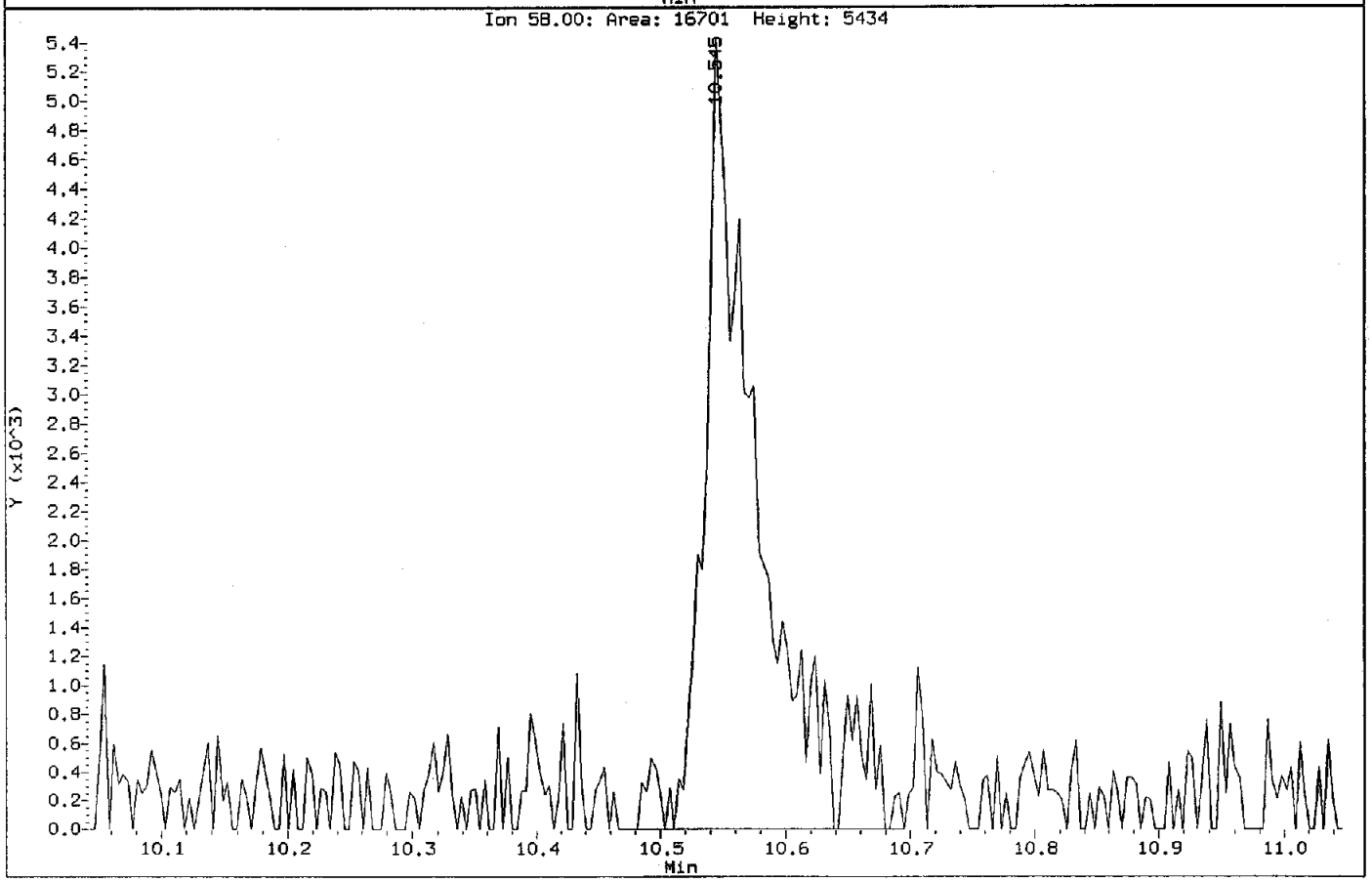
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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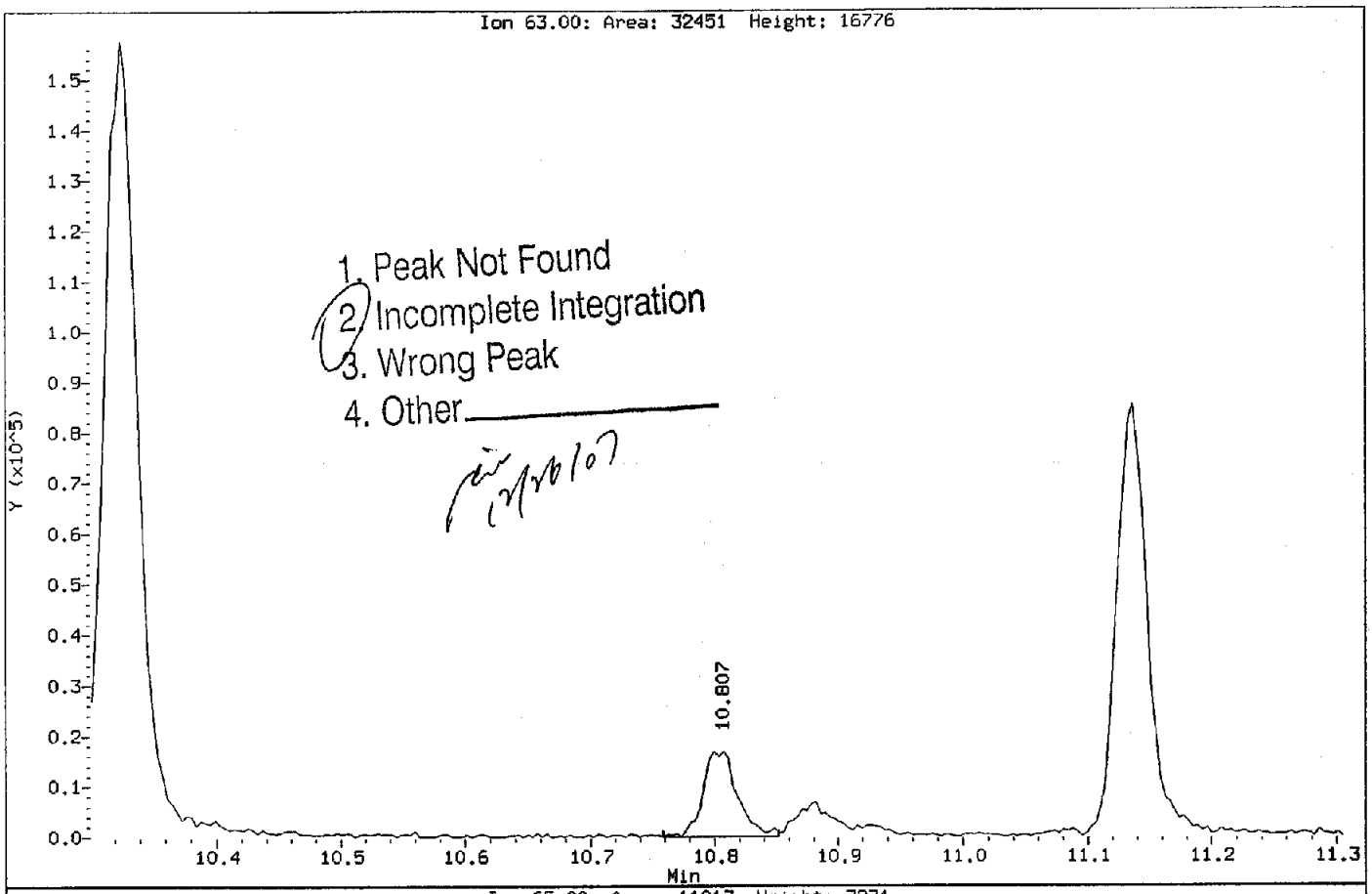
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: 2-chloroethyl vinyl ether
CAS Number: 110-75-8



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other _____

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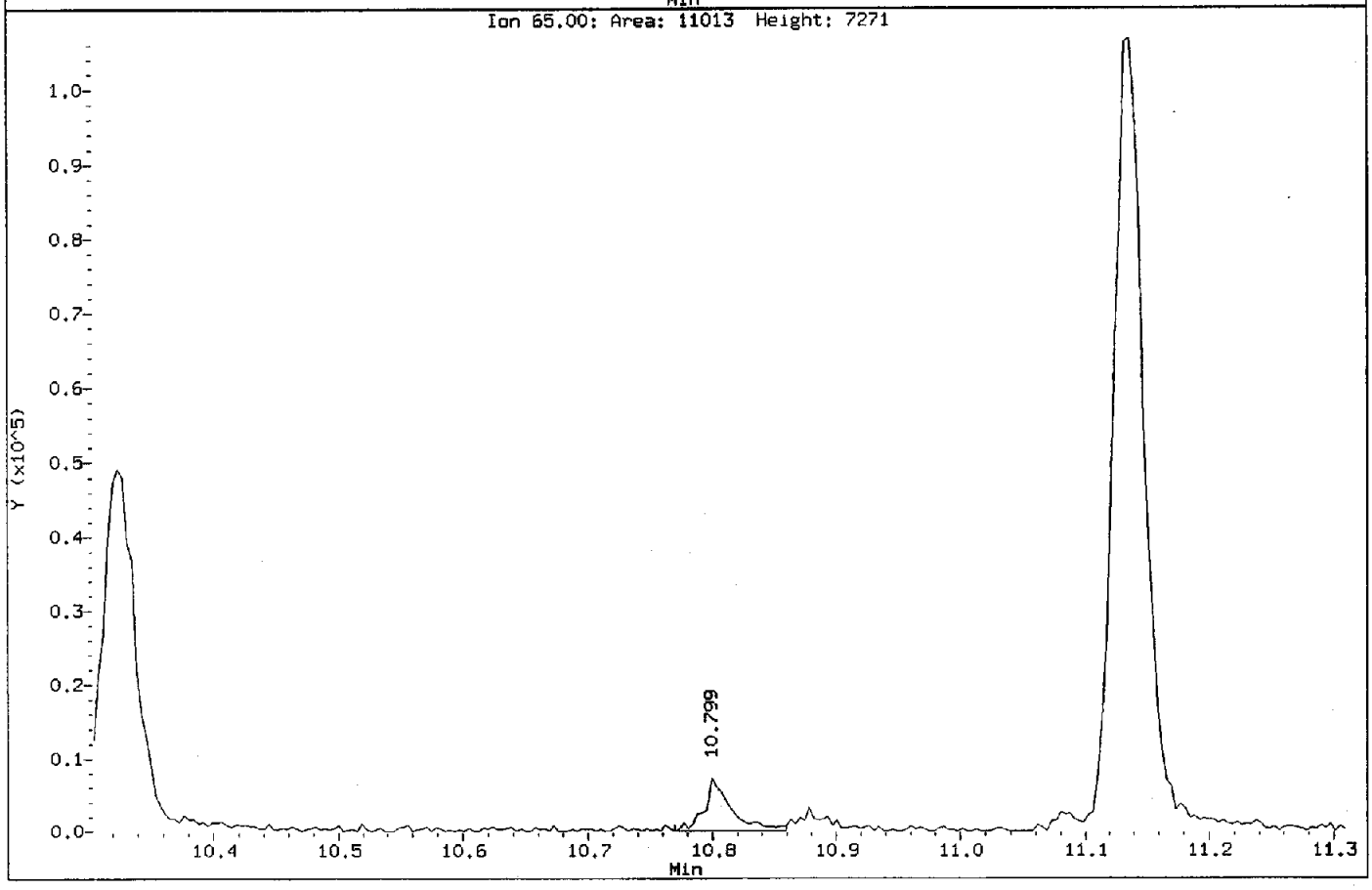

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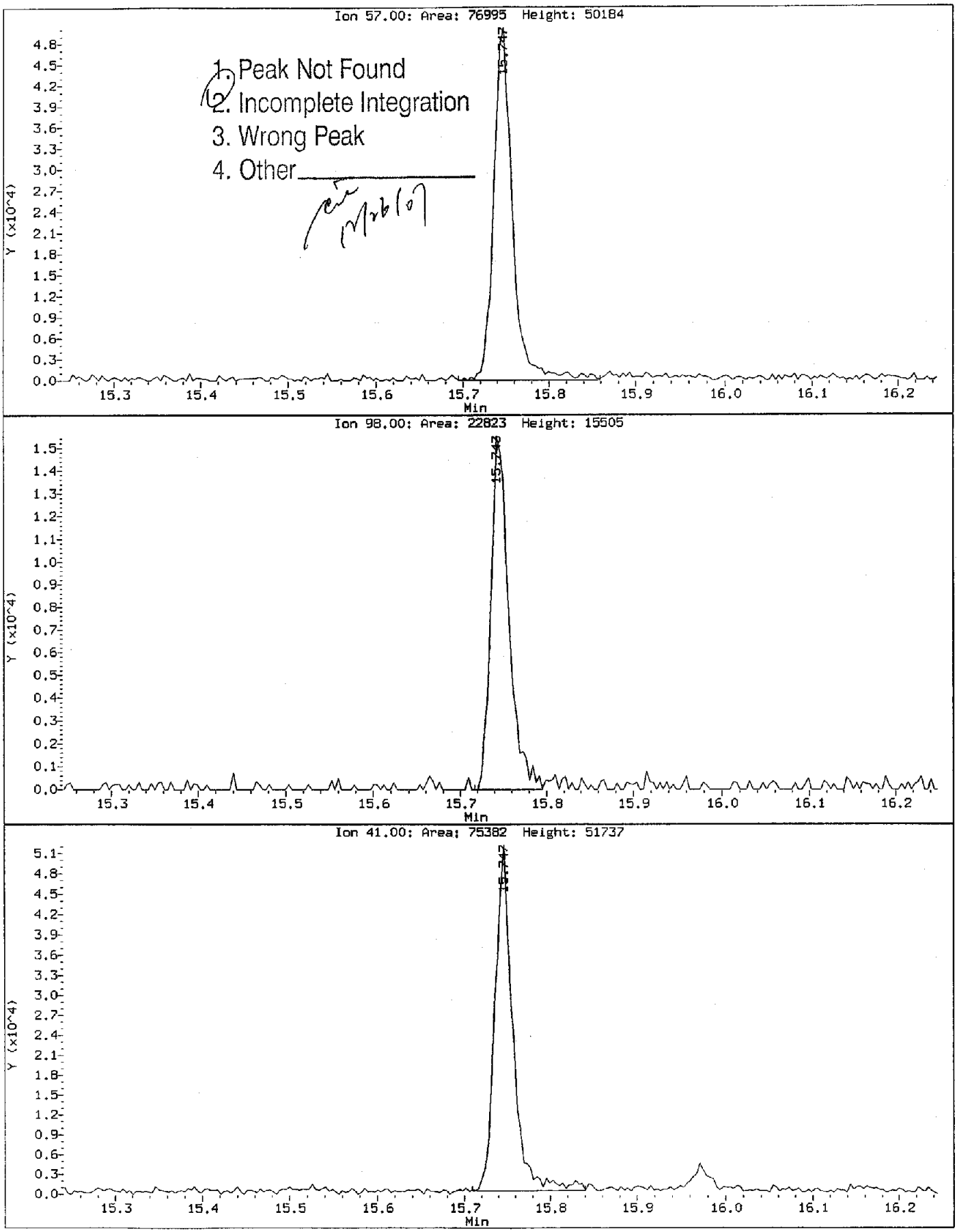
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: Nonanal
CAS Number: 124-19-6



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Report Date: 26-Dec-2007 12:42

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7455A.D
Lab Smp Id: KERR91AD Client Smp ID: VLCSL358B
Inj Date : 24-DEC-2007 12:34
Operator : XIA Inst ID: MSL.i
Smp Info : KERR91AD
Misc Info : VBLKL358A;F7L2600000-149L;7360149
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.460	3.464	(0.358)	421633	9.59257	9.592
2	Freon-114	135	3.745	3.741	(0.387)	182923	17.6873	17.69(R)
3	Chloromethane	50	3.902	3.898	(0.404)	708823	8.86945	8.869
4	Vinyl Chloride	62	4.097	4.097	(0.424)	656700	9.70636	9.706
5	Bromomethane	94	4.796	4.800	(0.496)	501330	11.7875	11.79
6	Chloroethane	64	5.032	5.032	(0.520)	335109	8.19699	8.197
7	Trichlorofluoromethane	101	5.283	5.279	(0.546)	549645	9.19697	9.197
8	Diethyl ether	59	5.792	5.792	(0.599)	277889	24.0491	24.05(R)
9	1,1-Dichloroethene	96	6.151	6.147	(0.636)	321988	9.82965	9.830
10	1,1,2-Trichlorofluoroethane	101	6.129	6.132	(0.634)	345045	10.4244	10.42
11	Carbon Disulfide	76	6.305	6.305	(0.652)	1118785	10.3937	10.39
12	Iodomethane	142	6.432	6.432	(0.665)	104765	9.15999	9.160
13	Acrolein	56	6.619	6.623	(0.685)	24072	41.6510	41.65
14	Allyl chloride	39	6.813	6.810	(0.705)	378265	10.2186	10.22
15	Methylene Chloride	84	6.963	6.967	(0.720)	331731	10.8577	10.86
16	Acetone	43	6.967	6.967	(0.721)	25516	8.79583	8.796(M)
17	trans-1,2-Dichloroethene	96	7.180	7.180	(0.743)	377661	9.58826	9.588
18	n-Hexane	57	7.176	7.177	(0.742)	783641	11.2701	11.27
19	Methyl Acetate	74	7.128	7.128	(0.737)	24058	8.19580	8.196(M)
20	MTBE	73	7.214	7.210	(0.746)	429279	12.0541	12.05
M 21	1,2-Dichloroethene (total)	96				726756	19.8893	19.89
22	Acetonitrile	41	7.566	7.562	(0.782)	39213	46.8165	46.82

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Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7455A.D
Report Date: 26-Dec-2007 12:42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.910	7.906	(0.818)	181166	59.8158	59.82
	24 1,1-Dichloroethane	63	7.876	7.869	(0.815)	673899	9.71199	9.712
	25 2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	557895	9.98348	9.983
	26 Vinyl acetate	43	8.082	8.078	(0.836)	237995	13.5510	13.55(R)
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	349095	10.3011	10.30
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	553729	9.57107	9.571
	29 Bromochloromethane	128	8.700	8.692	(0.900)	84144	10.6967	10.70
	30 Cyclohexane	84	8.662	8.666	(0.896)	646385	10.6182	10.62
	31 Chloroform	83	8.707	8.707	(0.901)	583151	10.2623	10.26
	32 Ethyl acetate	43	8.748	8.752	(0.905)	96486	58.4520	58.45(R)
	33 Carbon Tetrachloride	117	8.898	8.894	(0.920)	494703	10.6536	10.65
	34 Isobutanol	42	8.898	8.891	(0.920)	117406	221.899	221.9
	35 Tetrahydrofuran	71	8.894	8.891	(0.920)	45978	58.2053	58.20
$	36 Dibromofluoromethane	113	8.902	8.905	(0.921)	224833	11.0466	11.05
	37 1,1,1-Trichloroethane	97	8.932	8.932	(0.924)	550891	9.86127	9.861
	38 2-Butanone	43	8.965	8.962	(0.927)	25706	9.36528	9.365(M)
	39 1,1-Dichloropropene	75	9.048	9.048	(0.936)	530918	9.80511	9.805
	40 Benzene	78	9.313	9.313	(0.963)	1570825	9.88983	9.890
	41 Propionitrile	54	9.276	9.272	(0.959)	53548	55.3567	55.36
	42 Methacrylonitrile	41	9.283	9.283	(0.960)	332063	75.1230	75.12(R)
$	43 1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	168373	10.5196	10.52
	44 1,2-Dichloroethane	62	9.512	9.512	(0.984)	222551	10.4353	10.44
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	1372860	10.0000	
	46 n-Butanol	56	10.073	10.028	(1.042)	10010	89.8226	89.82(M)
	47 Methylcyclohexane	55	9.815	9.811	(1.015)	585073	10.1506	10.15
	48 Trichloroethene	130	9.852	9.852	(1.019)	385350	10.0171	10.02
	49 Dibromomethane	93	10.309	10.313	(1.066)	72960	10.6184	10.62
	50 1,2-Dichloropropane	63	10.324	10.320	(1.068)	318703	10.5880	10.59
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	319279	11.0534	11.05
M	52 Xylenes (total)	106				2124603	28.9410	28.94
	53 Methyl methacrylate	69	10.406	10.399	(1.076)	68792	12.1571	12.16
	54 1,4-Dioxane	88	10.544	10.545	(1.091)	22096	143.025	143.0(RM)
	55 2-chloroethyl vinyl ether	63	10.799	10.803	(1.117)	33613	9.02805	9.028
	56 cis-1,3-Dichloropropene	75	10.926	10.930	(1.130)	334965	11.2303	11.23
$	57 Toluene-d8	98	11.083	11.083	(0.885)	1235998	9.91657	9.916
	58 Toluene	91	11.136	11.136	(0.889)	1651951	9.45521	9.455
	59 2-Nitro-Propane	43	11.300	11.304	(0.902)	50196	10.6490	10.65
	60 4-Methyl-2-pentanone	43	11.357	11.360	(0.907)	84578	11.4073	11.41
	61 trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	218887	10.5240	10.52
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	280468	9.63814	9.638
	63 Ethyl methacrylate	69	11.502	11.506	(0.918)	146114	9.87238	9.872
	64 1,1,2-Trichloroethane	97	11.660	11.656	(0.931)	132569	10.2778	10.28
	65 Chlorodibromomethane	129	11.892	11.892	(0.949)	140803	11.3564	11.36
	66 1,3-Dichloropropane	76	11.910	11.911	(0.951)	257643	10.8473	10.85
	67 1,2-Dibromoethane	107	12.146	12.146	(0.970)	97067	10.5848	10.58
	68 2-Hexanone	43	12.112	12.116	(0.967)	40346	9.27230	9.272
	69 Ethylbenzene	106	12.502	12.498	(0.998)	593599	9.46221	9.462
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	833616	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	894017	9.99943	9.999
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.584	(1.004)	248249	10.3688	10.37
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1506110	19.0218	19.02
	74 o-Xylene	106	13.033	13.033	(1.040)	618493	9.91917	9.919
	75 Styrene	104	13.089	13.089	(1.045)	857909	9.41748	9.417
	76 Bromoform	173	13.258	13.258	(0.901)	61438	11.7028	11.70

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7455A.D
Report Date: 26-Dec-2007 12:42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	77 Isopropylbenzene	105	13.291	13.291	(0.903)	1606255	8.71486	8.715
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	308583	9.62205	9.622
	79 n-Propylbenzene	91	13.680	13.681	(0.929)	2275224	8.86391	8.864
	80 Bromobenzene	156	13.789	13.793	(0.937)	256594	9.83310	9.833
	81 1,1,2,2-Tetrachloroethane	83	13.759	13.763	(0.935)	135201	10.2016	10.20
	82 1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1413888	9.05711	9.057
	83 2-Chlorotoluene	91	13.909	13.909	(0.945)	1103929	9.01119	9.011
	84 1,2,3-Trichloropropane	110	13.931	13.939	(0.946)	37174	10.8520	10.85
	85 trans-1,4-dichloro-2-butene	53	13.935	13.931	(0.947)	35346	11.2992	11.30
	86 4-Chlorotoluene	91	14.047	14.047	(0.954)	1067926	9.33133	9.331
	87 Cyclohexanone	55	14.006	14.006	(0.951)	27587	73.9526	73.95
	88 t-Butylbenzene	119	14.159	14.160	(0.962)	1246895	8.93796	8.938
	89 Pentachloroethane	167	14.272	14.279	(0.969)	142764	11.0612	11.06
	90 1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1414947	9.34863	9.349
	91 sec-Butylbenzene	105	14.328	14.328	(0.973)	2035264	8.88899	8.889
	92 4-Isopropyltoluene	119	14.436	14.437	(0.981)	1591832	9.15831	9.158
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	574427	9.55863	9.559
*	94 1,4 Dichlorobenzene-d4	152	14.721	14.725	(1.000)	326363	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	566342	9.55673	9.557
	96 n-Butylbenzene	91	14.856	14.859	(1.009)	1676184	9.05722	9.057
	98 1,2-Dichlorobenzene	146	15.162	15.166	(1.030)	438754	9.86858	9.868
	99 1,2-Dibromo-3-chloropropane	157	15.967	15.978	(1.085)	15193	10.7474	10.75(M)
	100 Hexachlorobutadiene	225	16.558	16.555	(1.125)	170099	9.73007	9.730
	101 1,2,4-Trichlorobenzene	180	16.674	16.682	(1.133)	244351	12.1826	12.18(R)
	102 Naphthalene	128	17.071	17.079	(1.160)	288256	12.4530	12.45
	103 1,2,3-Trichlorobenzene	180	17.288	17.296	(1.174)	154047	13.7209	13.72(R)
	143 Nonanal	57	15.746	15.743	(1.629)	80023	7.59040	7.590(M)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7455A.D
Report Date: 26-Dec-2007 12:42

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INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

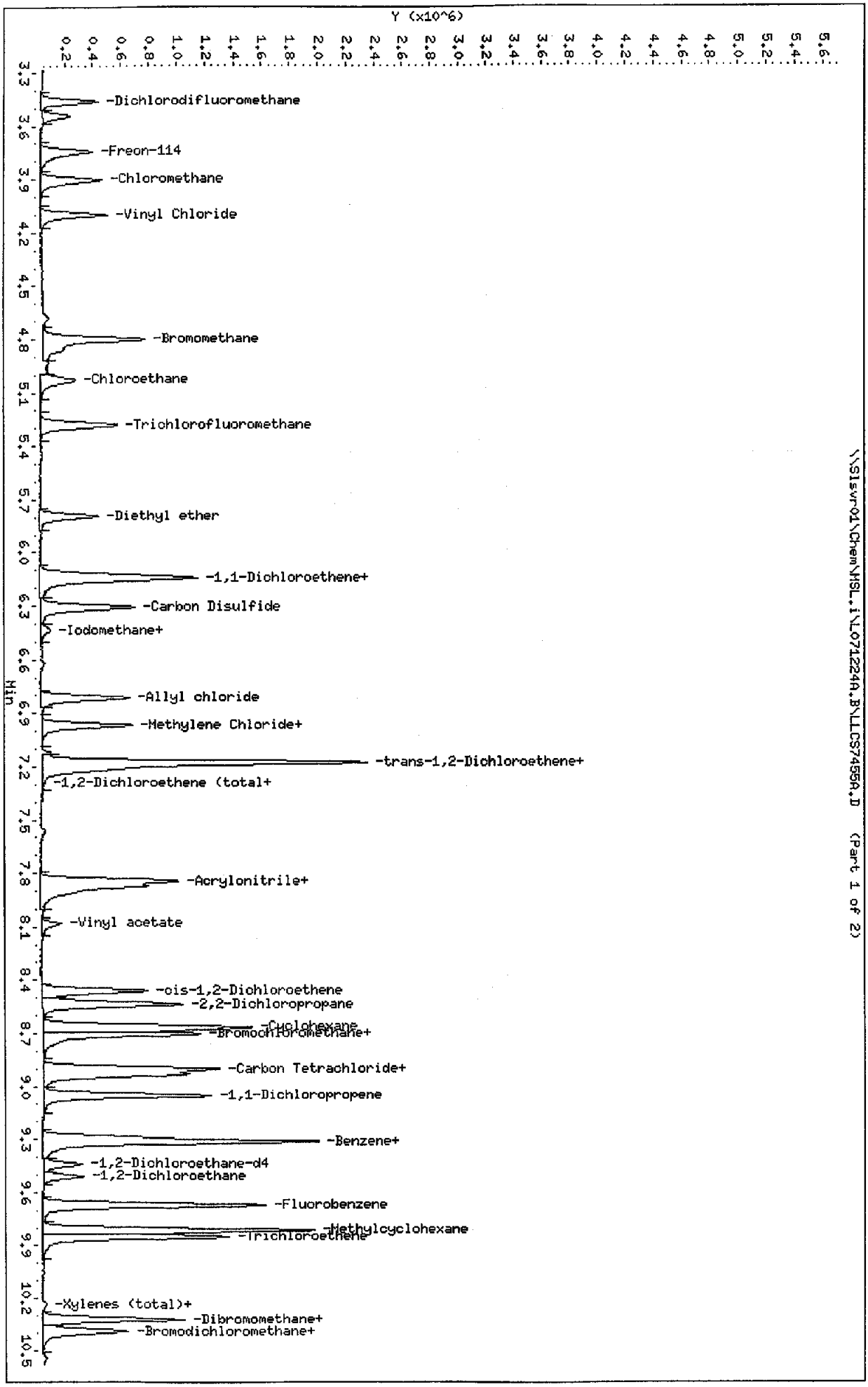
Instrument ID: MSL.i
Lab File ID: LLCS7455A.D
Lab Smp Id: KERR91AD
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L2600000-149L;7360149

Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: VLCSL358B
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	1372860	14.11
70 Chlorobenzene-d5	752404	376202	1504808	833616	10.79
94 1,4 Dichlorobenze	317211	158606	634422	326363	2.89

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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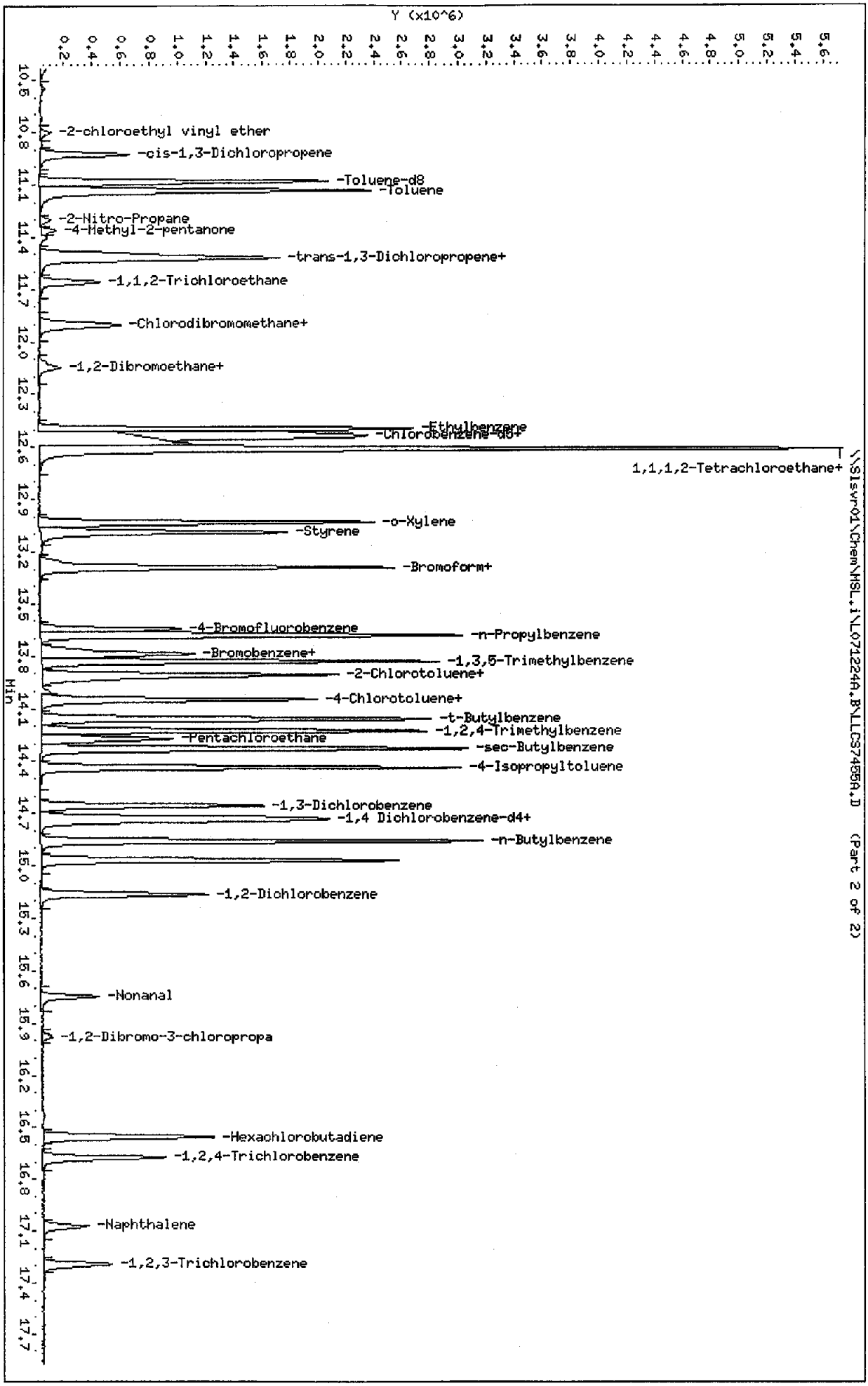
Date : 24-DEC-2007 12:34
Client ID: VLCSL358B
Sample Info: KERR91AD
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane+
-Allyl chloride
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene
-Xylenes (total)+
-Dibromomethane+
-Bromodichloromethane+
\\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7455A.D (Part 1 of 2)

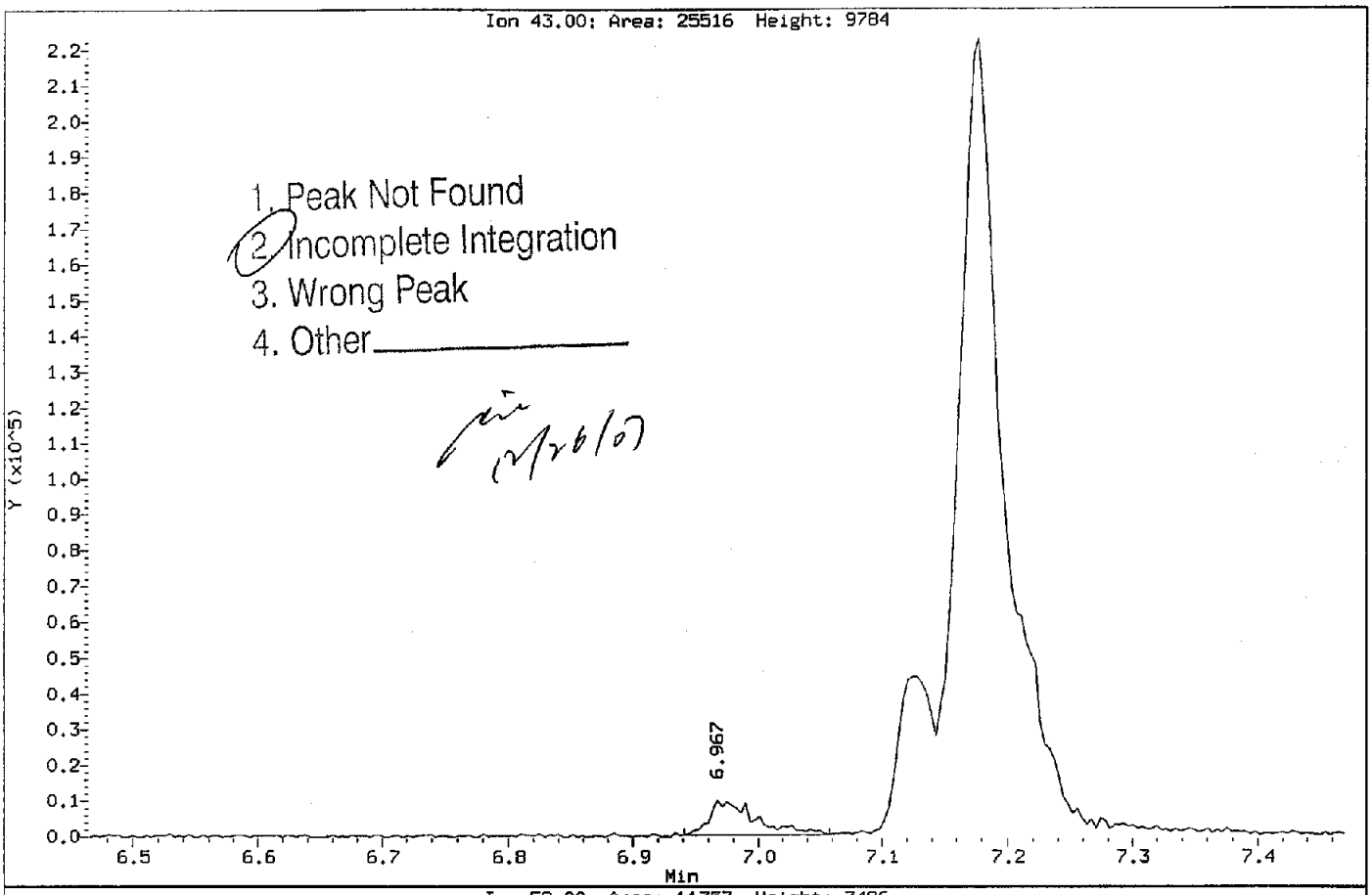


Data File: \\Slsvr01\Chem\MSL_i\L071224A_B\LLCS7455A.D
Date : 24-DEC-2007 12:34
Client ID: VLCSL358B
Sample Info: KERR91AD
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL_i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7455A.D
Injection Date: 24-DEC-2007 12:34
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: Acetone
CAS Number: 67-64-1



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other _____

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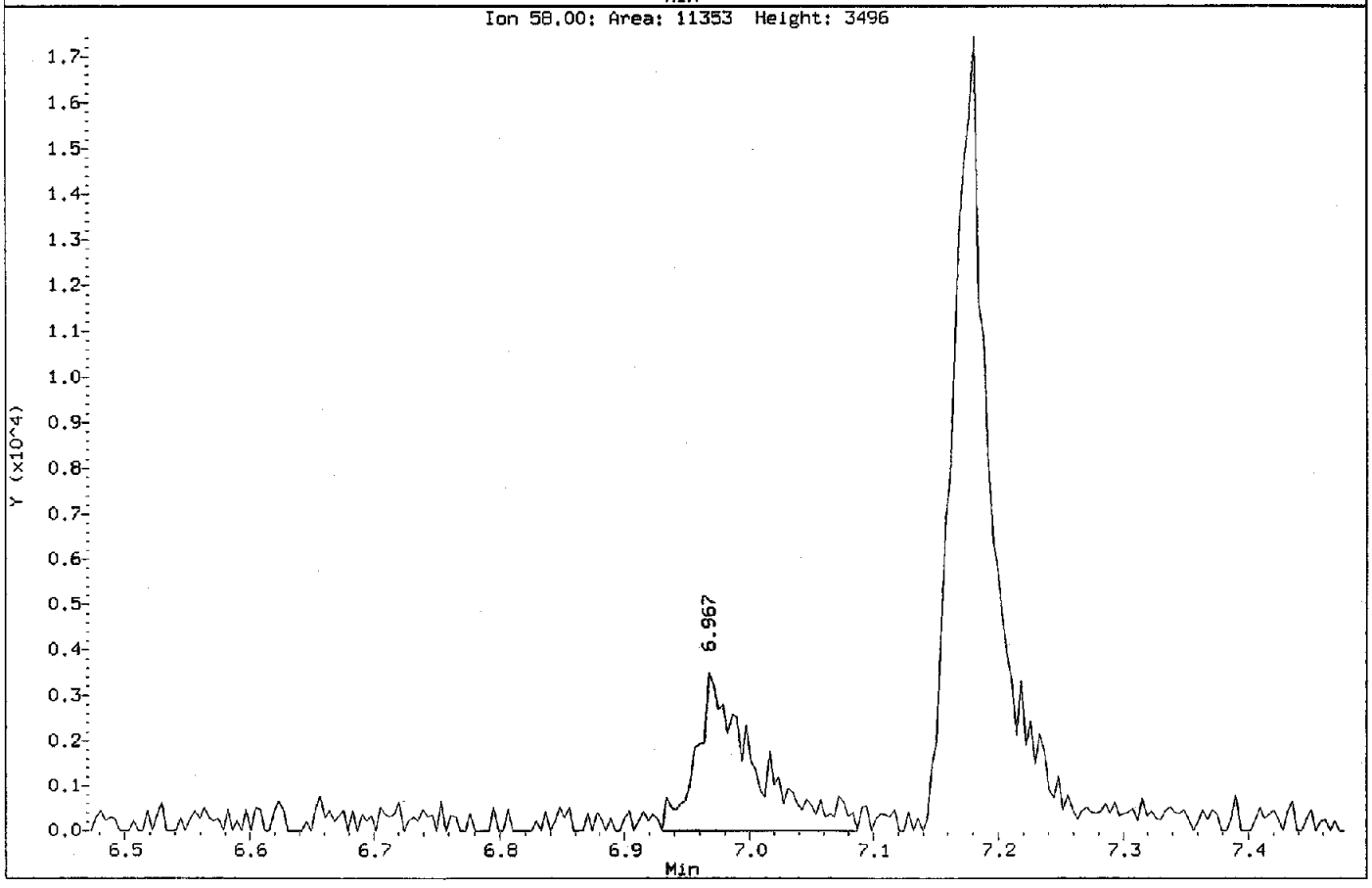
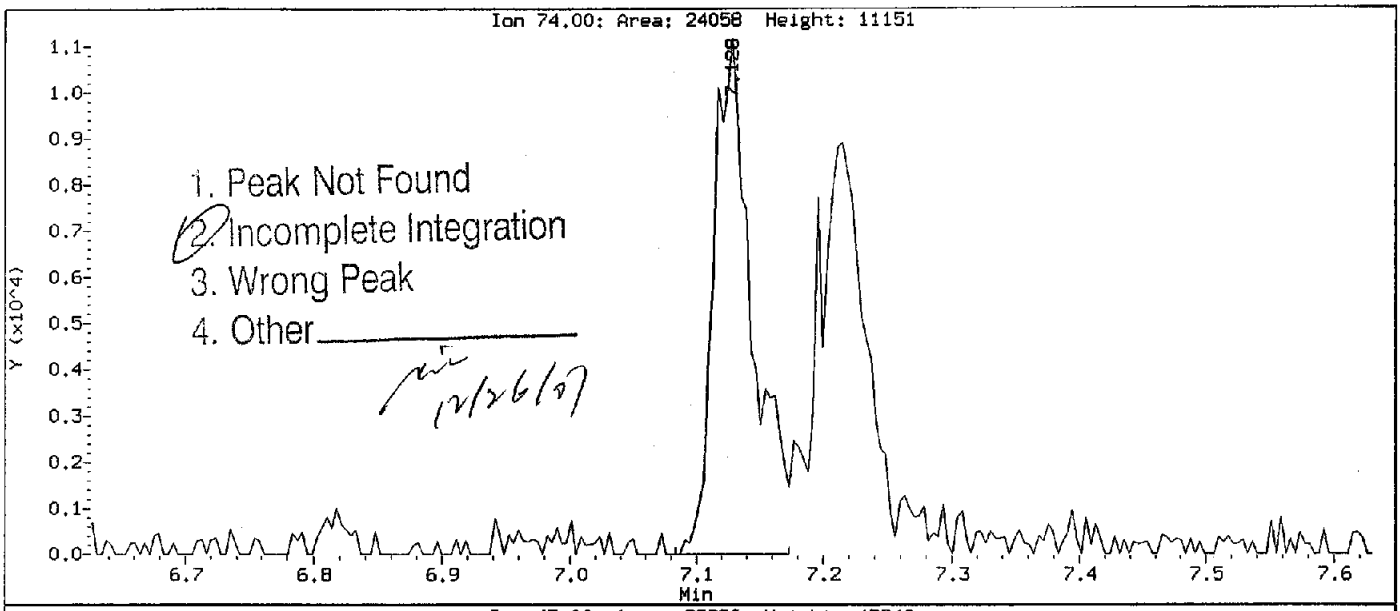
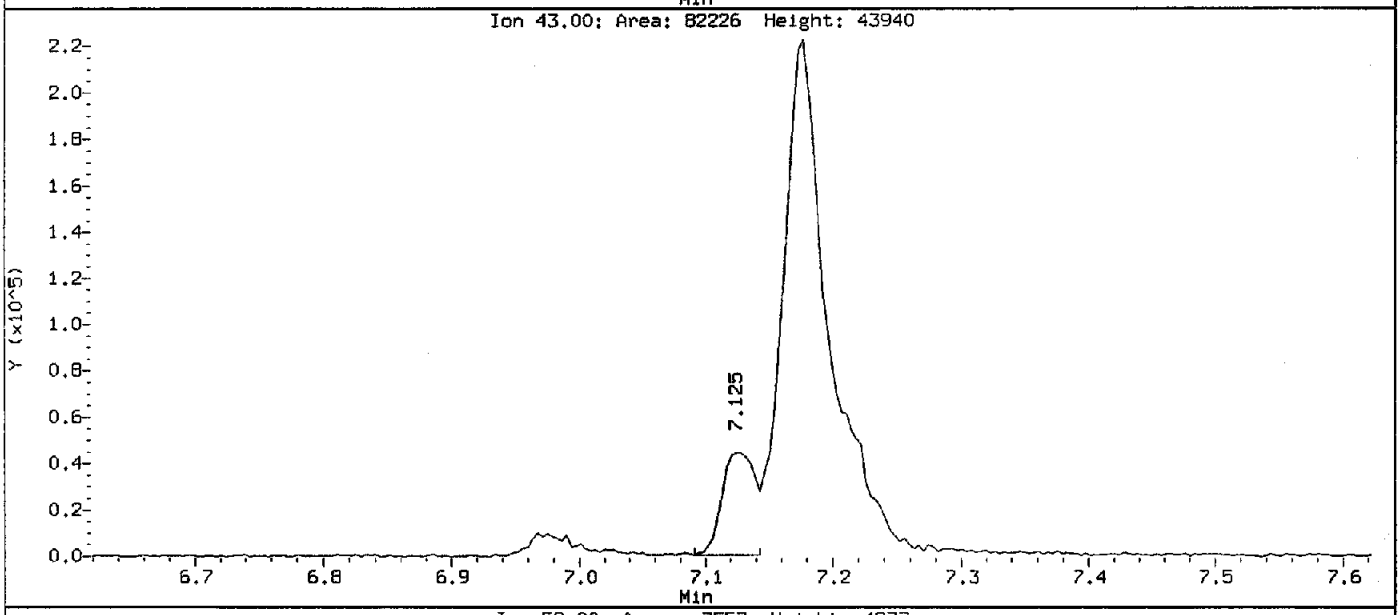
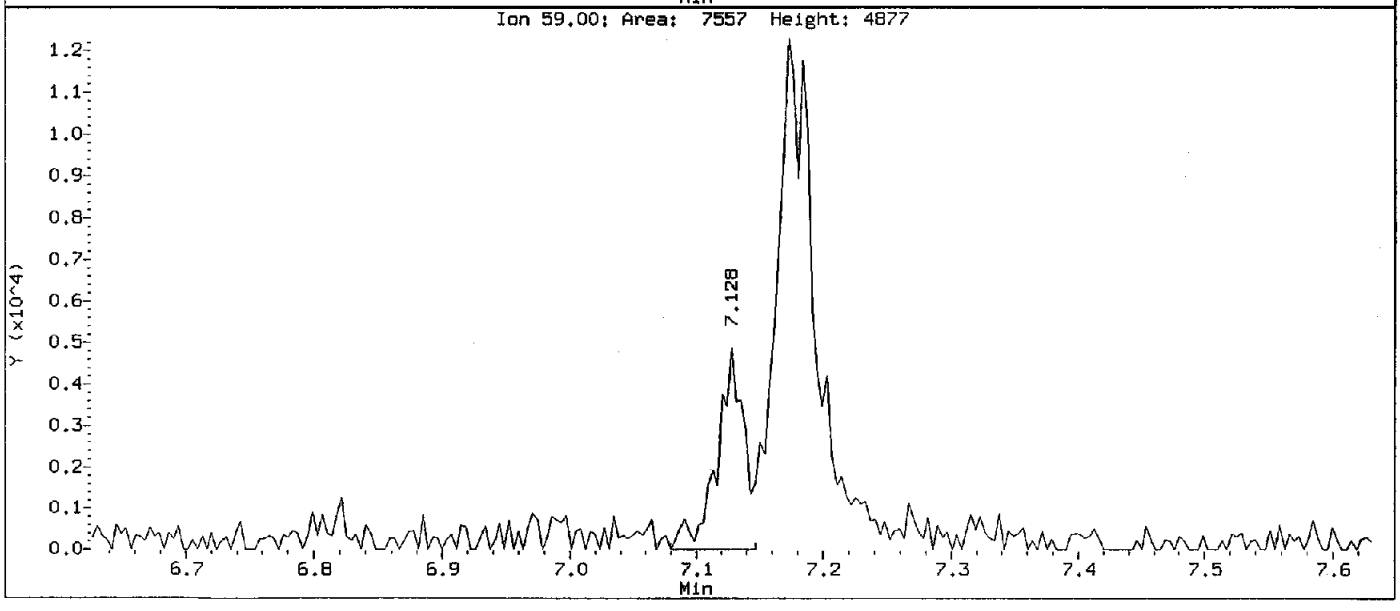


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7455A.D
Injection Date: 24-DEC-2007 12:34
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: Methyl Acetate
CAS Number:







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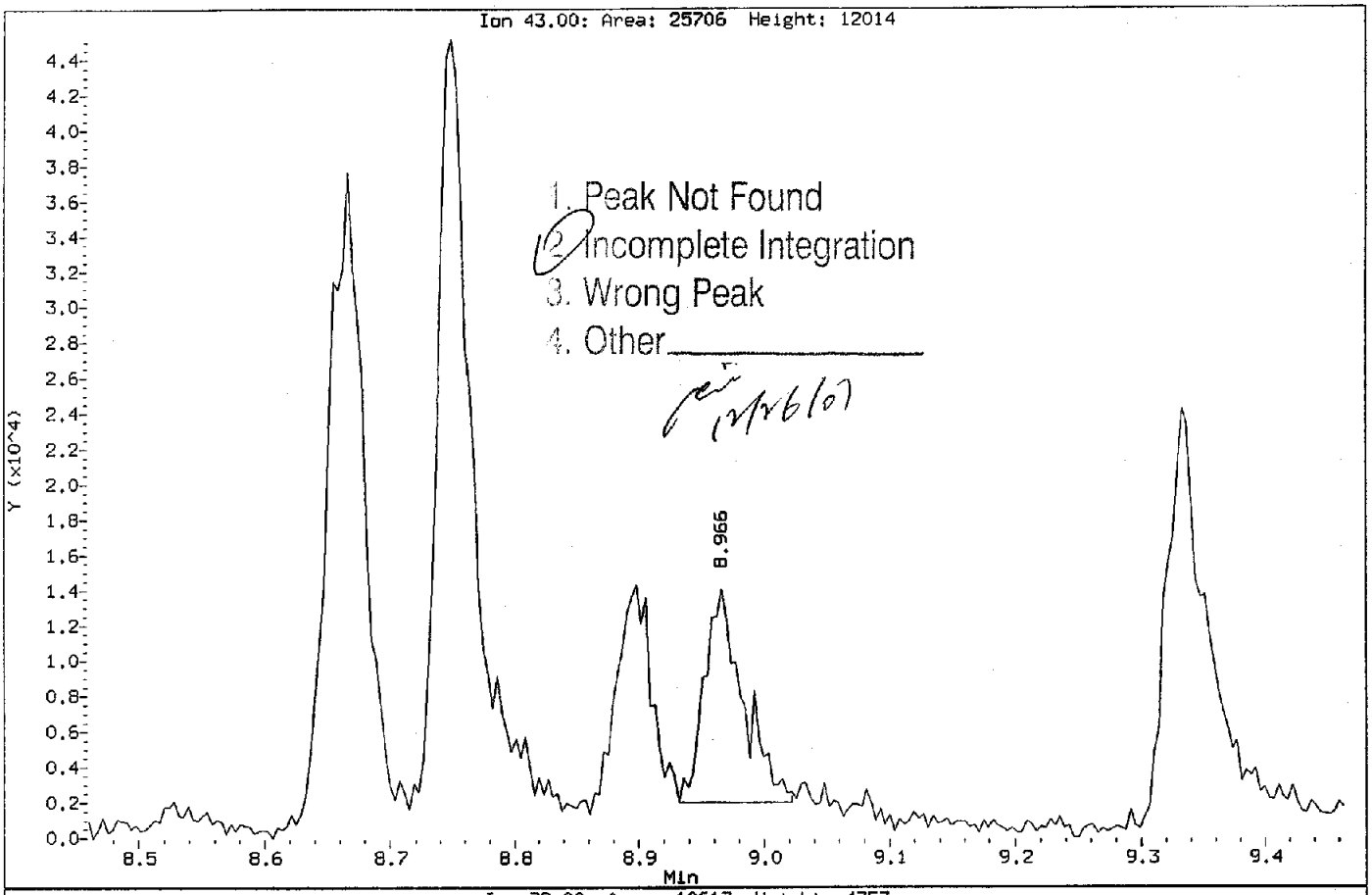
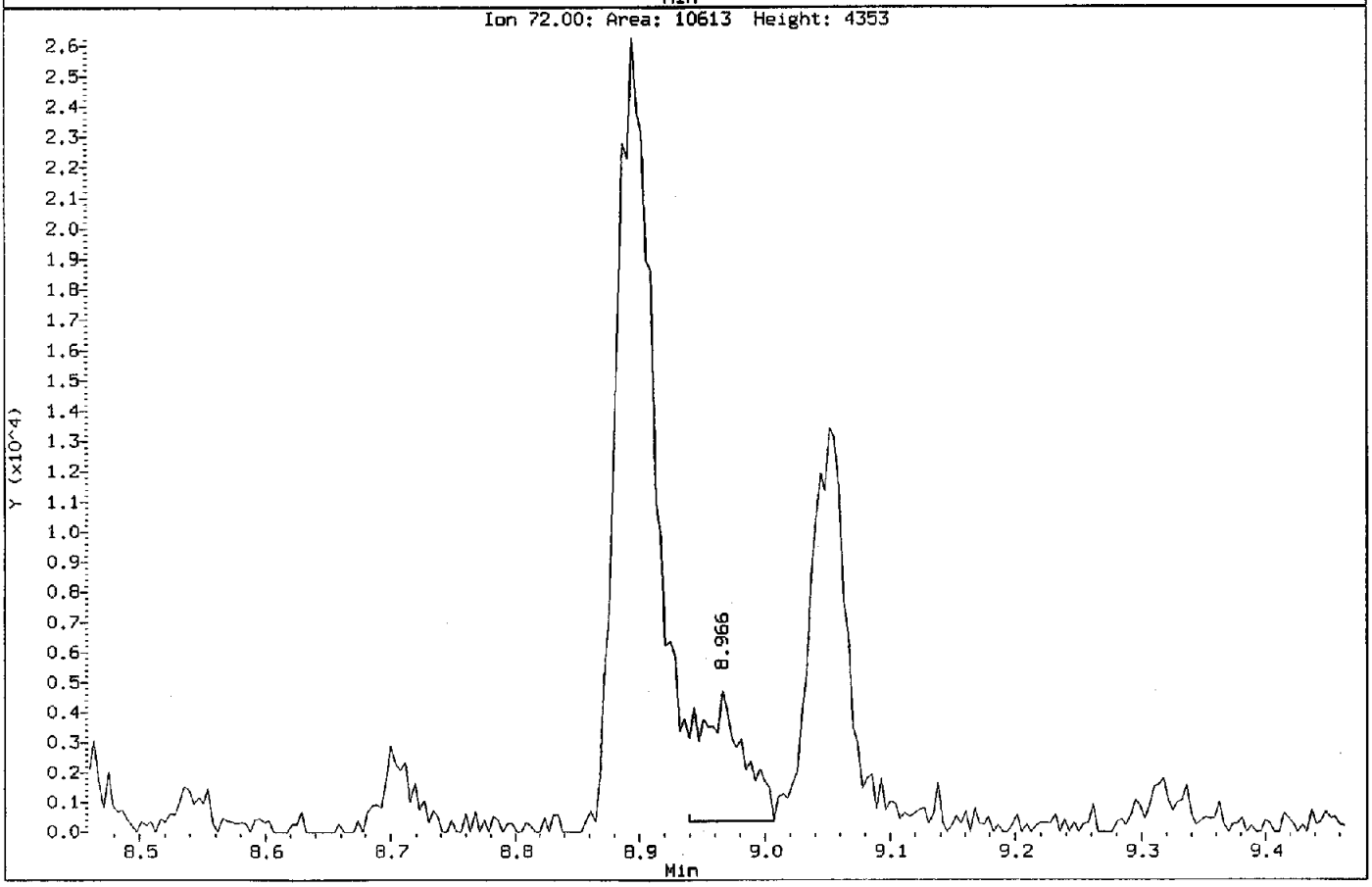
Injection Date: 24-DEC-2007 12:34
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: 2-Butanone
CAS Number: 78-93-3





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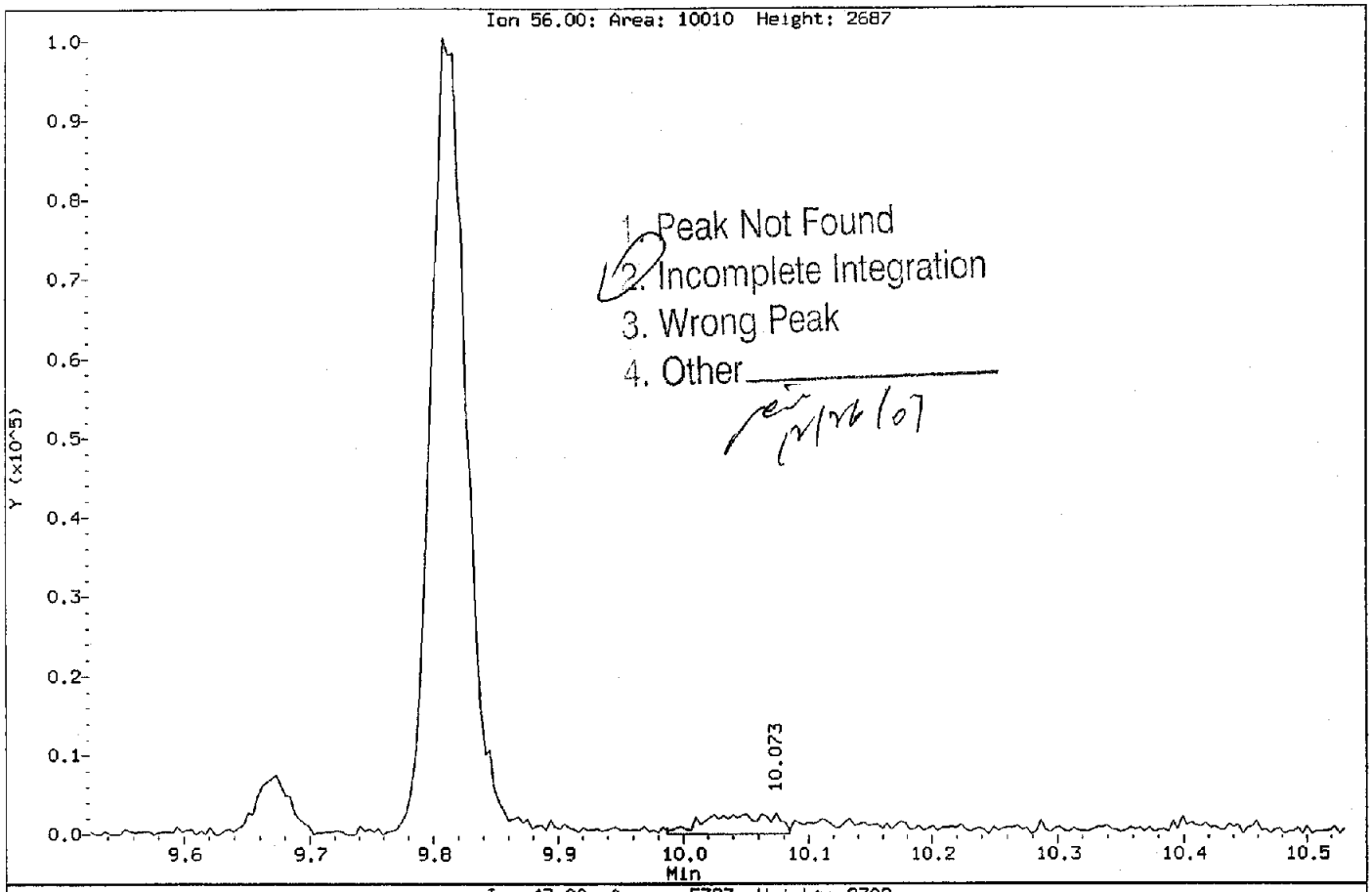
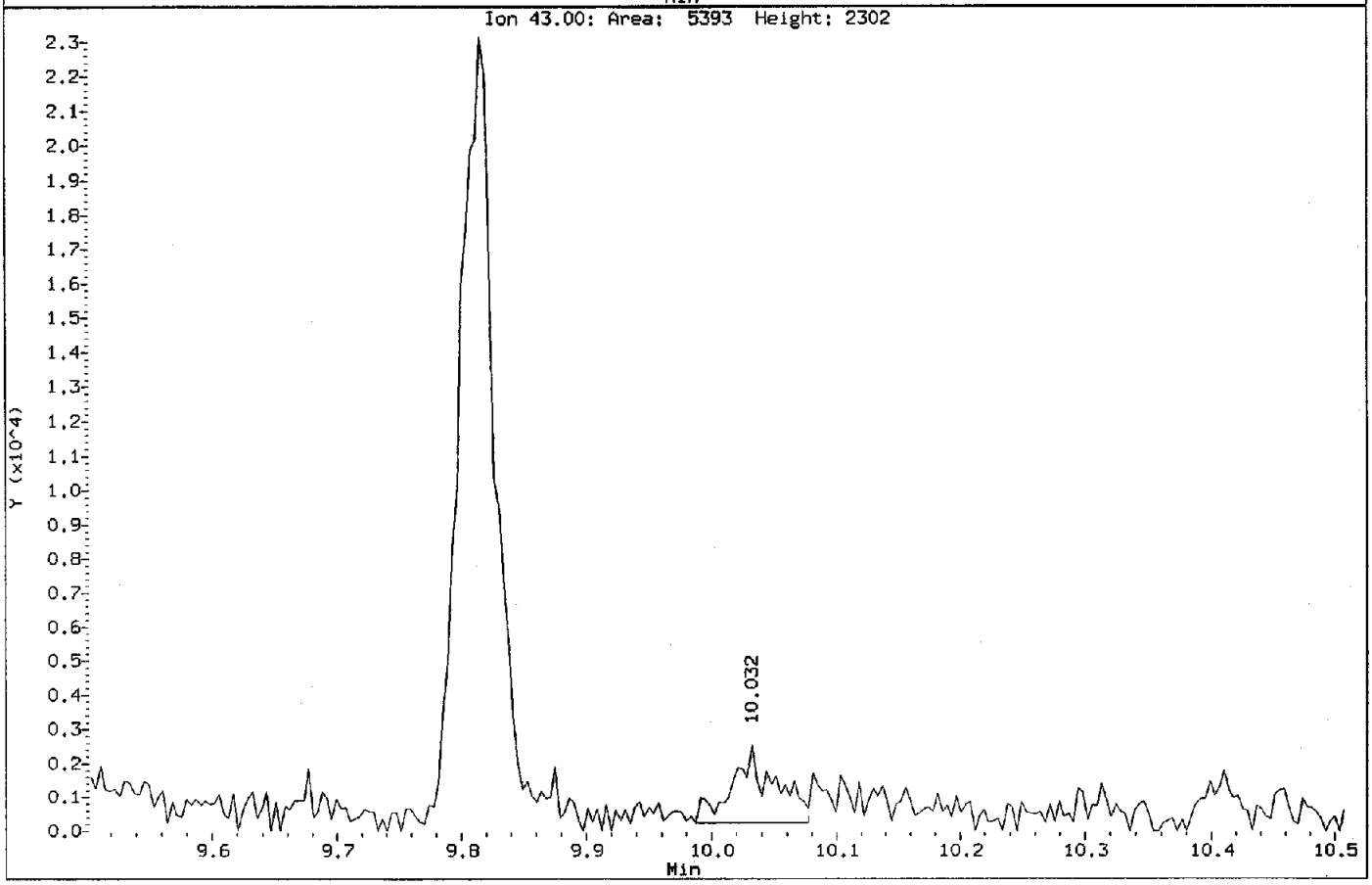
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: n-Butanol
CAS Number: 71-36-3





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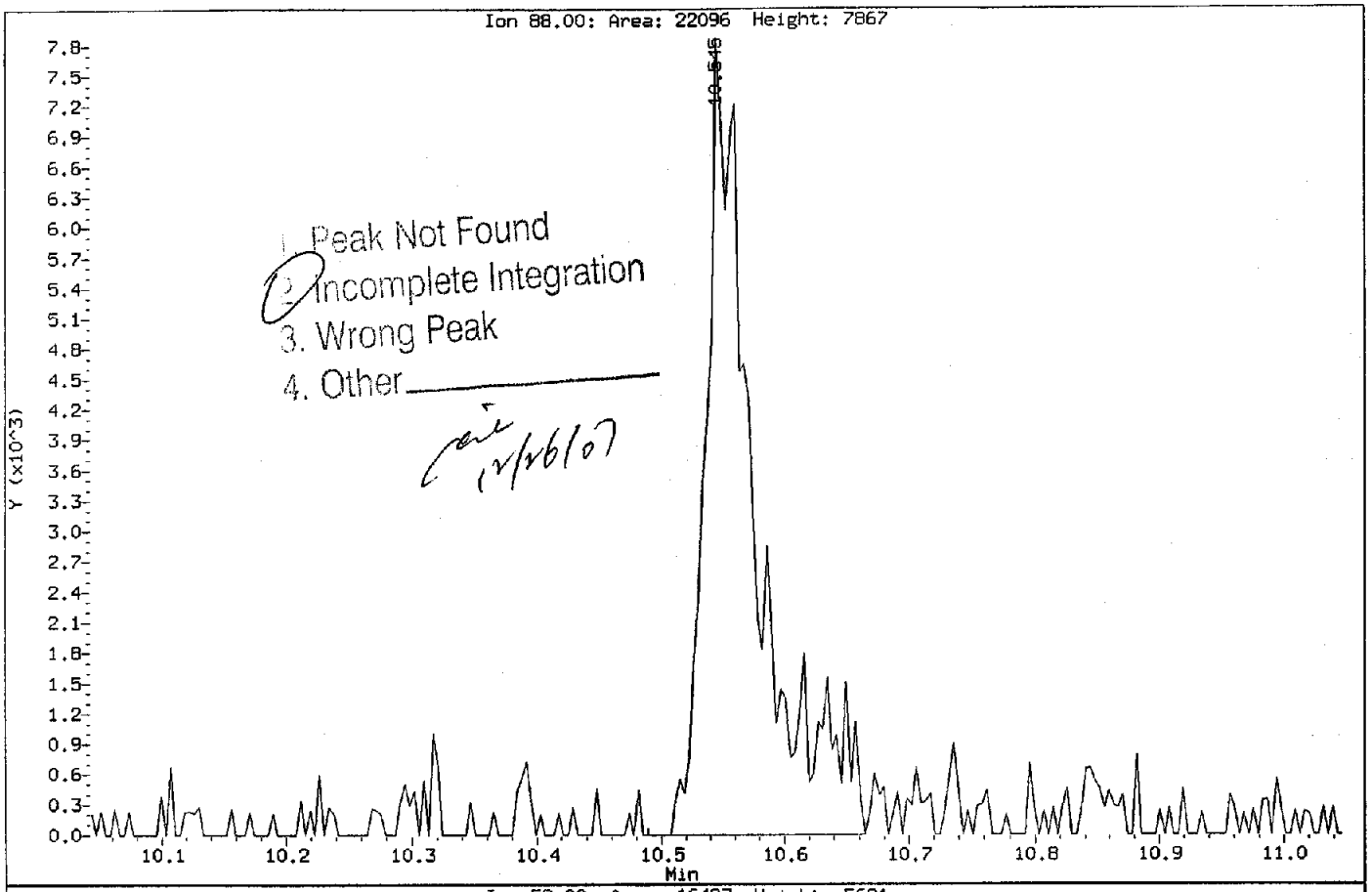
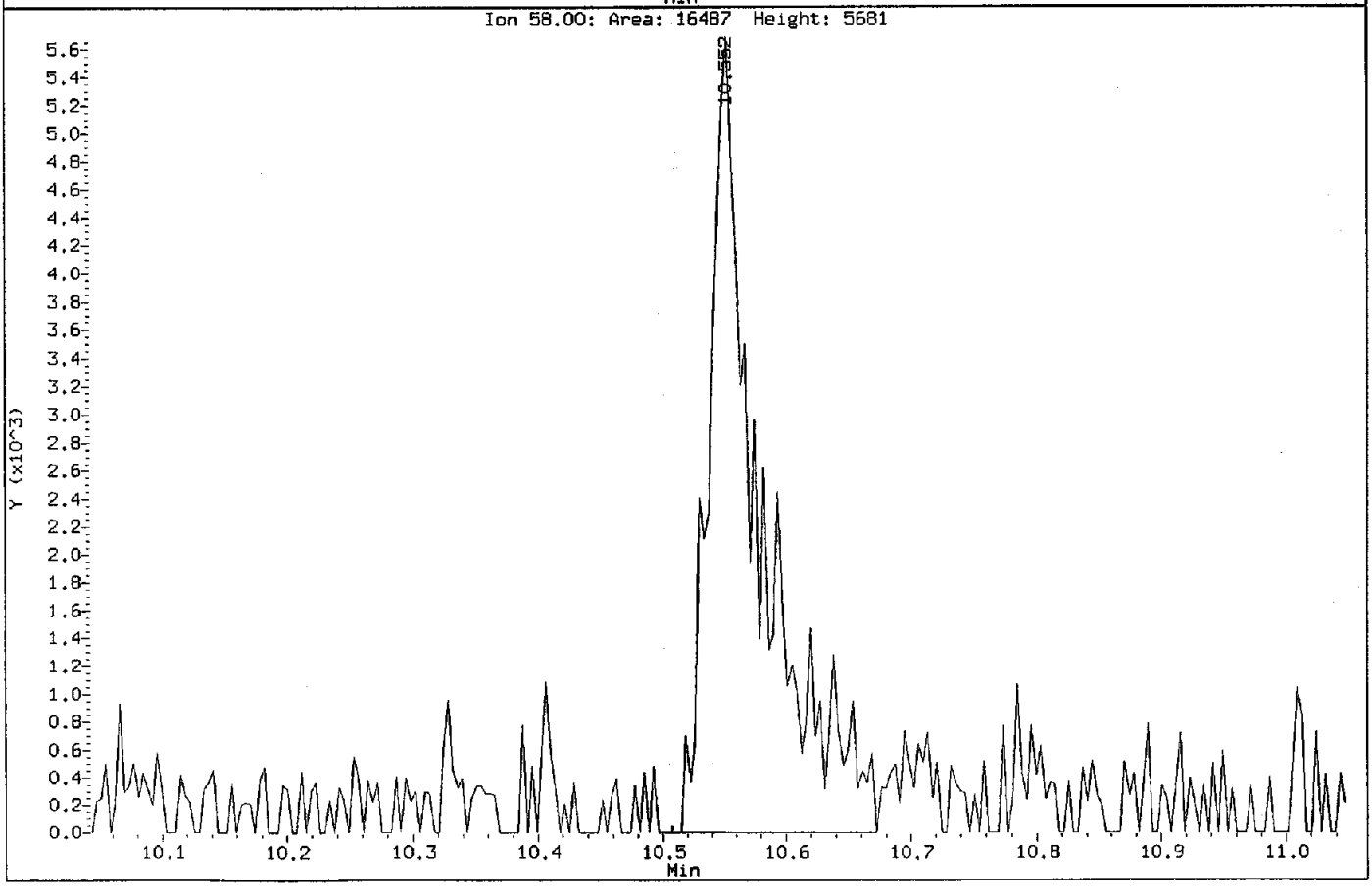
Injection Date: 24-DEC-2007 12:34
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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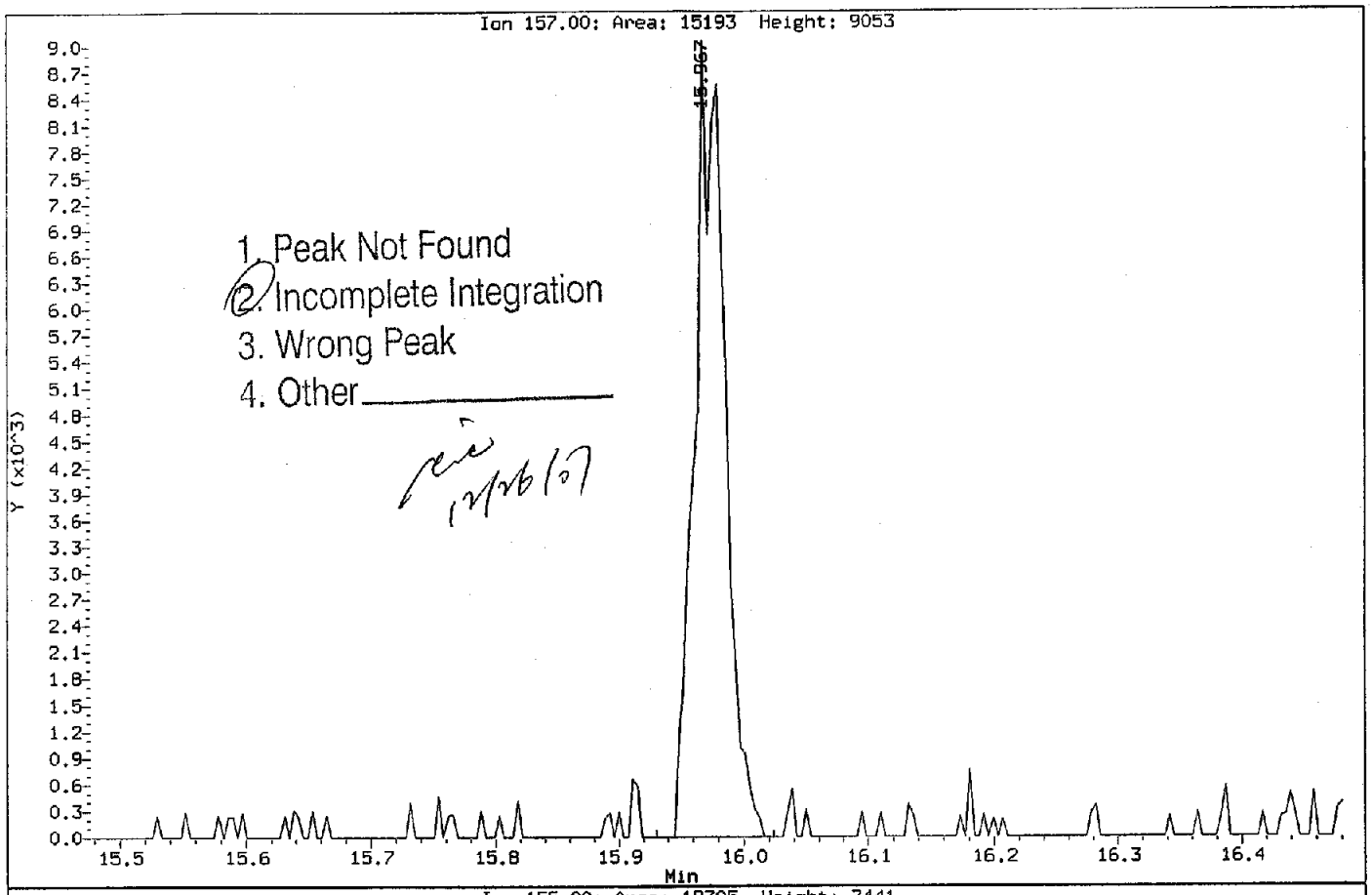
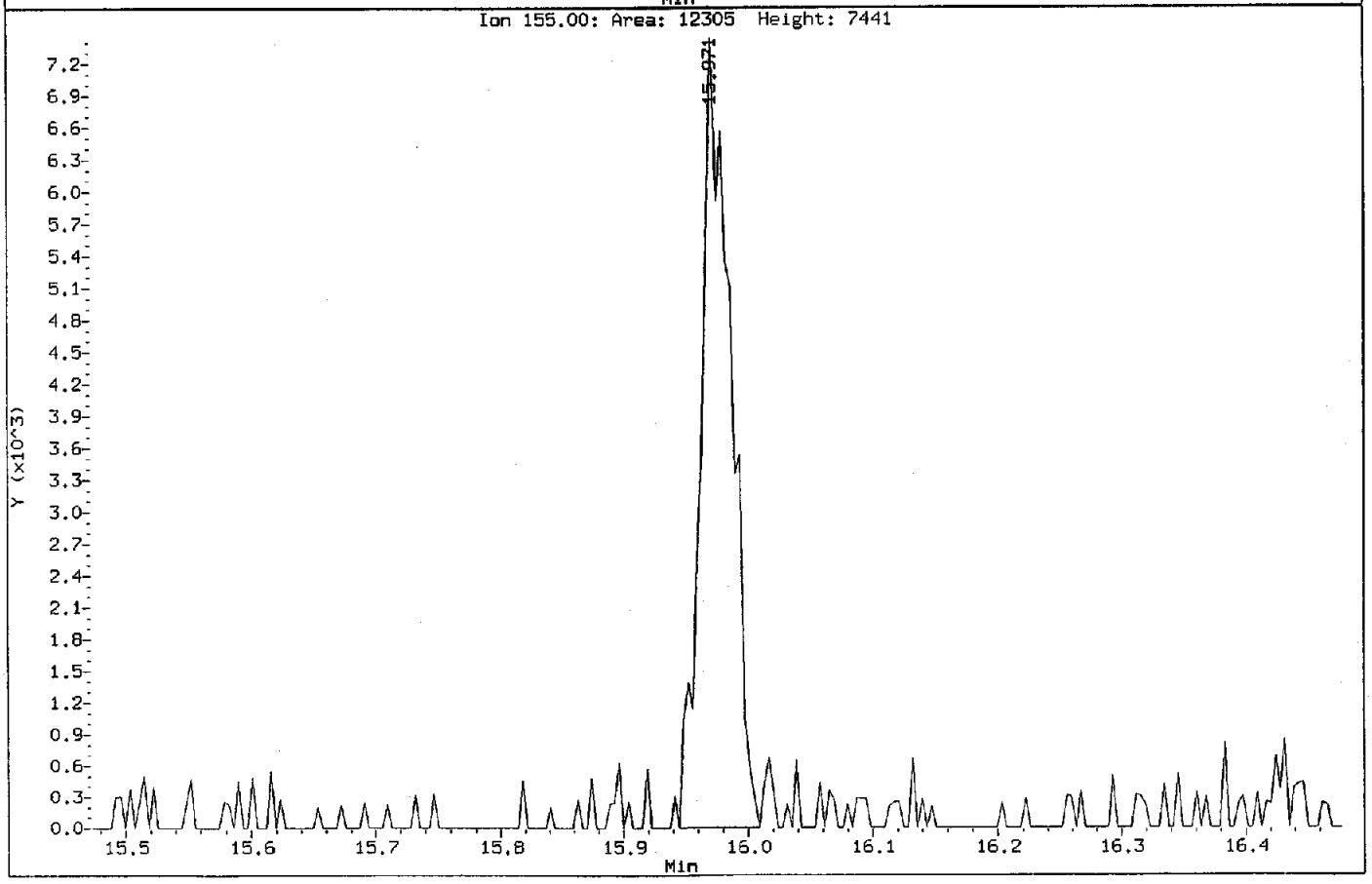
Injection Date: 24-DEC-2007 12:34
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: 1,2-Dibromo-3-chloropropane
CAS Number: 96-12-8





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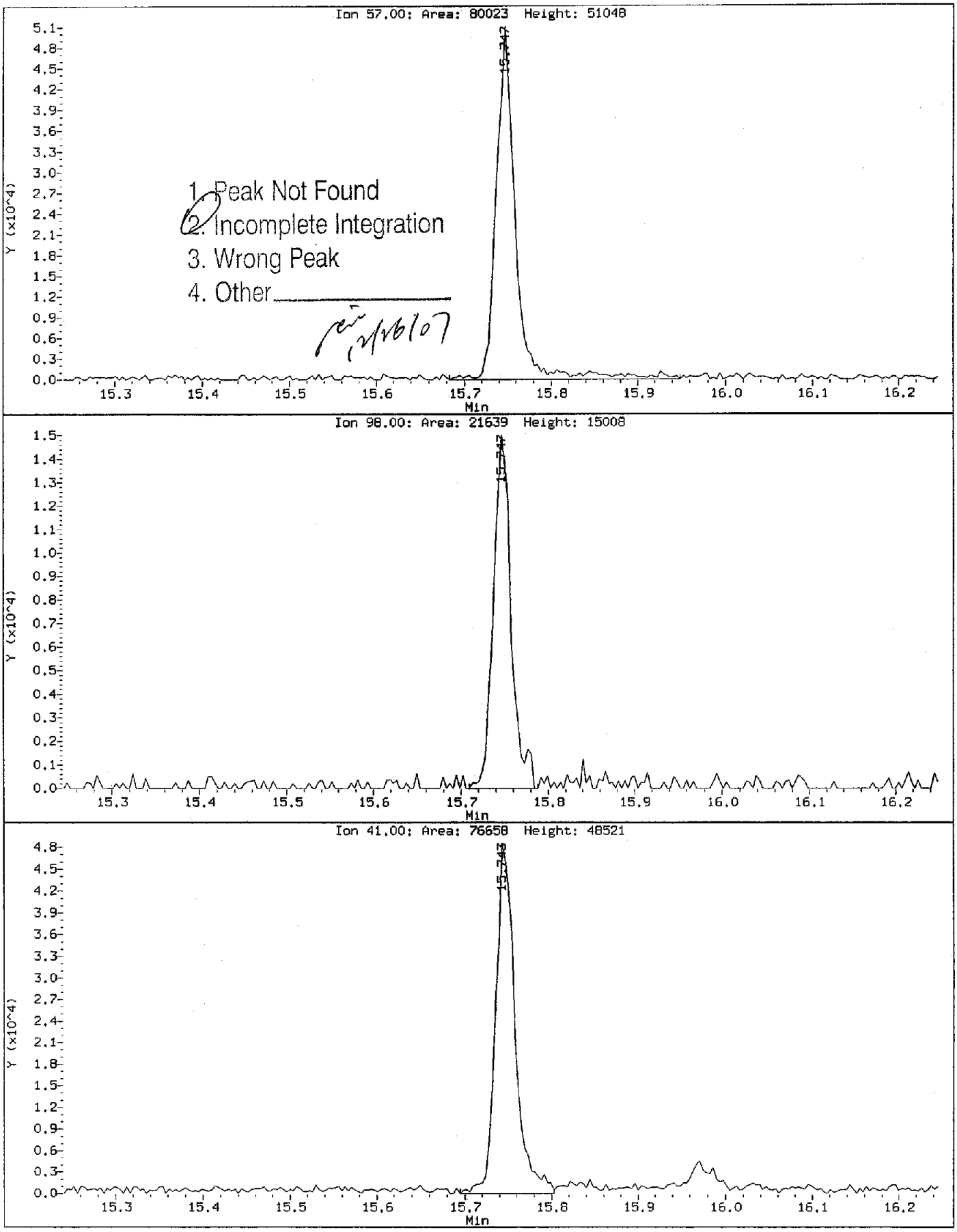
Injection Date: 24-DEC-2007 12:34
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: Nonanal
CAS Number: 124-19-6



Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D
Report Date: 28-Dec-2007 12:14

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D
Lab Smp Id: KEWA41AC Client Smp ID: VBLKL361A
Inj Date : 27-DEC-2007 12:20
Operator : XIA Inst ID: MSL.i
Smp Info : KEWA41AC
Misc Info : VBLKL361A;F7L280000-155C;7362155
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.464	3.460	(0.358)	427103	9.27583	9.276
2	Freon-114	135	3.741	3.741	(0.387)	156066	14.4053	14.40(R)
3	Chloromethane	50	3.902	3.898	(0.404)	714954	8.53998	8.540
4	Vinyl Chloride	62	4.093	4.097	(0.423)	670667	9.46272	9.463
5	Bromomethane	94	4.796	4.796	(0.496)	529140	11.8765	11.88
6	Chloroethane	64	5.028	5.025	(0.520)	486545	11.3609	11.36
7	Trichlorofluoromethane	101	5.275	5.279	(0.546)	576718	9.21183	9.212
8	Diethyl ether	59	5.788	5.792	(0.599)	286052	23.6315	23.63
9	1,1-Dichloroethene	96	6.147	6.147	(0.636)	327082	9.53180	9.532
10	1,1,2-Trichlorofluoroethane	101	6.125	6.129	(0.633)	374759	10.8080	10.81
11	Carbon Disulfide	76	6.308	6.304	(0.652)	1213555	10.7623	10.76
12	Iodomethane	142	6.432	6.435	(0.665)	99032	8.26560	8.266(M)
13	Acrolein	56	6.619	6.626	(0.685)	27474	45.3789	45.38
14	Allyl chloride	39	6.813	6.813	(0.705)	378213	9.75330	9.753
15	Methylene Chloride	84	6.963	6.967	(0.720)	370433	11.5739	11.57
16	Acetone	43	6.971	6.974	(0.721)	27848	9.24212	9.242
17	trans-1,2-Dichloroethene	96	7.176	7.180	(0.742)	402949	9.76579	9.766
18	n-Hexane	57	7.176	7.176	(0.742)	844571	11.5949	11.59
19	Methyl Acetate	74	7.128	7.128	(0.737)	22617	7.35506	7.355(R)
20	MTBE	73	7.214	7.218	(0.746)	437593	11.7296	11.73
M 21	1,2-Dichloroethene (total)	96				771671	20.1520	20.15
22	Acetonitrile	41	7.558	7.566	(0.782)	48577	55.5017	55.50

12/28/07

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D
Report Date: 28-Dec-2007 12:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.910	7.906	(0.818)	185987	58.6194	58.62
	24 1,1-Dichloroethane	63	7.876	7.872	(0.815)	732284	10.0743	10.07
	25 2-Chloro-1,3-butadiene	53	7.839	7.839	(0.811)	569173	9.72284	9.723
	26 Vinyl acetate	43	8.078	8.082	(0.836)	233631	12.6985	12.70(R)
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	368722	10.3862	10.39
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	611440	10.0887	10.09
	29 Bromochloromethane	128	8.699	8.703	(0.900)	94475	11.4648	11.46
	30 Cyclohexane	84	8.666	8.666	(0.896)	666620	10.4534	10.45
	31 Chloroform	83	8.703	8.707	(0.900)	613273	10.3024	10.30
	32 Ethyl acetate	43	8.748	8.756	(0.905)	91047	52.7080	52.71(RM)
	33 Carbon Tetrachloride	117	8.894	8.898	(0.920)	511246	10.5100	10.51
	34 Isobutanol	42	8.894	8.894	(0.920)	122712	221.397	221.4
	35 Tetrahydrofuran	71	8.894	8.894	(0.920)	49093	59.3269	59.33
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	234670	11.0064	11.01
	37 1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	581200	9.93145	9.931
	38 2-Butanone	43	8.969	8.969	(0.928)	26470	9.20951	9.210
	39 1,1-Dichloropropene	75	9.051	9.051	(0.936)	573364	10.1082	10.11
	40 Benzene	78	9.309	9.313	(0.963)	1659559	9.97409	9.974
	41 Propionitrile	54	9.272	9.272	(0.959)	64172	63.3275	63.33(RM)
	42 Methacrylonitrile	41	9.283	9.287	(0.960)	352374	76.0985	76.10(R)
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.977)	173886	10.3708	10.37
	44 1,2-Dichloroethane	62	9.508	9.508	(0.983)	234403	10.4920	10.49
*	45 Fluorobenzene	96	9.669	9.672	(1.000)	1438158	10.0000	
	46 n-Butanol	56	10.024	10.032	(1.037)	16501	141.345	141.3(R)
	47 Methylcyclohexane	55	9.811	9.811	(1.015)	603929	10.0021	10.00
	48 Trichloroethene	130	9.852	9.848	(1.019)	405905	10.0723	10.07
	49 Dibromomethane	93	10.309	10.312	(1.066)	79447	11.0375	11.04
	50 1,2-Dichloropropane	63	10.324	10.324	(1.068)	338044	10.7206	10.72
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	339607	11.2233	11.22
M	52 Xylenes (total)	106				2223946	28.8958	28.90
	53 Methyl methacrylate	69	10.406	10.402	(1.076)	72468	12.2253	12.22
	54 1,4-Dioxane	88	10.559	10.552	(1.092)	27649	180.251	180.2(M)
	55 2-chloroethyl vinyl ether	63	10.799	10.799	(1.117)	27179	6.96851	6.968
	56 cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	363431	11.6315	11.63
$	57 Toluene-d8	98	11.083	11.083	(0.885)	1288554	9.85179	9.852
	58 Toluene	91	11.136	11.136	(0.889)	1746212	9.52444	9.524
	59 2-Nitro-Propane	43	11.304	11.300	(0.902)	53165	10.7438	10.74
	60 4-Methyl-2-pentanone	43	11.360	11.364	(0.907)	90932	11.6872	11.69
	61 trans-1,3-Dichloropropene	75	11.491	11.495	(0.917)	255030	11.6848	11.68
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	298171	9.76335	9.763
	63 Ethyl methacrylate	69	11.506	11.506	(0.918)	162275	10.3722	10.37
	64 1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	141738	10.4716	10.47
	65 Chlorodibromomethane	129	11.888	11.892	(0.949)	154876	11.9037	11.90
	66 1,3-Dichloropropane	76	11.910	11.910	(0.951)	265556	10.6544	10.65
	67 1,2-Dibromoethane	107	12.146	12.150	(0.970)	104814	10.8918	10.89
	68 2-Hexanone	43	12.116	12.112	(0.967)	48160	10.4769	10.48
	69 Ethylbenzene	106	12.498	12.498	(0.998)	623961	9.47819	9.478
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	874777	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	938332	10.0013	10.00
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	260591	10.3722	10.37
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1568210	18.8742	18.87
	74 o-Xylene	106	13.033	13.033	(1.040)	655736	10.0216	10.02
	75 Styrene	104	13.089	13.089	(1.045)	916501	9.58566	9.586
	76 Bromoform	173	13.258	13.254	(0.901)	63397	11.2777	11.28

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D
Report Date: 28-Dec-2007 12:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1692793	8.57725	8.577
$ 78	4-Bromofluorobenzene	95	13.643	13.647	(0.927)	327914	9.54891	9.549
79	n-Propylbenzene	91	13.680	13.680	(0.929)	2410775	8.77114	8.771
80	Bromobenzene	156	13.789	13.789	(0.937)	275425	9.85703	9.857
81	1,1,2,2-Tetrachloroethane	83	13.759	13.763	(0.935)	146165	10.2998	10.30
82	1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1493798	8.93645	8.936
83	2-Chlorotoluene	91	13.909	13.905	(0.945)	1201857	9.16205	9.162
84	1,2,3-Trichloropropane	110	13.931	13.927	(0.946)	39473	10.7614	10.76
85	trans-1,4-dichloro-2-butene	53	13.931	13.935	(0.946)	36241	10.8305	10.83
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	1144343	9.33807	9.338
87	Cyclohexanone	55	14.006	14.010	(0.951)	34856	100.585	100.6
88	t-Butylbenzene	119	14.159	14.156	(0.962)	1327036	8.88361	8.884
89	Pentachloroethane	167	14.275	14.275	(0.970)	154648	11.1850	11.18
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1499389	9.25168	9.252
91	sec-Butylbenzene	105	14.328	14.328	(0.973)	2153054	8.78183	8.782
92	4-Isopropyltoluene	119	14.436	14.436	(0.981)	1671219	8.97945	8.979
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	622934	9.68058	9.680
* 94	1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	349464	10.0000	
95	1,4-Dichlorobenzene	146	14.739	14.743	(1.001)	594766	9.37293	9.373
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1793649	9.05126	9.051
98	1,2-Dichlorobenzene	146	15.162	15.162	(1.030)	463235	9.73046	9.730
99	1,2-Dibromo-3-chloropropane	157	15.978	15.974	(1.085)	16722	11.0470	11.05
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	185092	9.88781	9.888
101	1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	271871	12.6587	12.66(R)
102	Naphthalene	128	17.075	17.071	(1.160)	337904	13.6329	13.63
103	1,2,3-Trichlorobenzene	180	17.295	17.292	(1.175)	172415	14.3418	14.34(R)
143	Nonanal	57	15.746	15.746	(1.629)	74490	6.92513	6.925

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D
Report Date: 28-Dec-2007 12:14

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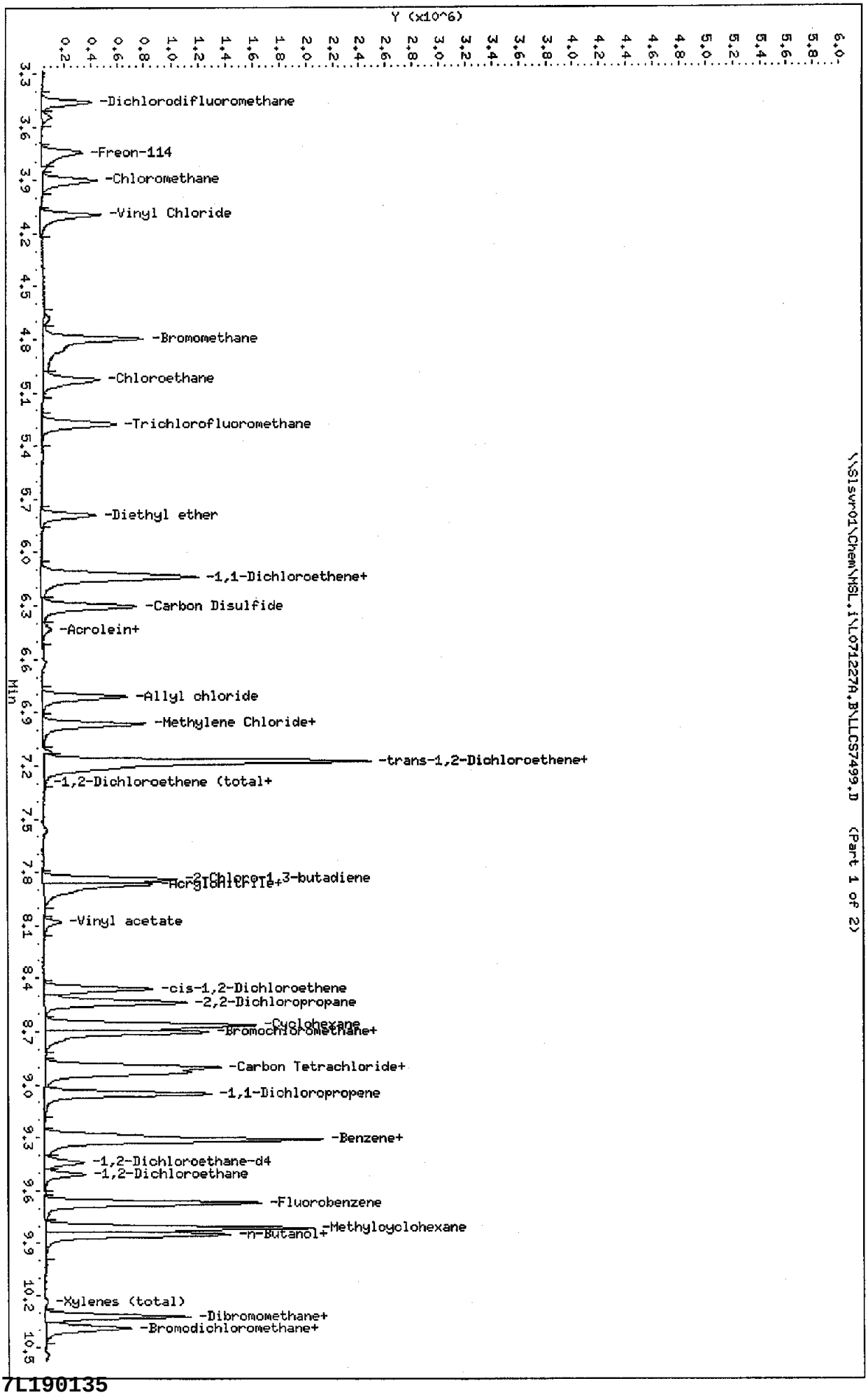
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LLCS7499.D
Lab Smp Id: KEWA41AC
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 27-DEC-2007
Calibration Time: 11:33
Client Smp ID: VBLKL361A
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;F7L280000-155C;7362155

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1414972	707486	2829944	1438158	1.64
70 Chlorobenzene-d5	860970	430485	1721940	874777	1.60
94 1,4 Dichlorobenze	346015	173008	692030	349464	1.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.72	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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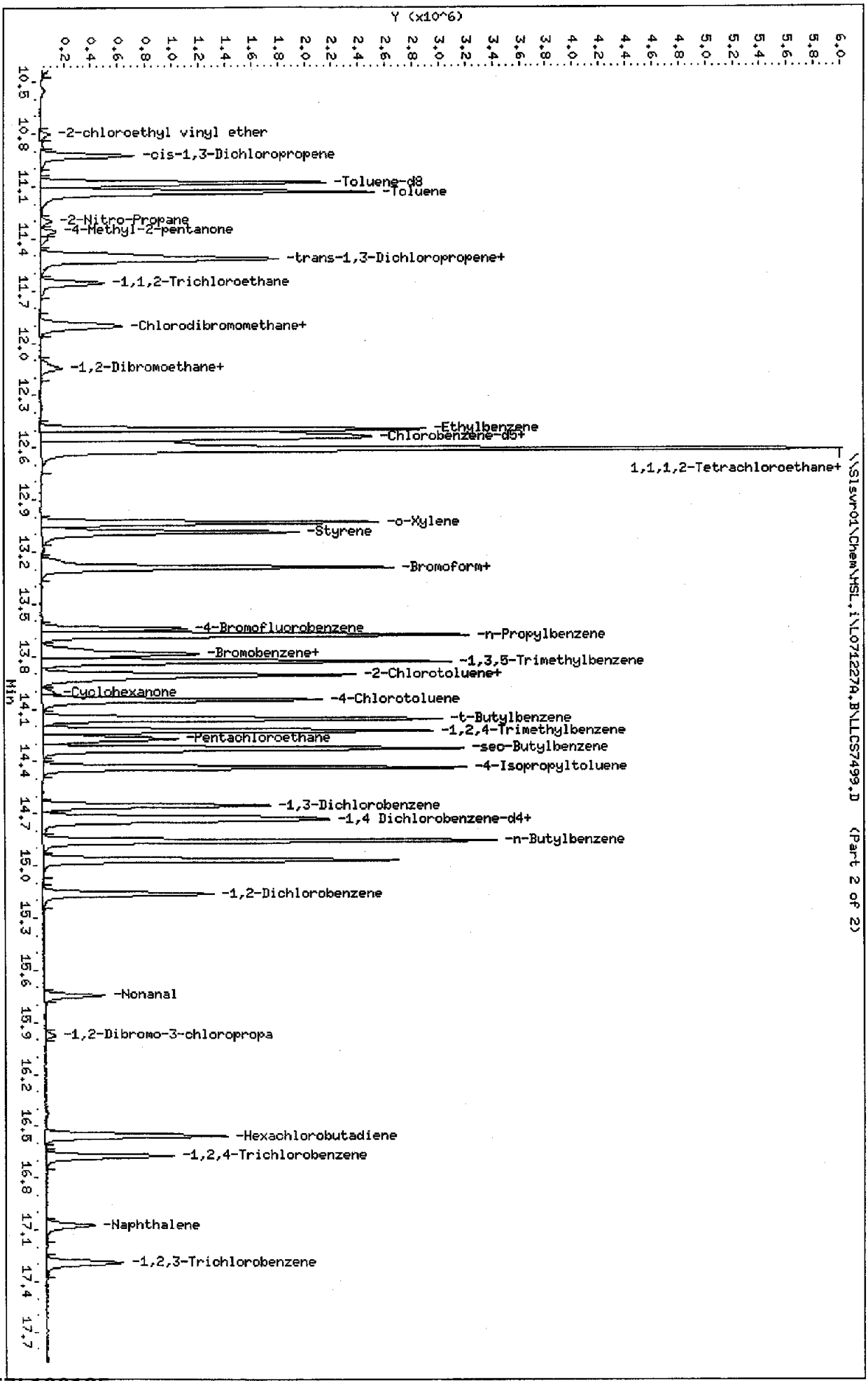
Date : 27-DEC-2007 12:20
Client ID: VBLKL361A
Sample Info: KEWA41AC
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Acrolein+
-Allyl chloride
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-2-Chloro-1,3-butadiene
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-n-Butanol+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+



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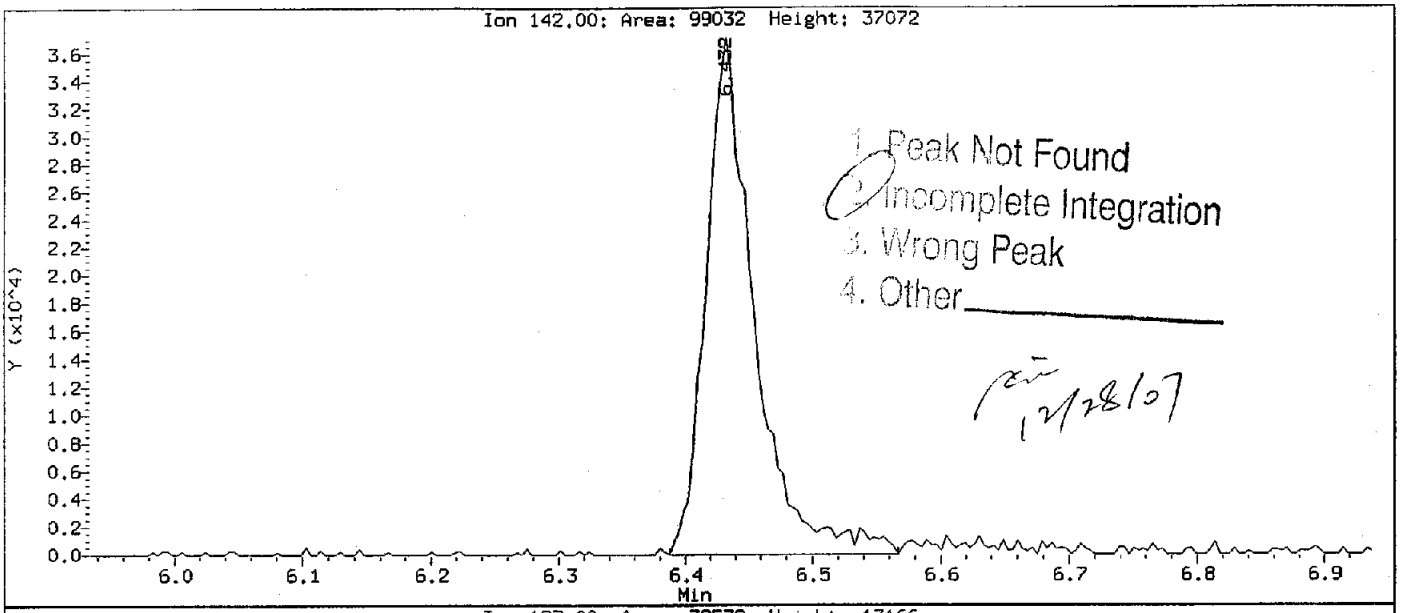
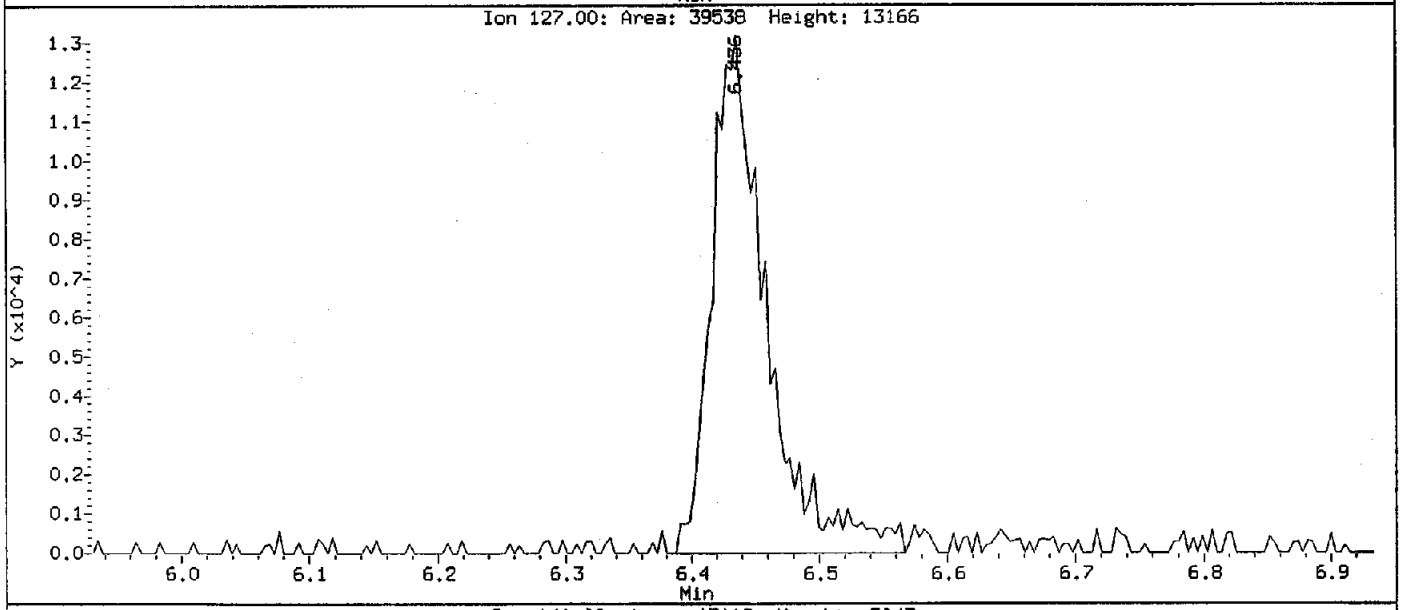
Date : 27-DEC-2007 12:20
Client ID: VBLKL361A
Sample Info: KEWA41AC
Purge Volume: 25.0
Column phase: RTX-502.2

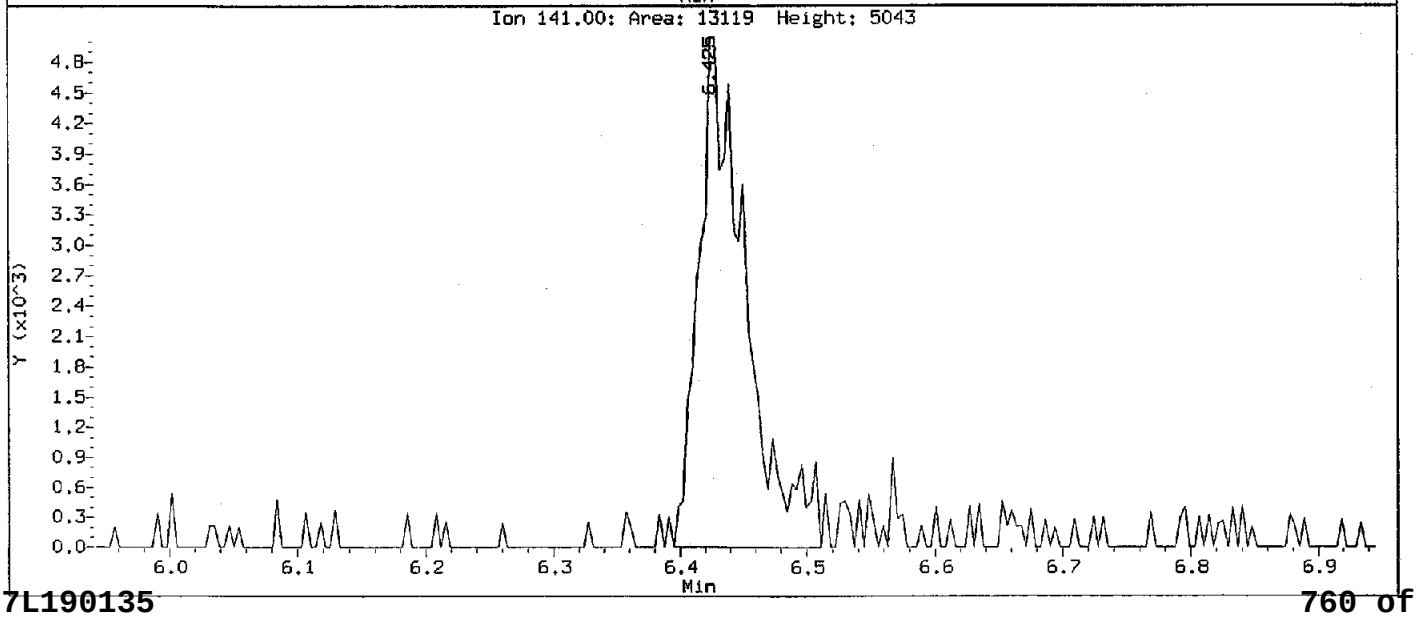
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D
Injection Date: 27-DEC-2007 12:20
Instrument: MSL.i
Client Sample ID: VBLKL361A

Compound: Iodomethane
CAS Number: 74-88-4







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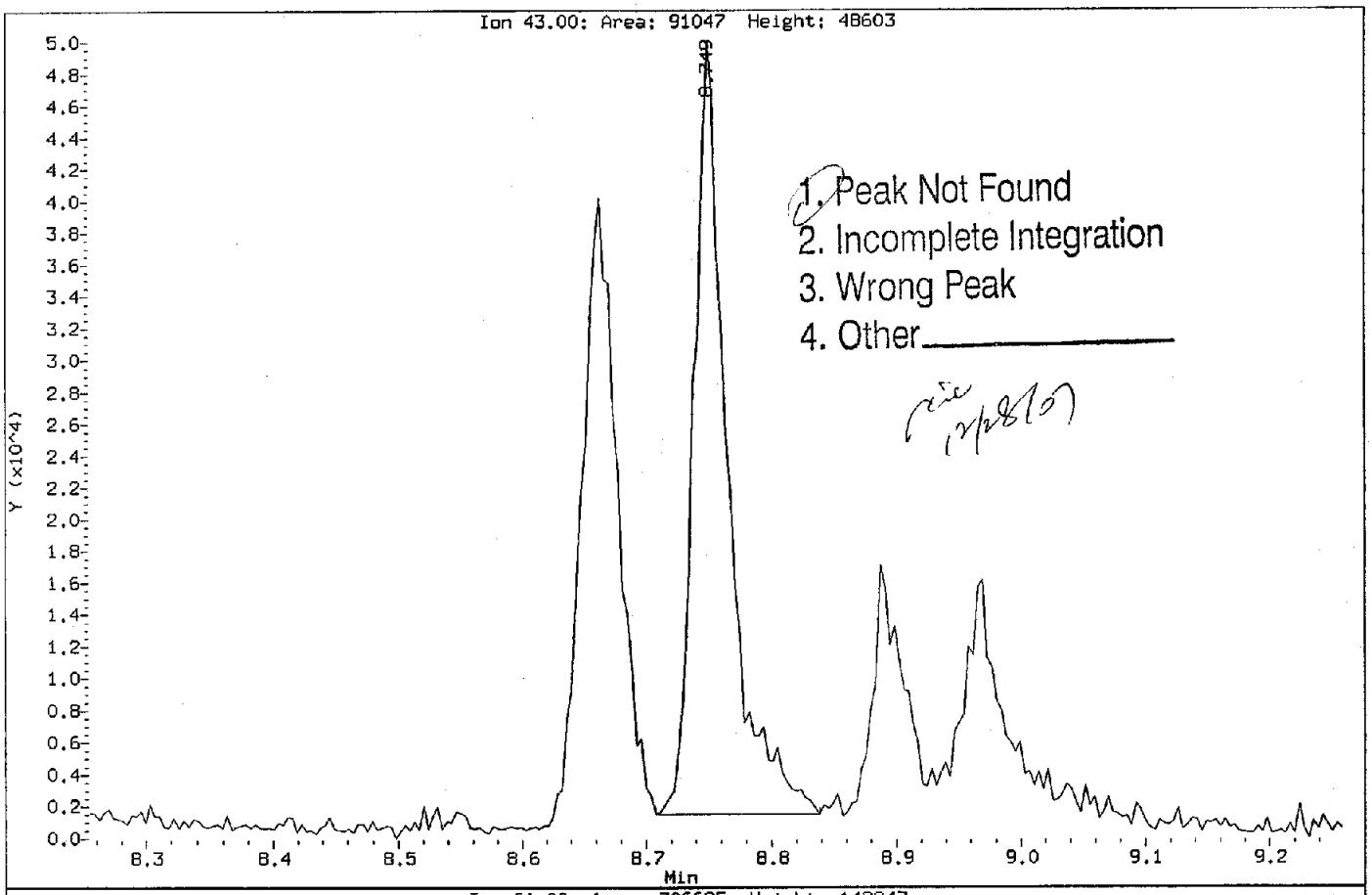
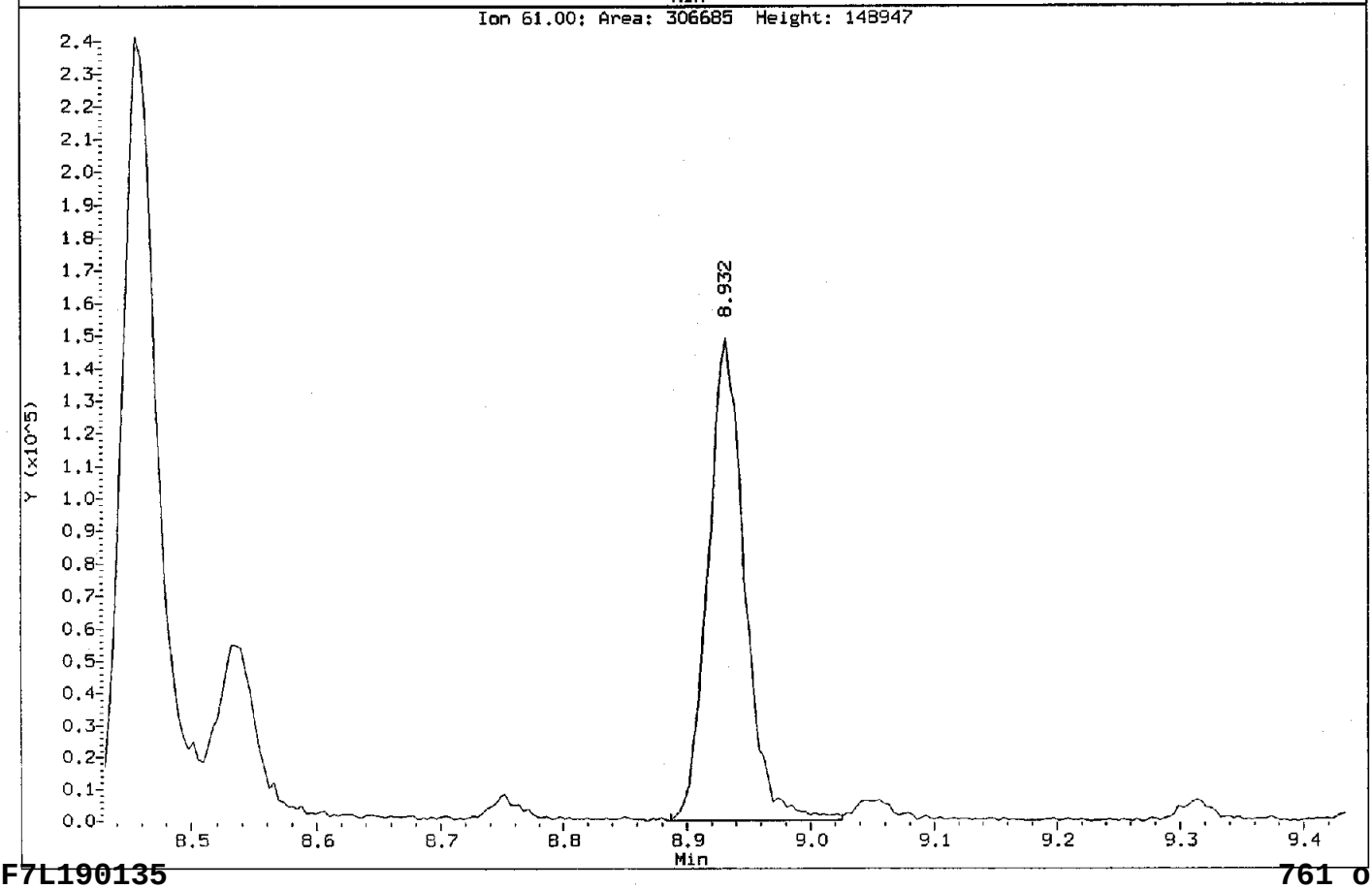
Injection Date: 27-DEC-2007 12:20
Instrument: MSL.i
Client Sample ID: VBLKL361A

Compound: Ethyl acetate
CAS Number: 141-78-6





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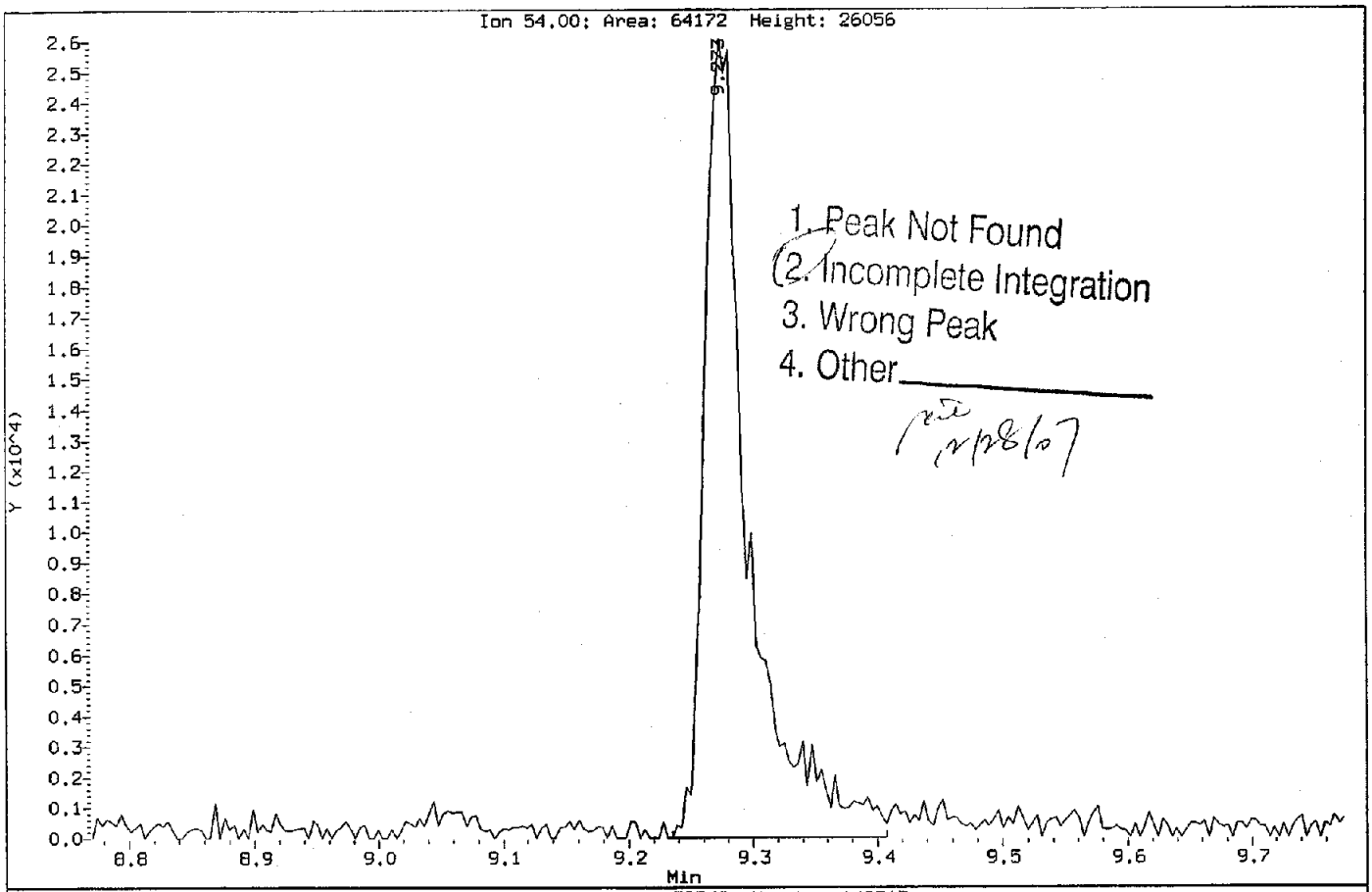
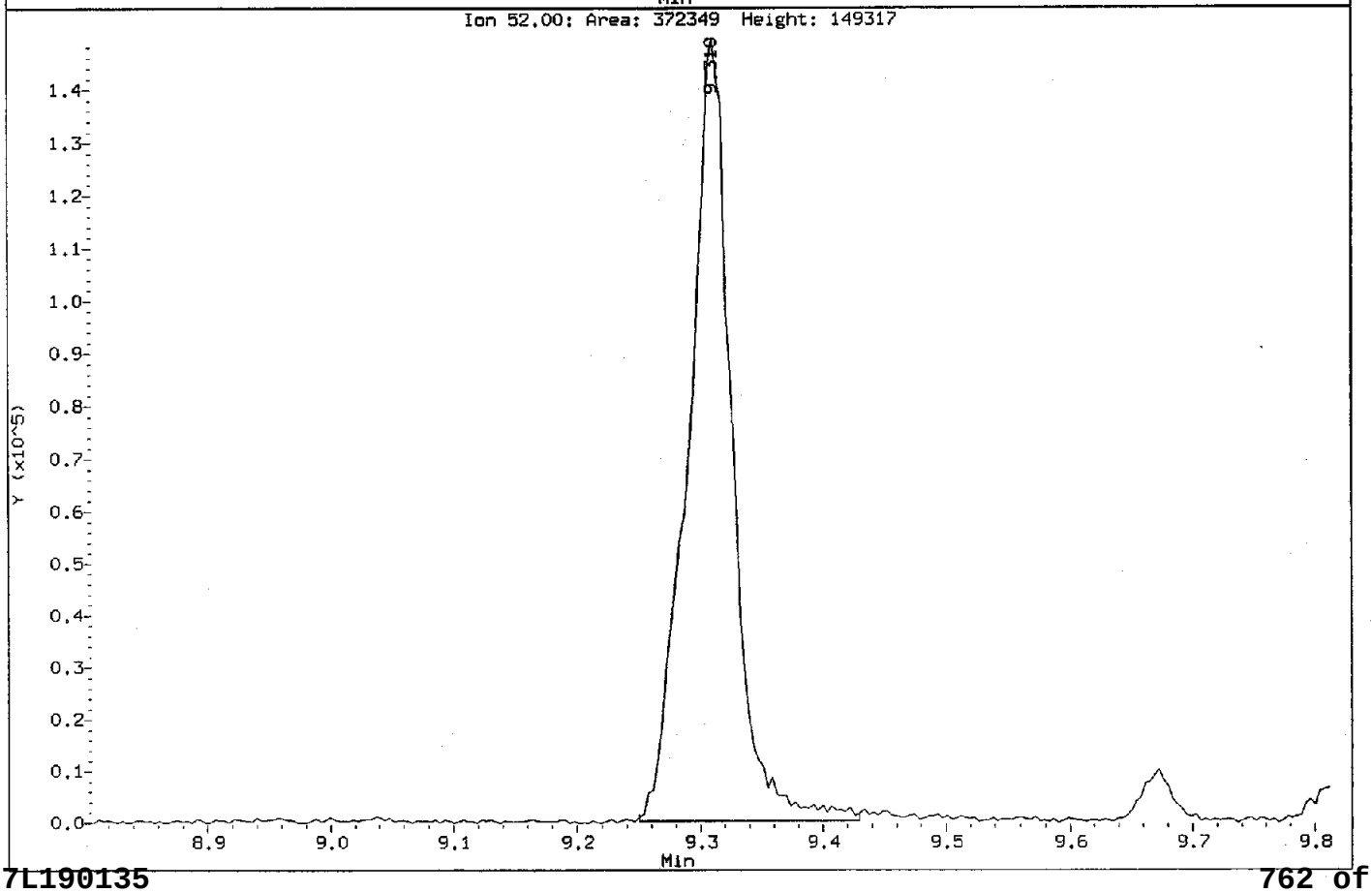
Injection Date: 27-DEC-2007 12:20
Instrument: MSL.i
Client Sample ID: VBLKL361A

Compound: Propionitrile
CAS Number: 107-12-0





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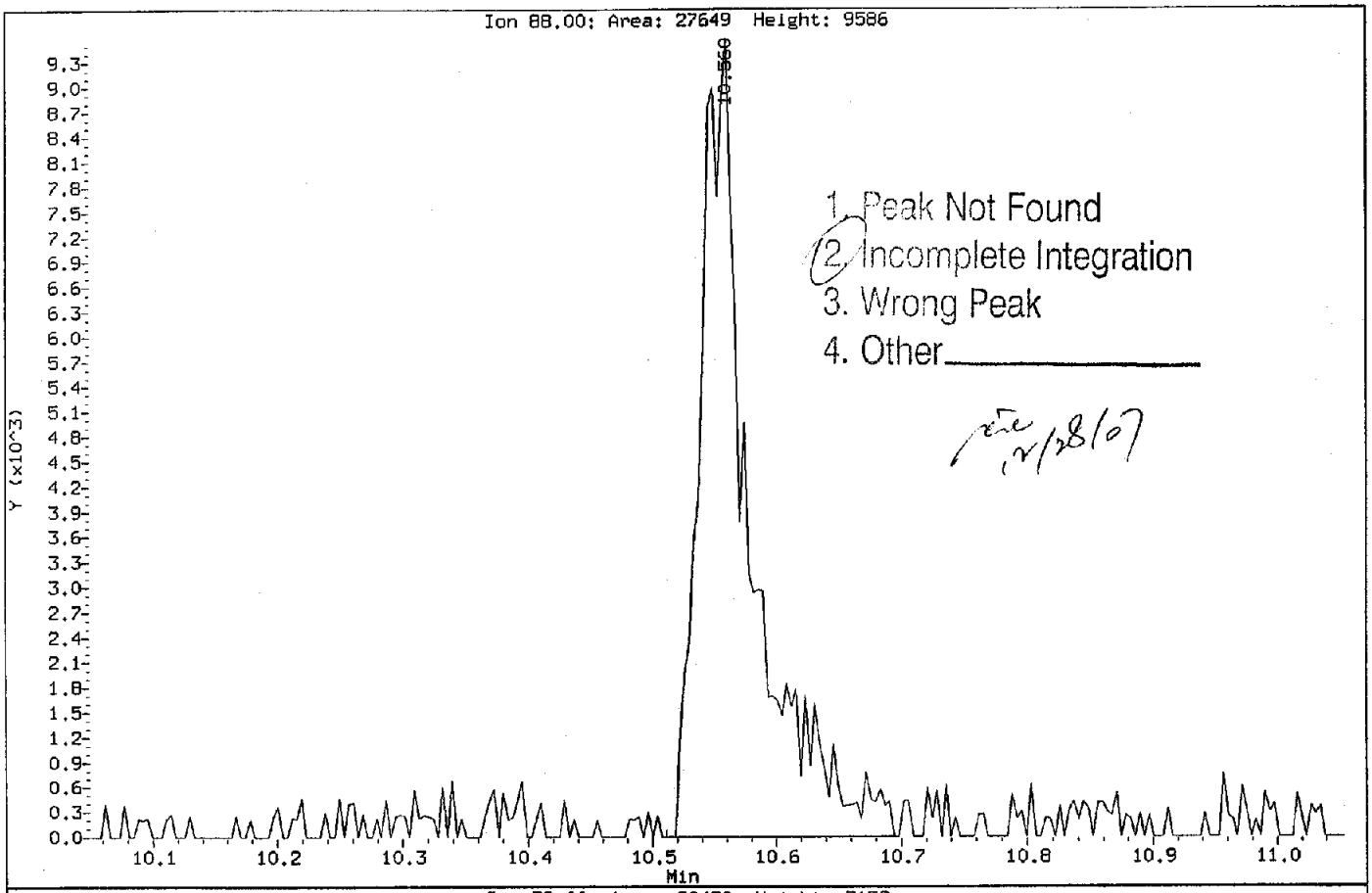
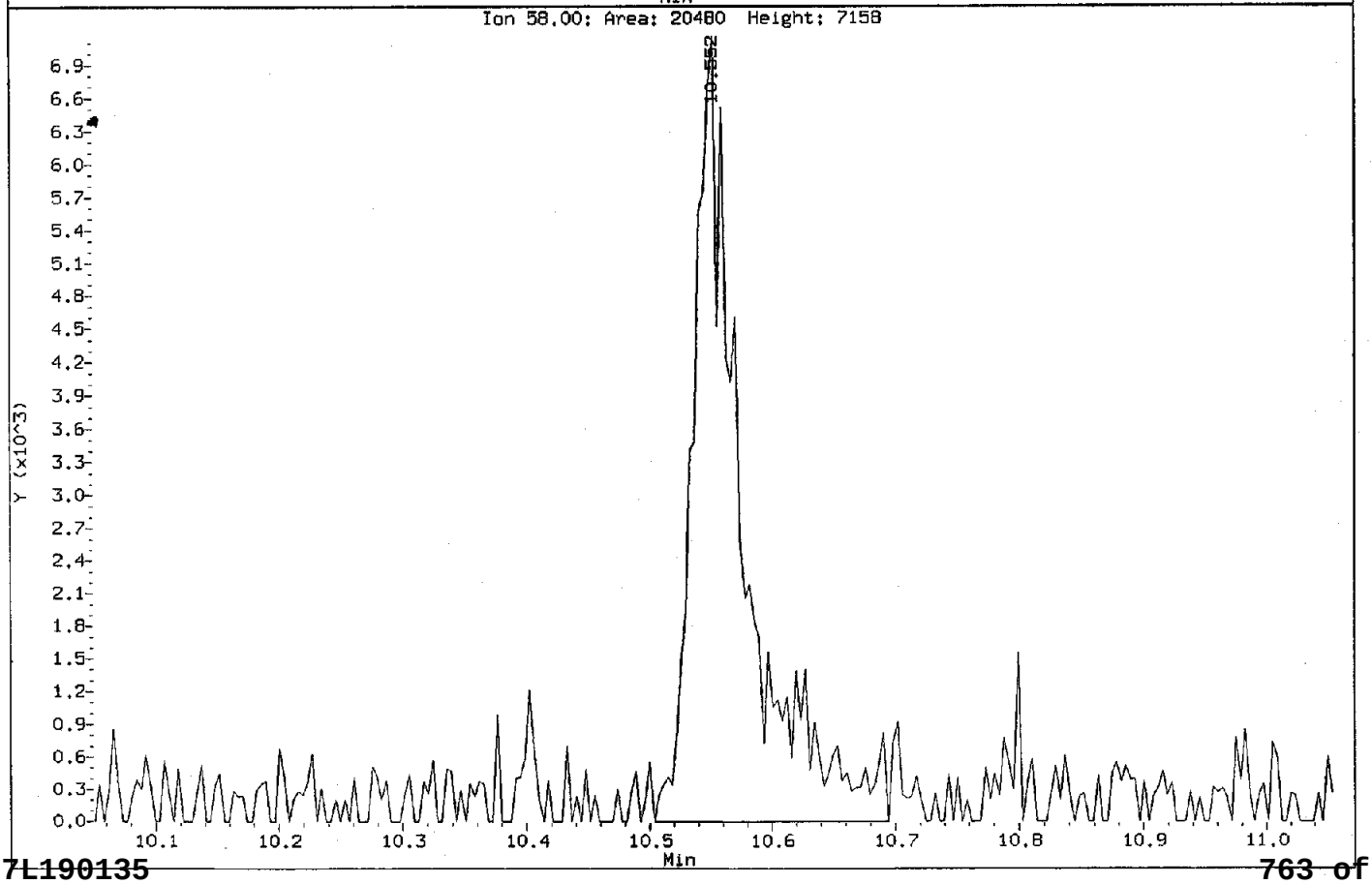
Injection Date: 27-DEC-2007 12:20
Instrument: MSL.i
Client Sample ID: VBLKL361A

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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Report Date: 28-Dec-2007 12:15

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7500.D
Lab Smp Id: KEWA41AD Client Smp ID: VLCSL361B
Inj Date : 27-DEC-2007 12:46
Operator : XIA Inst ID: MSL.i
Smp Info : KEWA41AD
Misc Info : VBLKL361A;F7L280000-155L;7362155
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.460	3.460	(0.358)	428334	8.96707	8.967
2	Freon-114	135	3.741	3.741	(0.387)	189224	16.8360	16.84(R)
3	Chloromethane	50	3.902	3.898	(0.404)	742556	8.54979	8.550
4	Vinyl Chloride	62	4.097	4.097	(0.424)	677872	9.21943	9.219
5	Bromomethane	94	4.796	4.796	(0.496)	516887	11.1830	11.18
6	Chloroethane	64	5.032	5.025	(0.520)	332984	7.49479	7.495
7	Trichlorofluoromethane	101	5.275	5.279	(0.546)	580968	8.94504	8.945
8	Diethyl ether	59	5.792	5.792	(0.599)	294545	23.4556	23.46
9	1,1-Dichloroethene	96	6.147	6.147	(0.636)	346736	9.74013	9.740
10	1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	372062	10.3432	10.34
11	Carbon Disulfide	76	6.308	6.304	(0.652)	1176144	10.0543	10.05
12	Iodomethane	142	6.439	6.435	(0.666)	104166	8.38054	8.380(M)
13	Acrolein	56	6.626	6.626	(0.685)	31525	50.1921	50.19(M)
14	Allyl chloride	39	6.814	6.813	(0.705)	382536	9.50901	9.509
15	Methylene Chloride	84	6.967	6.967	(0.721)	387855	11.6812	11.68
16	Acetone	43	6.971	6.974	(0.721)	29206	9.36371	9.364
17	trans-1,2-Dichloroethene	96	7.177	7.180	(0.742)	402171	9.39541	9.395
18	n-Hexane	57	7.177	7.176	(0.742)	847711	11.2183	11.22
19	Methyl Acetate	74	7.124	7.128	(0.737)	26878	8.42551	8.426(M)
20	MTBE	73	7.210	7.218	(0.746)	477302	12.3326	12.33
M 21	1,2-Dichloroethene (total)	96				794410	20.0456	20.04
22	Acetonitrile	41	7.562	7.566	(0.782)	46819	51.5100	51.51

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7500.D
Report Date: 28-Dec-2007 12:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.914	7.906	(0.818)	197114	59.8858	59.88
	24 1,1-Dichloroethane	63	7.873	7.872	(0.814)	743566	9.86053	9.860
	25 2-Chloro-1,3-butadiene	53	7.839	7.839	(0.811)	580220	9.55409	9.554
	26 Vinyl acetate	43	8.082	8.082	(0.836)	256110	13.4183	13.42(R)
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	392239	10.6502	10.65
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	600513	9.55109	9.551
	29 Bromochloromethane	128	8.703	8.703	(0.900)	91030	10.6483	10.65
	30 Cyclohexane	84	8.662	8.666	(0.896)	673477	10.1800	10.18
	31 Chloroform	83	8.707	8.707	(0.901)	612384	9.91640	9.916
	32 Ethyl acetate	43	8.752	8.756	(0.905)	97415	54.3432	54.34(RM)
	33 Carbon Tetrachloride	117	8.894	8.898	(0.920)	512009	10.1461	10.15
	34 Isobutanol	42	8.890	8.894	(0.920)	125021	217.428	217.4
	35 Tetrahydrofuran	71	8.898	8.894	(0.920)	51440	59.9213	59.92
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	233651	10.5634	10.56
	37 1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	585742	9.64808	9.648
	38 2-Butanone	43	8.969	8.969	(0.928)	25944	8.71309	8.713
	39 1,1-Dichloropropene	75	9.048	9.051	(0.936)	586809	9.97216	9.972
	40 Benzene	78	9.313	9.313	(0.963)	1685261	9.76327	9.763
	41 Propionitrile	54	9.276	9.272	(0.959)	62782	59.7213	59.72(M)
	42 Methacrylonitrile	41	9.283	9.287	(0.960)	316708	65.9294	65.93(R)
$	43 1,2-Dichloroethane-d4	65	9.441	9.444	(0.976)	180617	10.3837	10.38
	44 1,2-Dichloroethane	62	9.508	9.508	(0.983)	243718	10.5155	10.52
*	45 Fluorobenzene	96	9.669	9.672	(1.000)	1491966	10.0000	
	46 n-Butanol	56	10.043	10.032	(1.039)	11792	97.3658	97.36(M)
	47 Methylcyclohexane	55	9.811	9.811	(1.015)	604029	9.64292	9.643
	48 Trichloroethene	130	9.852	9.848	(1.019)	408750	9.77710	9.777
	49 Dibromomethane	93	10.309	10.312	(1.066)	82410	11.0362	11.04
	50 1,2-Dichloropropane	63	10.324	10.324	(1.068)	351478	10.7446	10.74
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	347235	11.0616	11.06
M	52 Xylenes (total)	106				2229180	27.6464	27.65
	53 Methyl methacrylate	69	10.402	10.402	(1.076)	71663	11.6535	11.65
	54 1,4-Dioxane	88	10.552	10.552	(1.091)	20956	118.660	118.6(R)
	55 2-chloroethyl vinyl ether	63	10.803	10.799	(1.117)	30198	7.46332	7.463
	56 cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	355104	10.9551	10.96
$	57 Toluene-d8	98	11.083	11.083	(0.885)	1303601	9.51441	9.514
	58 Toluene	91	11.136	11.136	(0.889)	1750674	9.11533	9.115
	59 2-Nitro-Propane	43	11.301	11.300	(0.902)	52490	10.1528	10.15
	60 4-Methyl-2-pentanone	43	11.360	11.364	(0.907)	98733	12.1138	12.11
	61 trans-1,3-Dichloropropene	75	11.491	11.495	(0.917)	248043	10.8488	10.85
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	296173	9.26169	9.262
	63 Ethyl methacrylate	69	11.506	11.506	(0.918)	168629	10.2996	10.30
	64 1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	142138	10.0245	10.02
	65 Chlorodibromomethane	129	11.892	11.892	(0.949)	150387	11.0340	11.03
	66 1,3-Dichloropropane	76	11.907	11.910	(0.950)	278088	10.6507	10.65
	67 1,2-Dibromoethane	107	12.150	12.150	(0.970)	101564	10.0750	10.08
	68 2-Hexanone	43	12.120	12.112	(0.967)	48718	10.1348	10.13
	69 Ethylbenzene	106	12.498	12.498	(0.998)	621749	9.01587	9.016
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	916374	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	940192	9.56620	9.566
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	266238	10.1159	10.12
	73 m,p-Xylenes	106	12.610	12.614	(1.007)	1572753	18.0696	18.07
	74 o-Xylene	106	13.033	13.033	(1.040)	656427	9.57679	9.577
	75 Styrene	104	13.089	13.089	(1.045)	923303	9.22187	9.222
	76 Bromoform	173	13.254	13.254	(0.900)	66407	11.5994	11.60

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7500.D
Report Date: 28-Dec-2007 12:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	77 Isopropylbenzene	105	13.291	13.291	(0.903)	1681836	8.36758	8.368
$	78 4-Bromofluorobenzene	95	13.643	13.647	(0.927)	325332	9.30235	9.302
	79 n-Propylbenzene	91	13.681	13.680	(0.929)	2396798	8.56255	8.562
	80 Bromobenzene	156	13.789	13.789	(0.937)	275553	9.68322	9.683
	81 1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	151294	10.4684	10.47
	82 1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1495517	8.78490	8.785
	83 2-Chlorotoluene	91	13.909	13.905	(0.945)	1198999	8.97492	8.975
	84 1,2,3-Trichloropropane	110	13.931	13.927	(0.946)	41996	11.2422	11.24
	85 trans-1,4-dichloro-2-butene	53	13.931	13.935	(0.946)	36781	10.7939	10.79
	86 4-Chlorotoluene	91	14.047	14.047	(0.954)	1128014	9.03831	9.038
	87 Cyclohexanone	55	14.006	14.010	(0.951)	29452	71.1392	71.14
	88 t-Butylbenzene	119	14.156	14.156	(0.962)	1310580	8.61474	8.615
	89 Pentachloroethane	167	14.276	14.275	(0.970)	154216	10.9608	10.96
	90 1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1485001	8.99715	8.997
	91 sec-Butylbenzene	105	14.328	14.328	(0.973)	2110737	8.45349	8.453
	92 4-Isopropyltoluene	119	14.437	14.436	(0.981)	1655538	8.73429	8.734
	93 1,3-Dichlorobenzene	146	14.654	14.657	(0.995)	615870	9.39767	9.398
*	94 1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	355902	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	601724	9.31105	9.311
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	1762362	8.73250	8.732
	98 1,2-Dichlorobenzene	146	15.162	15.162	(1.030)	470375	9.70171	9.702
	99 1,2-Dibromo-3-chloropropane	157	15.975	15.974	(1.085)	16598	10.7667	10.77
	100 Hexachlorobutadiene	225	16.558	16.558	(1.125)	178734	9.37544	9.375
	101 1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	268534	12.2771	12.28(R)
	102 Naphthalene	128	17.075	17.071	(1.160)	316041	12.5201	12.52
	103 1,2,3-Trichlorobenzene	180	17.296	17.292	(1.175)	171006	13.9673	13.97(R)
	143 Nonanal	57	15.746	15.746	(1.629)	80656	7.15715	7.157

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7500.D
Report Date: 28-Dec-2007 12:15

STL St. Louis

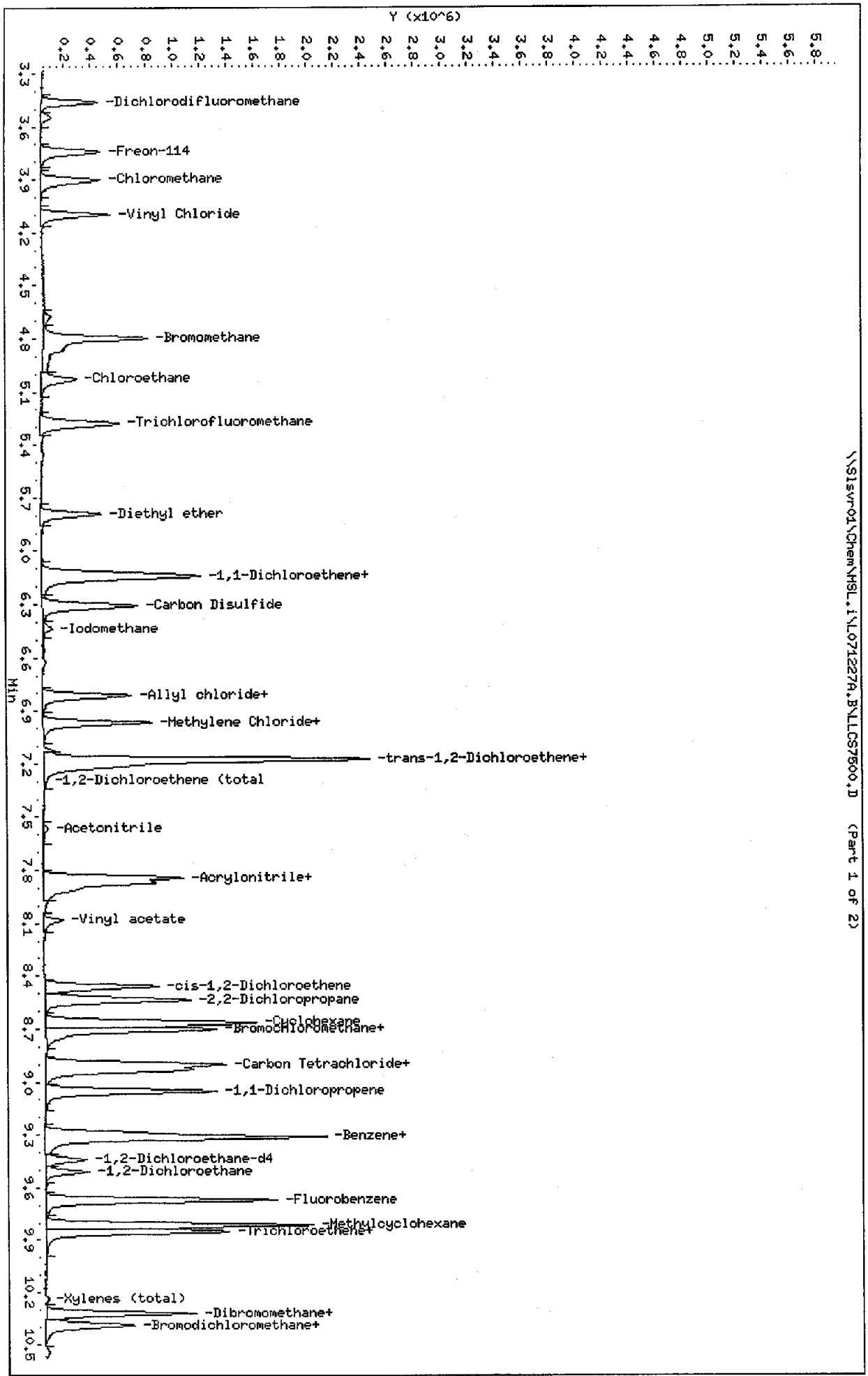
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LLCS7500.D
Lab Smp Id: KEWA41AD
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 27-DEC-2007
Calibration Time: 11:33
Client Smp ID: VLCSL361B
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;F7L280000-155L;7362155

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1414972	707486	2829944	1491966	5.44
70 Chlorobenzene-d5	860970	430485	1721940	916374	6.44
94 1,4 Dichlorobenze	346015	173008	692030	355902	2.86

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.72	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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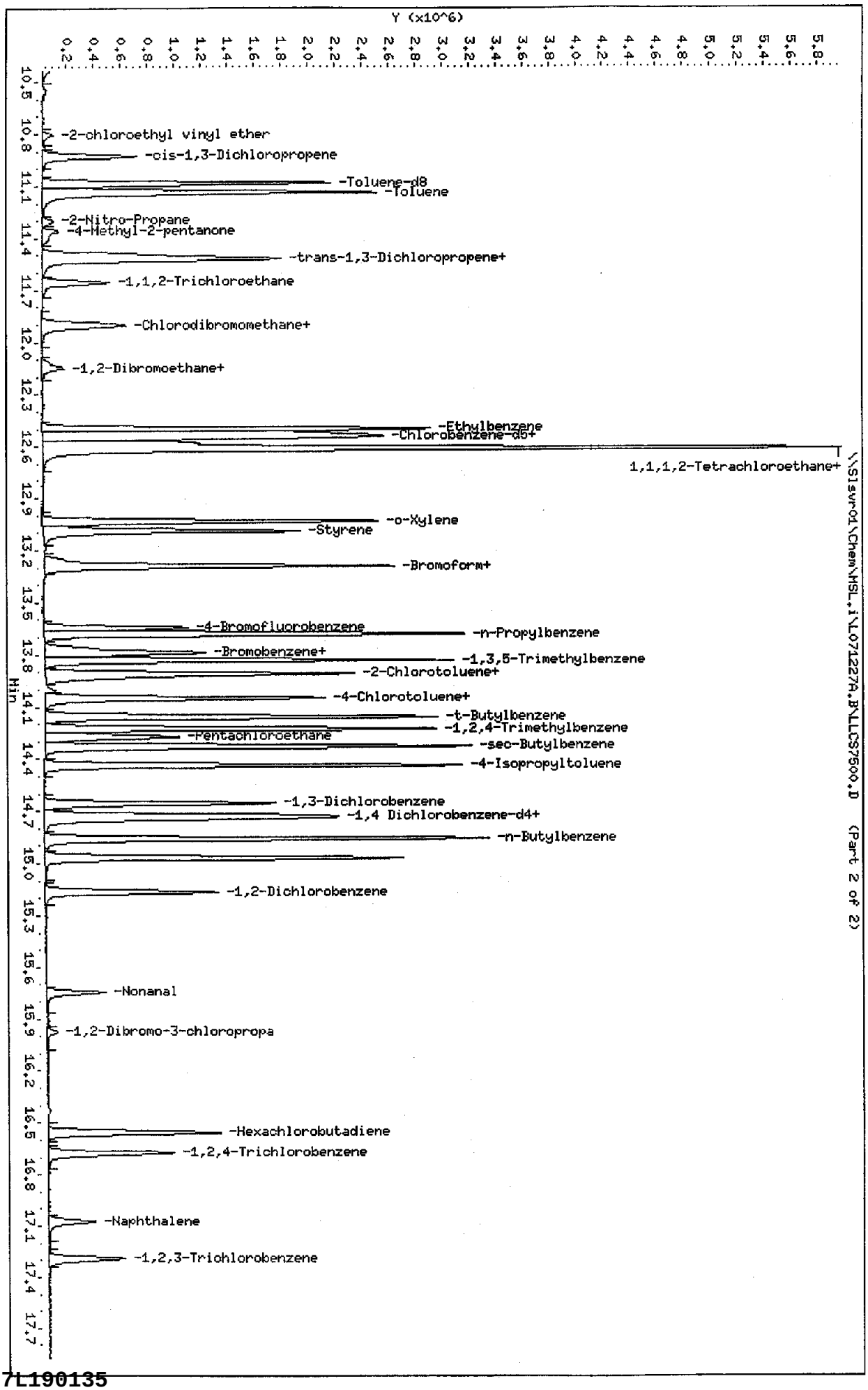
Date : 27-DEC-2007 12:46
Client ID: VLCSL361B
Sample Info: KEWA41AD
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7500.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Allyl chloride+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-Acetonitrile
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-BromoChloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+



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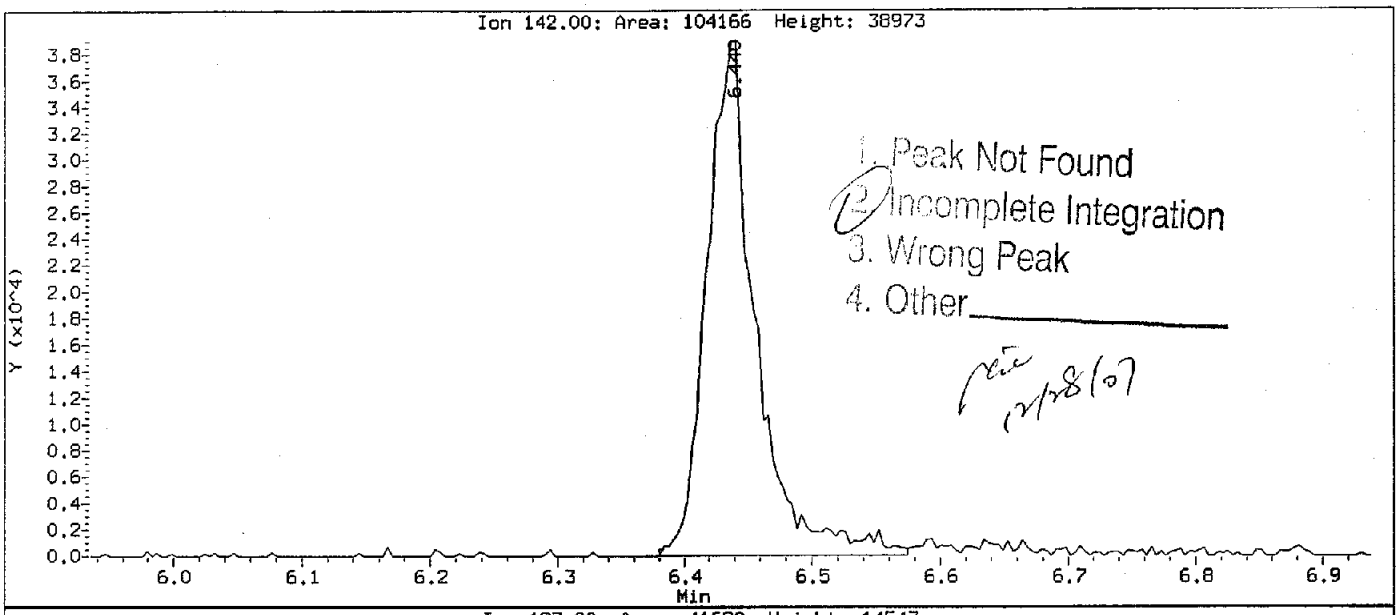
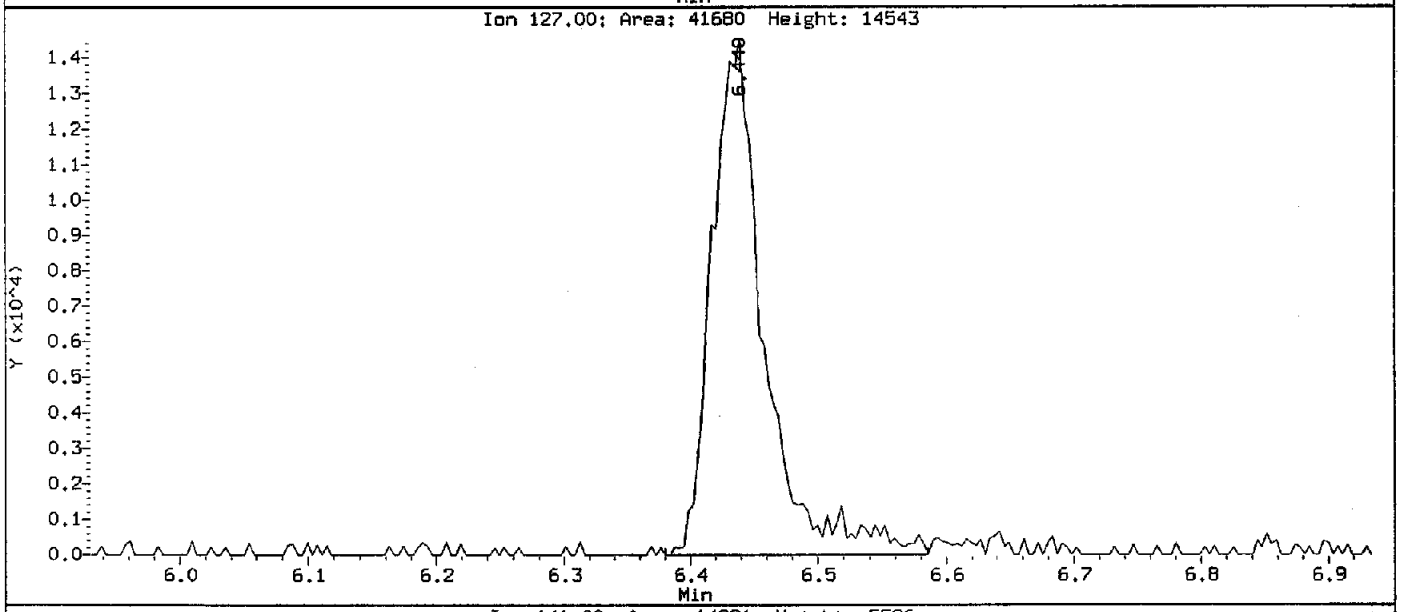
Date : 27-DEC-2007 12:46
Client ID: VLCSL361B
Sample Info: KEWA41AD
Purge Volume: 25.0
Column phase: RTX-502.2

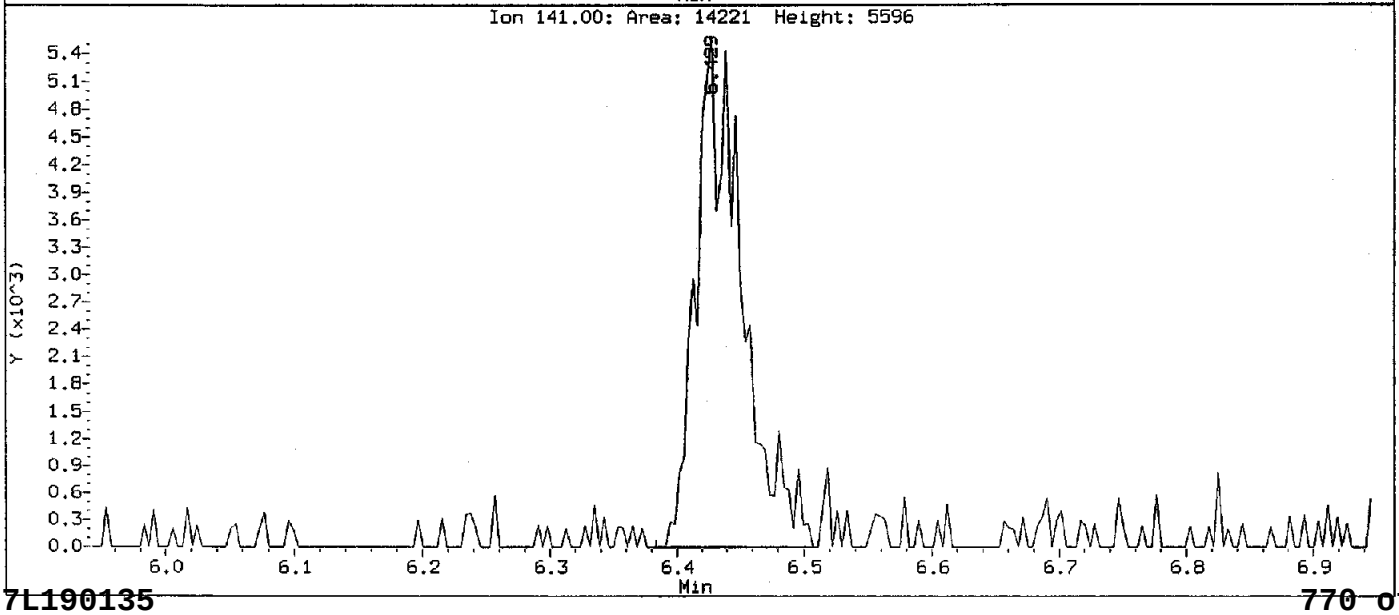
Instrument: MSL_i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7500.D
Injection Date: 27-DEC-2007 12:46
Instrument: MSL.i
Client Sample ID: VLCSL361B

Compound: Iodomethane
CAS Number: 74-88-4







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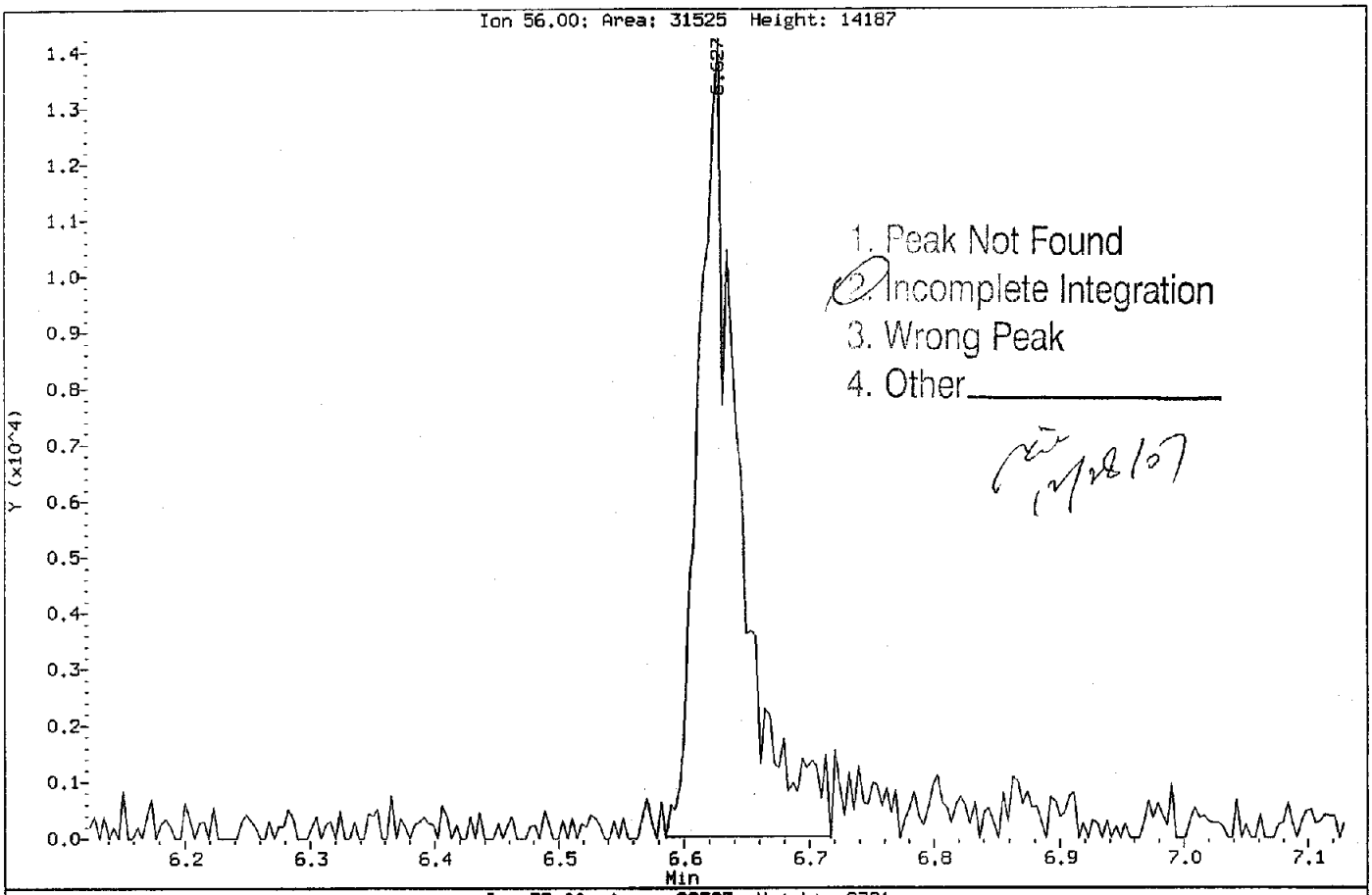
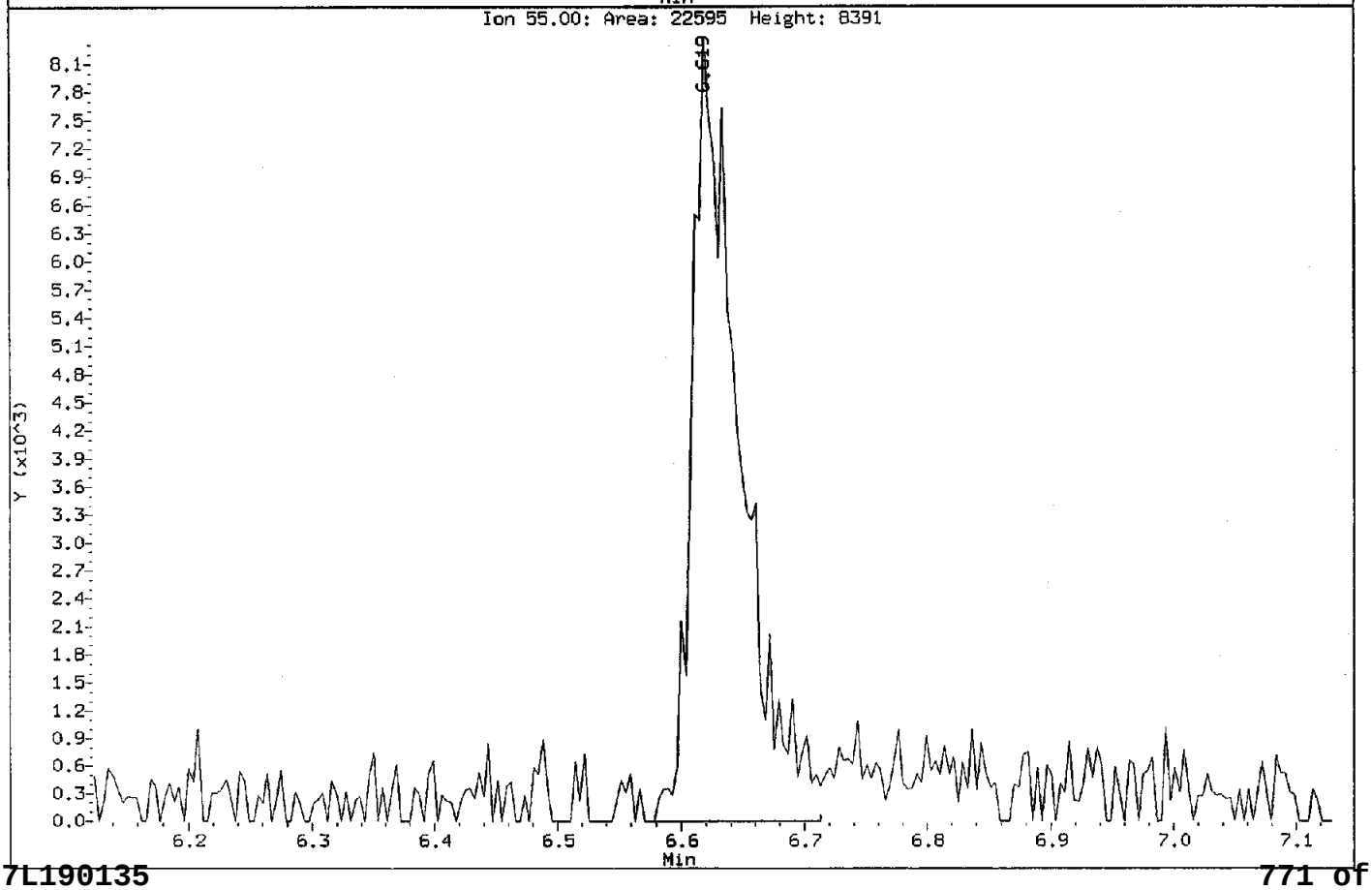
Injection Date: 27-DEC-2007 12:46
Instrument: MSL.i
Client Sample ID: VLCSL361B

Compound: Acrolein
CAS Number: 107-02-8





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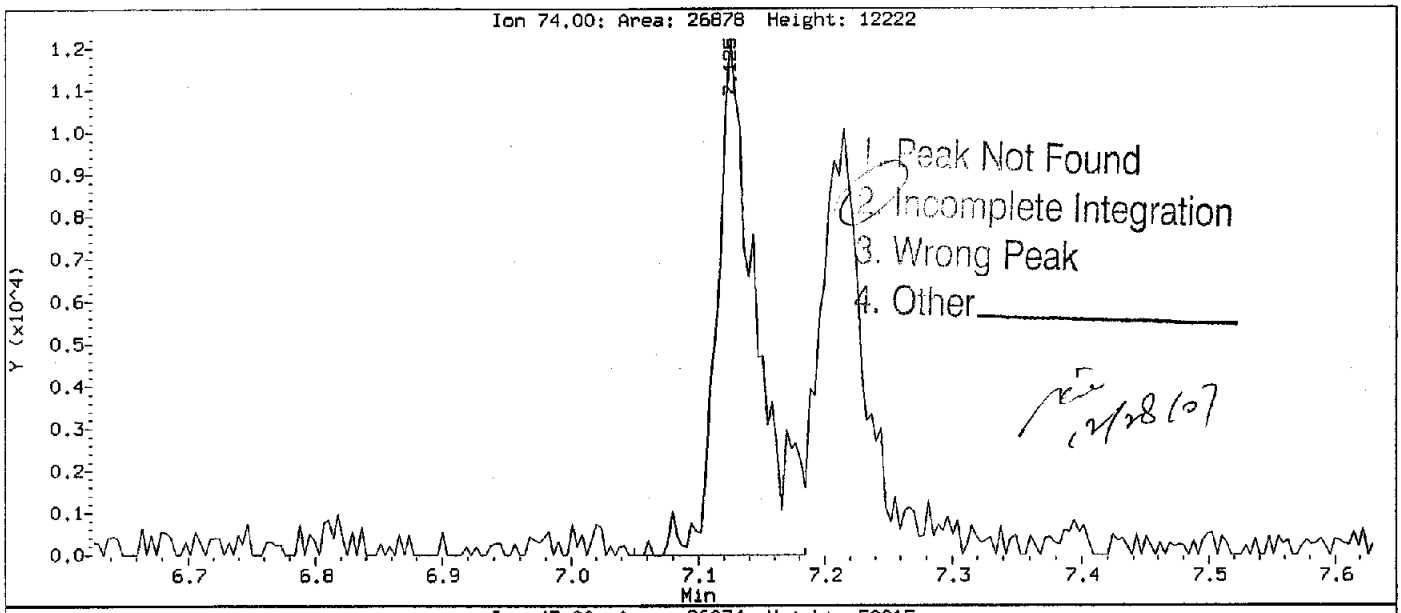
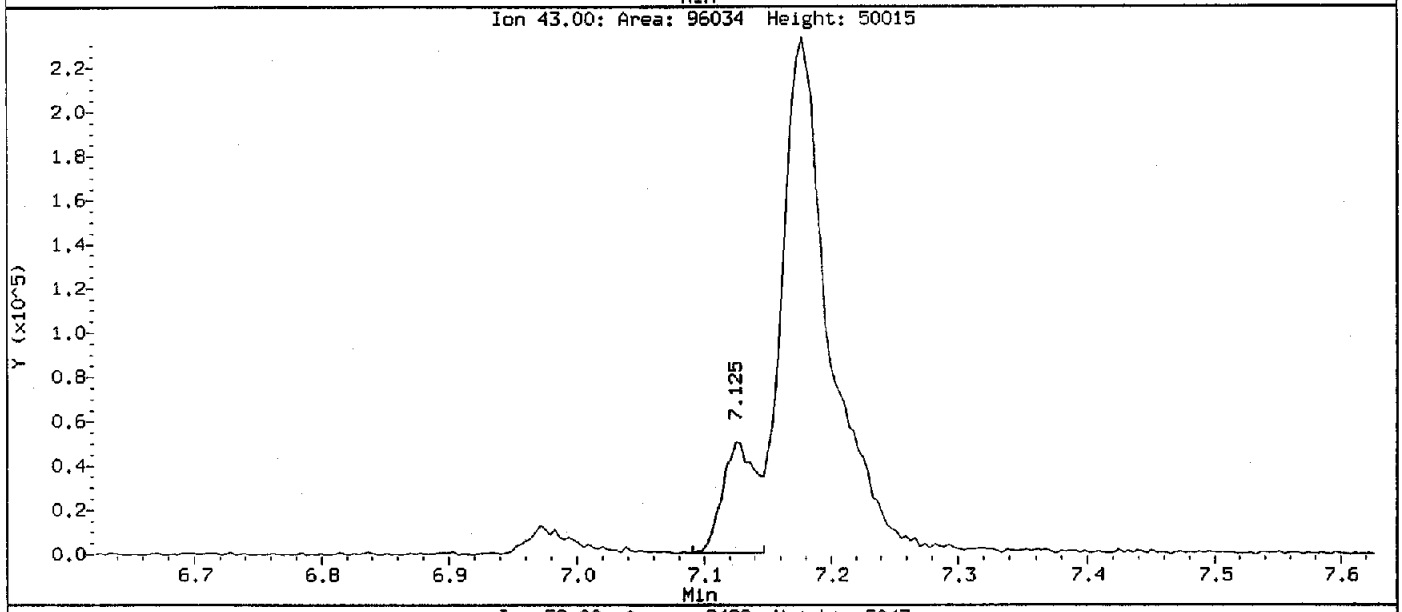
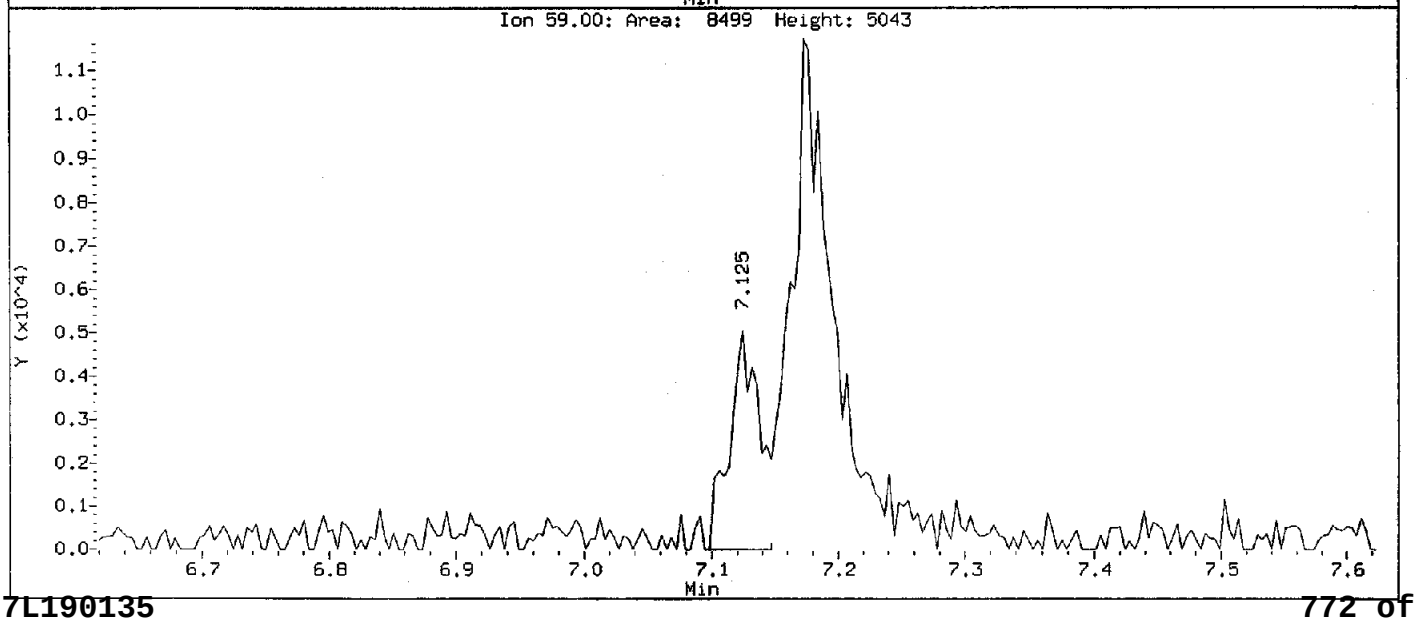
Injection Date: 27-DEC-2007 12:46
Instrument: MSL.i
Client Sample ID: VLCSL361B

Compound: Methyl Acetate
CAS Number:







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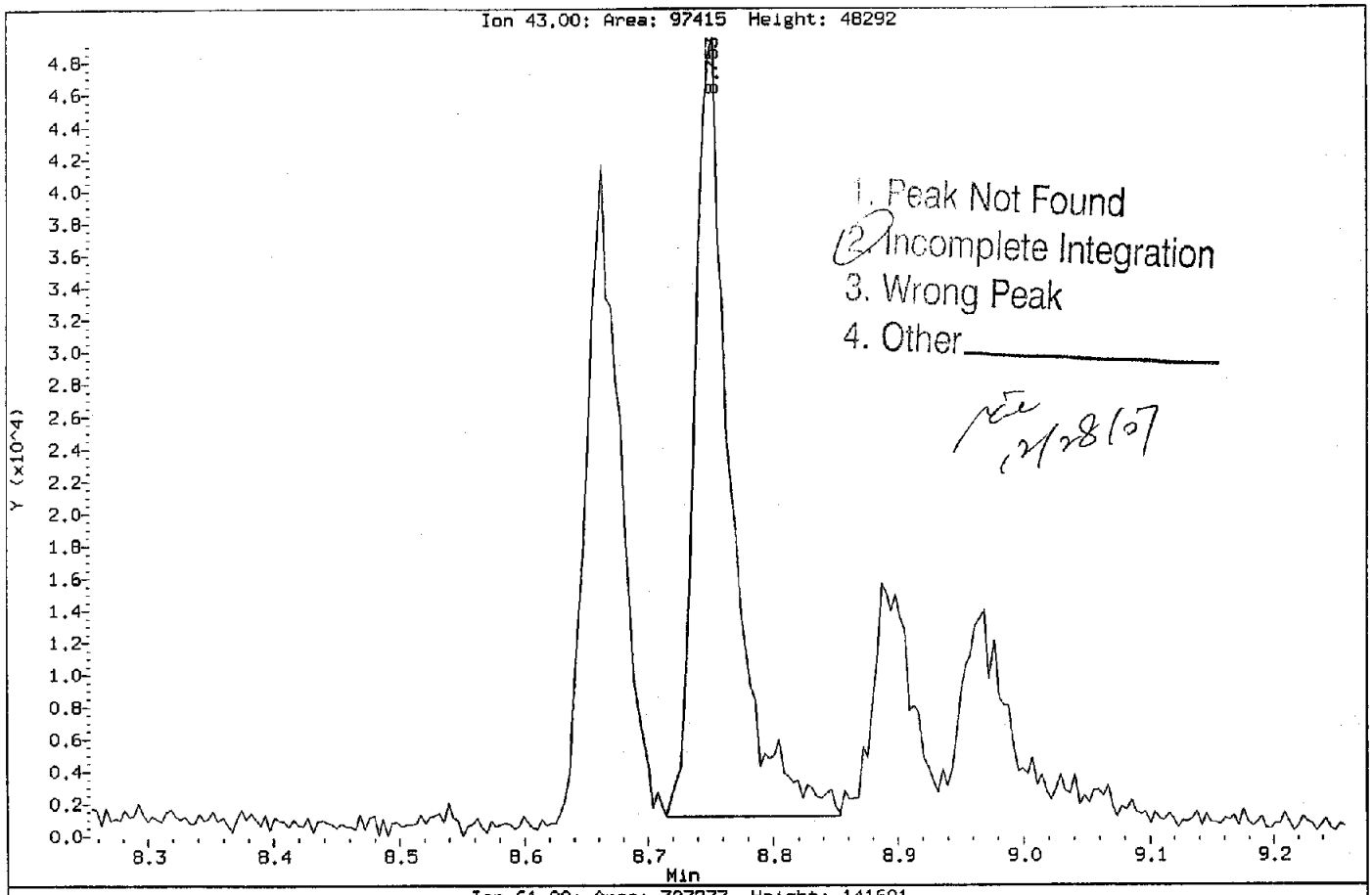
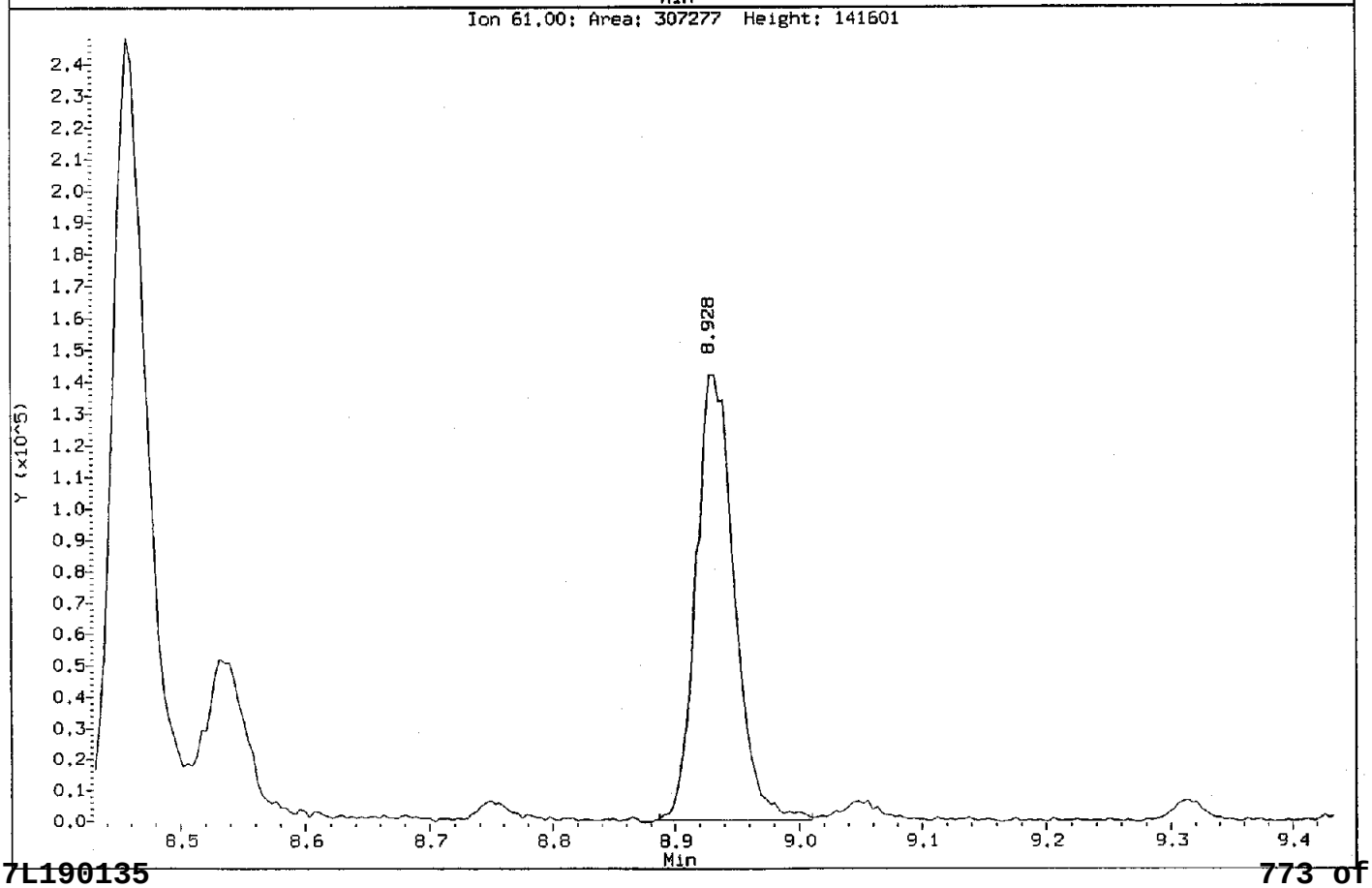
Injection Date: 27-DEC-2007 12:46
Instrument: MSL.i
Client Sample ID: VLCSL361B

Compound: Ethyl acetate
CAS Number: 141-78-6





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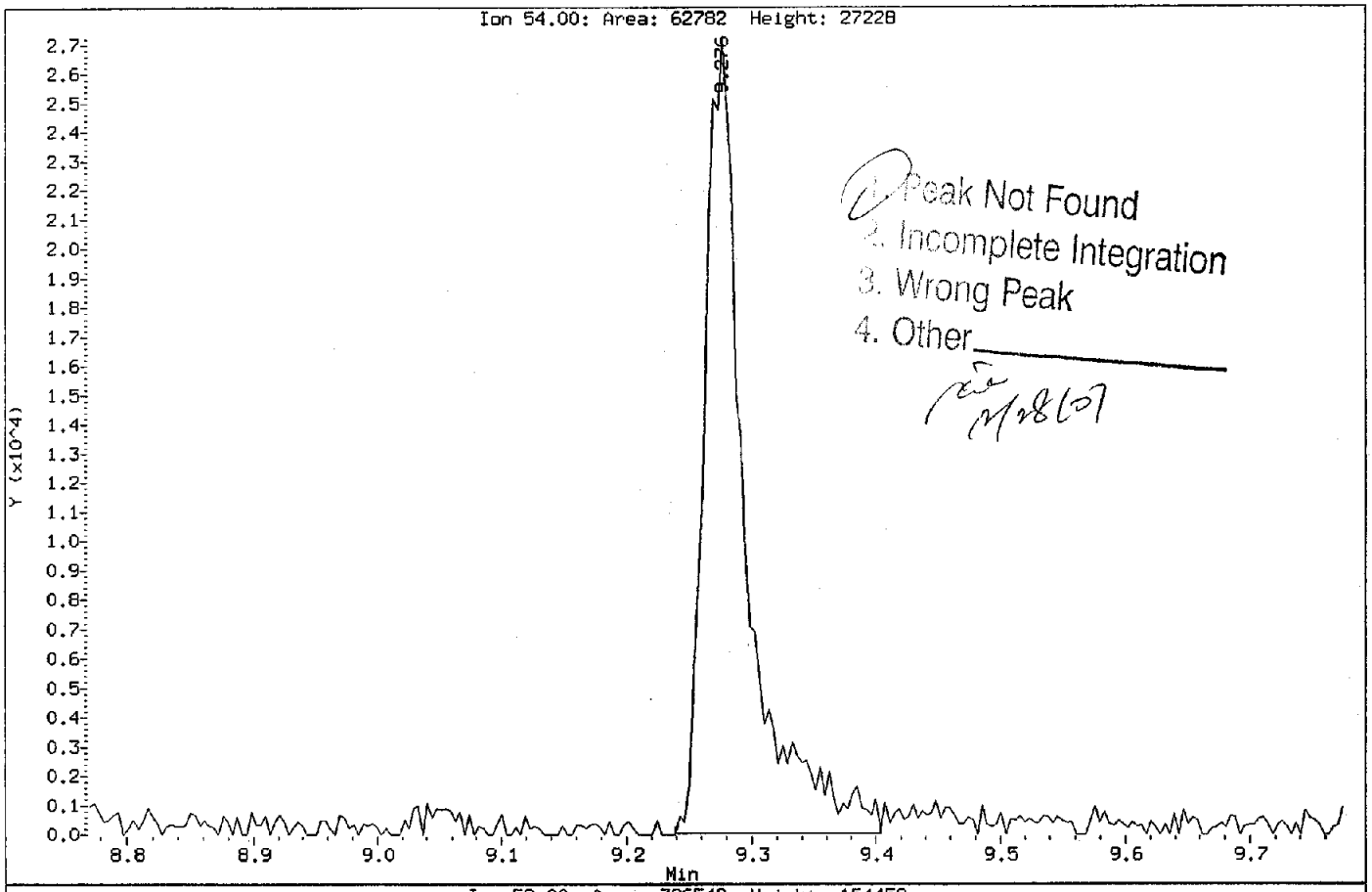
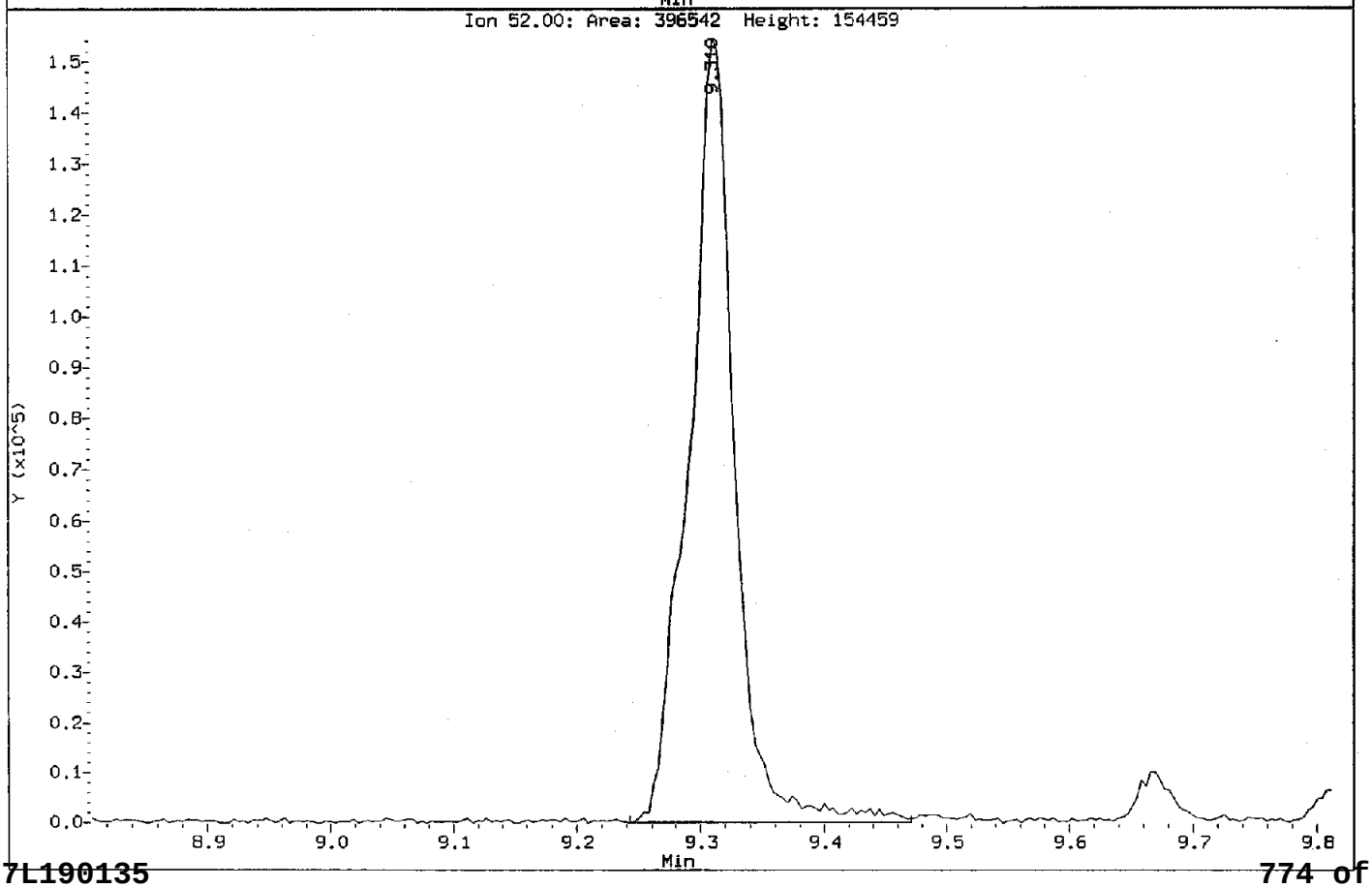
Injection Date: 27-DEC-2007 12:46
Instrument: MSL.i
Client Sample ID: VLCSL361B

Compound: Propionitrile
CAS Number: 107-12-0





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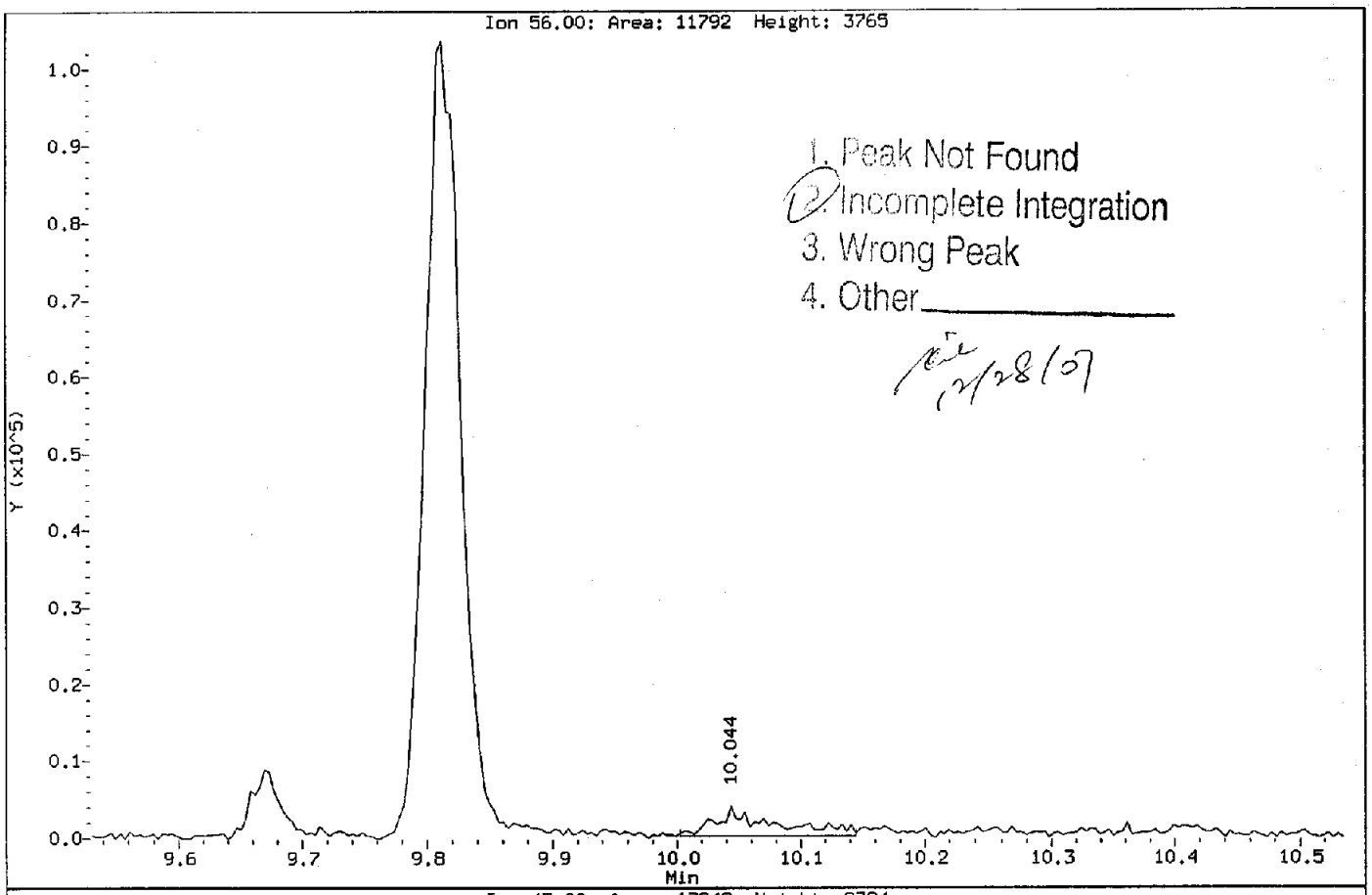
Injection Date: 27-DEC-2007 12:46
Instrument: MSL.i
Client Sample ID: VLCSL361B

Compound: n-Butanol
CAS Number: 71-36-3



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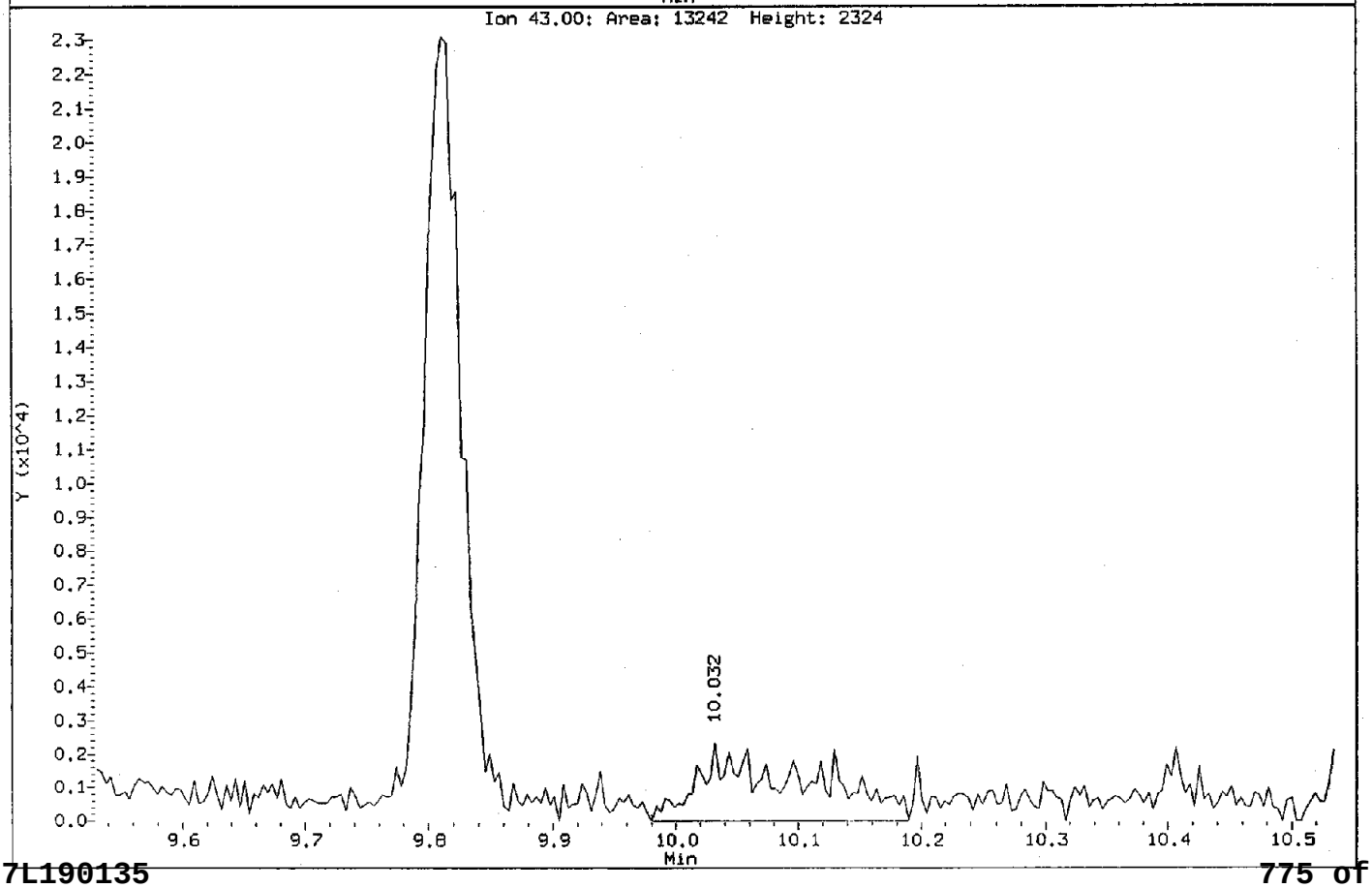
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12/28/07



Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7423B.D
Report Date: 27-Dec-2007 14:47

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7423B.D
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Inj Date : 21-DEC-2007 13:49
Operator : XIA Inst ID: MSL.i
Smp Info : KET0C1AC
Misc Info : VBLKL355A;F7L240000-096C;7358096
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Meth Date : 27-Dec-2007 12:26 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.464	3.464	(0.358)	378963	8.01130	8.011
2	Freon-114	135	3.737	3.741	(0.387)	187903	16.8824	16.88(R)
3	Chloromethane	50	3.902	3.902	(0.404)	591369	6.87580	6.876
4	Vinyl Chloride	62	4.097	4.097	(0.424)	627322	8.61560	8.616
5	Bromomethane	94	4.800	4.800	(0.496)	622511	13.6003	13.60
6	Chloroethane	64	5.036	5.029	(0.521)	459803	10.4507	10.45
7	Trichlorofluoromethane	101	5.283	5.279	(0.546)	590084	9.17449	9.174
8	Diethyl ether	59	5.788	5.796	(0.599)	243819	19.6065	19.61
9	1,1-Dichloroethene	96	6.151	6.148	(0.636)	352132	9.98871	9.989
10	1,1,2-Trichlorofluoroethane	101	6.136	6.136	(0.635)	383536	10.7668	10.77
11	Carbon Disulfide	76	6.308	6.308	(0.652)	1214266	10.4820	10.48
12	Iodomethane	142	6.432	6.436	(0.665)	203327	16.5188	16.52(R)
13	Acrolein	56	6.626	6.615	(0.685)	22012	35.3898	35.39(R)
14	Allyl chloride	39	6.813	6.814	(0.705)	425269	10.6749	10.67
15	Methylene Chloride	84	6.967	6.963	(0.721)	306934	9.33472	9.335
16	Acetone	43	6.971	6.975	(0.721)	24640	7.70026	7.700(M)
17	trans-1,2-Dichloroethene	96	7.176	7.177	(0.742)	425922	10.0478	10.05
18	n-Hexane	57	7.176	7.177	(0.742)	856602	11.4471	11.45
19	Methyl Acetate	74	7.128	7.128	(0.737)	21081	6.67311	6.673(RM)
20	MTBE	73	7.218	7.214	(0.746)	362981	9.47072	9.471
M 21	1,2-Dichloroethene (total)	96				805443	20.4537	20.45
22	Acetonitrile	41	7.558	7.570	(0.782)	44773	49.7159	49.72(M)

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7423B.D
Report Date: 27-Dec-2007 14:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.910	7.910	(0.818)	172324	52.8677	52.87
	24 1,1-Dichloroethane	63	7.873	7.873	(0.814)	746765	10.0001	10.00
	25 2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	628920	10.4576	10.46
	26 Vinyl acetate	43	8.082	8.082	(0.836)	212691	11.2527	11.25
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	379521	10.4059	10.40
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	625175	10.0408	10.04
	29 Bromochloromethane	128	8.703	8.703	(0.900)	81037	9.57232	9.572
	30 Cyclohexane	84	8.666	8.666	(0.896)	704984	10.7608	10.76
	31 Chloroform	83	8.707	8.707	(0.901)	591262	9.66826	9.668
	32 Ethyl acetate	43	8.748	8.752	(0.905)	73809	41.7093	41.71(R)
	33 Carbon Tetrachloride	117	8.898	8.894	(0.920)	537732	10.7603	10.76
	34 Isobutanol	42	8.898	8.898	(0.920)	99358	174.491	174.5
	35 Tetrahydrofuran	71	8.902	8.902	(0.921)	34374	40.4342	40.43
$	36 Dibromofluoromethane	113	8.905	8.906	(0.921)	227201	10.3725	10.37
	37 1,1,1-Trichloroethane	97	8.935	8.936	(0.924)	601561	10.0058	10.00
	38 2-Butanone	43	8.973	8.958	(0.928)	23452	7.97255	7.972
	39 1,1-Dichloropropene	75	9.051	9.048	(0.936)	598580	10.2719	10.27
	40 Benzene	78	9.313	9.313	(0.963)	1669436	9.76644	9.766
	41 Propionitrile	54	9.276	9.276	(0.959)	49551	47.5976	47.60
	42 Methacrylonitrile	41	9.287	9.284	(0.961)	285707	60.0591	60.06(R)
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.977)	170879	9.92022	9.920
	44 1,2-Dichloroethane	62	9.512	9.512	(0.984)	219509	9.56388	9.564
*	45 Fluorobenzene	96	9.669	9.673	(1.000)	1477477	10.0000	
	46 n-Butanol	56	10.062	10.047	(1.041)	14802	123.418	123.4(RM)
	47 Methylcyclohexane	55	9.815	9.815	(1.015)	655315	10.5643	10.56
	48 Trichloroethene	130	9.848	9.852	(1.019)	421579	10.1829	10.18
	49 Dibromomethane	93	10.312	10.313	(1.067)	73510	9.94087	9.941
	50 1,2-Dichloropropane	63	10.327	10.324	(1.068)	308795	9.53240	9.532
	51 Bromodichloromethane	83	10.391	10.388	(1.075)	314139	10.1054	10.10
M	52 Xylenes (total)	106				2230225	29.9136	29.91
	53 Methyl methacrylate	69	10.402	10.406	(1.076)	62404	10.2473	10.25
	54 1,4-Dioxane	88	10.552	10.563	(1.091)	20264	114.728	114.7(R)
	55 2-chloroethyl vinyl ether	63	10.803	10.807	(1.117)	36560	9.12427	9.124
	56 cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	312704	9.74165	9.742
$	57 Toluene-d8	98	11.087	11.084	(0.885)	1382956	10.9464	10.95
	58 Toluene	91	11.136	11.136	(0.889)	1785819	10.0840	10.08
	59 2-Nitro-Propane	43	11.300	11.308	(0.902)	38234	8.11814	8.118
	60 4-Methyl-2-pentanone	43	11.368	11.364	(0.907)	71298	9.48682	9.487
	61 trans-1,3-Dichloropropene	75	11.495	11.491	(0.917)	217215	10.3031	10.30
	62 Tetrachloroethene	164	11.525	11.521	(0.920)	311340	10.5478	10.55
	63 Ethyl methacrylate	69	11.506	11.506	(0.918)	120754	8.29024	8.290
	64 1,1,2-Trichloroethane	97	11.660	11.660	(0.930)	122289	9.35329	9.353
	65 Chlorodibromomethane	129	11.892	11.892	(0.949)	130908	10.4163	10.42
	66 1,3-Dichloropropane	76	11.910	11.911	(0.950)	228817	9.50409	9.504
	67 1,2-Dibromoethane	107	12.146	12.154	(0.969)	86264	9.28031	9.280
	68 2-Hexanone	43	12.124	12.120	(0.967)	31227	7.20111	7.201
	69 Ethylbenzene	106	12.502	12.498	(0.998)	628443	9.88291	9.883
*	70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	844980	10.0000	
	71 Chlorobenzene	112	12.550	12.547	(1.001)	886382	9.78070	9.781
	72 1,1,1,2-Tetrachloroethane	131	12.584	12.580	(1.004)	247091	10.1816	10.18
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1598106	19.9122	19.91
	74 o-Xylene	106	13.033	13.033	(1.040)	632119	10.0014	10.00
	75 Styrene	104	13.089	13.089	(1.044)	845292	9.15668	9.157
	76 Bromoform	173	13.258	13.258	(0.900)	54212	10.3828	10.38

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7423B.D
Report Date: 27-Dec-2007 14:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
77	Isopropylbenzene	105	13.295	13.291	(0.903)	1770321	9.65748	9.657
$ 78	4-Bromofluorobenzene	95	13.647	13.647	(0.927)	303522	9.51593	9.516
79	n-Propylbenzene	91	13.680	13.681	(0.929)	2480841	9.71775	9.718
80	Bromobenzene	156	13.793	13.793	(0.937)	251000	9.67127	9.671
81	1,1,2,2-Tetrachloroethane	83	13.767	13.767	(0.935)	115522	8.76430	8.764
82	1,3,5-Trimethylbenzene	105	13.834	13.834	(0.940)	1521969	9.80272	9.803
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	1147677	9.41947	9.419
84	1,2,3-Trichloropropane	110	13.935	13.935	(0.946)	31892	9.36094	9.361
85	trans-1,4-dichloro-2-butene	53	13.935	13.935	(0.946)	27430	8.87365	8.874
86	4-Chlorotoluene	91	14.051	14.051	(0.954)	1074565	9.44063	9.441
87	Cyclohexanone	55	14.010	14.010	(0.951)	28922	81.4856	81.48
88	t-Butylbenzene	119	14.159	14.160	(0.962)	1391086	10.0260	10.03
89	Pentachloroethane	167	14.272	14.276	(0.969)	132022	10.3142	10.31
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1455149	9.66676	9.667
91	sec-Butylbenzene	105	14.332	14.332	(0.973)	2259813	9.92362	9.924
92	4-Isopropyltoluene	119	14.440	14.440	(0.981)	1756968	10.1636	10.16
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	563198	9.42297	9.423
* 94	1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	324590	10.0000	
95	1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	540829	9.17607	9.176
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1860120	10.1060	10.11
98	1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	407921	9.22519	9.225
99	1,2-Dibromo-3-chloropropane	157	15.978	15.978	(1.085)	11806	8.39704	8.397(M)
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	188839	10.8610	10.86
101	1,2,4-Trichlorobenzene	180	16.678	16.682	(1.133)	204663	10.2597	10.26
102	Naphthalene	128	17.078	17.079	(1.160)	207324	9.00555	9.006
103	1,2,3-Trichlorobenzene	180	17.295	17.292	(1.175)	111041	9.94443	9.944
143	Nonanal	57	15.754	15.750	(1.629)	35182	4.05840	4.058

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7423B.D
Report Date: 27-Dec-2007 14:47

STL St. Louis

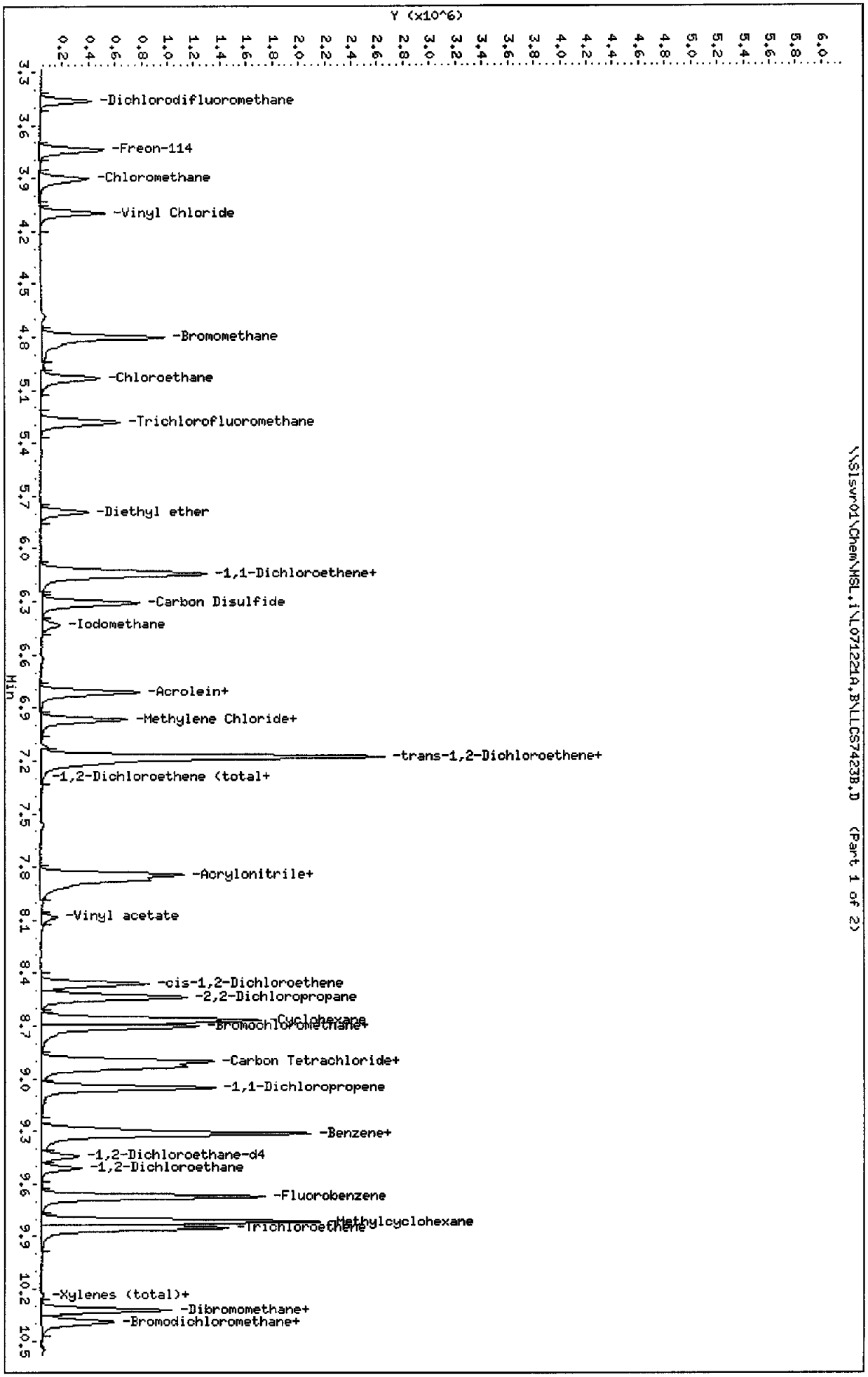
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LLCS7423B.D
Lab Smp Id: KET0C1AC
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 21-DEC-2007
Calibration Time: 13:05
Client Smp ID: VLCSL355A
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Misc Info: VBLKL355A;F7L240000-096C;7358096

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1399217	699609	2798434	1477477	5.59
70 Chlorobenzene-d5	802936	401468	1605872	844980	5.24
94 1,4 Dichlorobenze	308619	154310	617238	324590	5.17

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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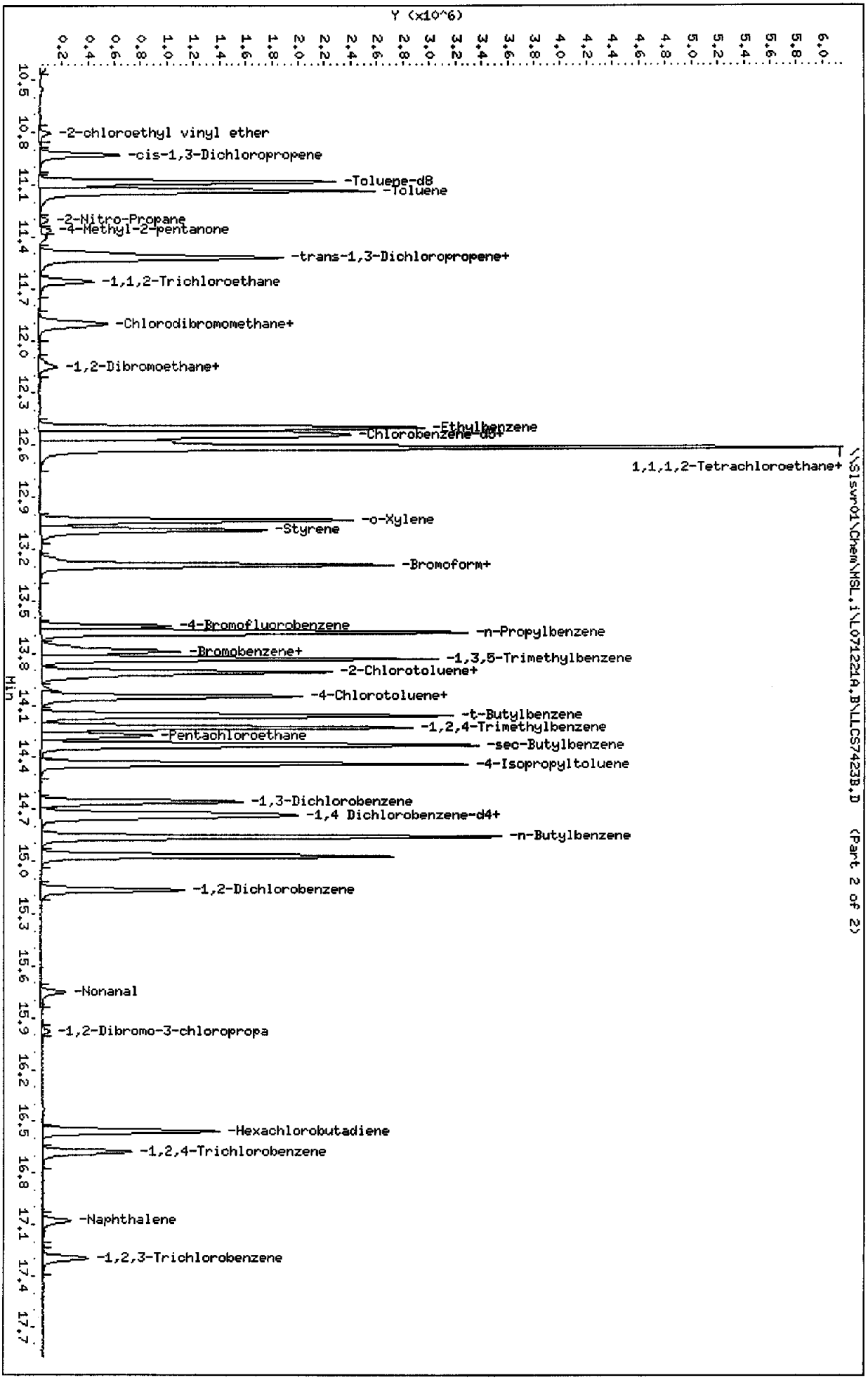
Date : 21-DEC-2007 13:49
Client ID: VLCSL355A
Sample Info: KETOC1AC
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7423B.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Acrolein+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene
-Xylenes (total)+
-Dibromomethane+
-Bromodichloromethane+



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Date : 21-DEC-2007 13:49
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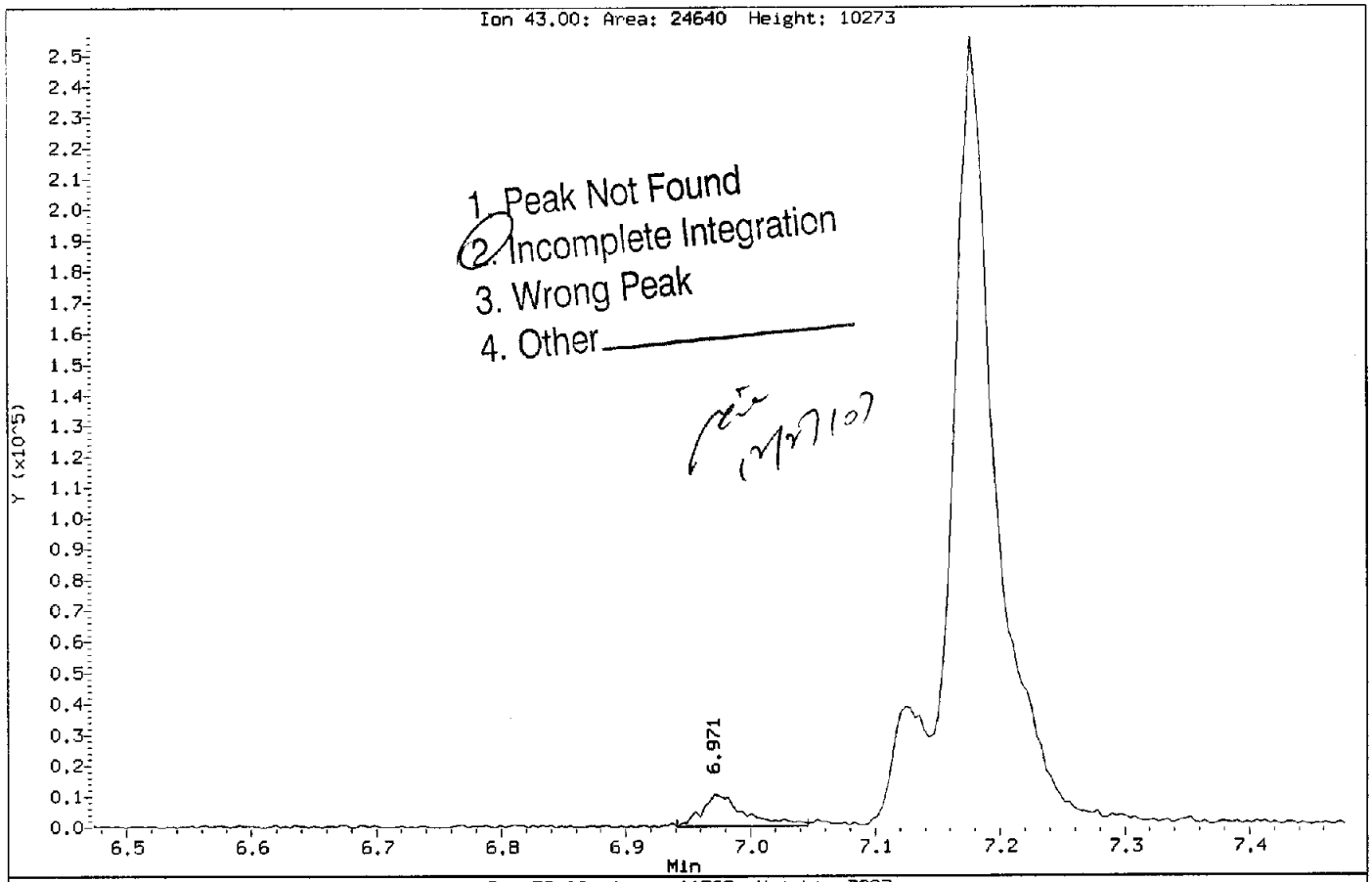
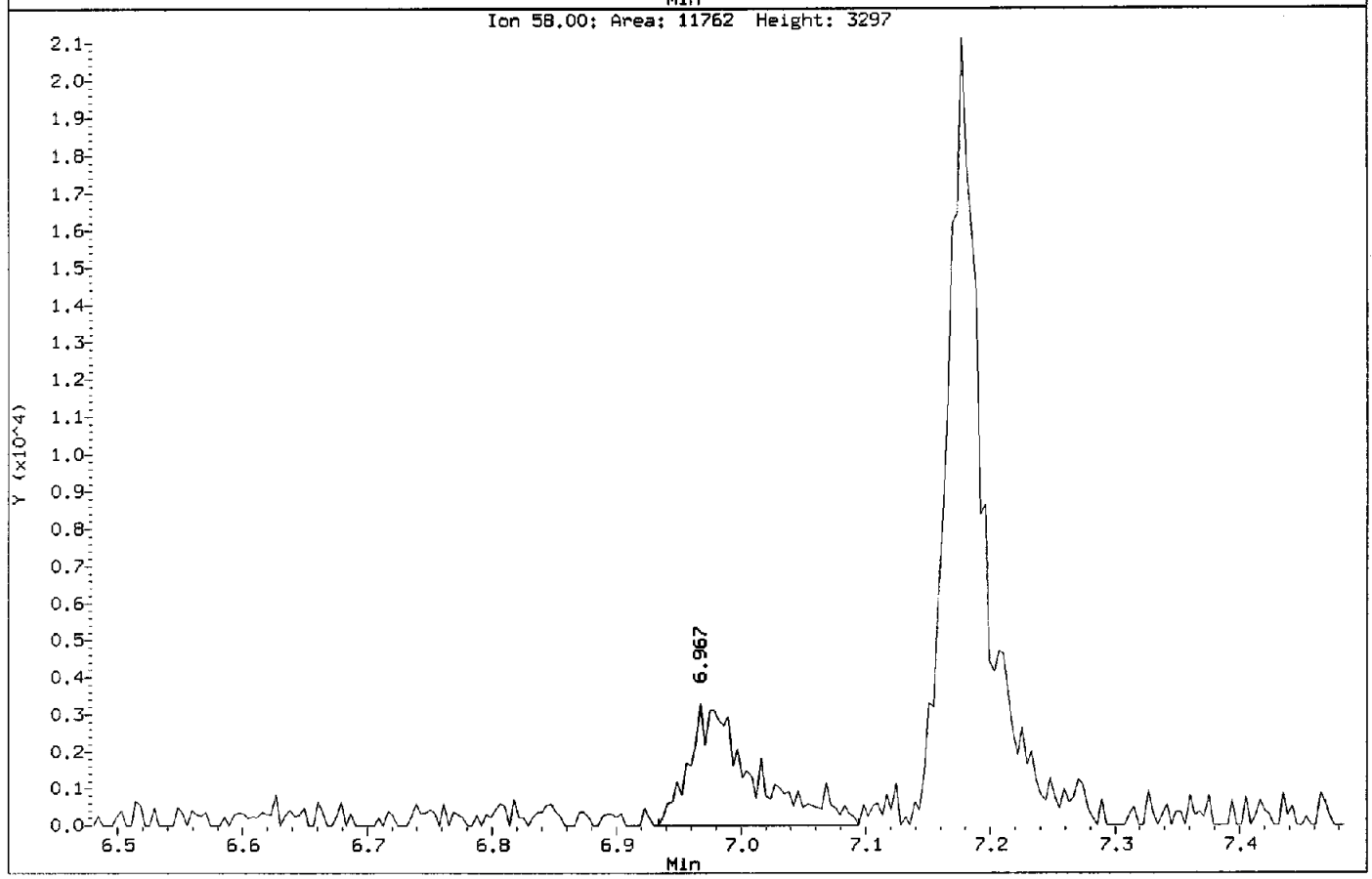
Sample Info: KETOC1AC
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7423B.D
Injection Date: 21-DEC-2007 13:49
Instrument: MSL.i
Client Sample ID: VLCSL355A

Compound: Acetone
CAS Number: 67-64-1





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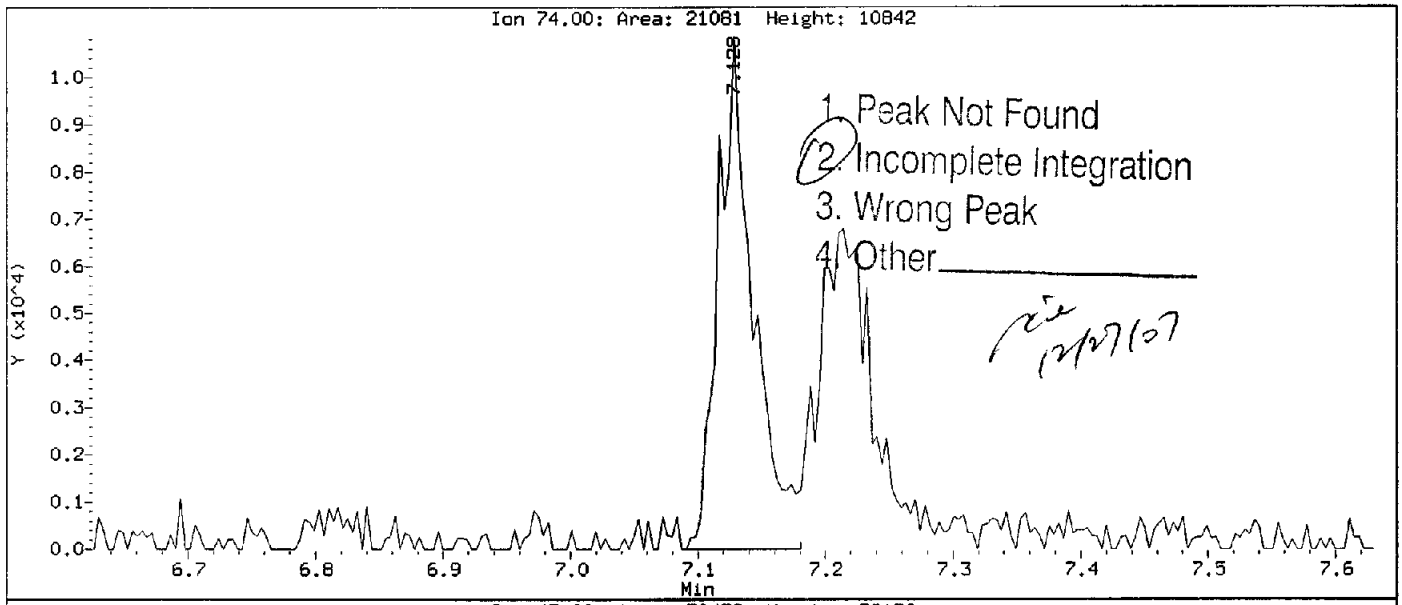
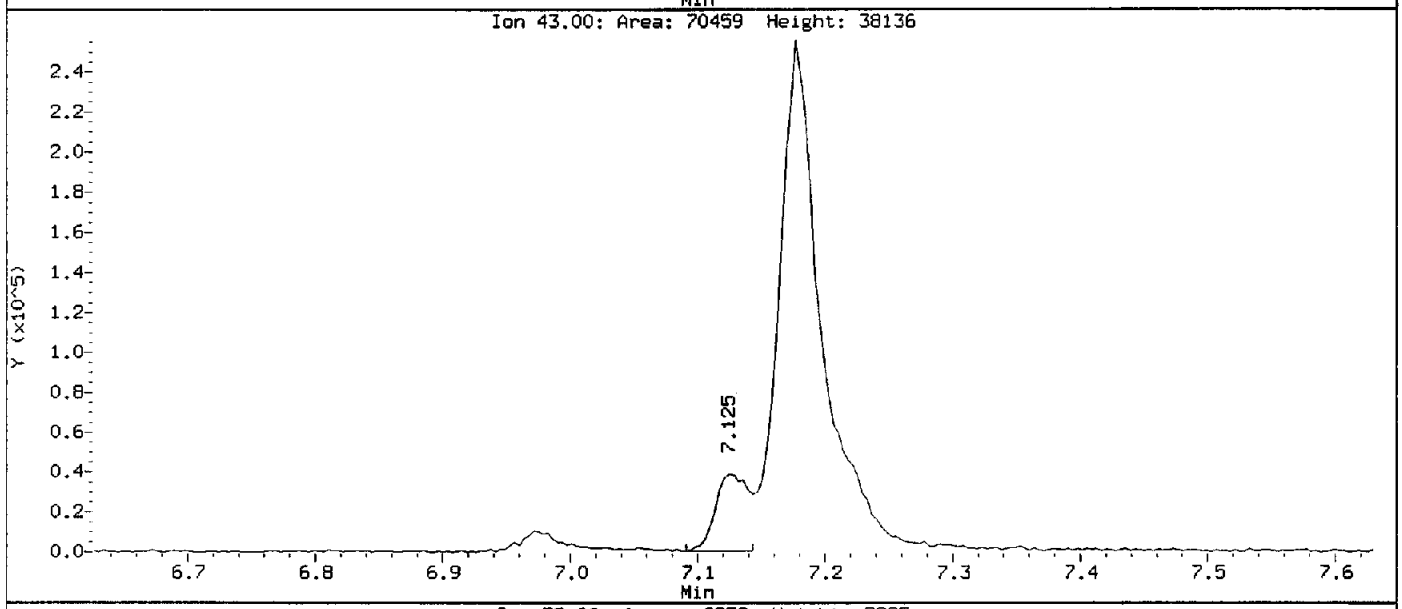
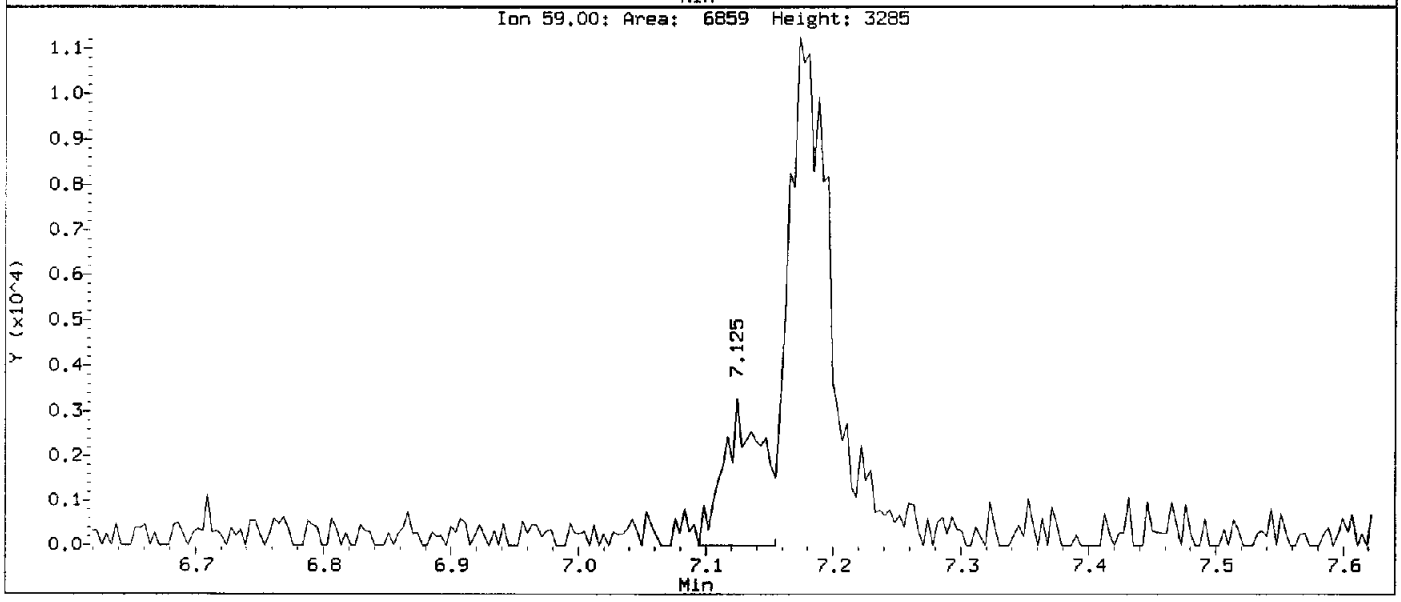
Injection Date: 21-DEC-2007 13:49
Instrument: MSL.i
Client Sample ID: VLCSL355A

Compound: Methyl Acetate
CAS Number:







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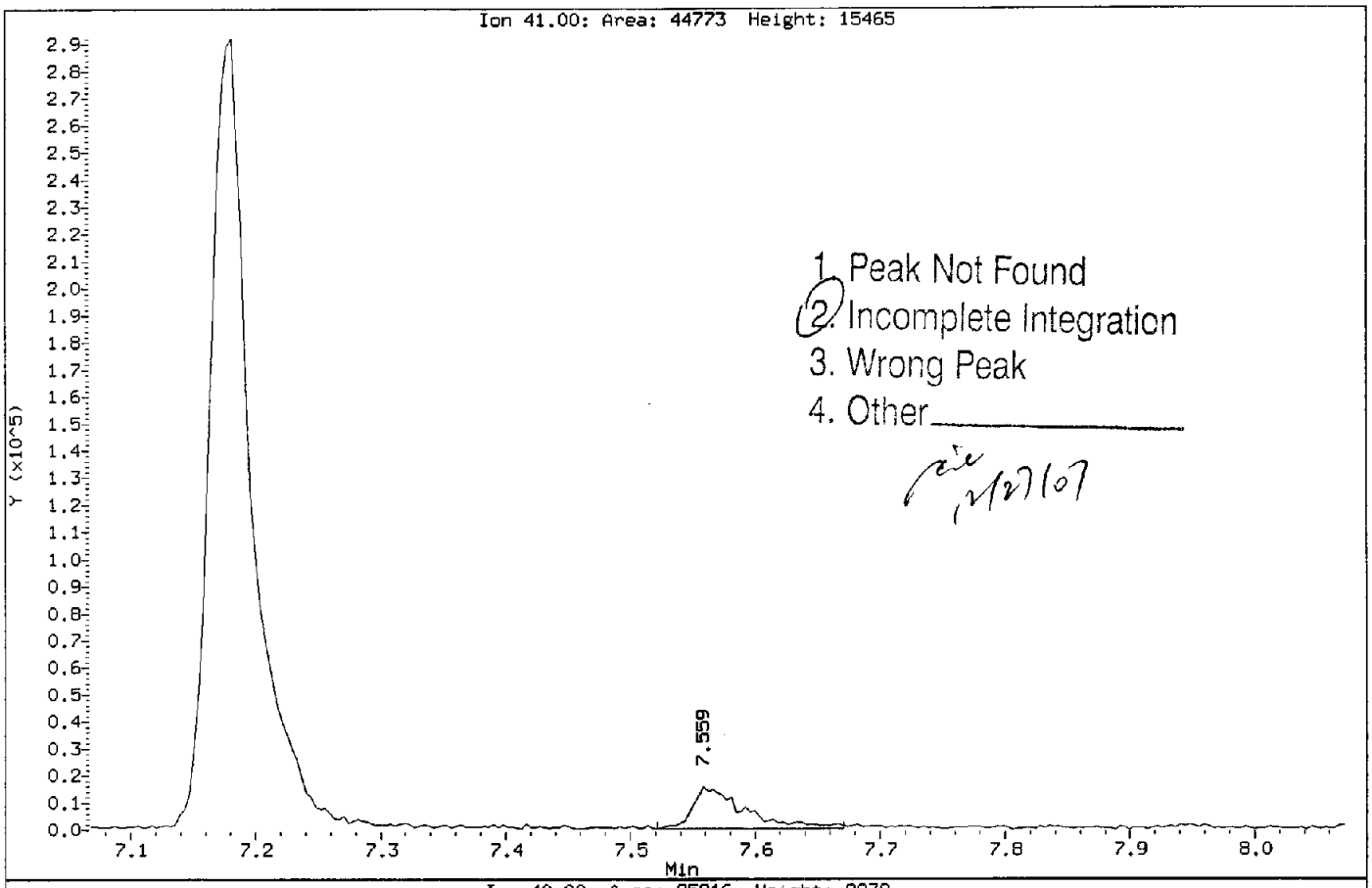
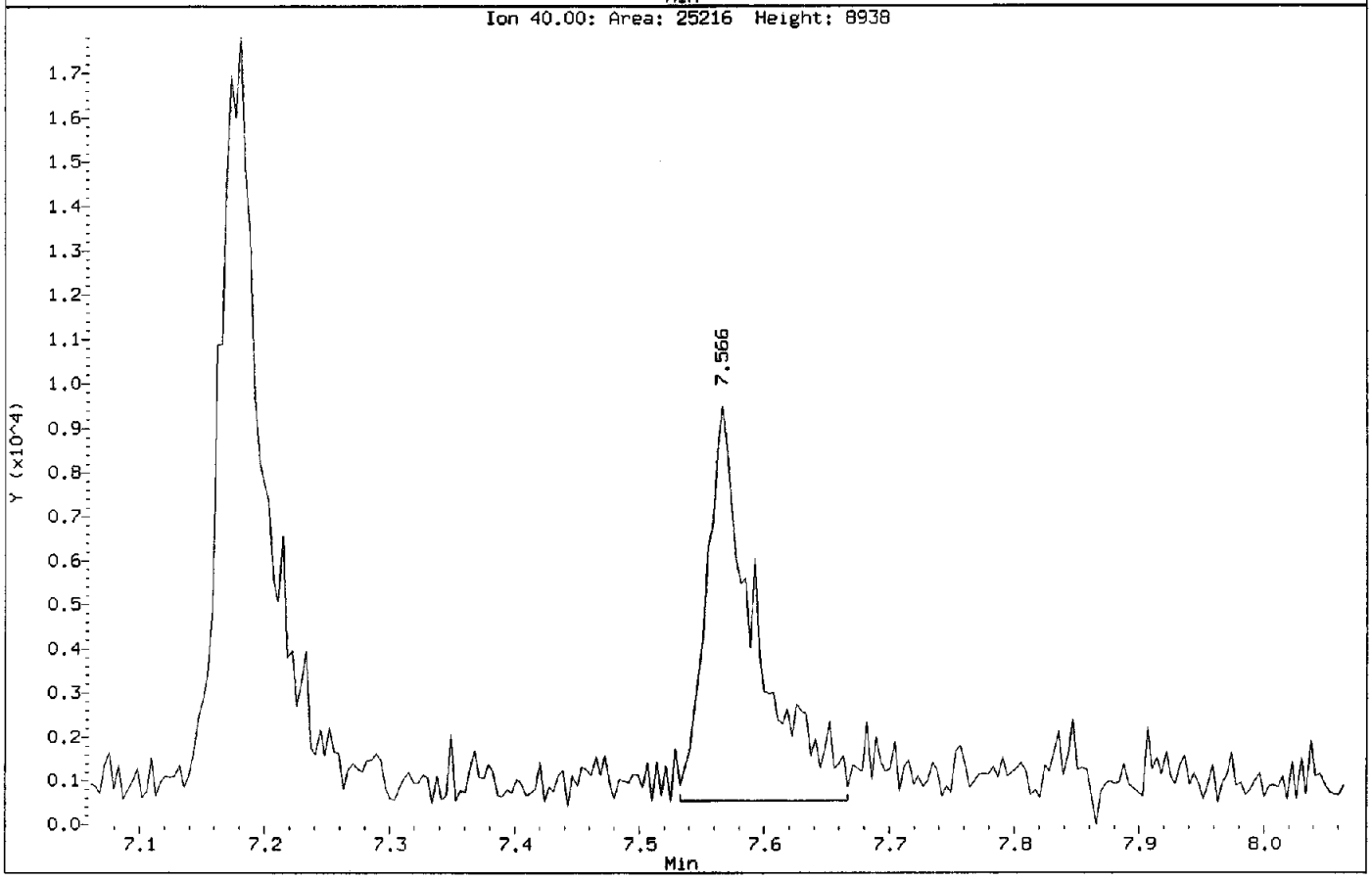
Injection Date: 21-DEC-2007 13:49
Instrument: MSL.i
Client Sample ID: VLCSL355A

Compound: Acetonitrile
CAS Number: 75-05-8





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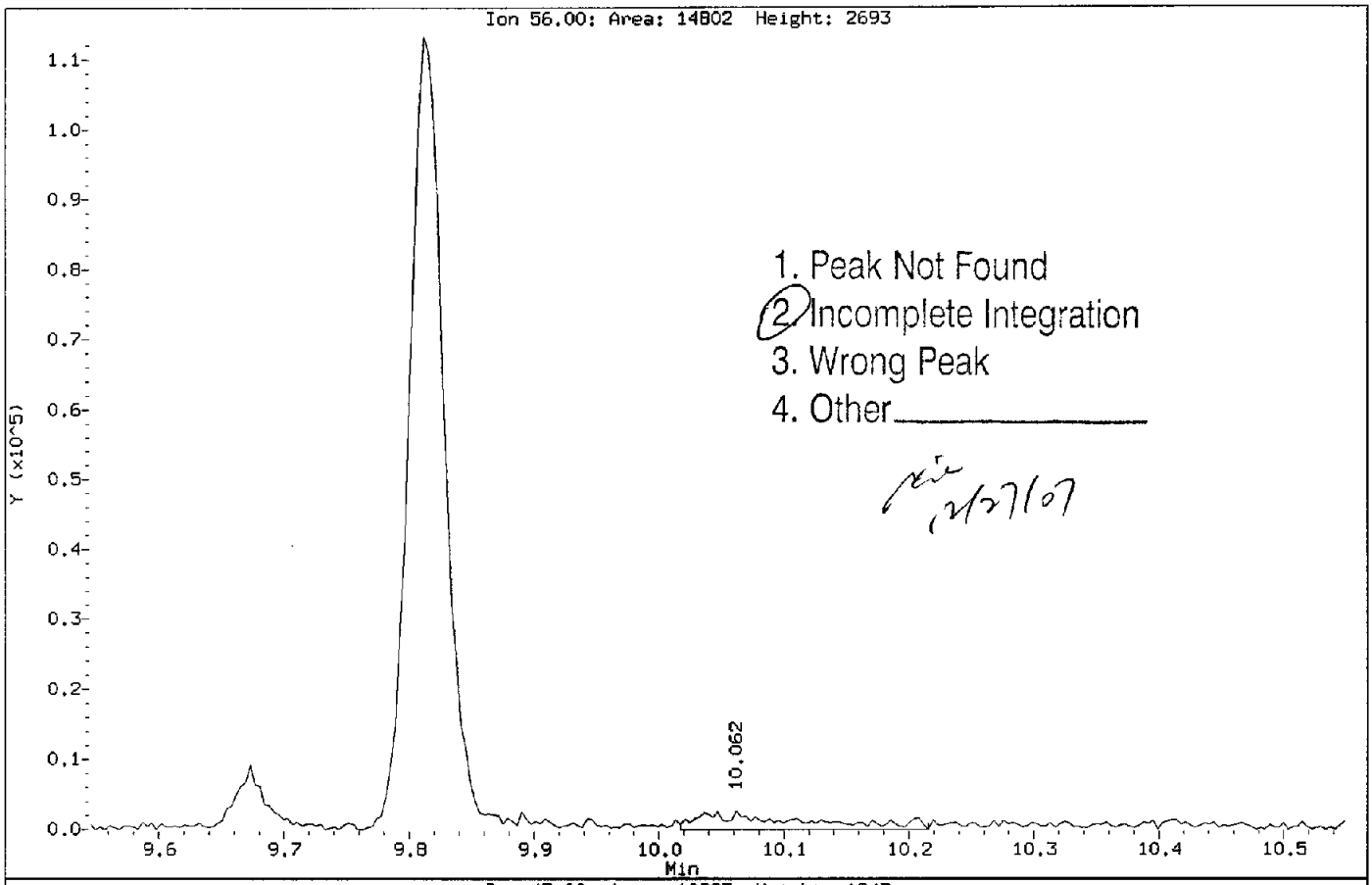
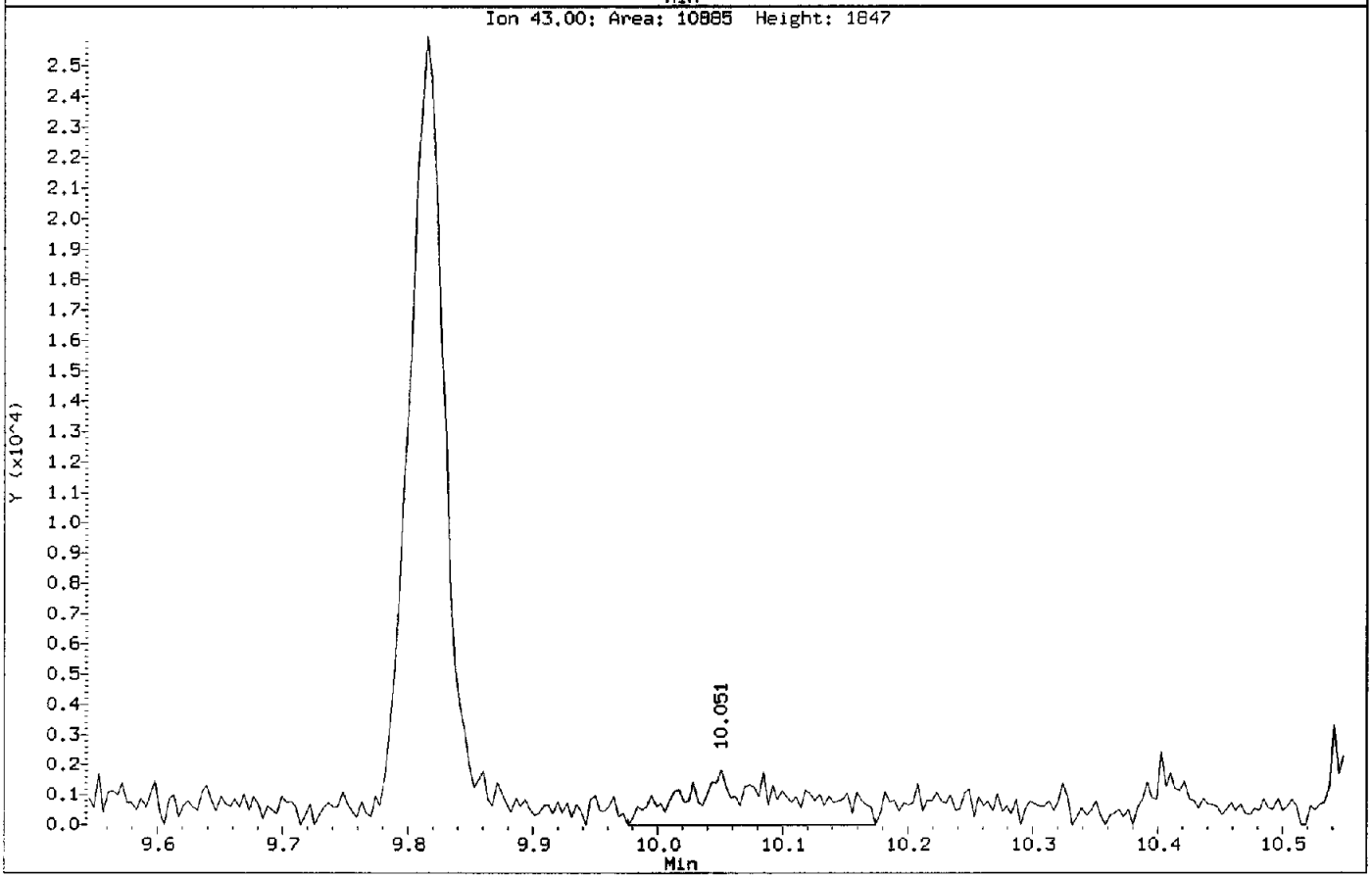
Injection Date: 21-DEC-2007 13:49
Instrument: MSL.i
Client Sample ID: VLCSL355A

Compound: n-Butanol
CAS Number: 71-36-3





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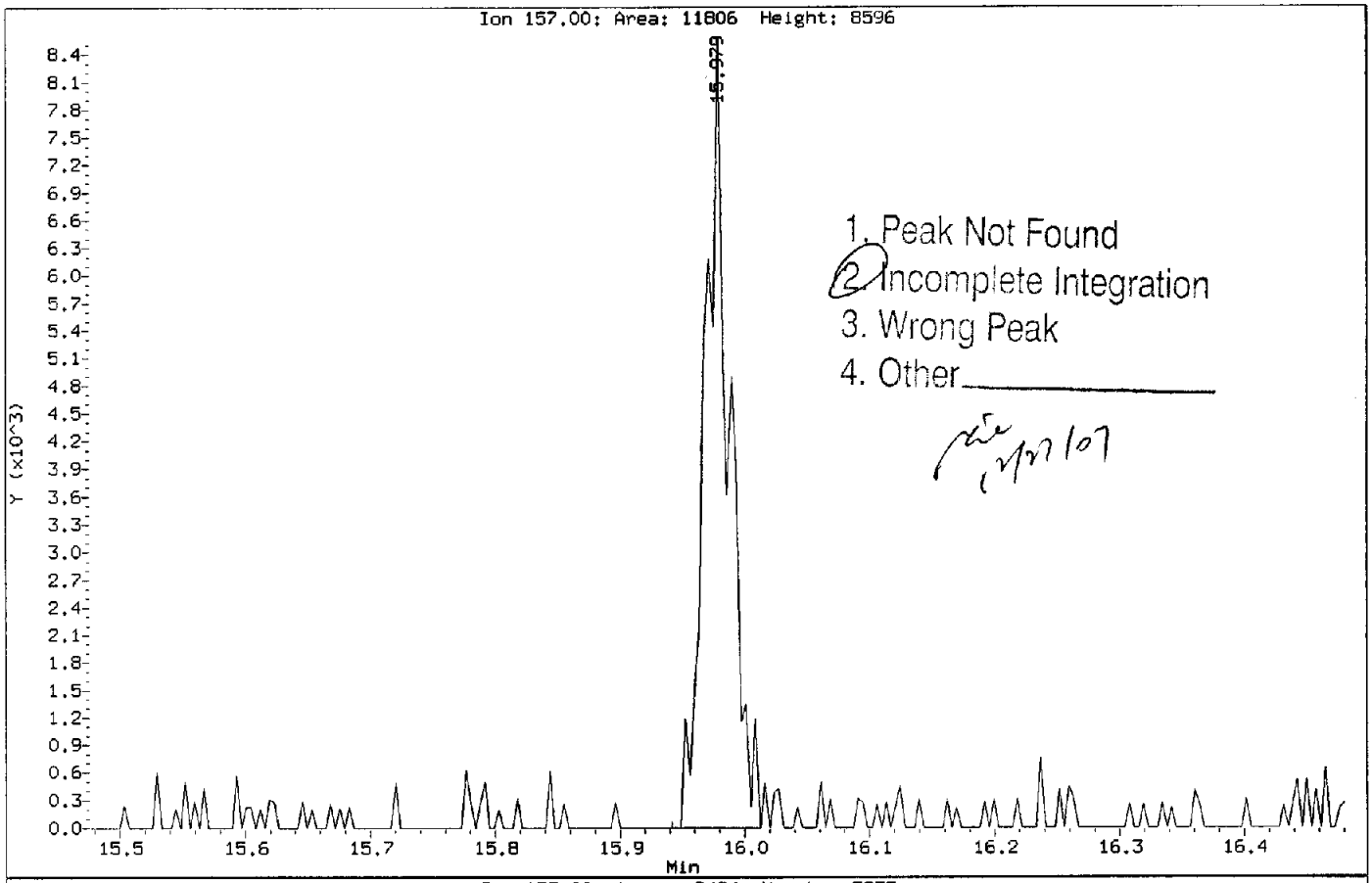
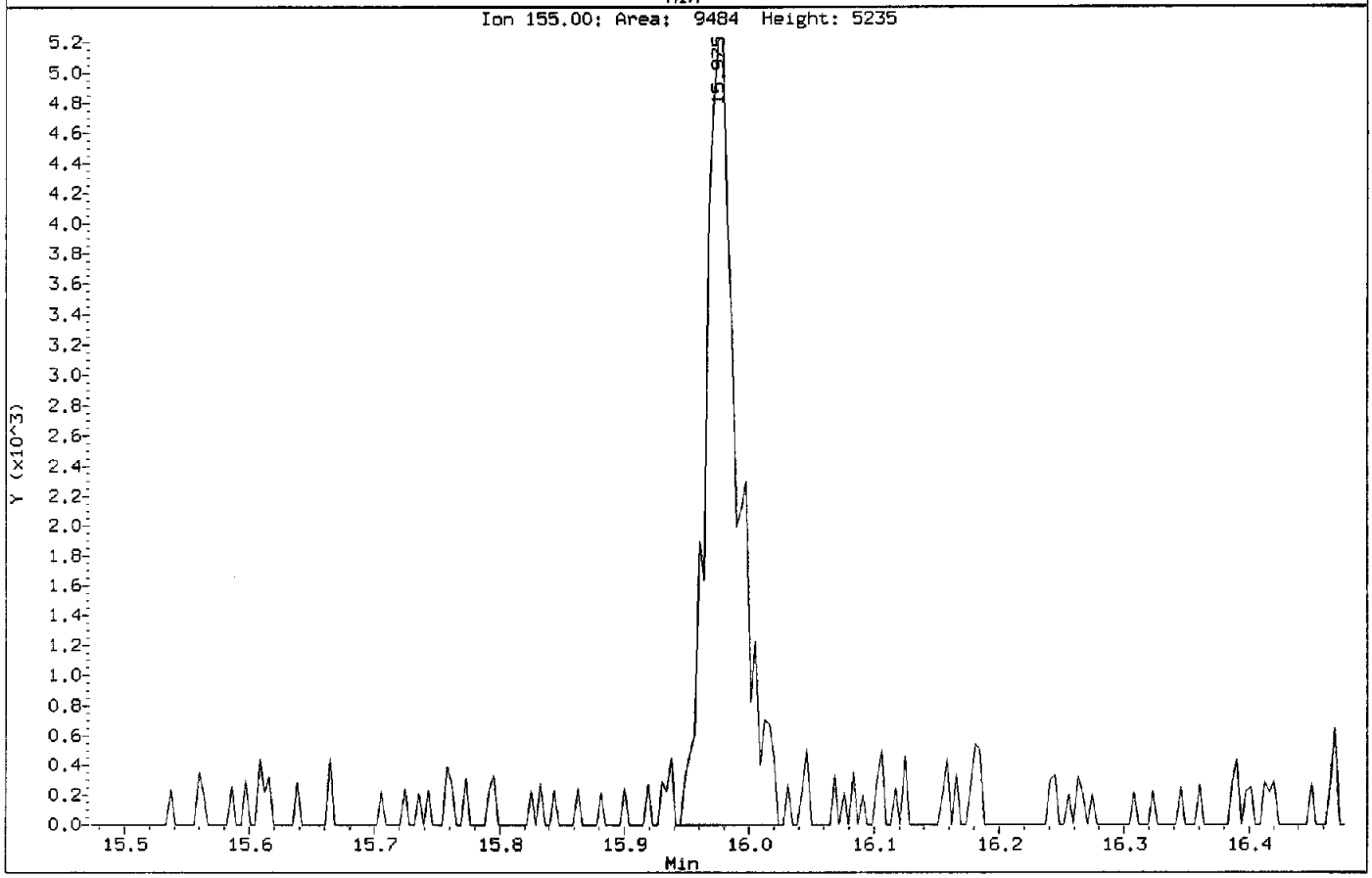
Injection Date: 21-DEC-2007 13:49
Instrument: MSL.i
Client Sample ID: VLCSL355A

Compound: 1,2-Dibromo-3-chloropropane
CAS Number: 96-12-8





Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7424B.D
Report Date: 27-Dec-2007 14:48

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7424B.D
Lab Smp Id: KET0C1AD Client Smp ID: VLCSL355B
Inj Date : 21-DEC-2007 14:15
Operator : XIA Inst ID: MSL.i
Smp Info : KET0C1AD
Misc Info : VBLKL355A;F7L240000-096L;7358096
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Meth Date : 27-Dec-2007 12:26 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.464	3.464	(0.358)	392516	8.14012	8.140
2	Freon-114	135	3.741	3.741	(0.387)	194059	17.1041	17.10(R)
3	Chloromethane	50	3.902	3.902	(0.404)	606136	6.91356	6.914
4	Vinyl Chloride	62	4.097	4.097	(0.424)	674516	9.08771	9.088
5	Bromomethane	94	4.804	4.800	(0.497)	628730	13.4752	13.48
6	Chloroethane	64	5.032	5.029	(0.520)	484087	10.7936	10.79
7	Trichlorofluoromethane	101	5.283	5.279	(0.546)	607637	9.26786	9.268
8	Diethyl ether	59	5.796	5.796	(0.599)	254008	20.0377	20.04
9	1,1-Dichloroethene	96	6.147	6.148	(0.636)	364663	10.1476	10.15
10	1,1,2-Trichlorofluoroethane	101	6.133	6.136	(0.634)	376456	10.3672	10.37
11	Carbon Disulfide	76	6.312	6.308	(0.653)	1217551	10.3106	10.31
12	Iodomethane	142	6.436	6.436	(0.666)	225794	17.9955	18.00(R)
13	Acrolein	56	6.634	6.615	(0.686)	30085	47.4499	47.45(M)
14	Allyl chloride	39	6.810	6.814	(0.704)	444739	10.9515	10.95
15	Methylene Chloride	84	6.967	6.963	(0.721)	357304	10.6601	10.66
16	Acetone	43	6.978	6.975	(0.722)	24548	7.48332	7.483
17	trans-1,2-Dichloroethene	96	7.177	7.177	(0.742)	422305	9.77319	9.773
18	n-Hexane	57	7.180	7.177	(0.743)	854535	11.2024	11.20
19	Methyl Acetate	74	7.128	7.128	(0.737)	17764	5.51627	5.516(R)
20	MTBE	73	7.214	7.214	(0.746)	400872	10.2606	10.26
M 21	1,2-Dichloroethene (total)	96				787364	19.5923	19.59
22	Acetonitrile	41	7.573	7.570	(0.783)	38170	41.4541	41.45(M)

12/27/07

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7424B.D
Report Date: 27-Dec-2007 14:48

			QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23	Acrylonitrile	53	7.914	7.910	(0.818)	165847	49.9137	49.91
	24	1,1-Dichloroethane	63	7.876	7.873	(0.815)	766003	10.0628	10.06
	25	2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	624492	10.1866	10.19
	26	Vinyl acetate	43	8.086	8.082	(0.836)	218681	11.3497	11.35
	27	cis-1,2-Dichloroethene	96	8.456	8.460	(0.875)	365059	9.81915	9.819
	28	2,2-Dichloropropane	77	8.539	8.535	(0.883)	625019	9.84757	9.848
	29	Bromochloromethane	128	8.703	8.703	(0.900)	88699	10.2783	10.28
	30	Cyclohexane	84	8.666	8.666	(0.896)	704163	10.5440	10.54
	31	Chloroform	83	8.711	8.707	(0.901)	602604	9.66646	9.666
	32	Ethyl acetate	43	8.752	8.752	(0.905)	80476	44.5737	44.57(R)
	33	Carbon Tetrachloride	117	8.902	8.894	(0.921)	538995	10.5806	10.58
	34	Isobutanol	42	8.898	8.898	(0.920)	108089	186.217	186.2
	35	Tetrahydrofuran	71	8.902	8.902	(0.921)	43658	50.3790	50.38
$	36	Dibromofluoromethane	113	8.909	8.906	(0.921)	233926	10.4765	10.48
	37	1,1,1-Trichloroethane	97	8.935	8.936	(0.924)	619189	10.1033	10.10
	38	2-Butanone	43	8.965	8.958	(0.927)	29554	9.80413	9.804
	39	1,1-Dichloropropene	75	9.051	9.048	(0.936)	605320	10.1902	10.19
	40	Benzene	78	9.313	9.313	(0.963)	1672969	9.60111	9.601
	41	Propionitrile	54	9.272	9.276	(0.959)	51654	48.6747	48.67
	42	Methacrylonitrile	41	9.287	9.284	(0.961)	305915	63.0850	63.08(R)
$	43	1,2-Dichloroethane-d4	65	9.444	9.444	(0.977)	174144	9.91764	9.918
	44	1,2-Dichloroethane	62	9.512	9.512	(0.984)	225489	9.63773	9.638
*	45	Fluorobenzene	96	9.669	9.673	(1.000)	1506099	10.0000	
	46	n-Butanol	56	10.036	10.047	(1.038)	13701	112.067	112.1(M)
	47	Methylcyclohexane	55	9.815	9.815	(1.015)	656347	10.3798	10.38
	48	Trichloroethene	130	9.852	9.852	(1.019)	424563	10.0600	10.06
	49	Dibromomethane	93	10.313	10.313	(1.067)	74377	9.86697	9.867
	50	1,2-Dichloropropane	63	10.328	10.324	(1.068)	324036	9.81279	9.813
	51	Bromodichloromethane	83	10.391	10.388	(1.075)	323963	10.2234	10.22
M	52	Xylenes (total)	106				2252001	29.6449	29.64
	53	Methyl methacrylate	69	10.406	10.406	(1.076)	59668	9.61185	9.612
	54	1,4-Dioxane	88	10.560	10.563	(1.092)	24534	145.343	145.3(RM)
	55	2-chloroethyl vinyl ether	63	10.803	10.807	(1.117)	34589	8.46832	8.468(M)
	56	cis-1,3-Dichloropropene	75	10.930	10.926	(1.130)	339302	10.3694	10.37
$	57	Toluene-d8	98	11.083	11.084	(0.885)	1381426	10.7223	10.72
	58	Toluene	91	11.136	11.136	(0.889)	1799626	9.96487	9.965
	59	2-Nitro-Propane	43	11.308	11.308	(0.903)	44550	9.20927	9.209
	60	4-Methyl-2-pentanone	43	11.364	11.364	(0.907)	77587	10.1234	10.12
	61	trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	226579	10.5389	10.54
	62	Tetrachloroethene	164	11.521	11.521	(0.920)	308160	10.2399	10.24
	63	Ethyl methacrylate	69	11.506	11.506	(0.918)	135645	8.99945	8.999
	64	1,1,2-Trichloroethane	97	11.660	11.660	(0.931)	125040	9.37825	9.378
	65	Chlorodibromomethane	129	11.896	11.892	(0.950)	135844	10.5995	10.60
	66	1,3-Dichloropropane	76	11.911	11.911	(0.951)	249624	10.1673	10.17
	67	1,2-Dibromoethane	107	12.150	12.154	(0.970)	98766	10.4192	10.42
	68	2-Hexanone	43	12.116	12.120	(0.967)	36726	8.22650	8.226
	69	Ethylbenzene	106	12.498	12.498	(0.998)	651021	10.0395	10.04
*	70	Chlorobenzene-d5	117	12.528	12.528	(1.000)	861689	10.0000	
	71	Chlorobenzene	112	12.550	12.547	(1.002)	904600	9.78817	9.788
	72	1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	241876	9.77348	9.773
	73	m,p-Xylenes	106	12.614	12.614	(1.007)	1606148	19.6244	19.62
	74	o-Xylene	106	13.033	13.033	(1.040)	645853	10.0205	10.02
	75	Styrene	104	13.089	13.089	(1.045)	886041	9.40949	9.409
	76	Bromoform	173	13.258	13.258	(0.900)	56644	10.6327	10.63

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7424B.D
Report Date: 27-Dec-2007 14:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1768797	9.45716	9.457
$ 78	4-Bromofluorobenzene	95	13.647	13.647	(0.927)	306949	9.43189	9.432
79	n-Propylbenzene	91	13.681	13.681	(0.929)	2516517	9.66135	9.661
80	Bromobenzene	156	13.793	13.793	(0.937)	254147	9.59767	9.598
81	1,1,2,2-Tetrachloroethane	83	13.759	13.767	(0.934)	121474	9.03248	9.032
82	1,3,5-Trimethylbenzene	105	13.830	13.834	(0.939)	1531901	9.67035	9.670
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	1185212	9.53398	9.534
84	1,2,3-Trichloropropane	110	13.931	13.935	(0.946)	31757	9.13583	9.136
85	trans-1,4-dichloro-2-butene	53	13.935	13.935	(0.946)	29844	9.44523	9.445
86	4-Chlorotoluene	91	14.051	14.051	(0.954)	1110503	9.56222	9.562
87	Cyclohexanone	55	14.010	14.010	(0.951)	27553	71.8360	71.84
88	t-Butylbenzene	119	14.160	14.160	(0.962)	1382253	9.76411	9.764
89	Pentachloroethane	167	14.276	14.276	(0.970)	134687	10.3131	10.31
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1472563	9.58778	9.588
91	sec-Butylbenzene	105	14.332	14.332	(0.973)	2229564	9.59596	9.596
92	4-Isopropyltoluene	119	14.437	14.440	(0.980)	1733724	9.82958	9.830
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	576248	9.44946	9.449
* 94	1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	331180	10.0000	
95	1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	548875	9.12727	9.127
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1836412	9.77867	9.779
98	1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	431834	9.57166	9.572
99	1,2-Dibromo-3-chloropropane	157	15.978	15.978	(1.085)	12830	8.94379	8.944 (M)
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	178635	10.0697	10.07
101	1,2,4-Trichlorobenzene	180	16.678	16.682	(1.133)	204484	10.0467	10.05
102	Naphthalene	128	17.075	17.079	(1.160)	217760	9.27064	9.271
103	1,2,3-Trichlorobenzene	180	17.296	17.292	(1.175)	110999	9.74286	9.743
143	Nonanal	57	15.754	15.750	(1.629)	31949	3.79213	3.792

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7424B.D
Report Date: 27-Dec-2007 14:48

STL St. Louis

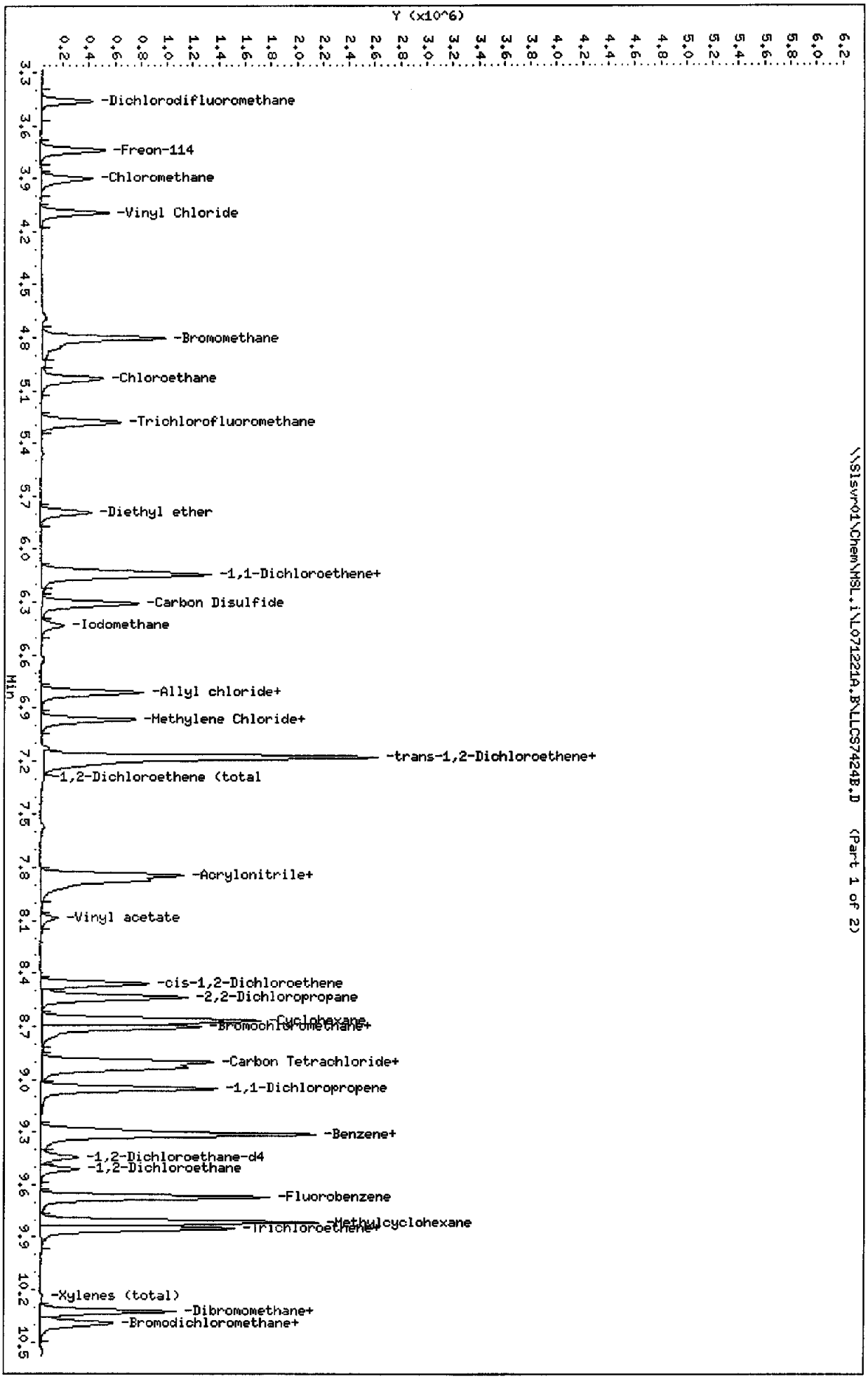
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LLCS7424B.D
Lab Smp Id: KET0C1AD
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 21-DEC-2007
Calibration Time: 13:05
Client Smp ID: VLCSL355B
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Misc Info: VBLKL355A;F7L240000-096L;7358096

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1399217	699609	2798434	1506099	7.64
70 Chlorobenzene-d5	802936	401468	1605872	861689	7.32
94 1,4 Dichlorobenze	308619	154310	617238	331180	7.31

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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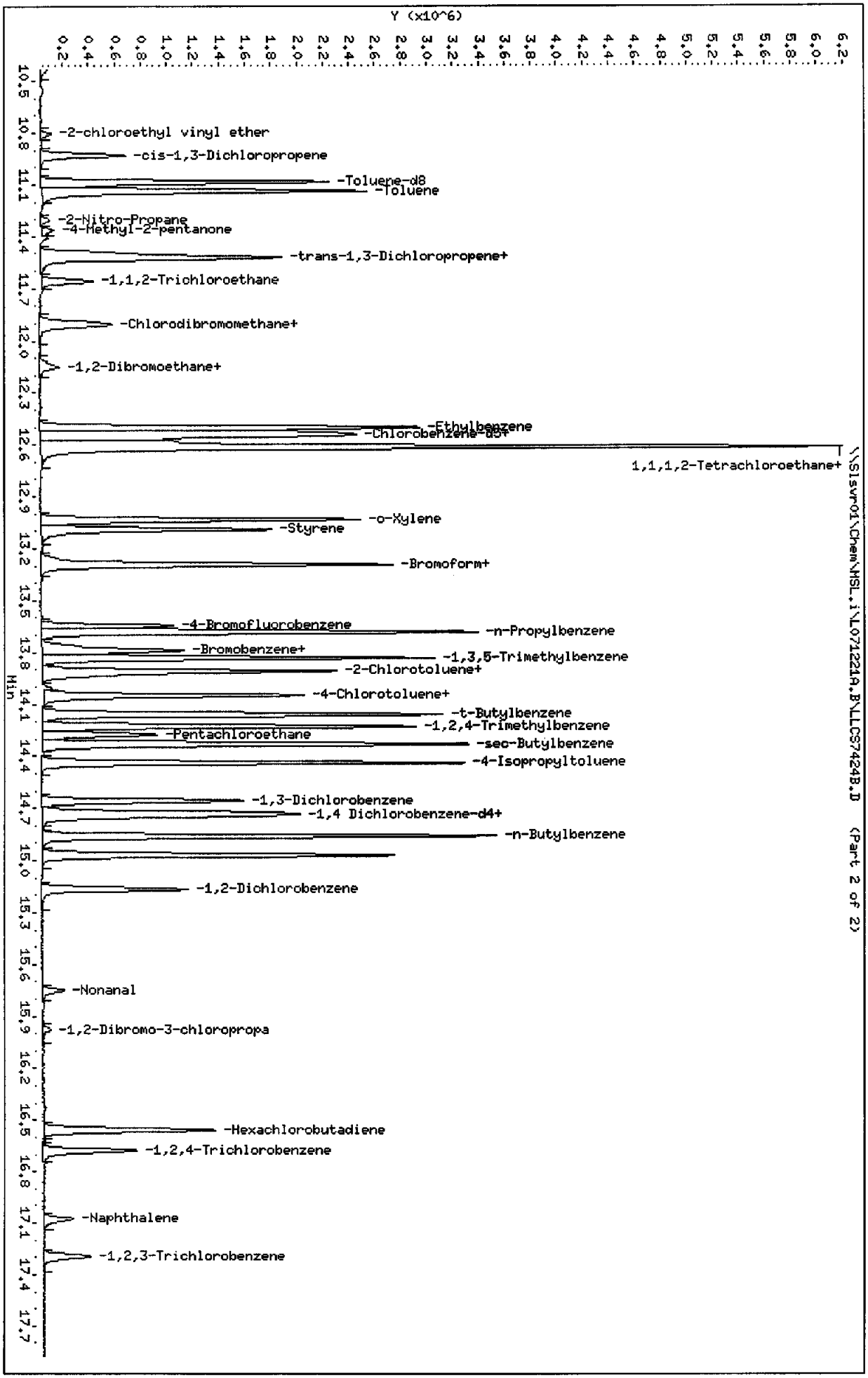
Date : 21-DEC-2007 14:15
Client ID: VLCSL355B
Sample Info: KETOC1AD
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
\\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7424B.D (Part 1 of 2)
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Allyl chloride+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
1,2-Dichloroethene (total
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+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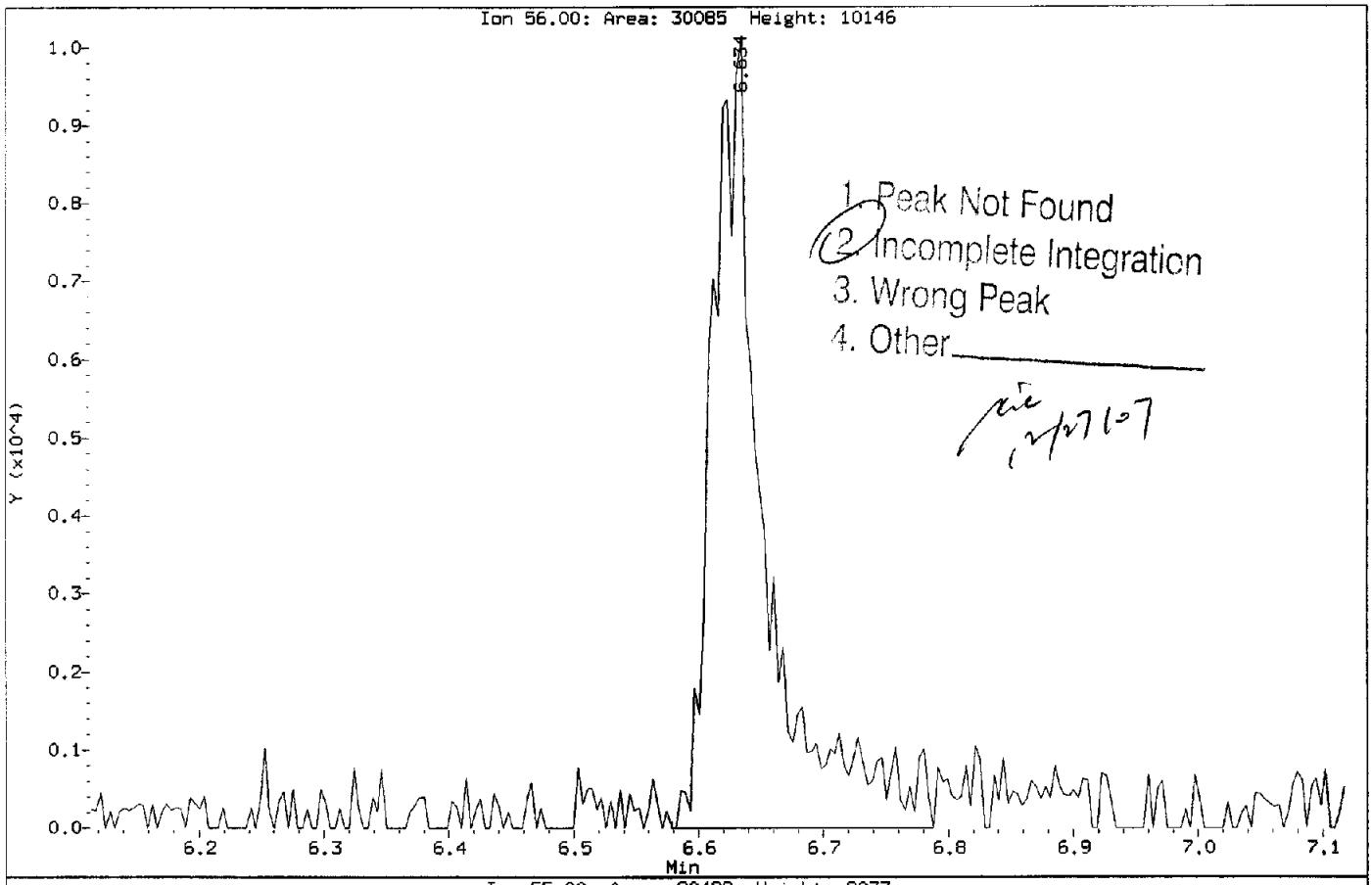
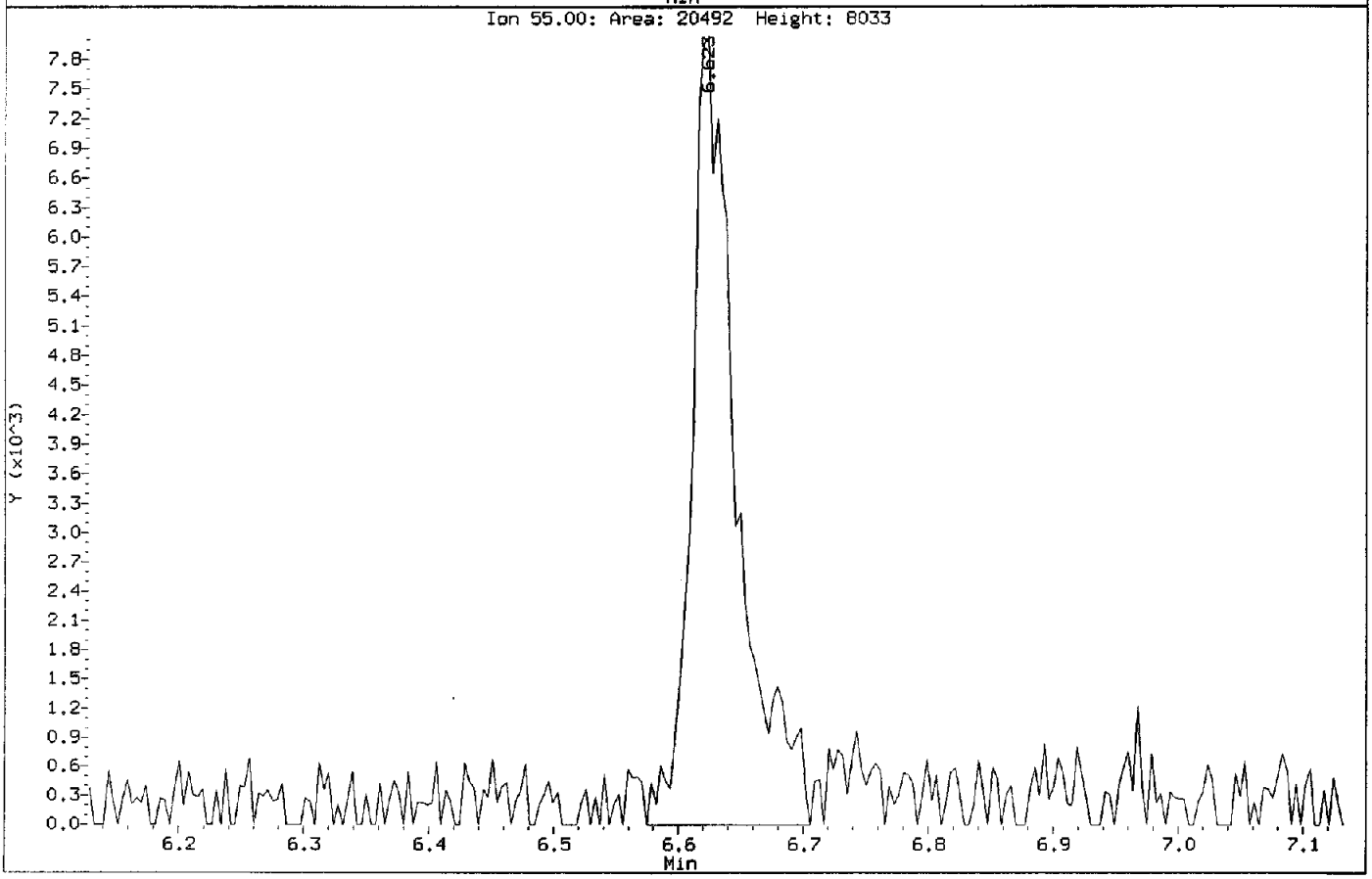
Date : 21-DEC-2007 14:15
Client ID: VLCSL355B
Sample Info: KETOC1AD
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7424B.D (Part 2 of 2)
Y (x10^6)
Min
-2-chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-Toluene-d8
-Toluene
-2-Nitro-Propane
-4-Methyl-2-pentanone
-trans-1,3-Dichloropropene+
-1,1,2-Trichloroethane
-Chlorodibromomethane+
-1,2-Dibromoethane+
-Ethylbenzene
-Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
-o-Xylene
-Styrene
-Bromoform+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-4-Chlorotoluene+
-t-Butylbenzene
-1,2,4-Trimethylbenzene
-Pentachloroethane
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene
-Nonanal
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LLCS7424B.D
Injection Date: 21-DEC-2007 14:15
Instrument: MSL.i
Client Sample ID: VLCSL355B

Compound: Acrolein
CAS Number: 107-02-8





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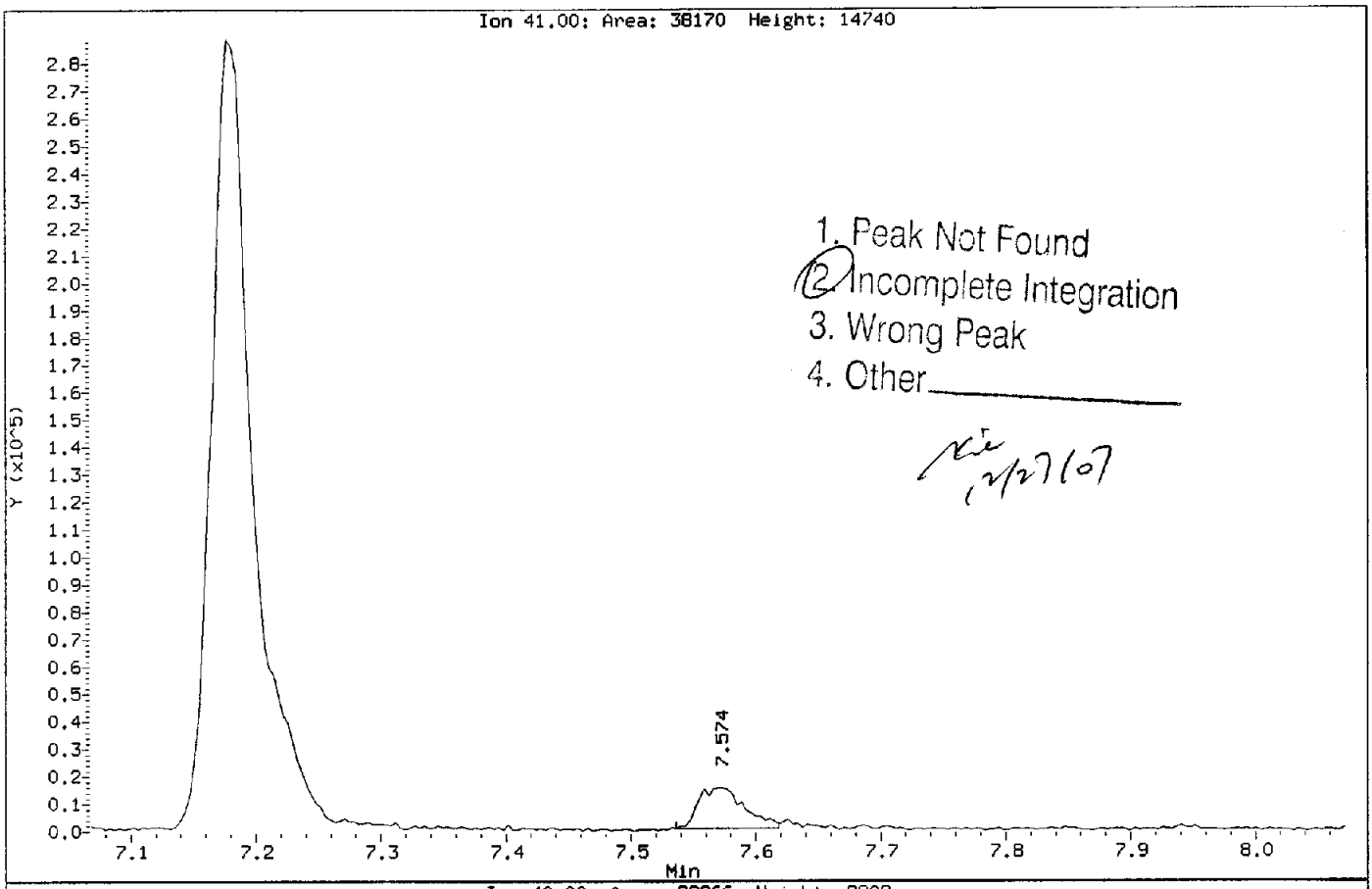
Injection Date: 21-DEC-2007 14:15
Instrument: MSL.i
Client Sample ID: VLCSL355B

Compound: Acetonitrile
CAS Number: 75-05-8



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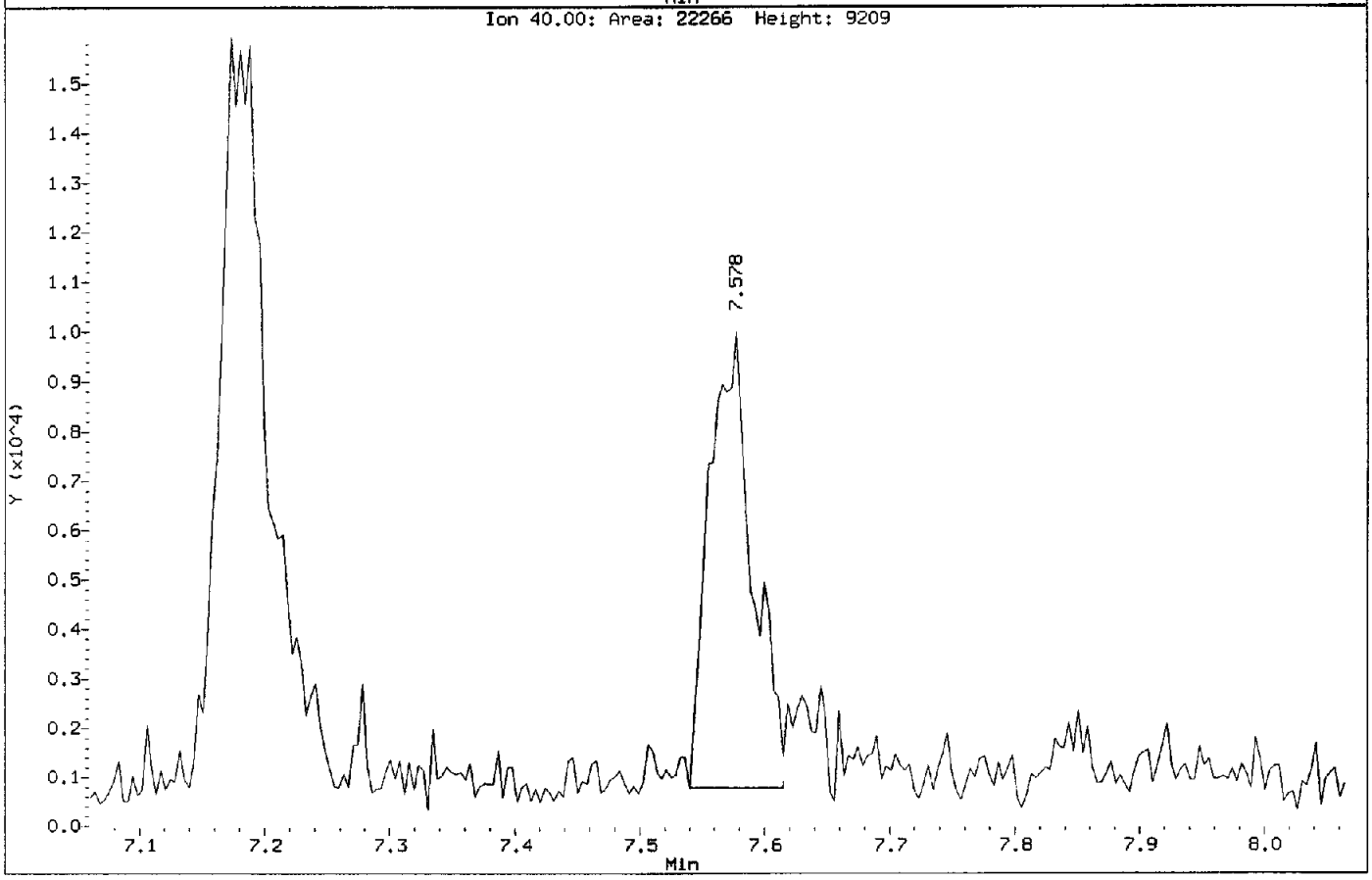
2. Incomplete Integration
3. Wrong Peak
4. Other_____

12/27/07



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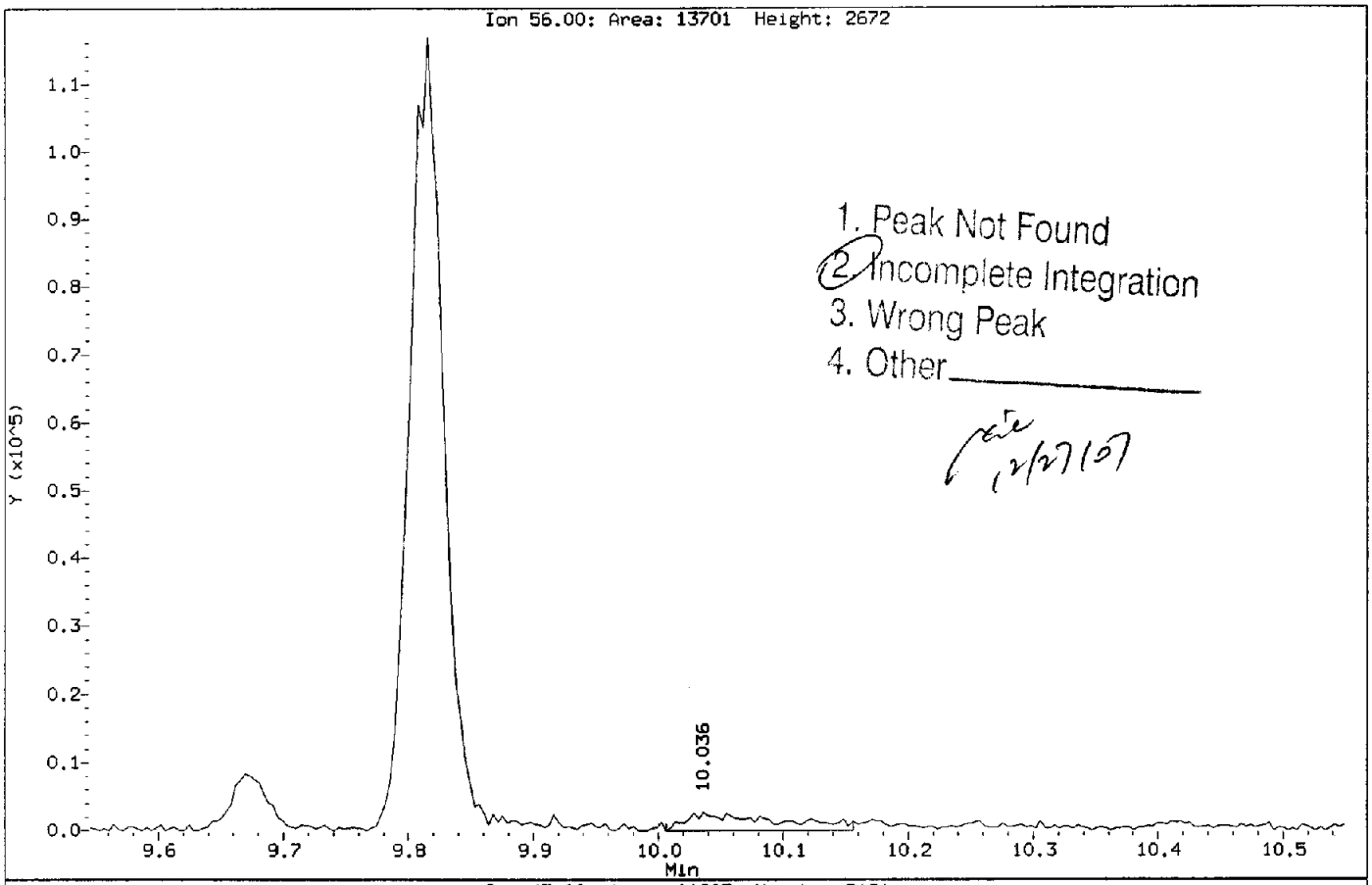
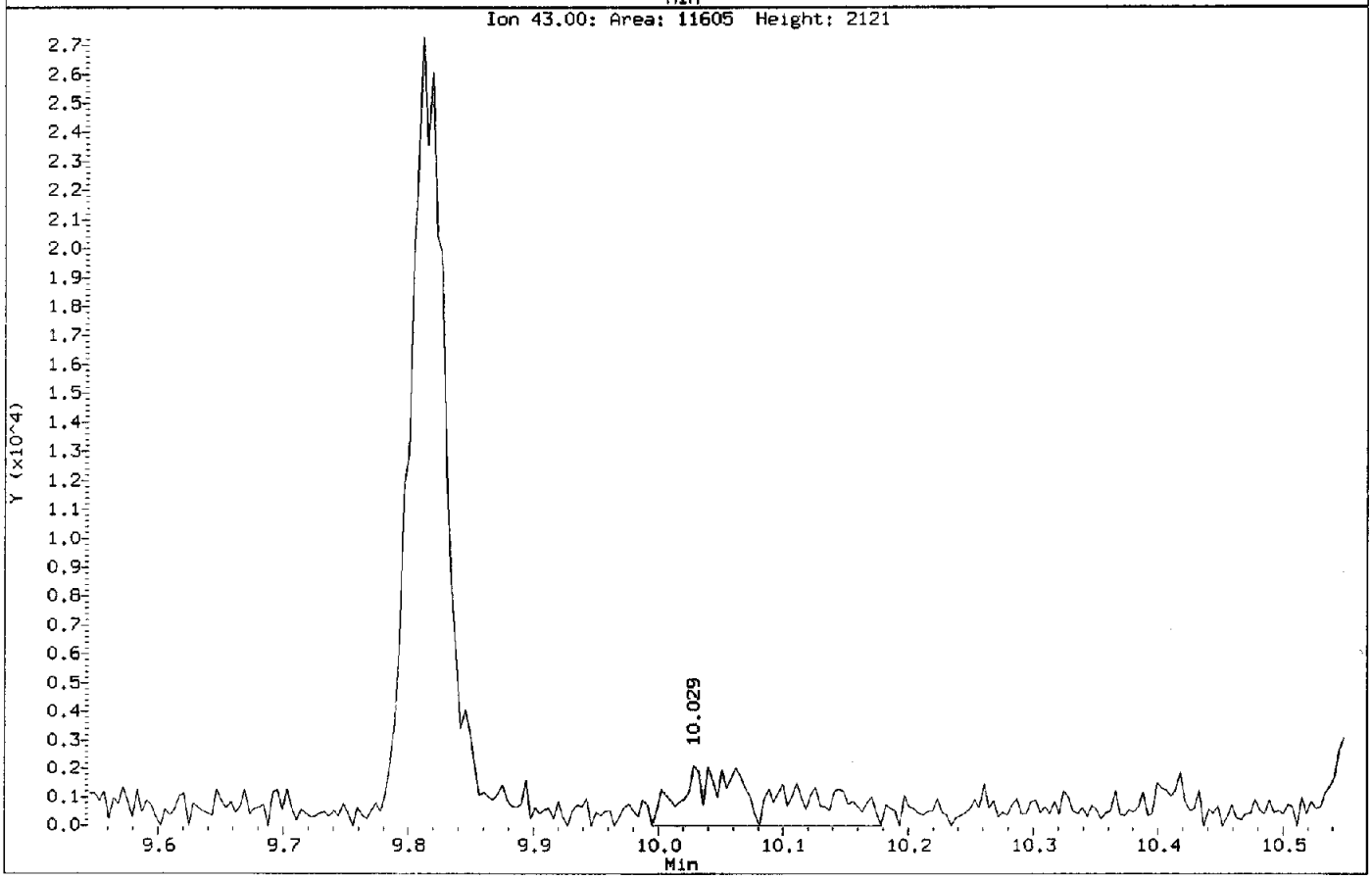
Injection Date: 21-DEC-2007 14:15
Instrument: MSL.i
Client Sample ID: VLCSL355B

Compound: n-Butanol
CAS Number: 71-36-3





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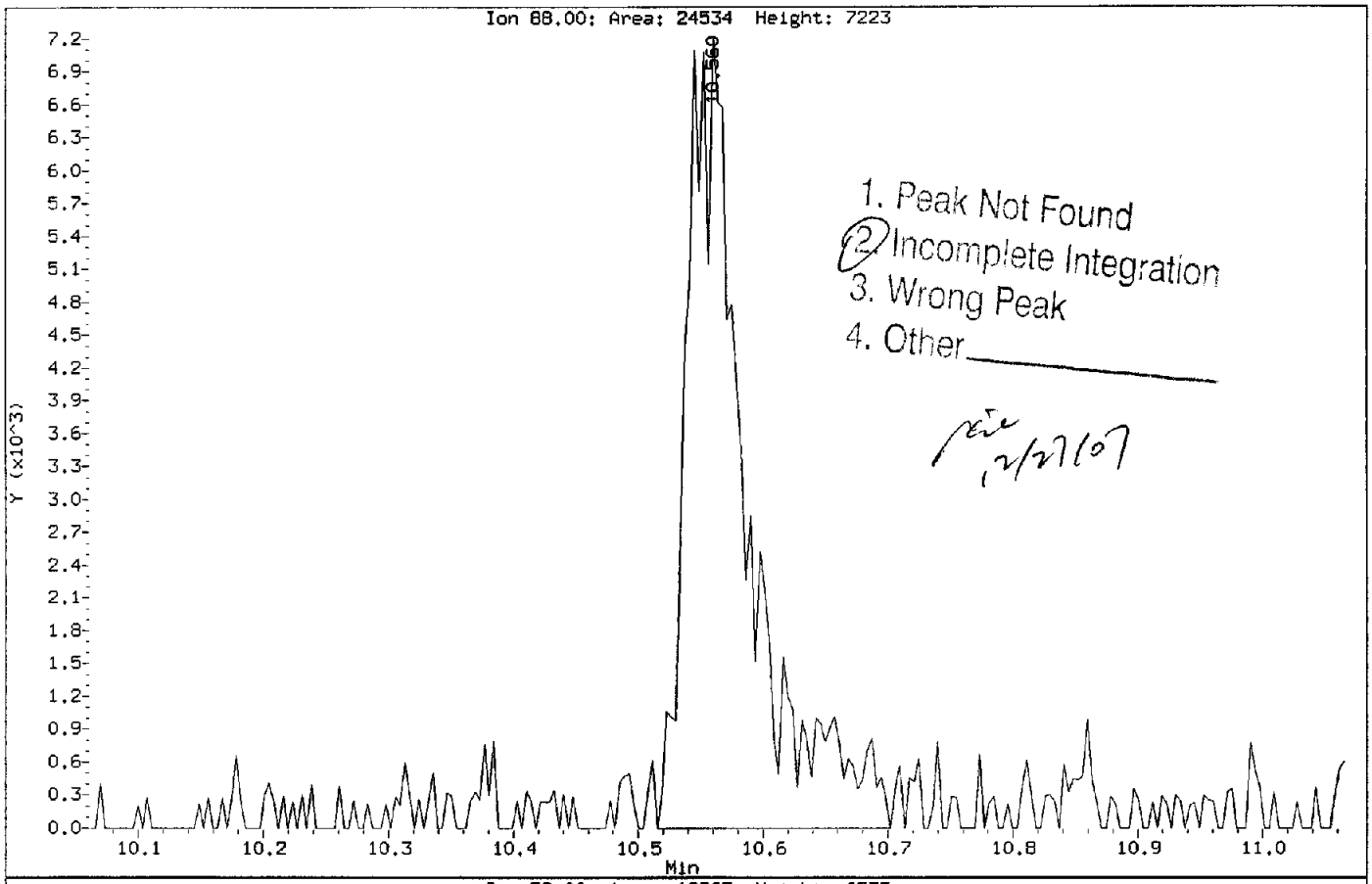
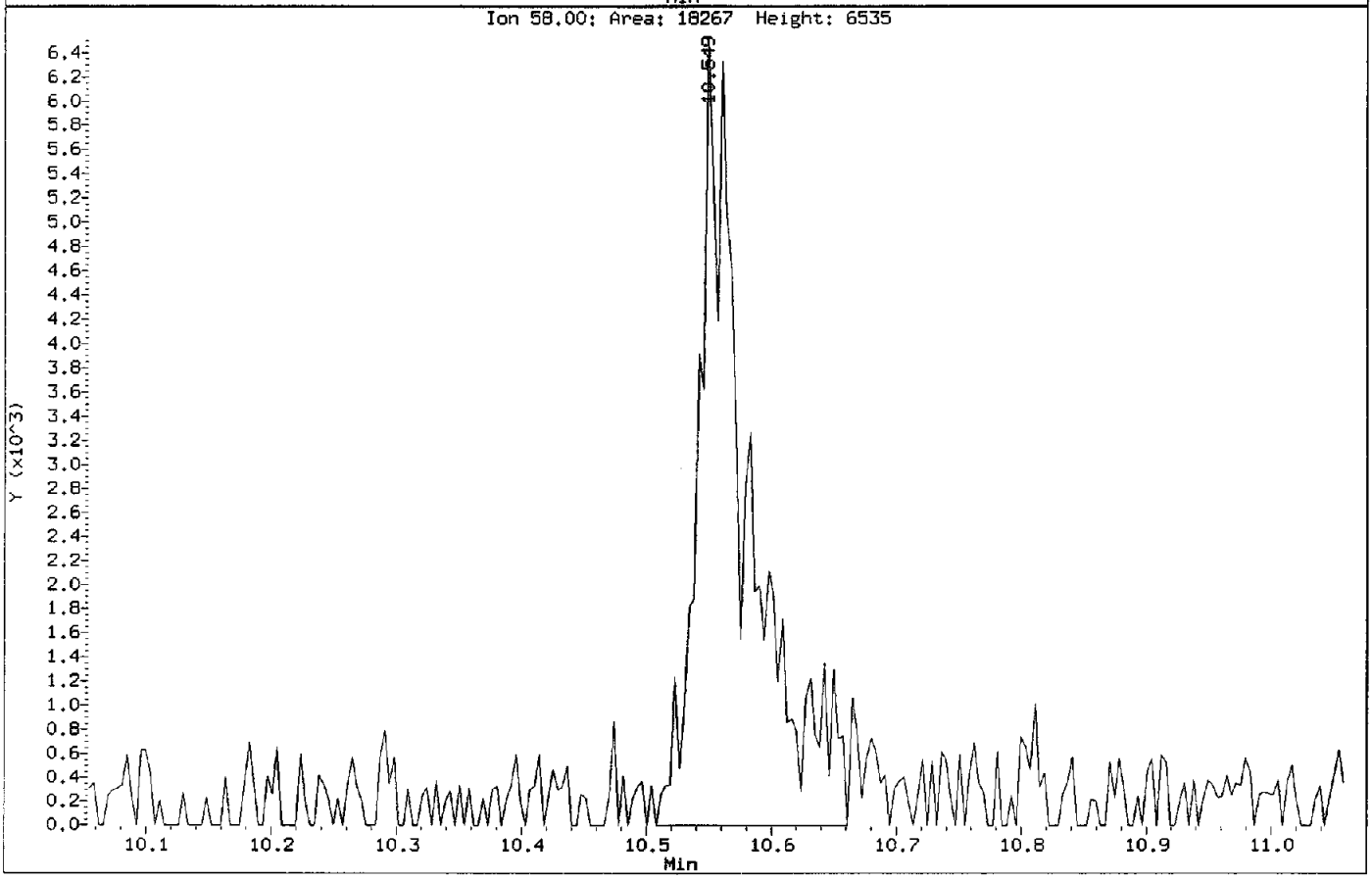
Instrument: MSL.i
Client Sample ID: VLCSL355B

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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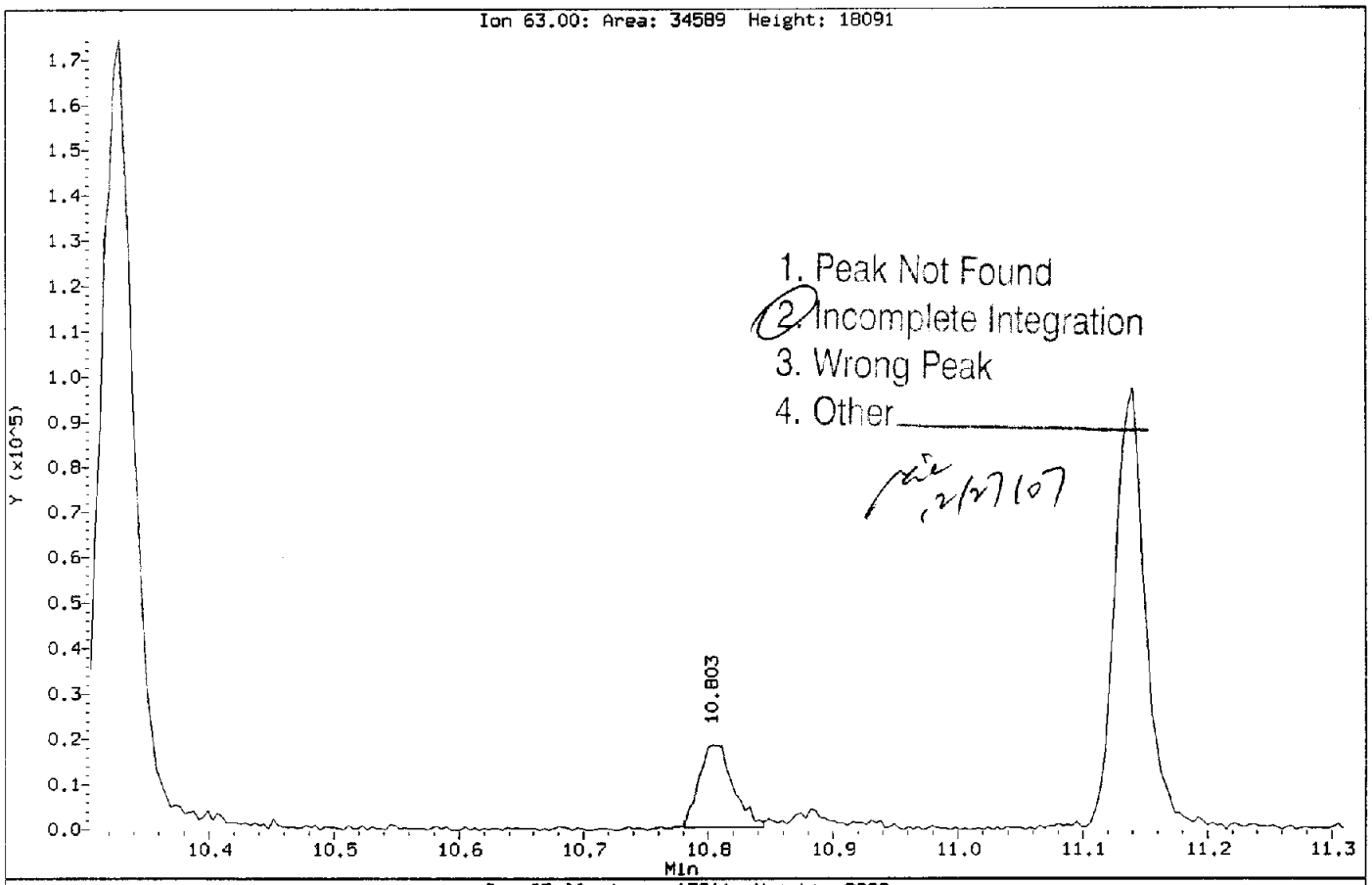
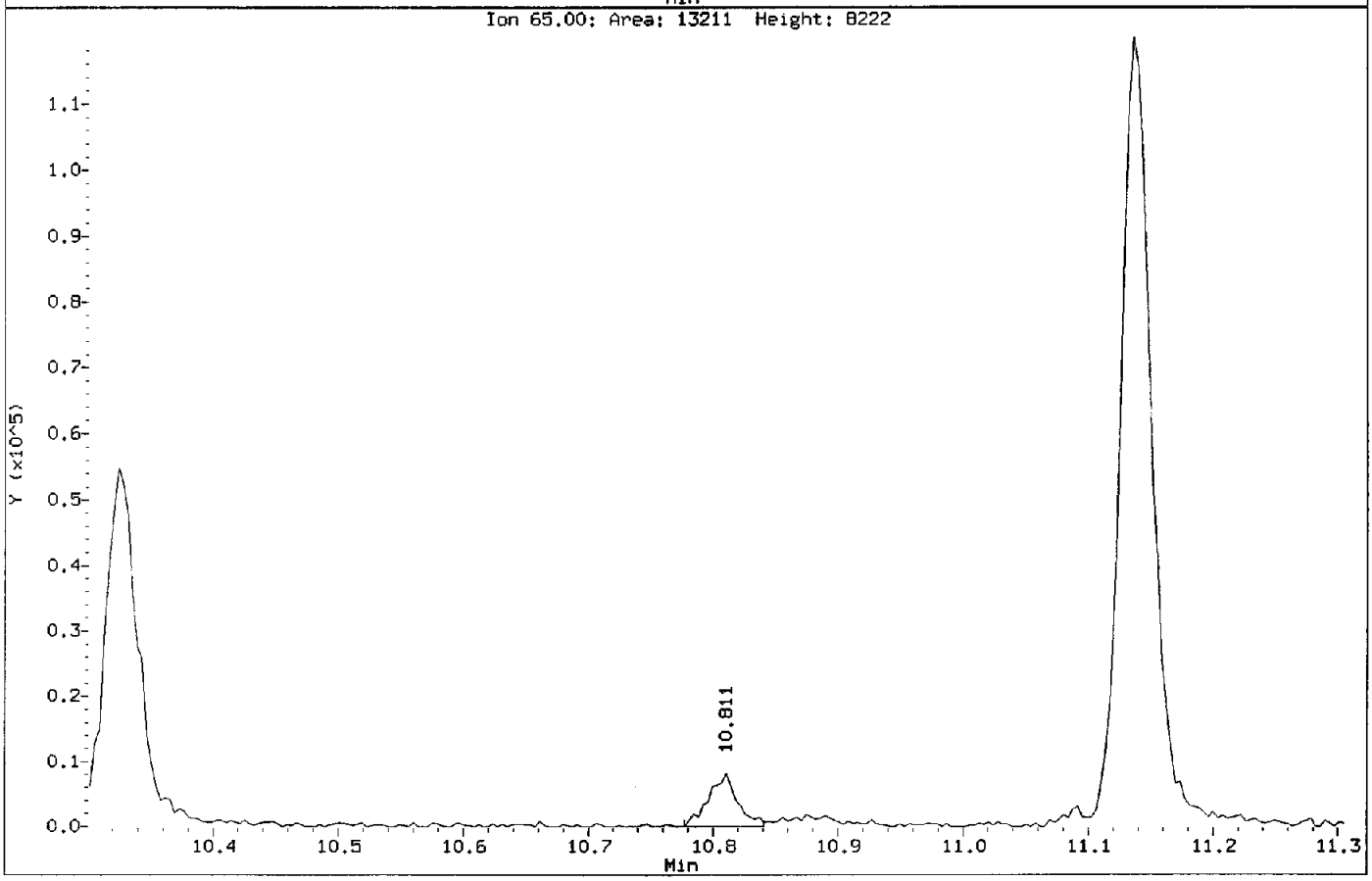
Injection Date: 21-DEC-2007 14:15
Instrument: MSL.i
Client Sample ID: VLCSL355B

Compound: 2-chloroethyl vinyl ether
CAS Number: 110-75-8





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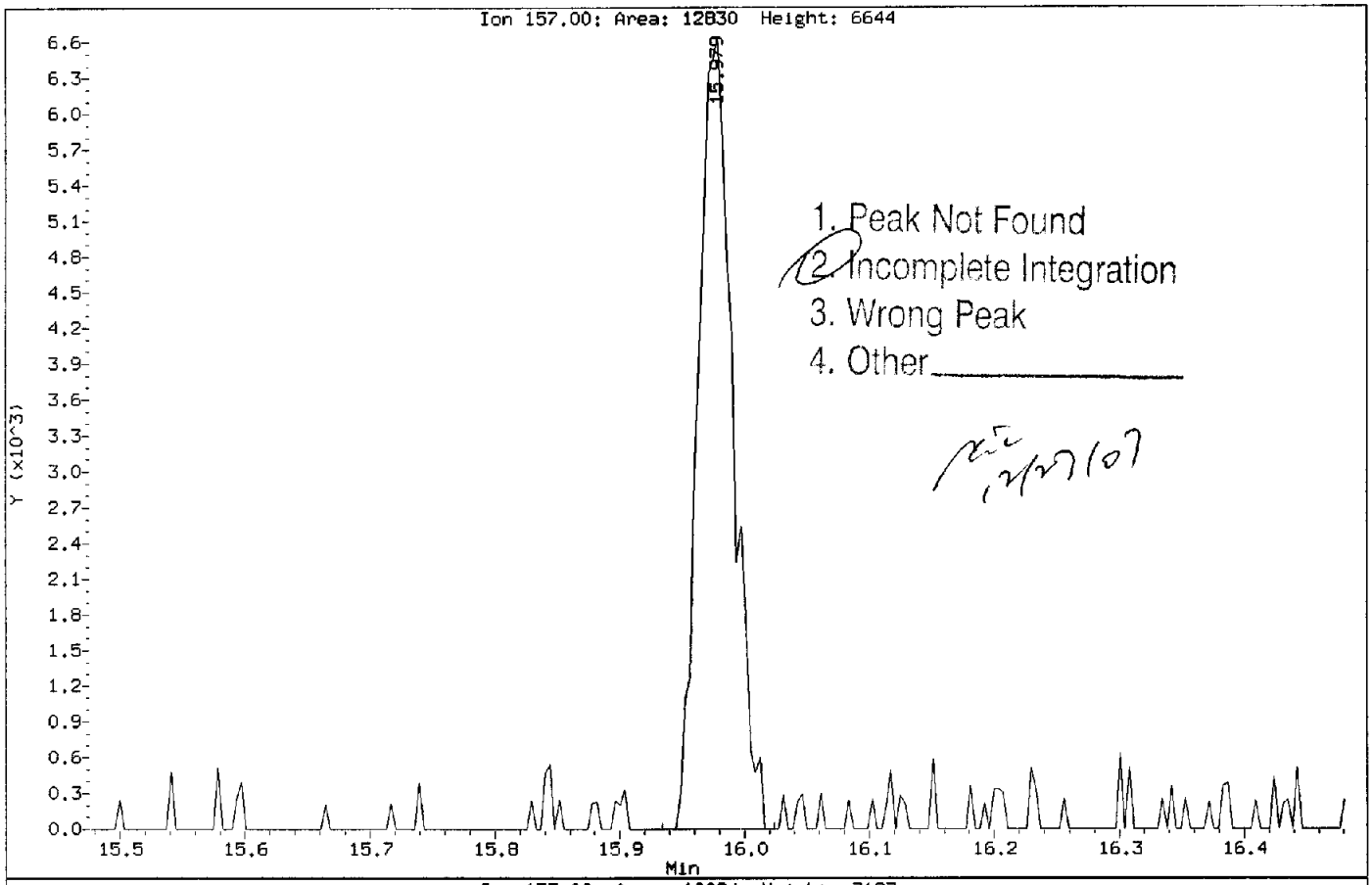
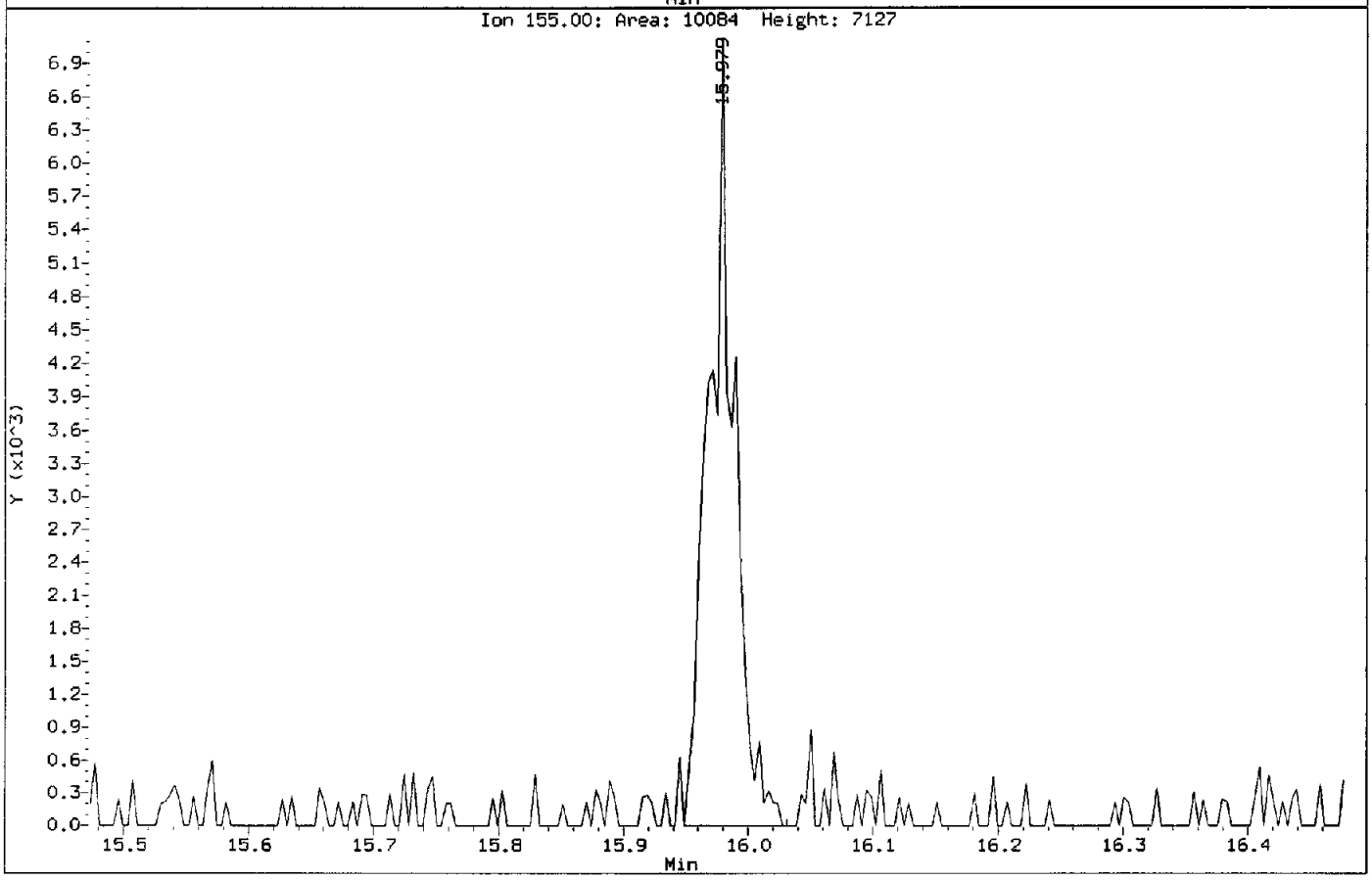
Injection Date: 21-DEC-2007 14:15
Instrument: MSL.i
Client Sample ID: VLCSL355B

Compound: 1,2-Dibromo-3-chloropropane
CAS Number: 96-12-8





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7476.D
Report Date: 26-Dec-2007 12:25

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7476.D
Lab Smp Id: KEE911AC Client Smp ID: M-7B
Inj Date : 24-DEC-2007 21:30
Operator : XIA Inst ID: MSL.i
Smp Info : KEE911AC
Misc Info : VBLKL358A;F7L190135-004S;7360149;
Comment : NONE
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Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 26 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.461	3.464	(0.358)	380197	11.9650	11.96
2	Freon-114	135	3.741	3.741	(0.387)	144784	19.3651	19.36(R)
3	Chloromethane	50	3.898	3.898	(0.403)	708070	12.2558	12.26
4	Vinyl Chloride	62	4.097	4.097	(0.424)	669072	13.6794	13.68
5	Bromomethane	94	4.800	4.800	(0.496)	322899	10.5019	10.50
6	Chloroethane	64	5.032	5.032	(0.520)	313632	10.6119	10.61
7	Trichlorofluoromethane	101	5.279	5.279	(0.546)	534865	12.3797	12.38
8	Diethyl ether	59	5.796	5.792	(0.599)	269379	32.2475	32.25(R)
9	1,1-Dichloroethene	96	6.151	6.147	(0.636)	303265	12.8064	12.81
10	1,1,2-Trichlorofluoroethane	101	6.129	6.132	(0.634)	332003	13.8746	13.87(R)
11	Carbon Disulfide	76	6.308	6.305	(0.652)	1123080	14.4325	14.43
12	Iodomethane	142	6.428	6.432	(0.665)	121721	14.7214	14.72
13	Acrolein	56	6.626	6.623	(0.685)	14436	34.5513	34.55(M)
14	Allyl chloride	39	6.810	6.810	(0.704)	353702	13.2172	13.22
15	Methylene Chloride	84	6.971	6.967	(0.721)	321386	14.5507	14.55
16	Acetone	43	6.978	6.967	(0.722)	23063	11.4655	11.46
17	trans-1,2-Dichloroethene	96	7.177	7.180	(0.742)	353264	12.4063	12.41
18	n-Hexane	57	7.177	7.177	(0.742)	681895	13.5654	13.56
19	Methyl Acetate	74	7.132	7.128	(0.738)	21175	9.97838	9.978(M)
20	MTBE	73	7.210	7.210	(0.746)	415116	16.1238	16.12(R)
M 21	1,2-Dichloroethene (total)	96				688465	26.0882	26.09
22	Acetonitrile	41	7.573	7.562	(0.783)	41259	68.4847	68.48

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7476.D
Report Date: 26-Dec-2007 12:25

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23	Acrylonitrile	53	7.906	7.906	(0.818)	165625	75.6432	75.64(R)
	24	1,1-Dichloroethane	63	7.873	7.869	(0.814)	779316	15.5357	15.54(R)
	25	2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	520510	12.8844	12.88
	27	cis-1,2-Dichloroethene	96	8.456	8.460	(0.875)	335201	13.6820	13.68
	28	2,2-Dichloropropane	77	8.535	8.535	(0.883)	468620	11.2044	11.20
	29	Bromochloromethane	128	8.700	8.692	(0.900)	79938	14.0568	14.06(M)
	30	Cyclohexane	84	8.666	8.666	(0.896)	678216	15.4110	15.41(R)
	31	Chloroform	83	8.707	8.707	(0.901)	2688539	65.4462	65.45(AR)
	32	Ethyl acetate	43	8.752	8.752	(0.905)	89356	74.7229	74.72(R)
	33	Carbon Tetrachloride	117	8.894	8.894	(0.920)	472023	14.0612	14.06
	34	Isobutanol	42	8.894	8.891	(0.920)	110406	288.644	288.6(R)
	35	Tetrahydrofuran	71	8.894	8.891	(0.920)	42974	75.2529	75.25(R)
$	36	Dibromofluoromethane	113	8.905	8.905	(0.921)	177337	12.0523	12.05(R)
	37	1,1,1-Trichloroethane	97	8.935	8.932	(0.924)	517678	12.8183	12.82
	38	2-Butanone	43	8.969	8.962	(0.928)	18409	9.27936	9.279
	39	1,1-Dichloropropene	75	9.051	9.048	(0.936)	486961	12.4401	12.44
	40	Benzene	78	9.313	9.313	(0.963)	1520589	13.2427	13.24
	41	Propionitrile	54	9.272	9.272	(0.959)	57611	82.3829	82.38(RM)
	42	Methacrylonitrile	41	9.287	9.283	(0.961)	263369	82.4180	82.42(R)
$	43	1,2-Dichloroethane-d4	65	9.444	9.441	(0.977)	134025	11.5829	11.58
	44	1,2-Dichloroethane	62	9.508	9.512	(0.983)	245728	15.9381	15.94(R)
*	45	Fluorobenzene	96	9.669	9.669	(1.000)	992479	10.0000	
	46	n-Butanol	56	10.043	10.028	(1.039)	21735	269.784	269.8(RM)
	47	Methylcyclohexane	55	9.811	9.811	(1.015)	310528	7.45228	7.452
	48	Trichloroethene	130	9.852	9.852	(1.019)	360985	12.9801	12.98
	49	Dibromomethane	93	10.309	10.313	(1.066)	61119	12.3042	12.30
	50	1,2-Dichloropropane	63	10.324	10.320	(1.068)	298055	13.6971	13.70
	51	Bromodichloromethane	83	10.387	10.387	(1.074)	318133	15.2349	15.23(R)
M	52	Xylenes (total)	106				1979618	32.7561	32.76
	53	Methyl methacrylate	69	10.406	10.399	(1.076)	65387	15.9841	15.98(R)
	54	1,4-Dioxane	88	10.548	10.545	(1.091)	22479	220.968	221.0(M)
	56	cis-1,3-Dichloropropene	75	10.930	10.930	(1.130)	301339	13.9751	13.98
$	57	Toluene-d8	98	11.083	11.083	(0.885)	1004334	9.77705	9.777
	58	Toluene	91	11.136	11.136	(0.889)	1567147	10.8835	10.88
	59	2-Nitro-Propane	43	11.301	11.304	(0.902)	44746	11.4800	11.48
	60	4-Methyl-2-pentanone	43	11.360	11.360	(0.907)	91851	15.0312	15.03(R)
	61	trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	211037	12.3113	12.31
	62	Tetrachloroethene	164	11.521	11.521	(0.920)	269256	11.2143	11.21
	63	Ethyl methacrylate	69	11.503	11.506	(0.918)	147917	11.8284	11.83
	64	1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	129272	12.1604	12.16(R)
	65	Chlorodibromomethane	129	11.888	11.892	(0.949)	135911	13.3005	13.30(R)
	66	1,3-Dichloropropane	76	11.907	11.911	(0.950)	240464	12.2840	12.28
	67	1,2-Dibromoethane	107	12.150	12.146	(0.970)	88960	11.7705	11.77
	68	2-Hexanone	43	12.116	12.116	(0.967)	42661	11.7512	11.75
	69	Ethylbenzene	106	12.498	12.498	(0.998)	549070	10.6197	10.62
*	70	Chlorobenzene-d5	117	12.528	12.528	(1.000)	687037	10.0000	
	71	Chlorobenzene	112	12.547	12.547	(1.001)	956319	12.9783	12.98(R)
	72	1,1,1,2-Tetrachloroethane	131	12.580	12.584	(1.004)	229159	11.6135	11.61
	73	m,p-Xylenes	106	12.610	12.614	(1.007)	1394408	21.3683	21.37
	74	o-Xylene	106	13.033	13.033	(1.040)	585210	11.3878	11.39
	76	Bromoform	173	13.258	13.258	(0.901)	54417	11.6375	11.64
	77	Isopropylbenzene	105	13.291	13.291	(0.903)	1457165	8.87620	8.876
$	78	4-Bromofluorobenzene	95	13.643	13.647	(0.927)	262028	9.17309	9.173
	79	n-Propylbenzene	91	13.681	13.681	(0.929)	2034672	8.89954	8.900

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7476.D
Report Date: 26-Dec-2007 12:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
80	Bromobenzene	156	13.789	13.793	(0.937)	240391	10.3427	10.34
81	1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	136162	11.5349	11.53
82	1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1289991	9.27756	9.278
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	1013863	9.29165	9.292
84	1,2,3-Trichloropropane	110	13.931	13.939	(0.946)	36239	11.8774	11.88
85	trans-1,4-dichloro-2-butene	53	13.928	13.931	(0.946)	30386	10.9147	10.91
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	975737	9.57210	9.572
87	Cyclohexanone	55	14.006	14.006	(0.951)	22298	62.0212	62.02
88	t-Butylbenzene	119	14.156	14.160	(0.962)	1120815	9.02017	9.020
89	Pentachloroethane	167	14.272	14.279	(0.969)	135011	11.7184	11.72
90	1,2,4-Trimethylbenzene	105	14.223	14.227	(0.966)	1272394	9.43847	9.438
91	sec-Butylbenzene	105	14.328	14.328	(0.973)	1762895	8.64431	8.644
92	4-Isopropyltoluene	119	14.437	14.437	(0.981)	1373242	8.87028	8.870
93	1,3-Dichlorobenzene	146	14.654	14.657	(0.995)	558935	10.4423	10.44
* 94	1,4 Dichlorobenzene-d4	152	14.721	14.725	(1.000)	290689	10.0000	
95	1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	770579	14.5989	14.60(R)
96	n-Butylbenzene	91	14.856	14.859	(1.009)	1382061	8.38441	8.384
98	1,2-Dichlorobenzene	146	15.163	15.166	(1.030)	583510	14.7351	14.74(R)
99	1,2-Dibromo-3-chloropropane	157	15.975	15.978	(1.085)	16302	12.9471	12.95(R)
100	Hexachlorobutadiene	225	16.558	16.555	(1.125)	109232	7.01514	7.015
101	1,2,4-Trichlorobenzene	180	16.678	16.682	(1.133)	219466	12.2848	12.28(R)
102	Naphthalene	128	17.071	17.079	(1.160)	285414	13.8434	13.84(R)
103	1,2,3-Trichlorobenzene	180	17.292	17.296	(1.175)	143121	14.3122	14.31(R)
143	Nonanal	57	15.743	15.743	(1.628)	120383	14.0450	14.04

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7476.D
Report Date: 26-Dec-2007 12:25

STL St. Louis

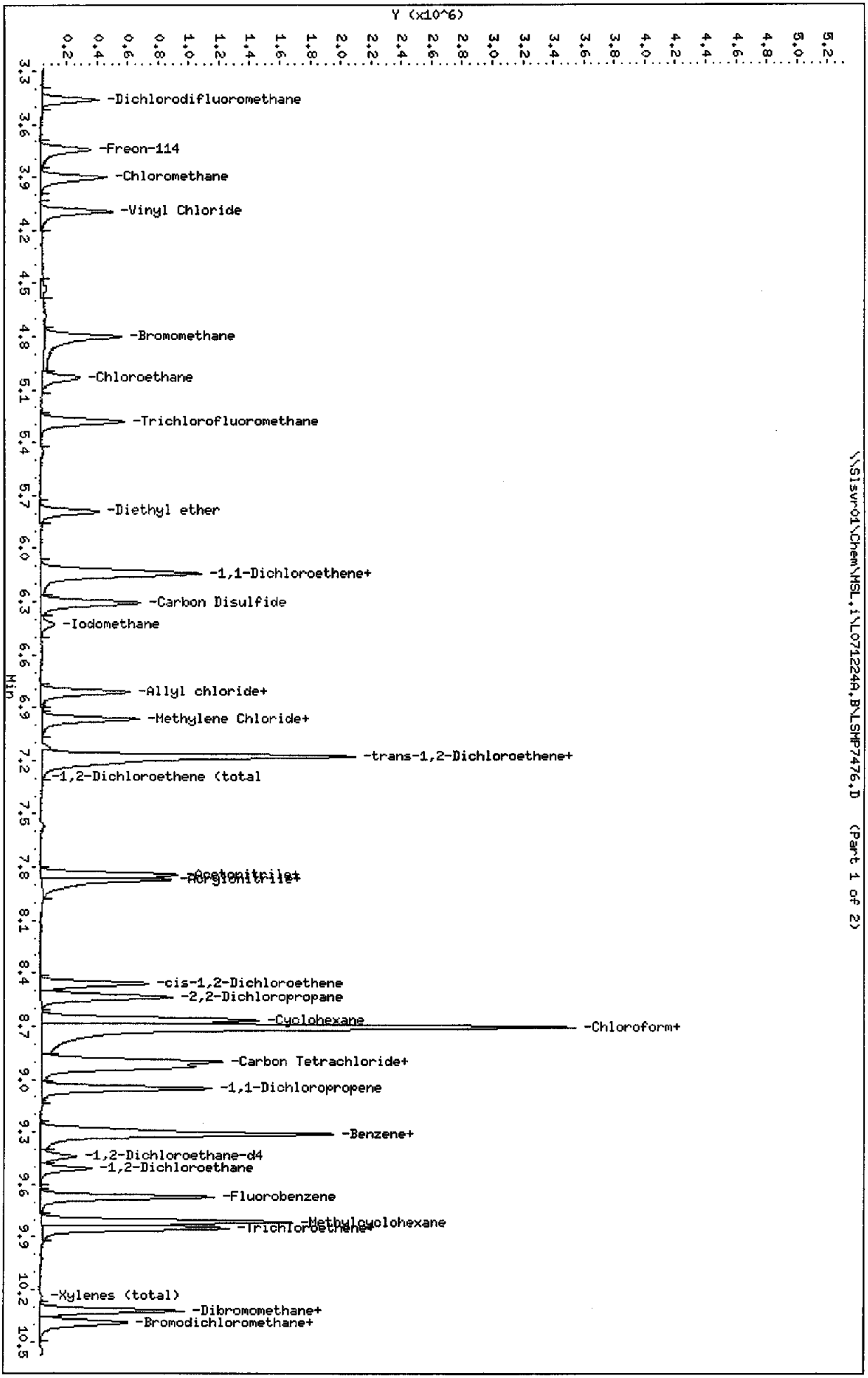
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LSMP7476.D
Lab Smp Id: KEE911AC
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: M-7B
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L190135-004S;7360149;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	992479	-17.51
70 Chlorobenzene-d5	752404	376202	1504808	687037	-8.69
94 1,4 Dichlorobenze	317211	158606	634422	290689	-8.36

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



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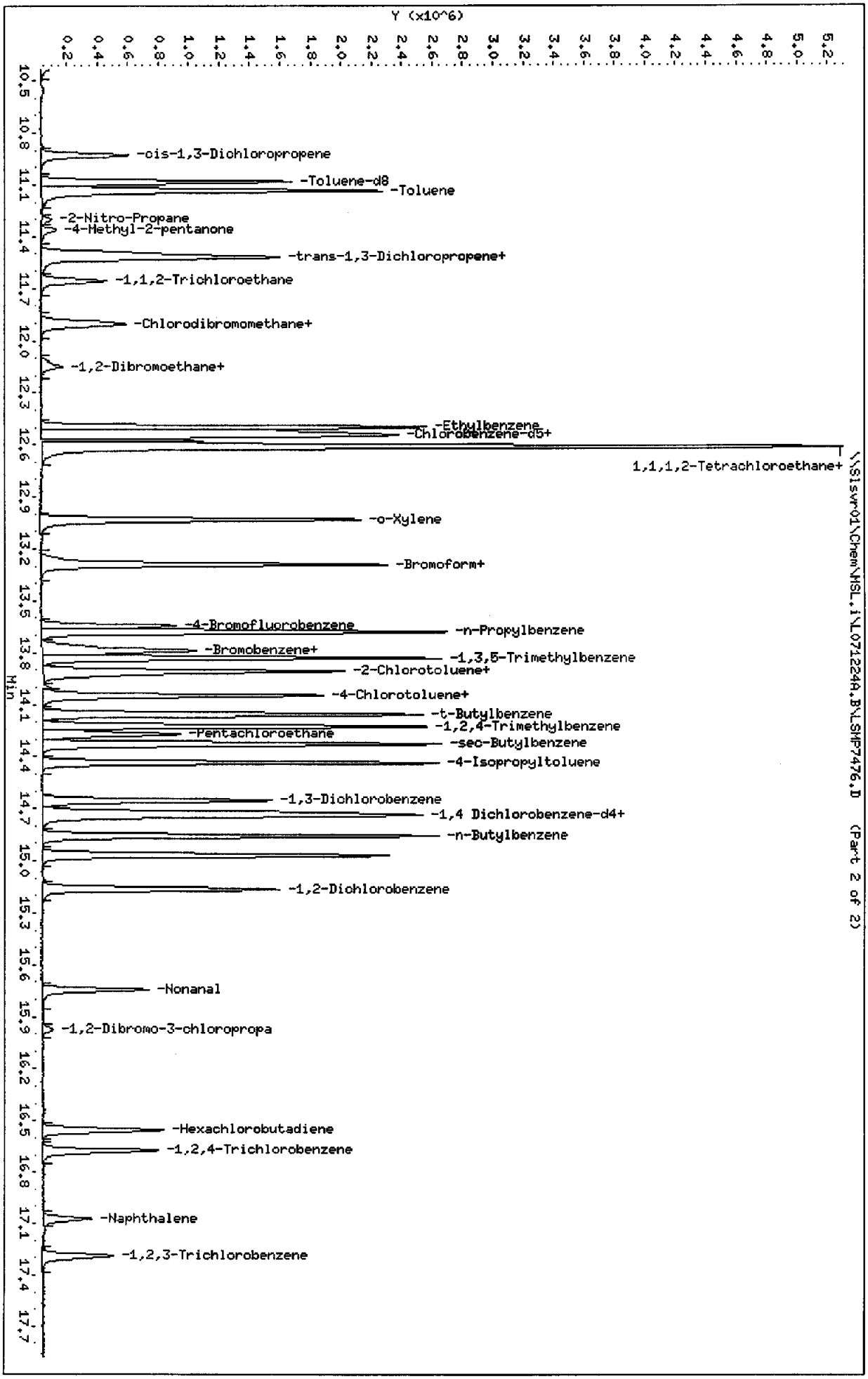
Date : 24-DEC-2007 21:30
Client ID: M-7B
Sample Info: KEE911AC
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25



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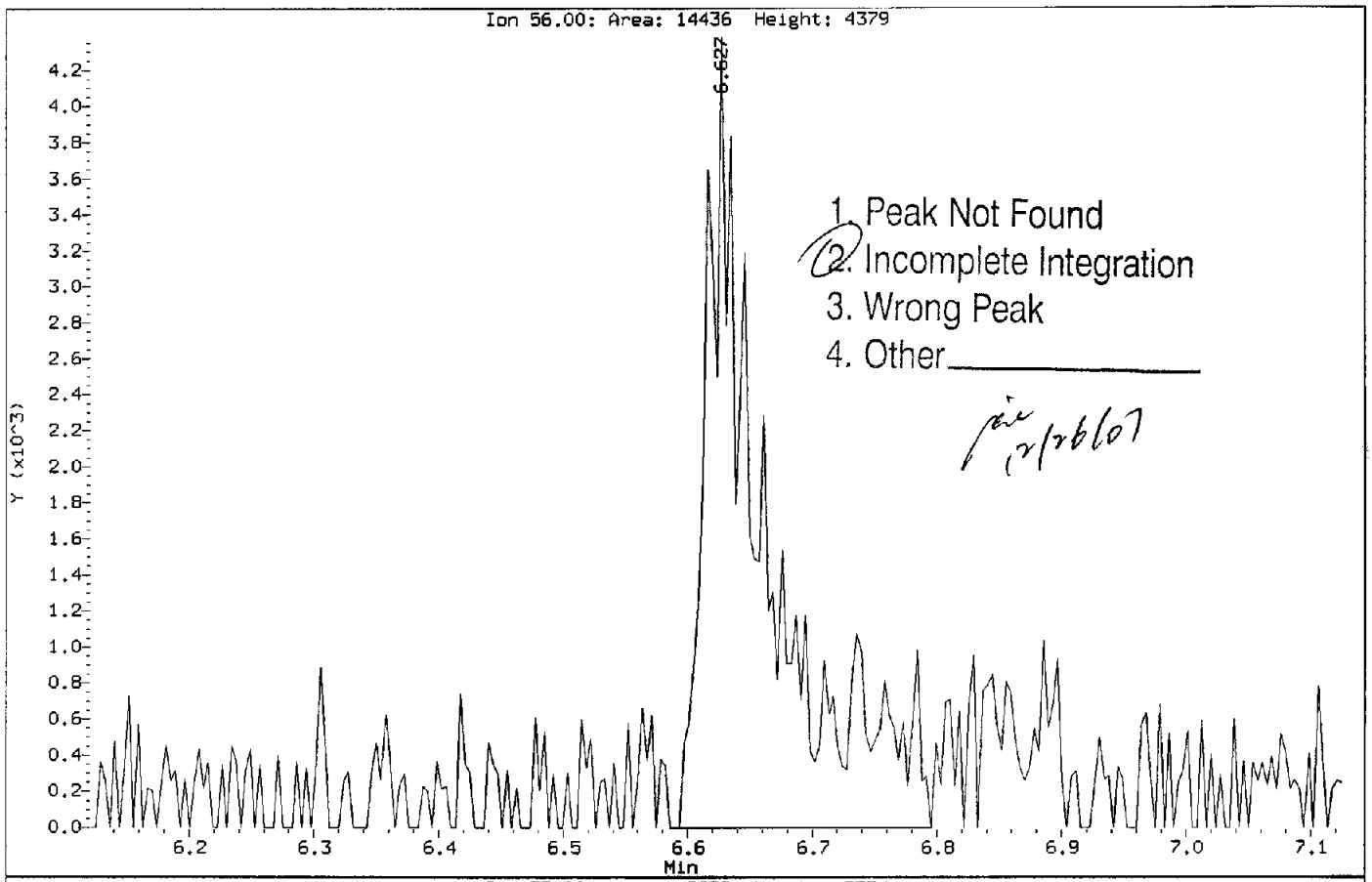
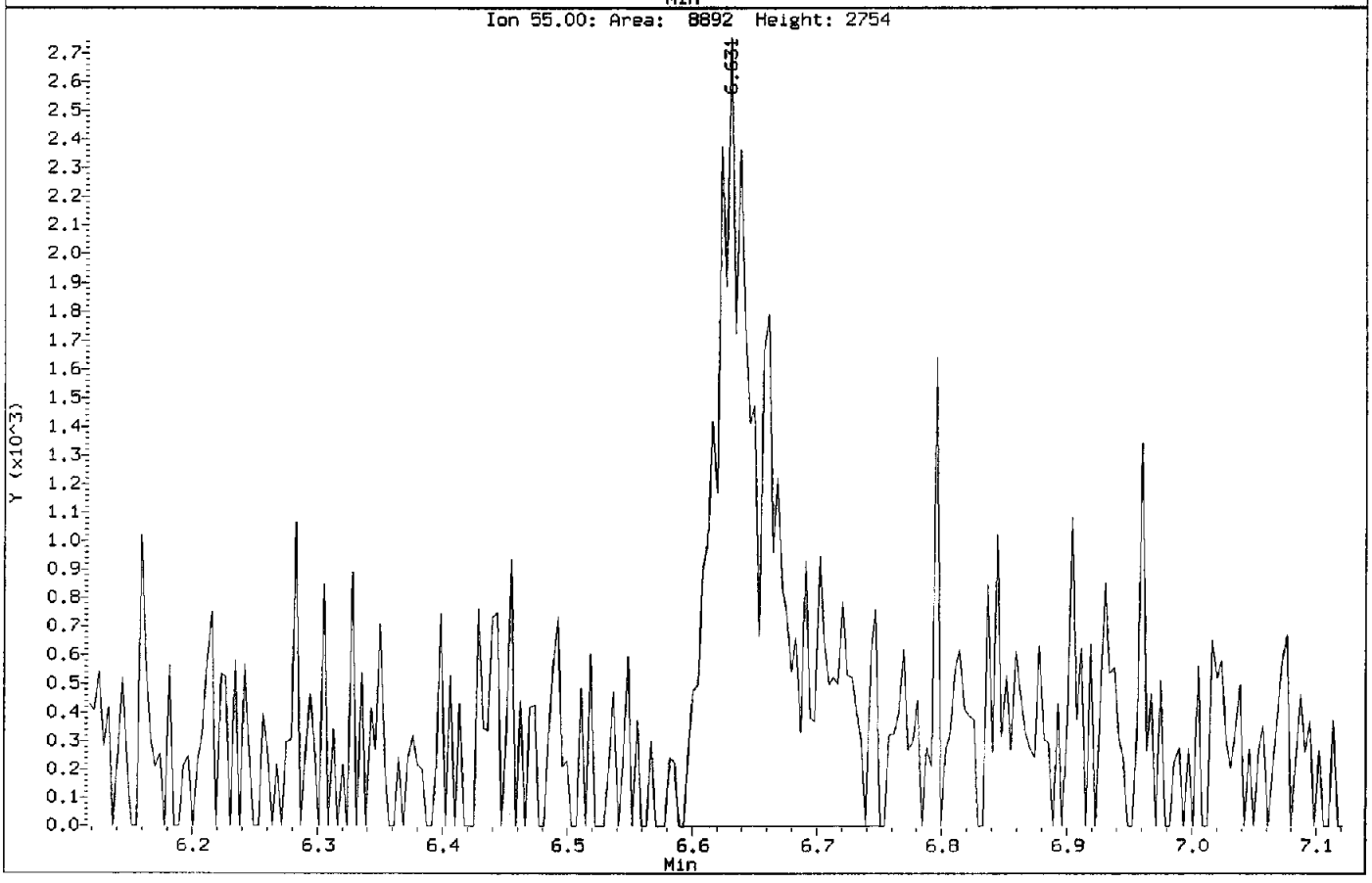
Date : 24-DEC-2007 21:30
Client ID: M-7B
Sample Info: KEE911AC
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7476.D
Injection Date: 24-DEC-2007 21:30
Instrument: MSL.i
Client Sample ID: M-7B

Compound: Acrolein
CAS Number: 107-02-8





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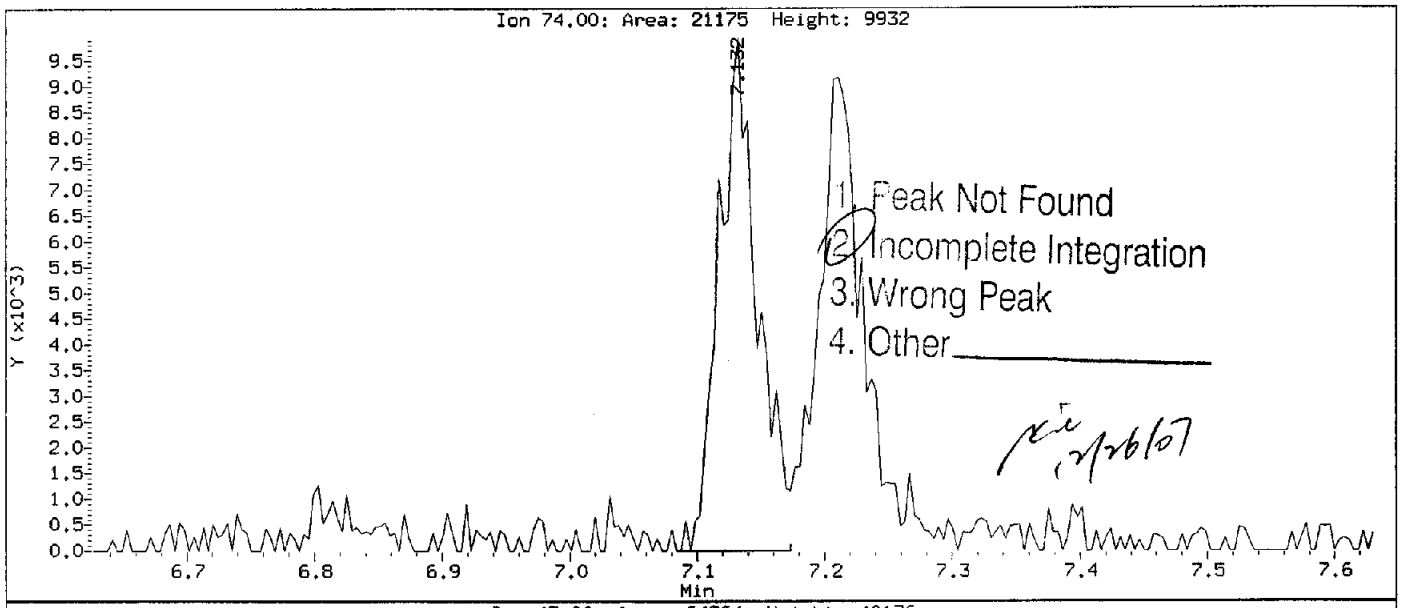
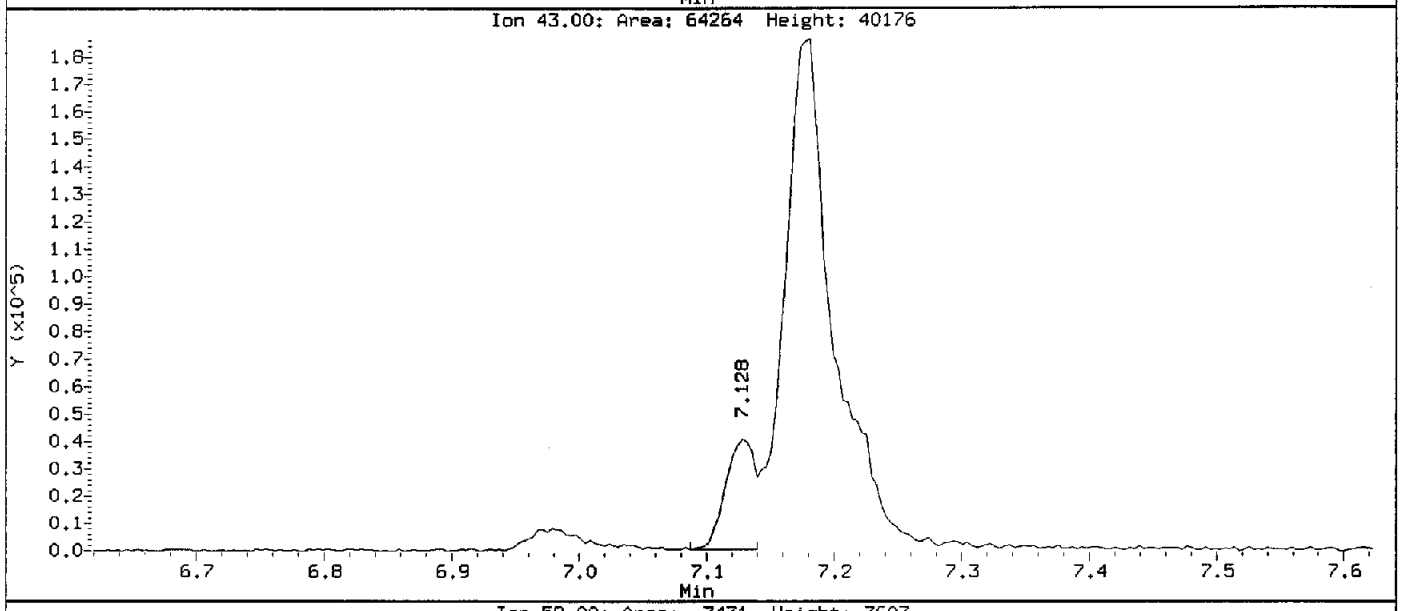
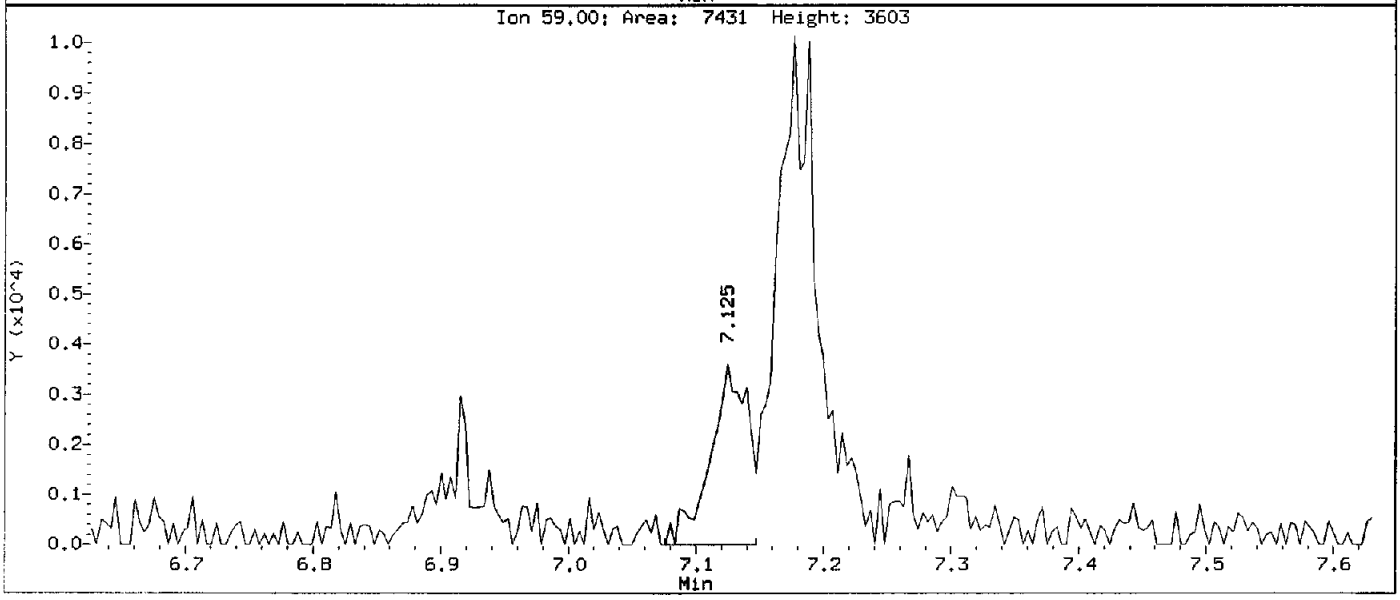
Injection Date: 24-DEC-2007 21:30
Instrument: MSL.i
Client Sample ID: M-7B

Compound: Methyl Acetate
CAS Number:







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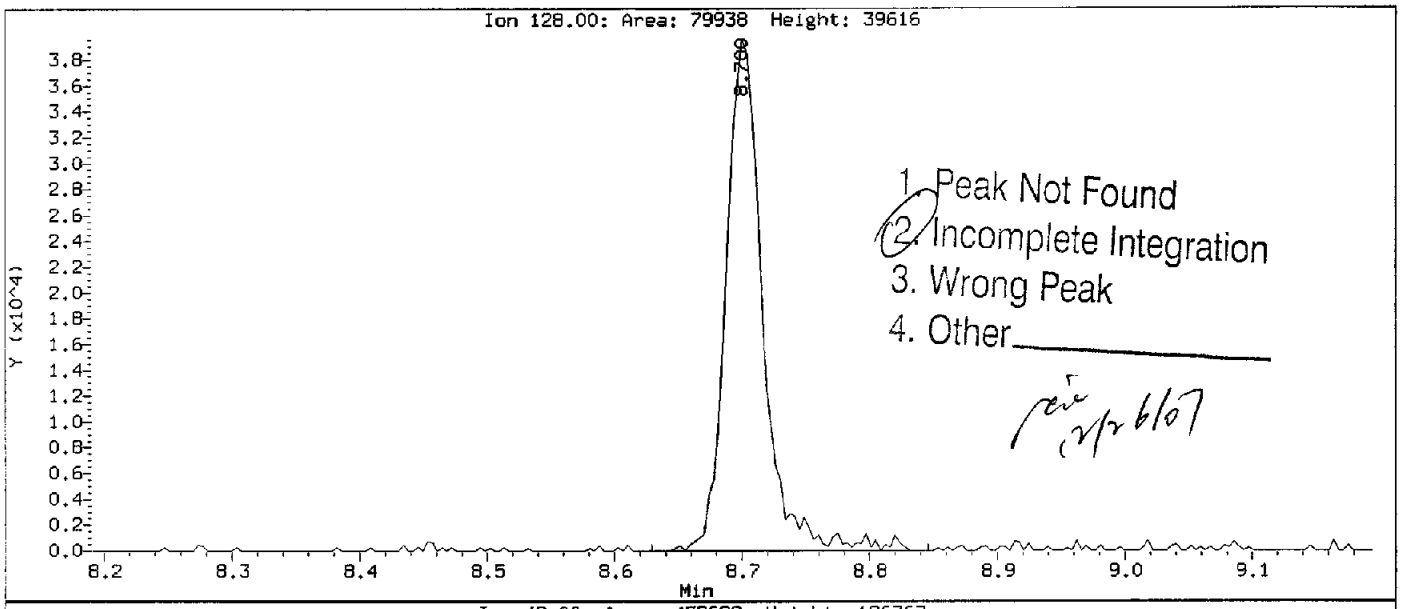
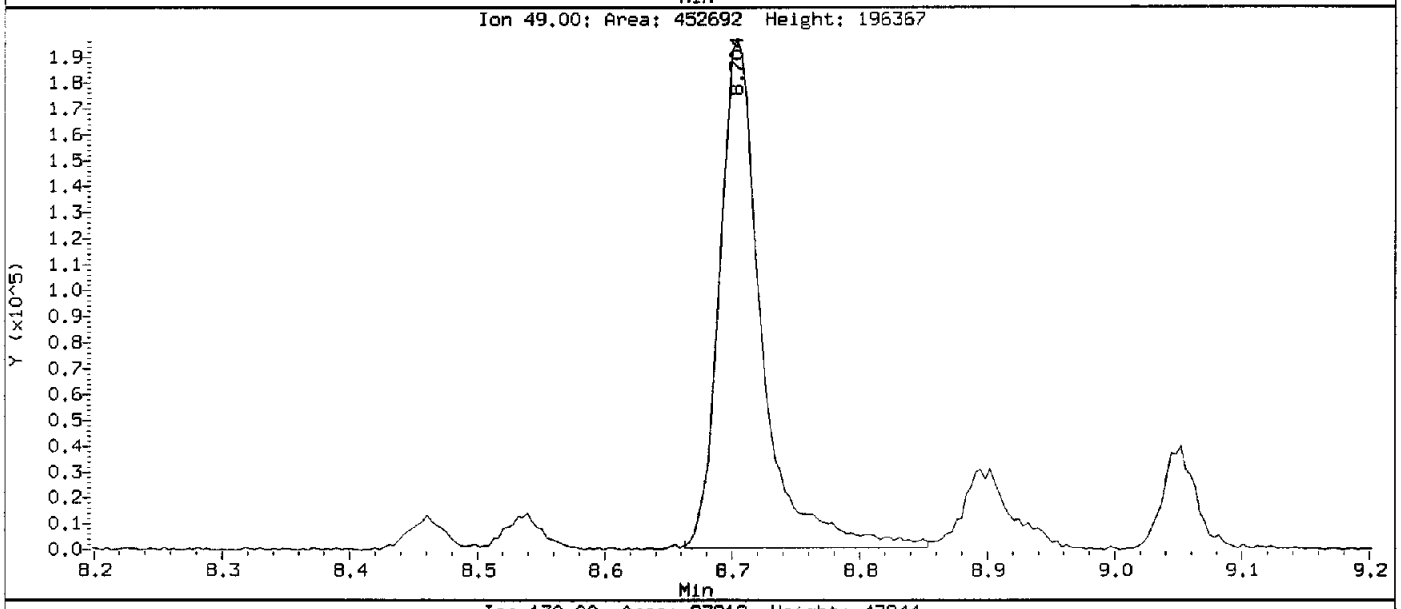
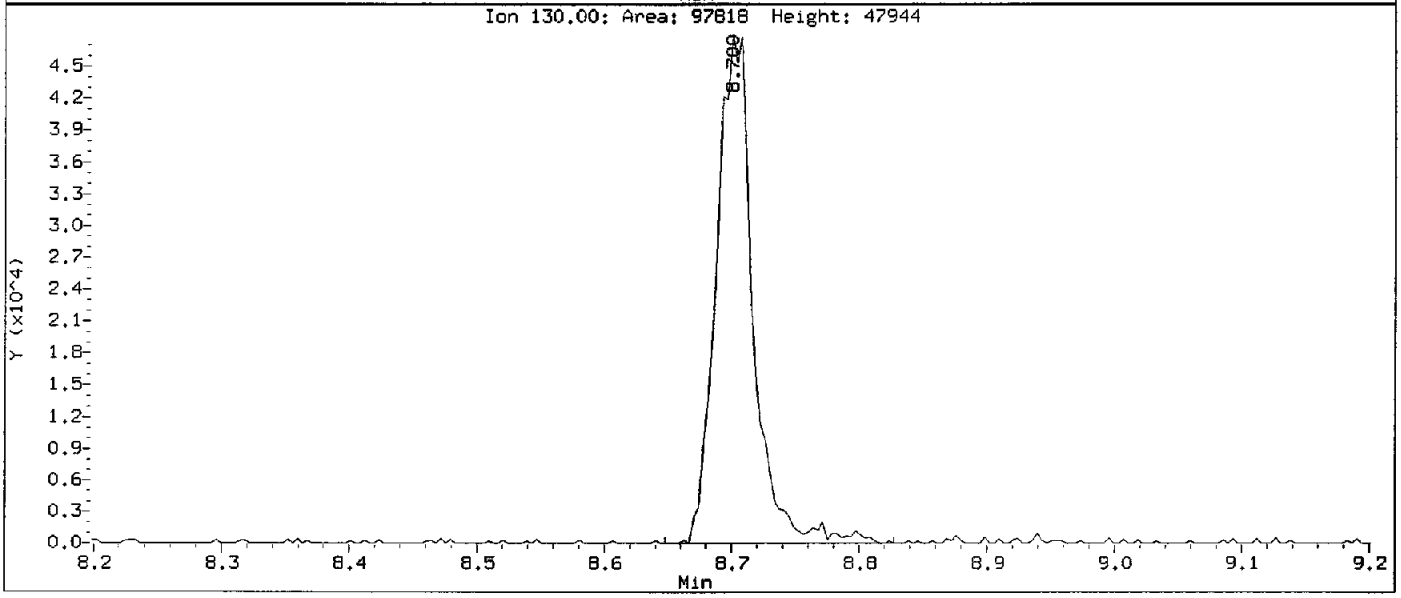
Injection Date: 24-DEC-2007 21:30
Instrument: MSL.i
Client Sample ID: M-7B

Compound: Bromochloromethane
CAS Number: 74-97-5







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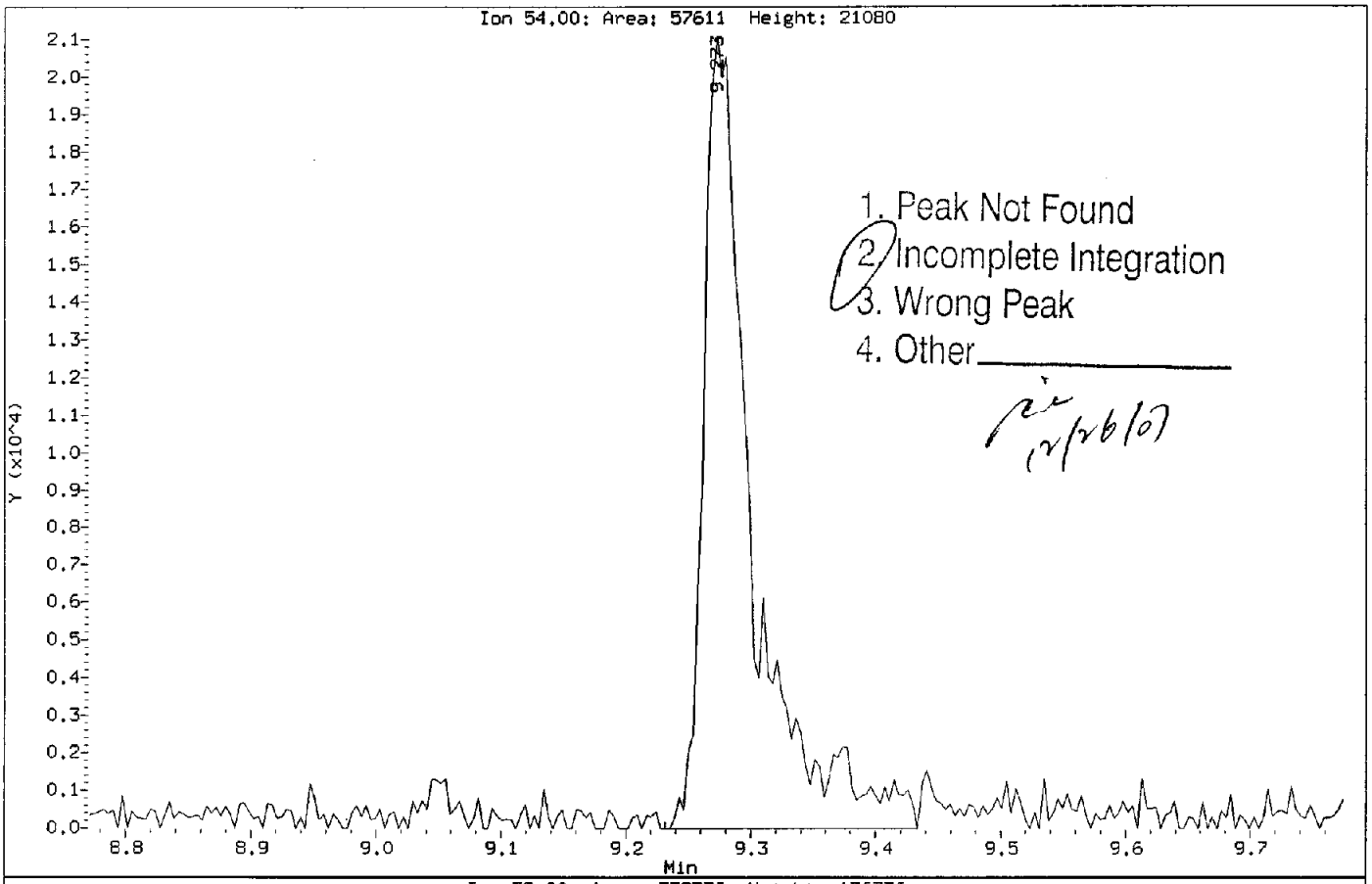
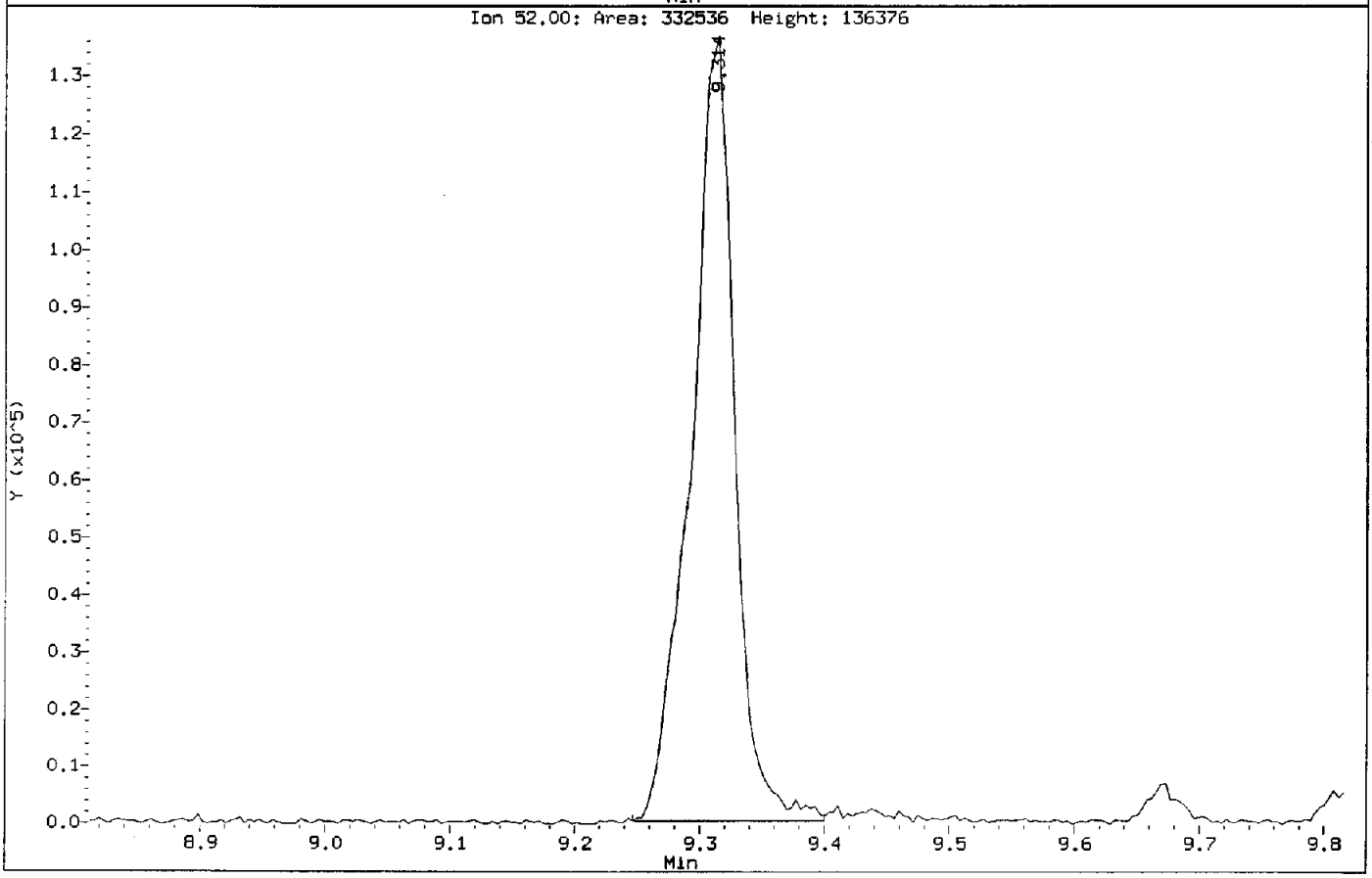
Injection Date: 24-DEC-2007 21:30
Instrument: MSL.i
Client Sample ID: M-7B

Compound: Propionitrile
CAS Number: 107-12-0





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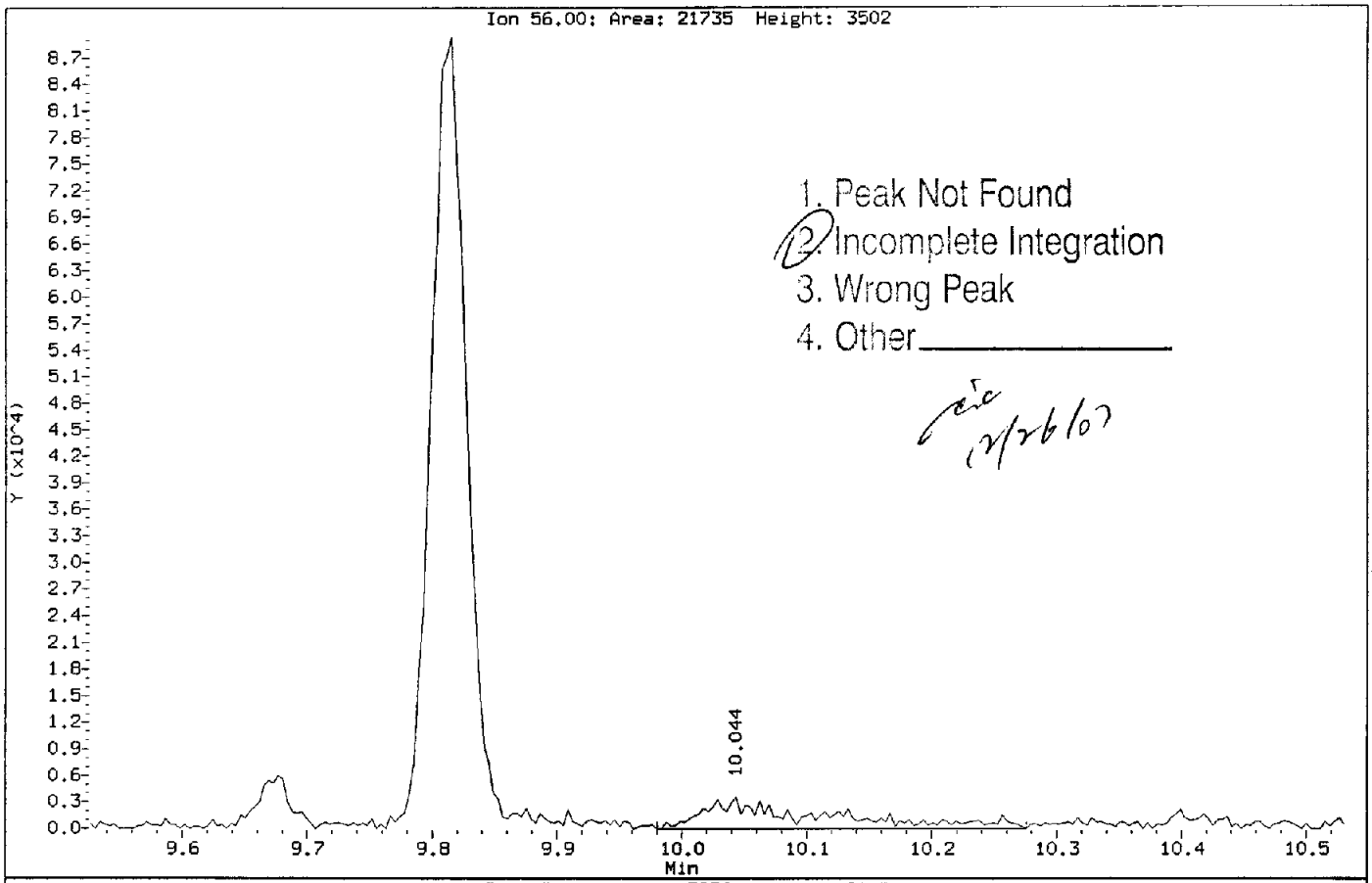
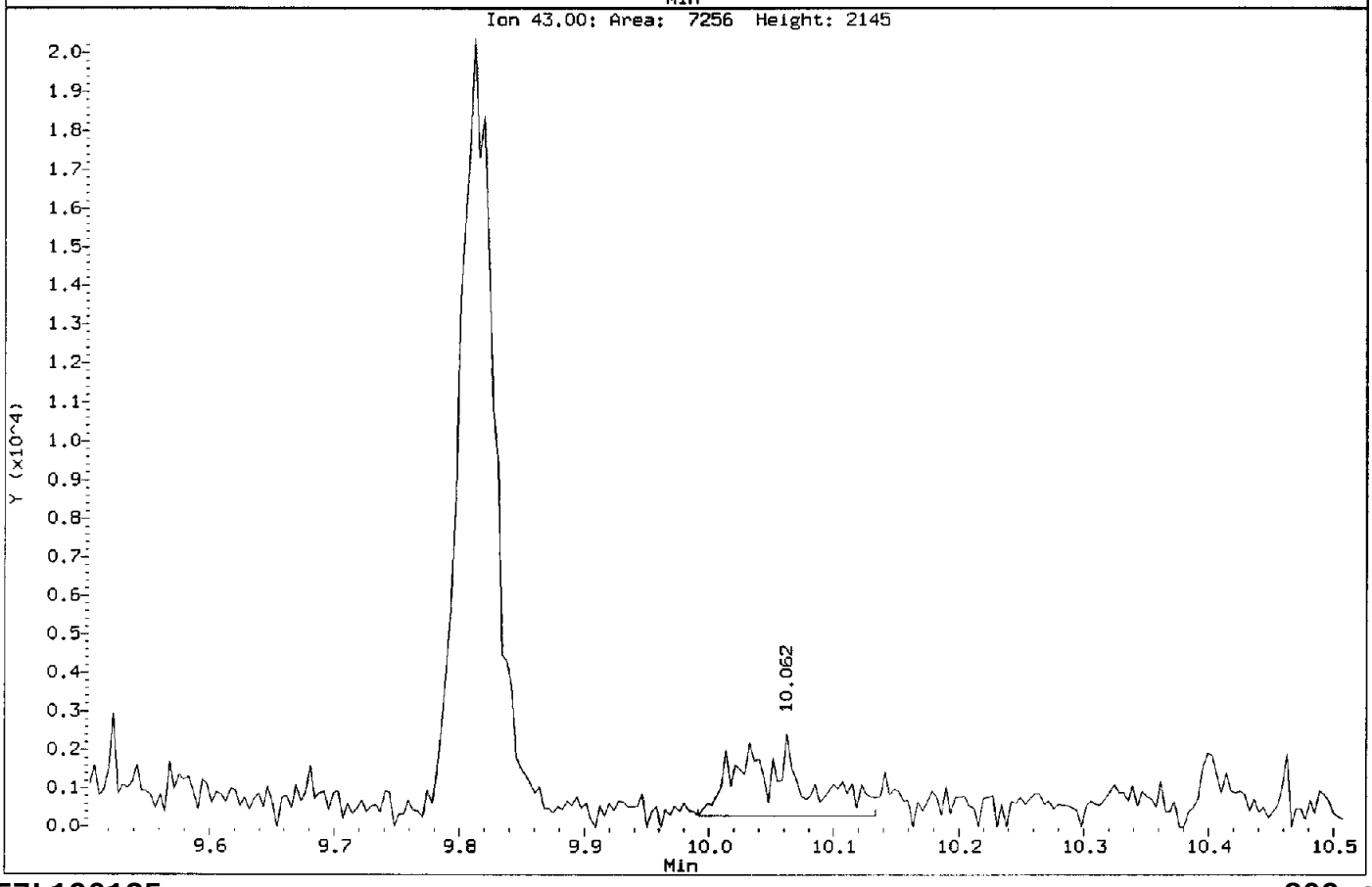
Injection Date: 24-DEC-2007 21:30
Instrument: MSL.i
Client Sample ID: M-7B

Compound: n-Butanol
CAS Number: 71-36-3





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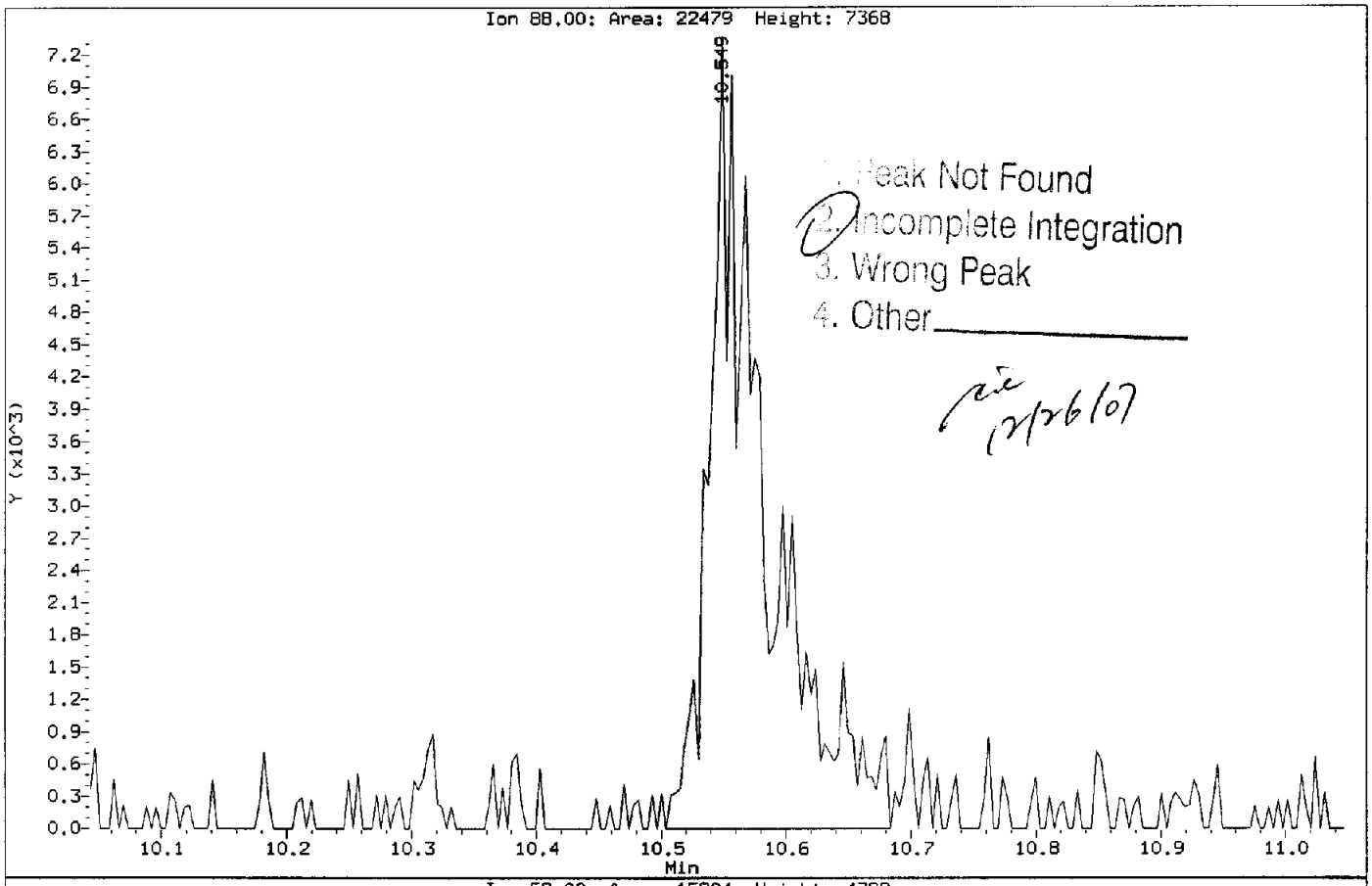
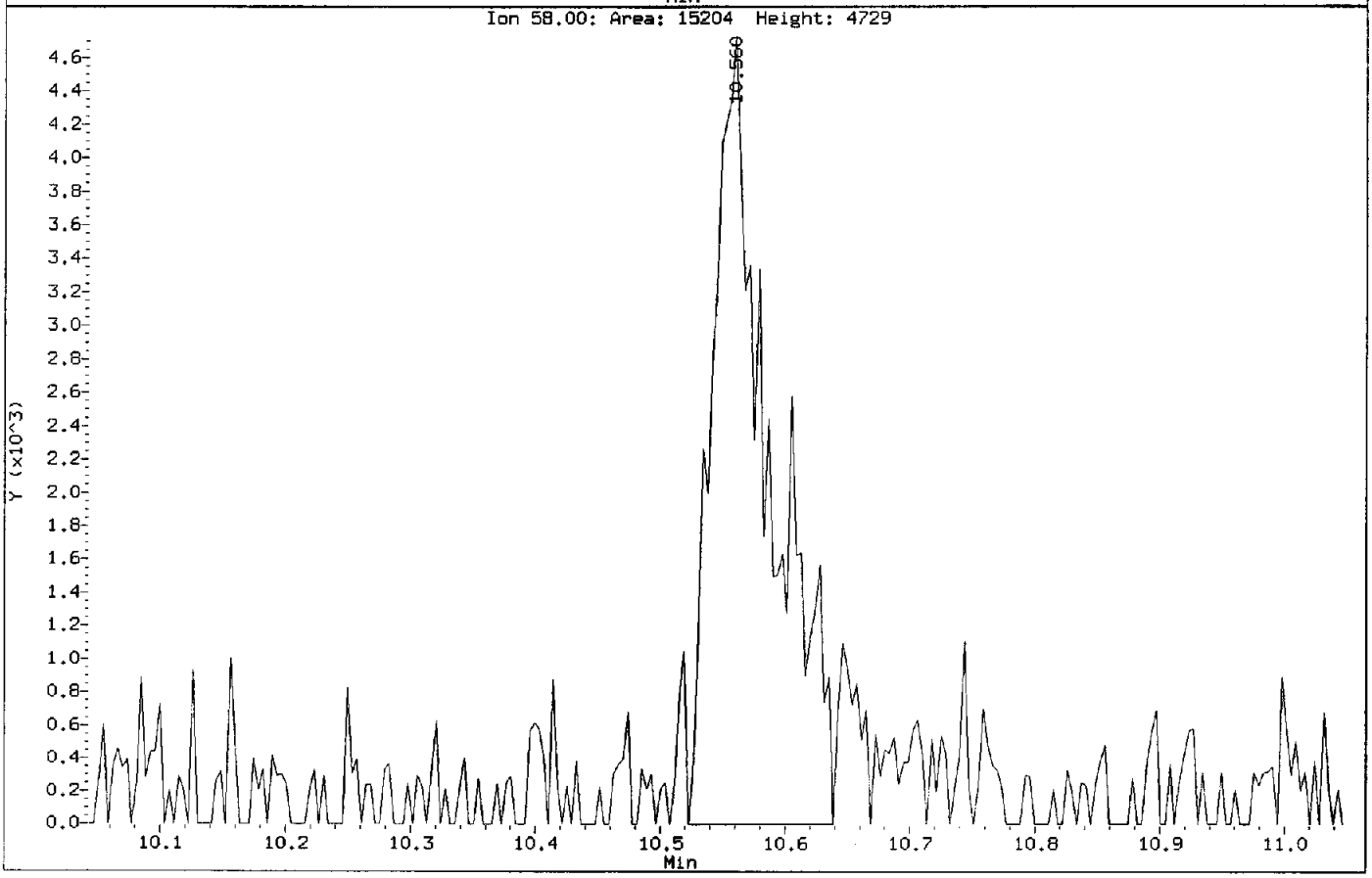
Injection Date: 24-DEC-2007 21:30
Instrument: MSL.i
Client Sample ID: M-7B

Compound: 1,4-Dioxane
CAS Number: 123-91-1





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7477.D
Report Date: 26-Dec-2007 12:25

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7477.D
Lab Smp Id: KEE911AD Client Smp ID: M-7B
Inj Date : 24-DEC-2007 21:54
Operator : XIA Inst ID: MSL.i
Smp Info : KEE911AD
Misc Info : VBLKL358A;F7L190135-004D;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 27 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.460	3.464	(0.358)	393232	12.3137	12.31
2	Freon-114	135	3.741	3.741	(0.387)	142851	19.0115	19.01(R)
3	Chloromethane	50	3.902	3.898	(0.404)	721824	12.4316	12.43
4	Vinyl Chloride	62	4.097	4.097	(0.424)	663448	13.4969	13.50
5	Bromomethane	94	4.804	4.800	(0.497)	357480	11.5688	11.57
6	Chloroethane	64	5.032	5.032	(0.520)	377664	12.7149	12.71
7	Trichlorofluoromethane	101	5.279	5.279	(0.546)	542355	12.4906	12.49
8	Diethyl ether	59	5.792	5.792	(0.599)	271449	32.3336	32.33(R)
9	1,1-Dichloroethene	96	6.147	6.147	(0.636)	305683	12.8442	12.84
10	1,1,2-Trichlorofluoroethane	101	6.129	6.132	(0.634)	318540	13.2457	13.24
11	Carbon Disulfide	76	6.308	6.305	(0.652)	1113979	14.2443	14.24
12	Iodomethane	142	6.428	6.432	(0.665)	126920	15.2738	15.27(R)
13	Acrolein	56	6.615	6.623	(0.684)	11077	26.3799	26.38(M)
14	Allyl chloride	39	6.814	6.810	(0.705)	347541	12.9223	12.92
15	Methylene Chloride	84	6.967	6.967	(0.721)	321954	14.5038	14.50
16	Acetone	43	6.971	6.967	(0.721)	20120	9.70580	9.706
17	trans-1,2-Dichloroethene	96	7.177	7.180	(0.742)	360366	12.5927	12.59
18	n-Hexane	57	7.177	7.177	(0.742)	665281	13.1690	13.17
19	Methyl Acetate	74	7.128	7.128	(0.737)	21266	9.97139	9.971
20	MTBE	73	7.214	7.210	(0.746)	435020	16.8128	16.81(R)
M 21	1,2-Dichloroethene (total)	96				696738	26.2541	26.25
22	Acetonitrile	41	7.569	7.562	(0.783)	44510	73.5690	73.57

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7477.D
Report Date: 26-Dec-2007 12:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.914	7.906	(0.818)	169259	76.9182	76.92(R)
	24 1,1-Dichloroethane	63	7.873	7.869	(0.814)	792459	15.7191	15.72(R)
	25 2-Chloro-1,3-butadiene	53	7.839	7.843	(0.811)	542020	13.3500	13.35
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	336372	13.6614	13.66
	28 2,2-Dichloropropane	77	8.539	8.535	(0.883)	467316	11.1176	11.12
	29 Bromochloromethane	128	8.700	8.692	(0.900)	75968	13.2922	13.29
	30 Cyclohexane	84	8.662	8.666	(0.896)	614804	13.9006	13.90
	31 Chloroform	83	8.707	8.707	(0.901)	969057	23.4720	23.47(R)
	32 Ethyl acetate	43	8.745	8.752	(0.904)	88302	73.4833	73.48(R)
	33 Carbon Tetrachloride	117	8.898	8.894	(0.920)	484807	14.3701	14.37
	34 Isobutanol	42	8.894	8.891	(0.920)	108451	282.122	282.1
	35 Tetrahydrofuran	71	8.898	8.891	(0.920)	44506	77.5478	77.55(R)
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	178175	12.0490	12.05(R)
	37 1,1,1-Trichloroethane	97	8.935	8.932	(0.924)	534619	13.1719	13.17
	38 2-Butanone	43	8.973	8.962	(0.928)	25203	12.5612	12.56
	39 1,1-Dichloropropene	75	9.048	9.048	(0.936)	507330	12.8960	12.90
	40 Benzene	78	9.313	9.313	(0.963)	1571670	13.6195	13.62
	41 Propionitrile	54	9.272	9.272	(0.959)	55452	78.9010	78.90(RM)
	42 Methacrylonitrile	41	9.283	9.283	(0.960)	265794	82.7629	82.76(R)
$	43 1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	134970	11.6065	11.61
	44 1,2-Dichloroethane	62	9.508	9.512	(0.983)	245674	15.8553	15.86(R)
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	997443	10.0000	
	46 n-Butanol	56	10.017	10.028	(1.036)	9261	114.379	114.4
	47 Methylcyclohexane	55	9.811	9.811	(1.015)	515109	12.3004	12.30
	48 Trichloroethene	130	9.852	9.852	(1.019)	369162	13.2081	13.21
	49 Dibromomethane	93	10.309	10.313	(1.066)	65842	13.1890	13.19
	50 1,2-Dichloropropane	63	10.324	10.320	(1.068)	310231	14.1857	14.18
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	321850	15.3362	15.34(R)
M	52 Xylenes (total)	106				2060213	34.0067	34.01
	53 Methyl methacrylate	69	10.406	10.399	(1.076)	67820	16.4964	16.50(R)
	54 1,4-Dioxane	88	10.556	10.545	(1.092)	22659	221.774	221.8(M)
	56 cis-1,3-Dichloropropene	75	10.926	10.930	(1.130)	332264	15.3326	15.33(R)
$	57 Toluene-d8	98	11.083	11.083	(0.885)	1023999	9.94699	9.947
	58 Toluene	91	11.136	11.136	(0.889)	1606141	11.1303	11.13
	59 2-Nitro-Propane	43	11.300	11.304	(0.902)	46546	11.8984	11.90
	60 4-Methyl-2-pentanone	43	11.360	11.360	(0.907)	89673	14.6431	14.64
	61 trans-1,3-Dichloropropene	75	11.488	11.491	(0.917)	225520	13.1279	13.13
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	272523	11.3251	11.32
	63 Ethyl methacrylate	69	11.503	11.506	(0.918)	147824	11.7991	11.80
	64 1,1,2-Trichloroethane	97	11.660	11.656	(0.931)	133691	12.5490	12.55(R)
	65 Chlorodibromomethane	129	11.888	11.892	(0.949)	142651	13.9300	13.93(R)
	66 1,3-Dichloropropane	76	11.907	11.911	(0.950)	256289	13.0641	13.06(R)
	67 1,2-Dibromoethane	107	12.146	12.146	(0.970)	99904	13.1900	13.19(R)
	68 2-Hexanone	43	12.116	12.116	(0.967)	46042	12.6158	12.62
	69 Ethylbenzene	106	12.498	12.498	(0.998)	571375	11.0273	11.03
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	688522	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	928980	12.5801	12.58(R)
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.584	(1.004)	239397	12.1062	12.11(R)
	73 m,p-Xylenes	106	12.610	12.614	(1.007)	1453467	22.2253	22.22
	74 o-Xylene	106	13.033	13.033	(1.040)	606746	11.7814	11.78
	76 Bromoform	173	13.258	13.258	(0.901)	57953	12.3270	12.33
	77 Isopropylbenzene	105	13.291	13.291	(0.903)	1518041	9.19722	9.197
$	78 4-Bromofluorobenzene	95	13.643	13.647	(0.927)	270378	9.41443	9.414
	79 n-Propylbenzene	91	13.677	13.681	(0.929)	2090890	9.09619	9.096

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7477.D
Report Date: 26-Dec-2007 12:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
80	Bromobenzene	156	13.785	13.793	(0.936)	250223	10.7078	10.71
81	1,1,2,2-Tetrachloroethane	83	13.759	13.763	(0.935)	137070	11.5493	11.55
82	1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1321225	9.45102	9.451
83	2-Chlorotoluene	91	13.905	13.909	(0.945)	1079388	9.83888	9.839
84	1,2,3-Trichloropropane	110	13.931	13.939	(0.946)	35575	11.5970	11.60
85	trans-1,4-dichloro-2-butene	53	13.931	13.931	(0.946)	34042	12.1324	12.13
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	1014404	9.89784	9.898
87	Cyclohexanone	55	14.006	14.006	(0.951)	26152	82.1261	82.13
88	t-Butylbenzene	119	14.156	14.160	(0.962)	1169584	9.36196	9.362
89	Pentachloroethane	167	14.276	14.279	(0.970)	143306	12.3480	12.35
90	1,2,4-Trimethylbenzene	105	14.223	14.227	(0.966)	1336789	9.86274	9.863
91	sec-Butylbenzene	105	14.328	14.328	(0.973)	1822767	8.88976	8.890
92	4-Isopropyltoluene	119	14.436	14.437	(0.981)	1418148	9.11101	9.111
93	1,3-Dichlorobenzene	146	14.654	14.657	(0.995)	560086	10.4074	10.41
* 94	1,4 Dichlorobenzene-d4	152	14.721	14.725	(1.000)	292263	10.0000	
95	1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	607581	11.4489	11.45(R)
96	n-Butylbenzene	91	14.856	14.859	(1.009)	1452394	8.76364	8.764
98	1,2-Dichlorobenzene	146	15.162	15.166	(1.030)	459570	11.5428	11.54
99	1,2-Dibromo-3-chloropropane	157	15.975	15.978	(1.085)	15172	11.9847	11.98
100	Hexachlorobutadiene	225	16.555	16.555	(1.125)	110365	7.04973	7.050
101	1,2,4-Trichlorobenzene	180	16.674	16.682	(1.133)	233235	12.9852	12.98(R)
102	Naphthalene	128	17.075	17.079	(1.160)	306712	14.7963	14.80(R)
103	1,2,3-Trichlorobenzene	180	17.292	17.296	(1.175)	148642	14.7843	14.78(R)
143	Nonanal	57	15.743	15.743	(1.628)	147552	16.7737	16.77
157	Ethanol	45	5.792	5.979	(0.393)	195421	2021.54	2022

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7477.D
Report Date: 26-Dec-2007 12:25

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

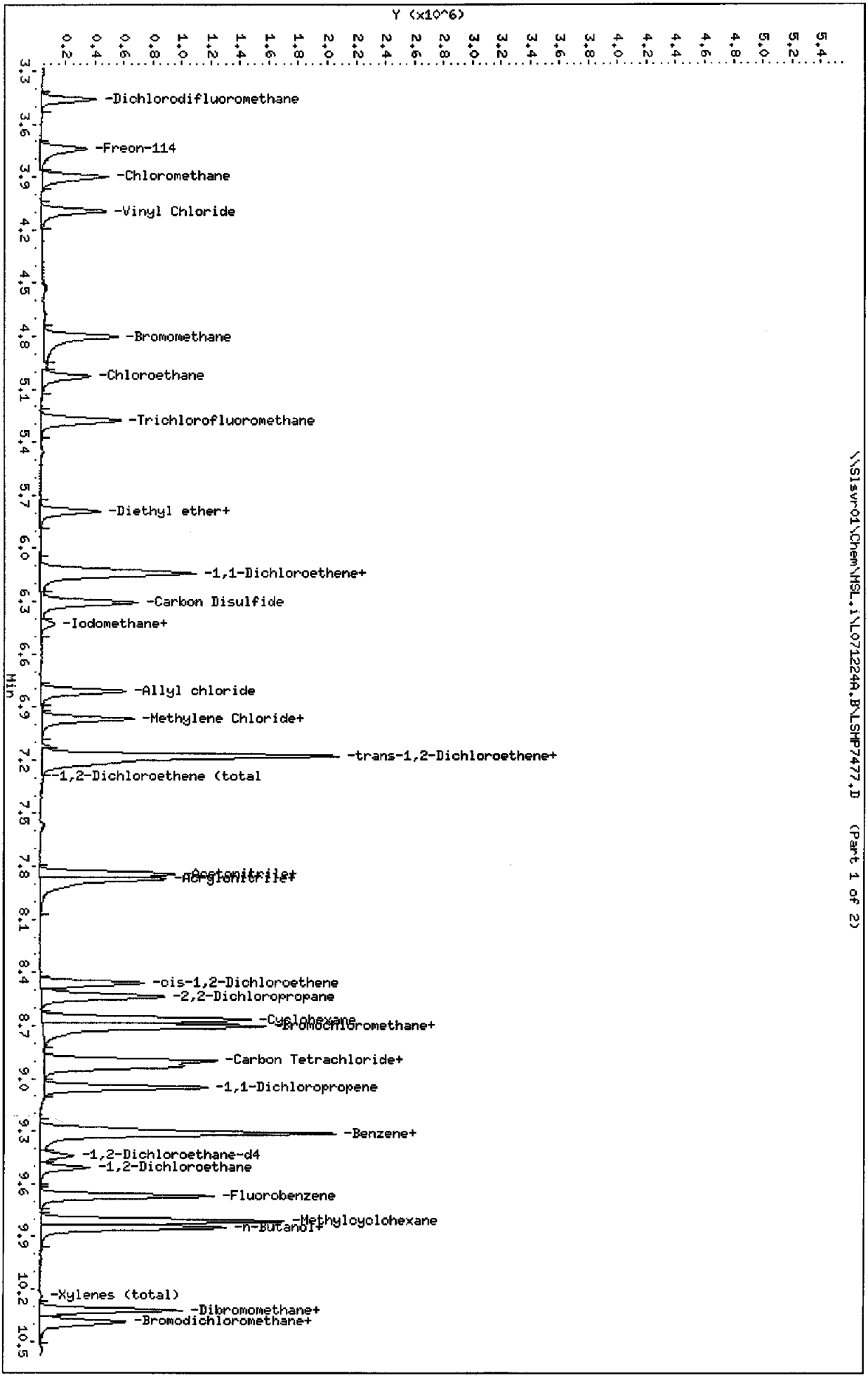
Instrument ID: MSL.i
Lab File ID: LSMP7477.D
Lab Smp Id: KEE911AD
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L190135-004D;7360149;

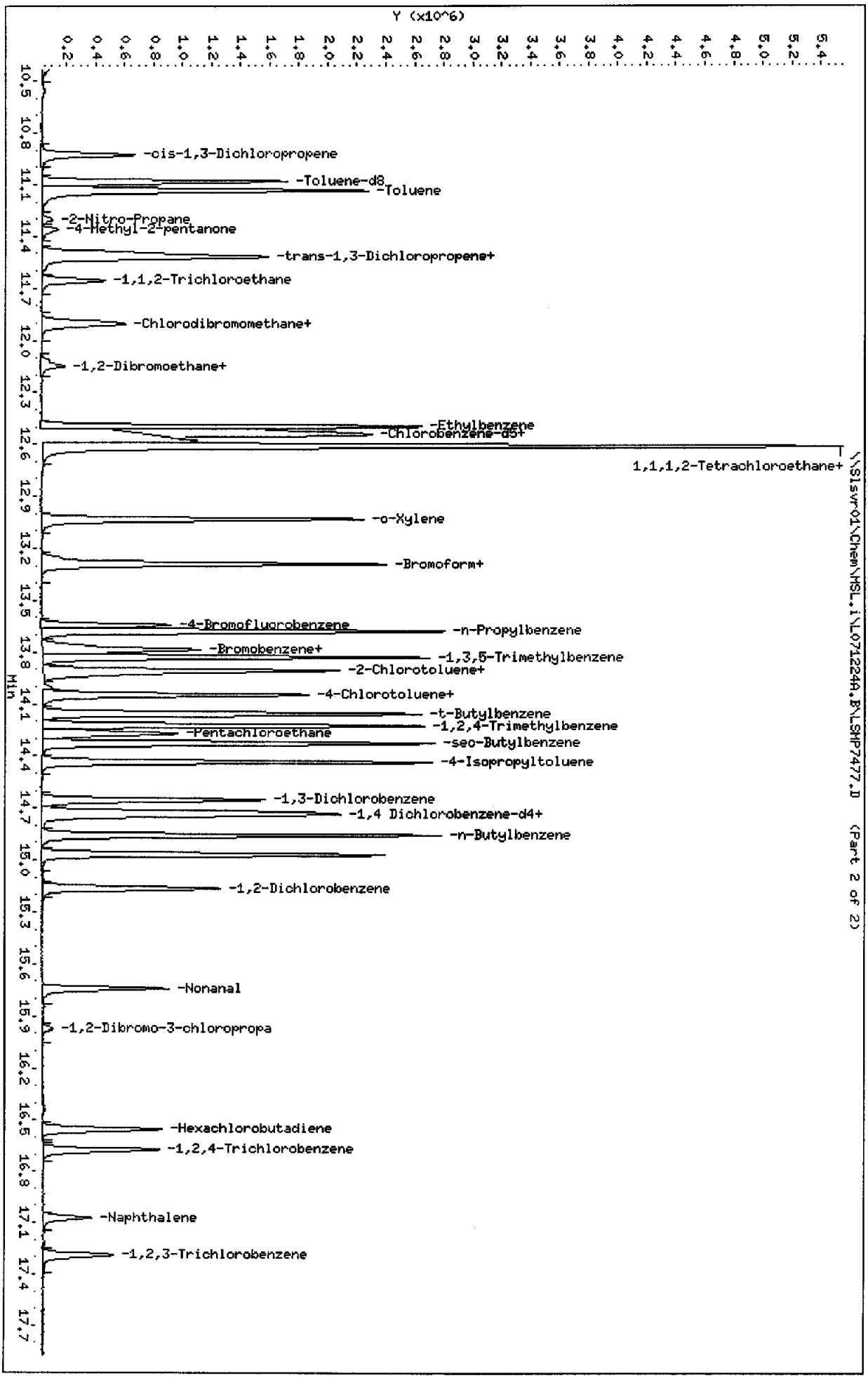
Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: M-7B
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	997443	-17.09
70 Chlorobenzene-d5	752404	376202	1504808	688522	-8.49
94 1,4 Dichlorobenze	317211	158606	634422	292263	-7.86

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7477.D
Date : 24-DEC-2007 21:54
Client ID: H-7B
Sample Info: KEE911AD
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7477.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether+
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane+
-Allyl chloride
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-Acetonitrile+
-Acrylonitrile+
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-n-Butanol+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+

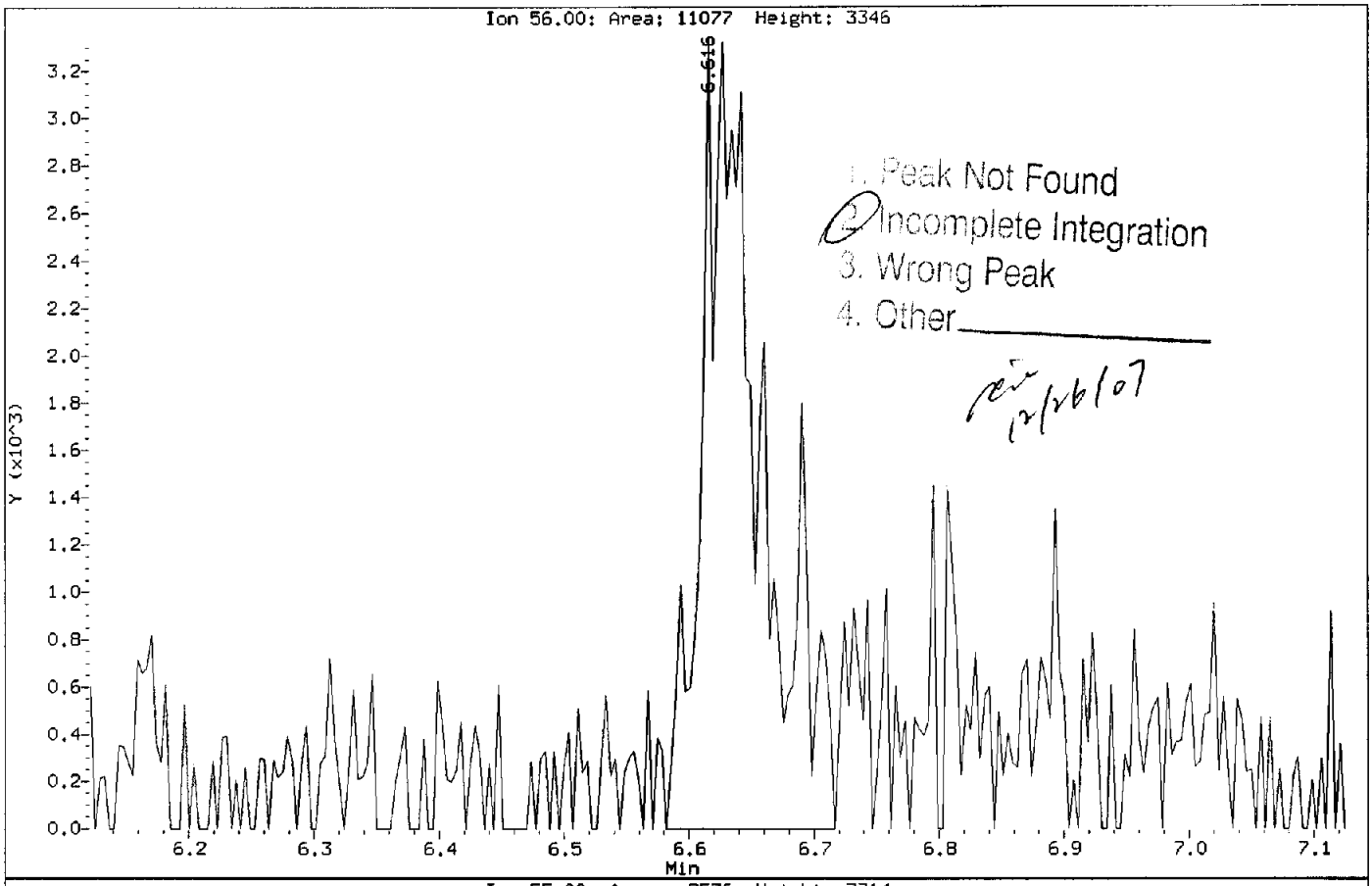


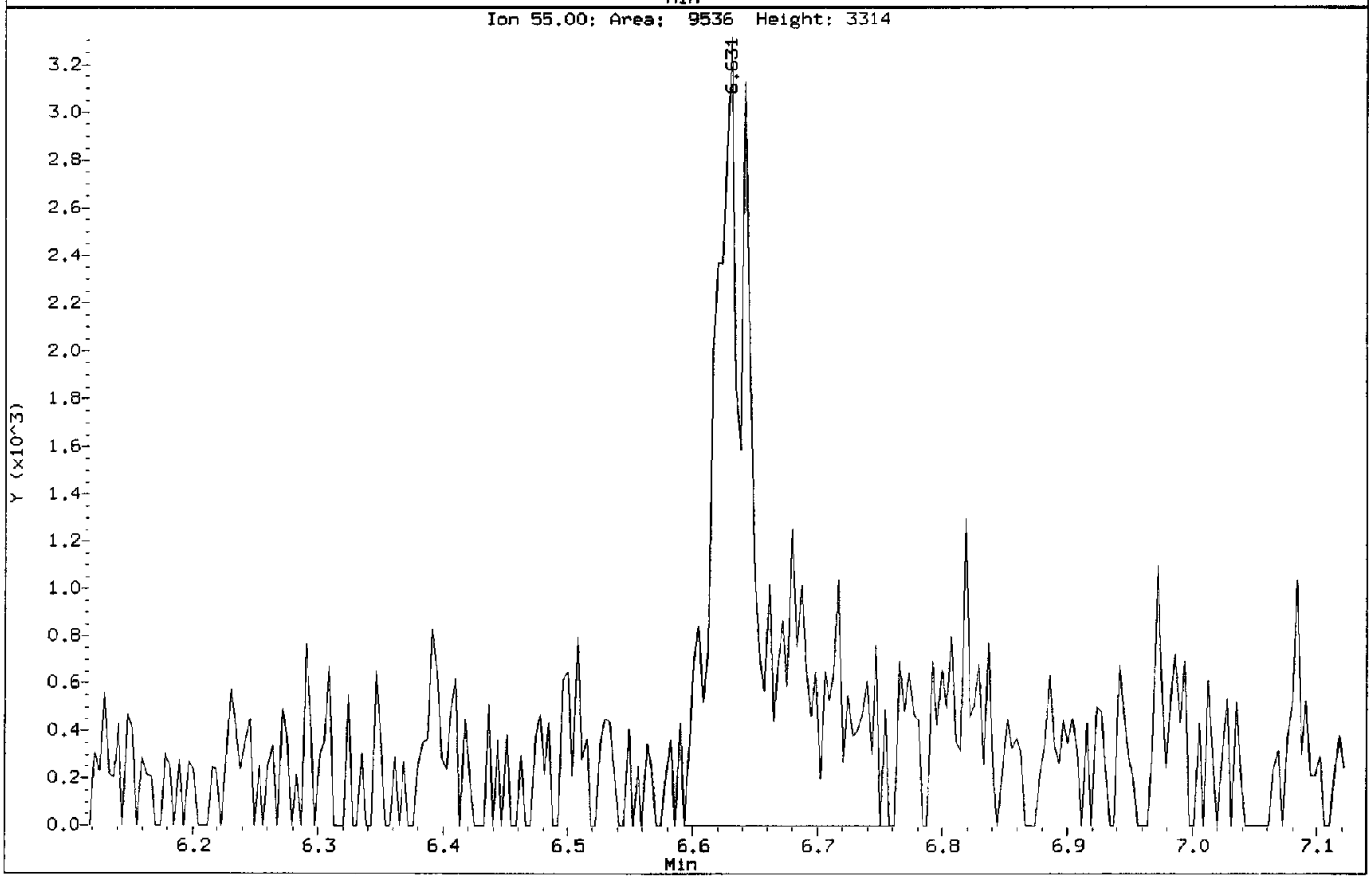
Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7477.D
Date : 24-DEC-2007 21:54
Client ID: H-7B
Sample Info: KEE911AD
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7477.D
Injection Date: 24-DEC-2007 21:54
Instrument: MSL.i
Client Sample ID: M-7B

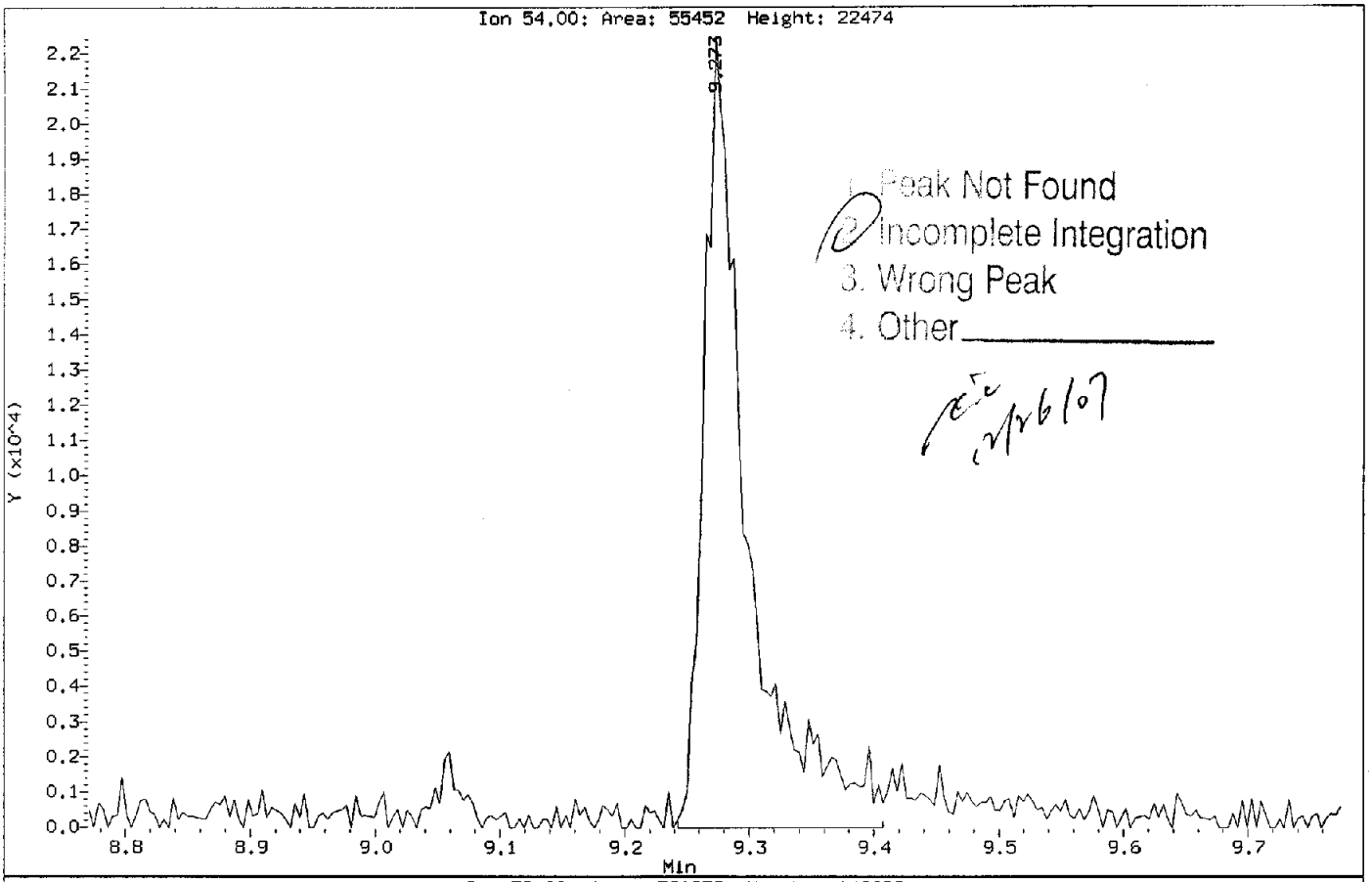
Compound: Acrolein
CAS Number: 107-02-8

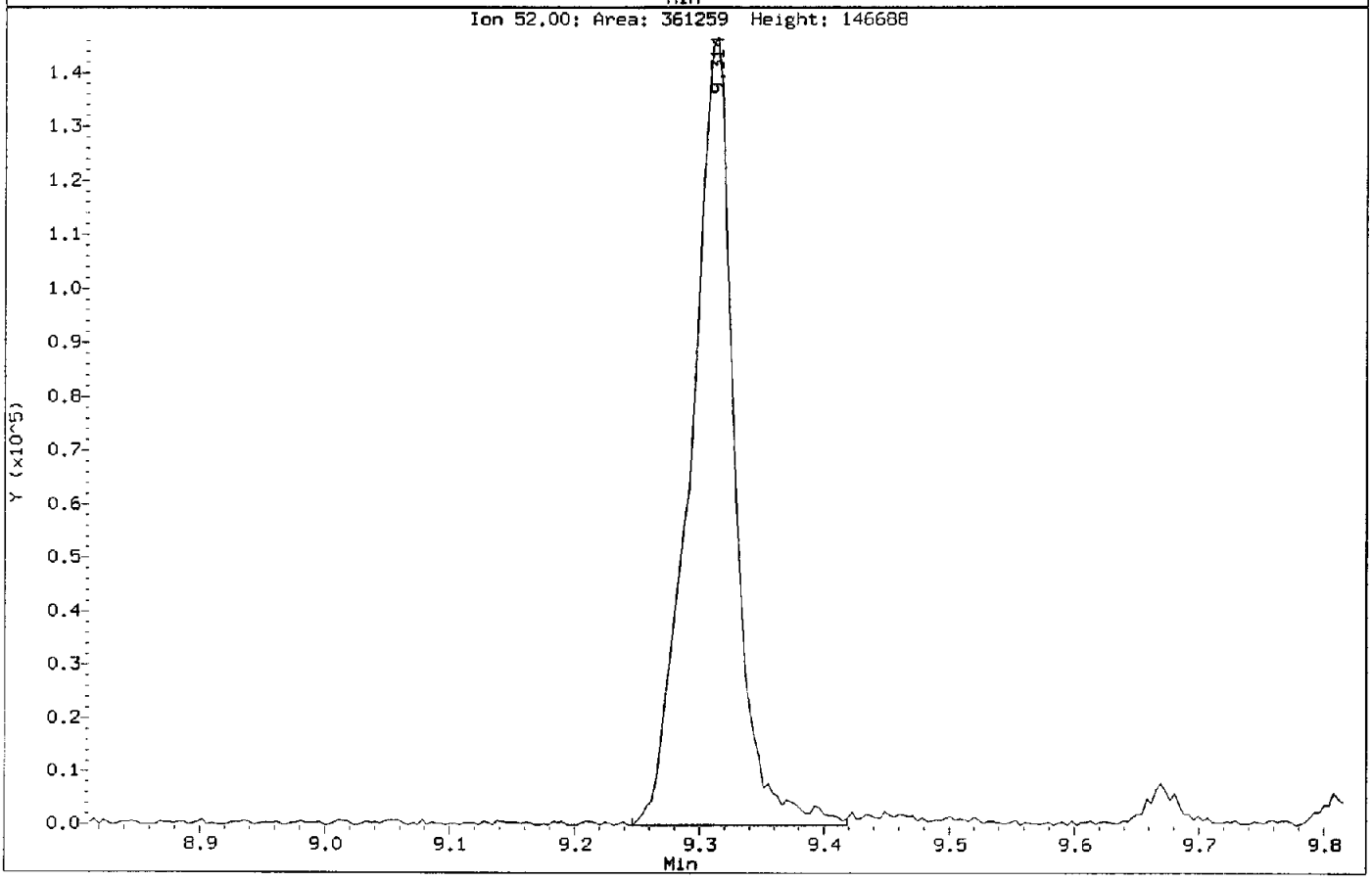




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7477.D
Injection Date: 24-DEC-2007 21:54
Instrument: MSL.i
Client Sample ID: M-7B

Compound: Propionitrile
CAS Number: 107-12-0





Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Report Date: 27-Dec-2007 14:17

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Lab Smp Id: KEE921AC Client Smp ID: M-57A
Inj Date : 21-DEC-2007 22:01
Operator : XIA Inst ID: MSL.i
Smp Info : KEE921AC
Misc Info : VBLKL355A;F7L190135-005S;7358096;2X
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Meth Date : 27-Dec-2007 12:26 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 24 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	12.500	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.464	3.464	(0.358)	87389	3.13297	6.266
2	Freon-114	135	3.745	3.741	(0.387)	36228	5.51997	11.04
3	Chloromethane	50	3.898	3.902	(0.403)	439926	8.67435	17.35
4	Vinyl Chloride	62	4.097	4.097	(0.424)	271457	6.32250	12.64
5	Bromomethane	94	4.808	4.800	(0.497)	295821	10.9604	21.92
6	Chloroethane	64	5.040	5.029	(0.521)	184814	7.12364	14.25
7	Trichlorofluoromethane	101	5.287	5.279	(0.547)	176462	4.65278	9.306(R)
8	Diethyl ether	59	5.796	5.796	(0.599)	159706	21.7794	43.56
9	1,1-Dichloroethene	96	6.155	6.148	(0.636)	159923	7.69321	15.39
10	1,1,2-Trichlorofluoroethane	101	6.132	6.136	(0.634)	88241	4.20091	8.402(R)
11	Carbon Disulfide	76	6.312	6.308	(0.653)	610509	8.93749	17.87
12	Iodomethane	142	6.443	6.436	(0.666)	64713	8.91598	17.83(M)
13	Acrolein	56	6.630	6.615	(0.685)	16966	46.2584	92.52(M)
14	Allyl chloride	39	6.817	6.814	(0.705)	256584	10.9225	21.84
15	Methylene Chloride	84	6.971	6.963	(0.721)	222042	11.4521	22.90
16	Acetone	43	6.971	6.975	(0.721)	15277	8.19274	16.38(M)
17	trans-1,2-Dichloroethene	96	7.184	7.177	(0.743)	236877	9.47674	18.95
18	n-Hexane	57	7.180	7.177	(0.742)	198639	4.50167	9.003
19	Methyl Acetate	74	7.132	7.128	(0.737)	14406	7.73345	15.47(M)
20	MTBE	73	7.214	7.214	(0.746)	241165	10.6710	21.34
M 21	1,2-Dichloroethene (total)	96				470061	20.3194	40.64
22	Acetonitrile	41	7.573	7.570	(0.783)	27258	51.3541	102.7(M)

12/27/07

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Report Date: 27-Dec-2007 14:17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.914	7.910	(0.818)	112463	58.5123	117.0
	24 1,1-Dichloroethane	63	7.876	7.873	(0.814)	470264	10.6796	21.36
	25 2-Chloro-1,3-butadiene	53	7.846	7.843	(0.811)	291248	8.21279	16.42
	26 Vinyl acetate	43	8.082	8.082	(0.836)	148472	13.3213	26.64
	27 cis-1,2-Dichloroethene	96	8.464	8.460	(0.875)	233184	10.8426	21.68
	28 2,2-Dichloropropane	77	8.539	8.535	(0.883)	298810	8.13873	16.28
	29 Bromochloromethane	128	8.700	8.703	(0.899)	73256	14.6747	29.35(RM)
	30 Cyclohexane	84	8.707	8.666	(0.900)	380341	9.84534	19.69(H)
	31 Chloroform	83	8.707	8.707	(0.900)	8503140	235.798	471.6(AR)
	32 Ethyl acetate	43	8.752	8.752	(0.905)	56449	53.9313	107.9(RM)
	33 Carbon Tetrachloride	117	8.902	8.894	(0.920)	248009	8.41626	16.83
	34 Isobutanol	42	8.894	8.898	(0.920)	64085	190.862	381.7
	35 Tetrahydrofuran	71	8.894	8.902	(0.920)	22983	45.8477	91.70
$	36 Dibromofluoromethane	113	8.909	8.906	(0.921)	146098	11.3112	22.62
	37 1,1,1-Trichloroethane	97	8.935	8.936	(0.924)	299875	8.45875	16.92
	38 2-Butanone	43	8.973	8.958	(0.928)	20690	11.8191	23.64(M)
	39 1,1-Dichloropropene	75	9.055	9.048	(0.936)	274469	7.98761	15.98
	40 Benzene	78	9.317	9.313	(0.963)	1077758	10.6925	21.38
	41 Propionitrile	54	9.272	9.276	(0.959)	37105	60.4446	120.9(M)
	42 Methacrylonitrile	41	9.291	9.284	(0.961)	169492	60.4227	120.8
$	43 1,2-Dichloroethane-d4	65	9.441	9.444	(0.976)	105828	10.4190	20.84
	44 1,2-Dichloroethane	62	9.512	9.512	(0.983)	156244	11.5446	23.09
*	45 Fluorobenzene	96	9.673	9.673	(1.000)	871220	10.0000	
	46 n-Butanol	56	10.077	10.047	(1.042)	3278	46.3510	92.70(M)
	47 Methylcyclohexane	55	9.811	9.815	(1.014)	152078	4.15765	8.315(R)
	48 Trichloroethene	130	9.852	9.852	(1.019)	257551	10.5499	21.10
	49 Dibromomethane	93	10.316	10.313	(1.067)	48839	11.2005	22.40
	50 1,2-Dichloropropane	63	10.324	10.324	(1.067)	211271	11.0602	22.12
	51 Bromodichloromethane	83	10.391	10.388	(1.074)	218462	11.9179	23.84
M	52 Xylenes (total)	106				1438040	28.7260	57.45
	53 Methyl methacrylate	69	10.406	10.406	(1.076)	33232	9.25438	18.51
	54 1,4-Dioxane	88	10.556	10.563	(1.091)	10405	93.6531	187.3(M)
	56 cis-1,3-Dichloropropene	75	10.934	10.926	(1.130)	179816	9.49993	19.00
$	57 Toluene-d8	98	11.087	11.084	(0.885)	871047	10.2339	20.47
	58 Toluene	91	11.140	11.136	(0.889)	1146739	9.61160	19.22
	59 2-Nitro-Propane	43	11.304	11.308	(0.902)	26876	8.45025	16.90(M)
	60 4-Methyl-2-pentanone	43	11.372	11.364	(0.908)	47073	9.29721	18.59
	61 trans-1,3-Dichloropropene	75	11.495	11.491	(0.918)	133057	9.36818	18.74
	62 Tetrachloroethene	164	11.525	11.521	(0.920)	176347	8.88040	17.76
	63 Ethyl methacrylate	69	11.510	11.506	(0.919)	75696	7.80468	15.61
	64 1,1,2-Trichloroethane	97	11.660	11.660	(0.931)	88845	10.0867	20.17
	65 Chlorodibromomethane	129	11.892	11.892	(0.949)	87935	10.3860	20.77
	66 1,3-Dichloropropane	76	11.914	11.911	(0.951)	161746	9.97225	19.94
	67 1,2-Dibromoethane	107	12.154	12.154	(0.970)	58039	9.26808	18.54
	68 2-Hexanone	43	12.116	12.120	(0.967)	24336	8.24993	16.50
	69 Ethylbenzene	106	12.502	12.498	(0.998)	389823	9.09963	18.20
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	569258	10.0000	
	71 Chlorobenzene	112	12.550	12.547	(1.002)	629624	10.3126	20.62
	72 1,1,1,2-Tetrachloroethane	131	12.584	12.580	(1.004)	166190	10.1649	20.33
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1011297	18.7038	37.41
	74 o-Xylene	106	13.037	13.033	(1.041)	426743	10.0222	20.04
	75 Styrene	104	13.089	13.089	(1.045)	565649	9.09587	18.19
	76 Bromoform	173	13.261	13.258	(0.900)	38862	10.6869	21.37
	77 Isopropylbenzene	105	13.291	13.291	(0.902)	1034197	8.10074	16.20

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Report Date: 27-Dec-2007 14:17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$	78 4-Bromofluorobenzene	95	13.643	13.647	(0.926)	209664	9.43832	18.88
	79 n-Propylbenzene	91	13.681	13.681	(0.929)	1457767	8.19907	16.40
	80 Bromobenzene	156	13.793	13.793	(0.936)	174929	9.67790	19.36
	81 1,1,2,2-Tetrachloroethane	83	13.759	13.767	(0.934)	88279	9.61655	19.23
	82 1,3,5-Trimethylbenzene	105	13.830	13.834	(0.939)	946245	8.75092	17.50
	83 2-Chlorotoluene	91	13.913	13.909	(0.945)	765289	9.01866	18.04
	84 1,2,3-Trichloropropane	110	13.935	13.935	(0.946)	23928	10.0845	20.17(M)
	85 trans-1,4-dichloro-2-butene	53	13.931	13.935	(0.946)	20429	9.47125	18.94(M)
	86 4-Chlorotoluene	91	14.051	14.051	(0.954)	720056	9.08330	18.17
	87 Cyclohexanone	55	14.010	14.010	(0.951)	9033	21.9679	43.94
	88 t-Butylbenzene	119	14.160	14.160	(0.961)	805691	8.33781	16.68
	89 Pentachloroethane	167	14.272	14.276	(0.969)	98664	11.0371	22.07
	90 1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	954234	9.10202	18.20
	91 sec-Butylbenzene	105	14.332	14.332	(0.973)	1219443	7.68898	15.38
	92 4-Isopropyltoluene	119	14.437	14.440	(0.980)	1020152	8.47341	16.95
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	403588	9.69559	19.39
*	94 1,4 Dichlorobenzene-d4	152	14.728	14.725	(1.000)	226061	10.0000	
	95 1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	536561	13.0715	26.14(R)
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	1021161	7.96604	15.93
	98 1,2-Dichlorobenzene	146	15.162	15.166	(1.029)	345161	11.2081	22.42
	99 1,2-Dibromo-3-chloropropane	157	15.978	15.978	(1.085)	8718	8.90328	17.81
	100 Hexachlorobutadiene	225	16.558	16.558	(1.124)	89670	7.40520	14.81
	101 1,2,4-Trichlorobenzene	180	16.682	16.682	(1.133)	137528	9.89906	19.80
	102 Naphthalene	128	17.079	17.079	(1.160)	131136	8.17885	16.36
	103 1,2,3-Trichlorobenzene	180	17.296	17.292	(1.174)	71831	9.23672	18.47
	143 Nonanal	57	15.750	15.750	(1.628)	28071	4.91977	9.840

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Report Date: 27-Dec-2007 14:17

STL St. Louis

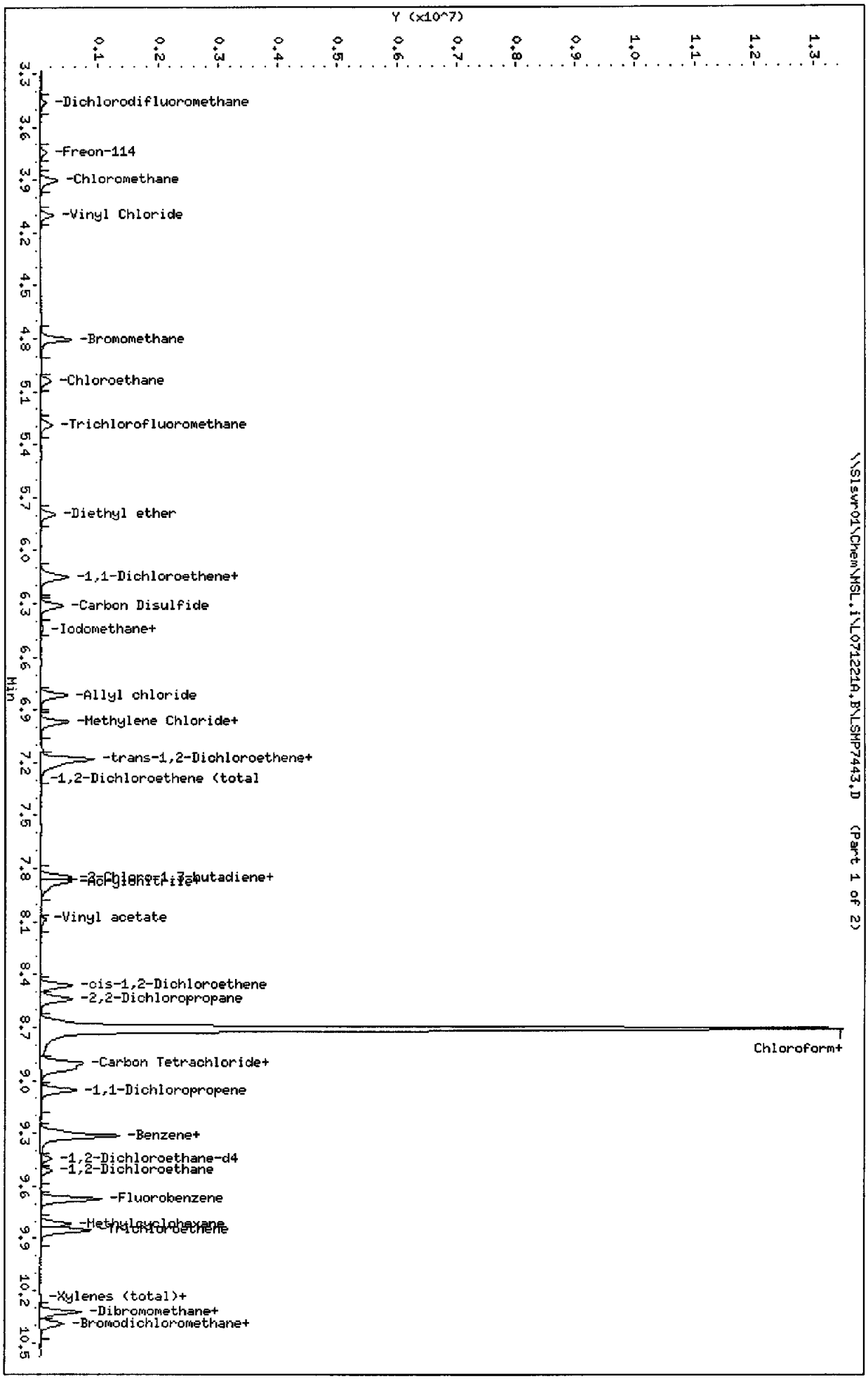
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LSMP7443.D
Lab Smp Id: KEE921AC
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 21-DEC-2007
Calibration Time: 13:05
Client Smp ID: M-57A
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Misc Info: VBLKL355A;F7L190135-005S;7358096;2X

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1399217	699609	2798434	871220	-37.74
70 Chlorobenzene-d5	802936	401468	1605872	569258	-29.10
94 1,4 Dichlorobenze	308619	154310	617238	226061	-26.75

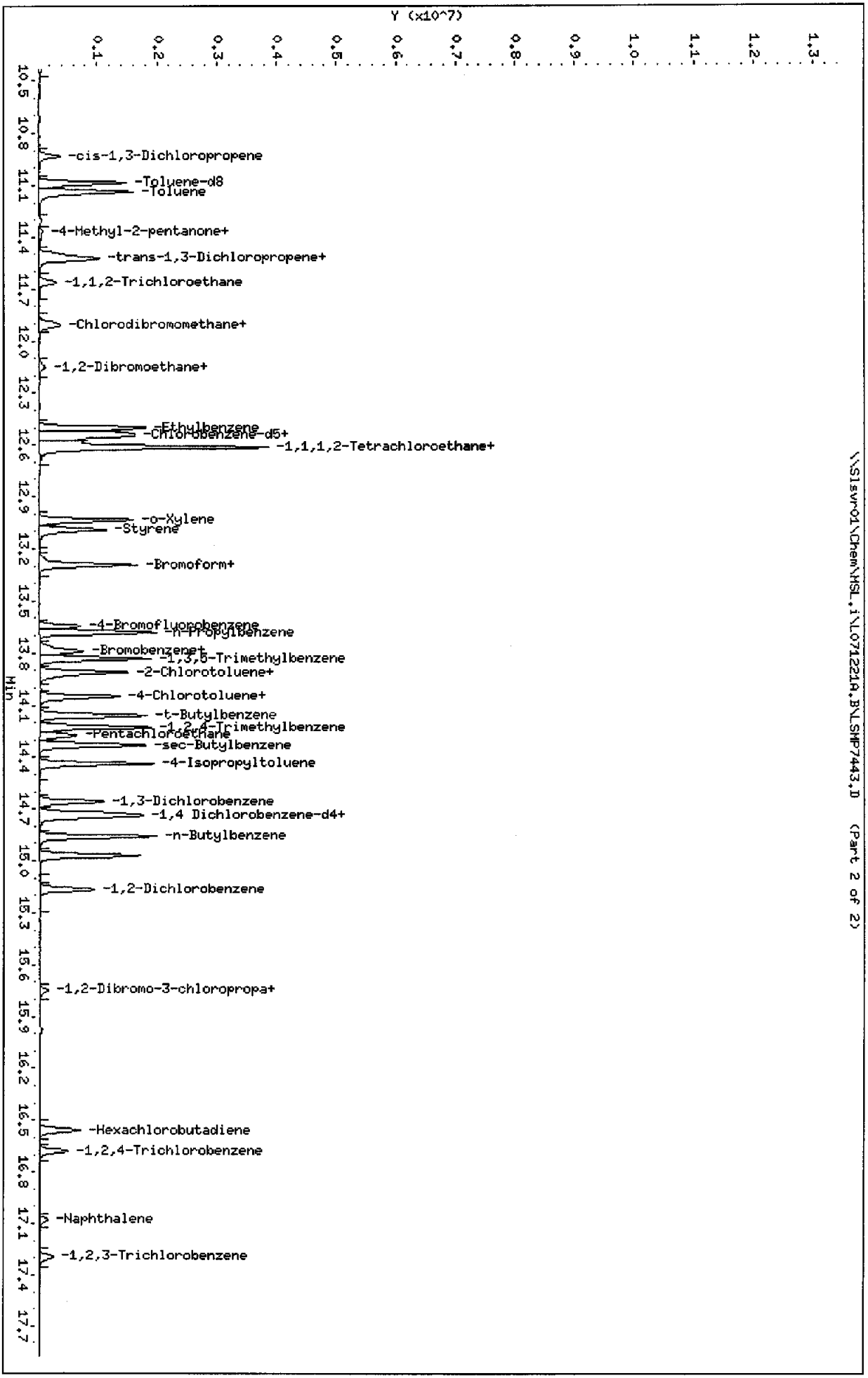
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



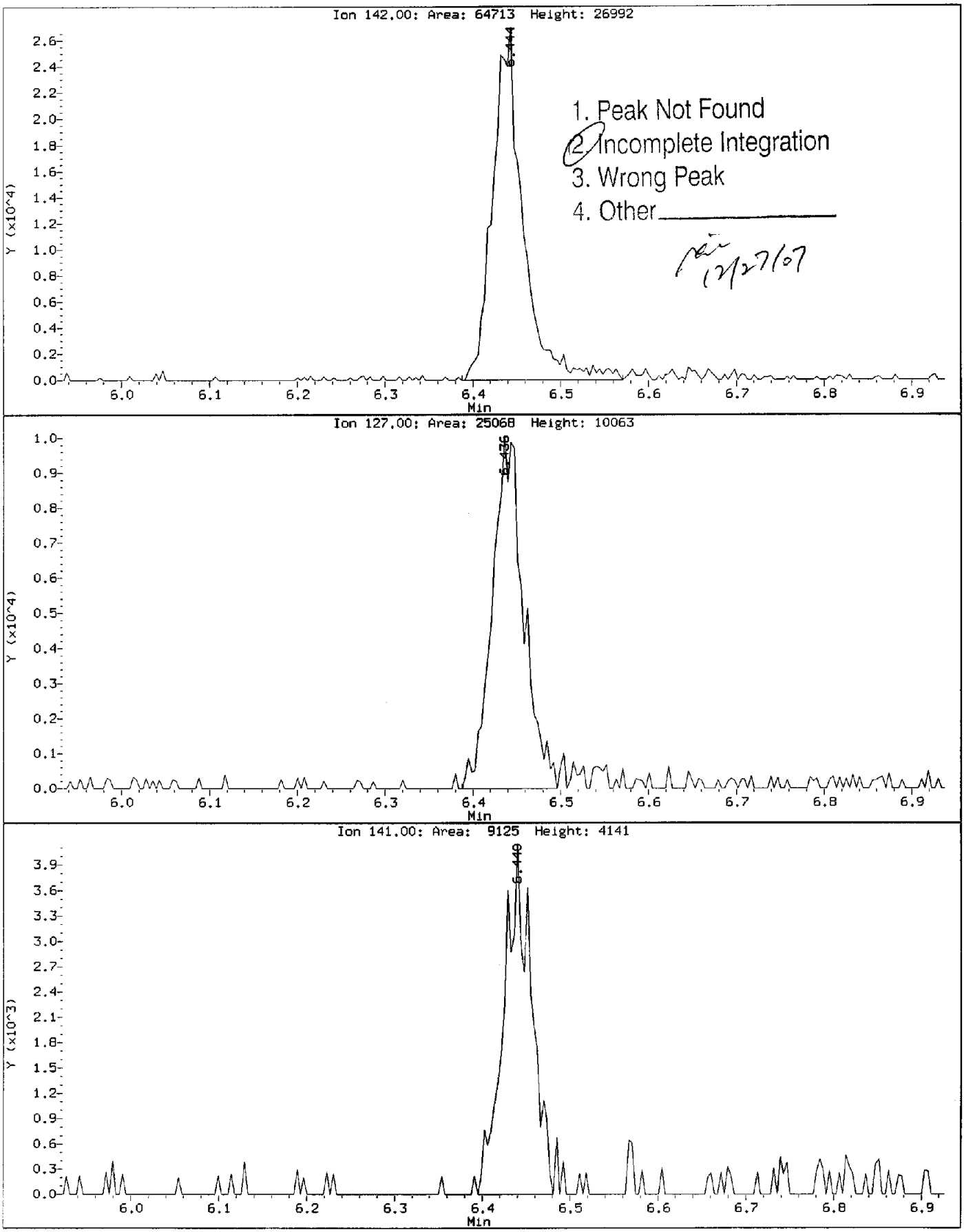
Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Date : 21-DEC-2007 22:01
Client ID: H-57A
Sample Info: KEE921AC
Purge Volume: 12.5
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSHP7443.D
Date : 21-DEC-2007 22:01
Client ID: M-57A
Sample Info: KEE921AC
Purge Volume: 12.5
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071221A.B\LSHP7443.D (Part 2 of 2)
Y (x10^7)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
Min
10.5
10.8
11.1
11.4
11.7
12.0
12.3
12.6
12.9
13.2
13.5
13.8
14.1
14.4
14.7
15.0
15.3
15.6
15.9
16.2
16.5
16.8
17.1
17.4
17.7
-cis-1,3-Dichloropropene
-Toluene-d8
-Toluene
-4-Methyl-2-pentanone+
-trans-1,3-Dichloropropene+
-1,1,2-Trichloroethane
-Chlorodibromomethane+
-1,2-Dibromoethane+
-Ethylbenzene
-Chlorobenzene-d5+
-1,1,1,2-Tetrachloroethane+
-o-Xylene
-Styrene
-Bromoform+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-4-Chlorotoluene+
-t-Butylbenzene
-1,2,4-Trimethylbenzene
-Pentachloroethane
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa+
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene

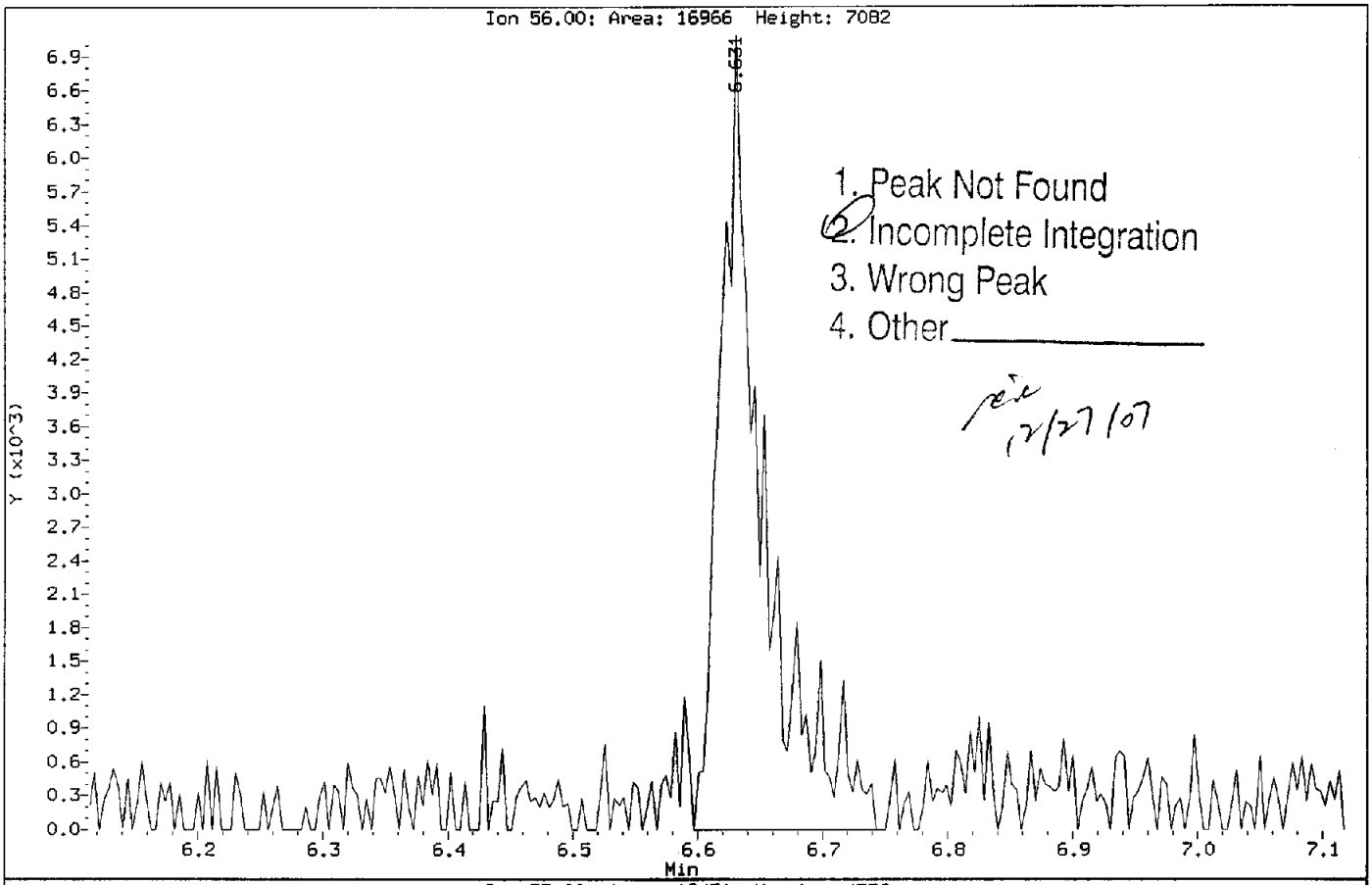
Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

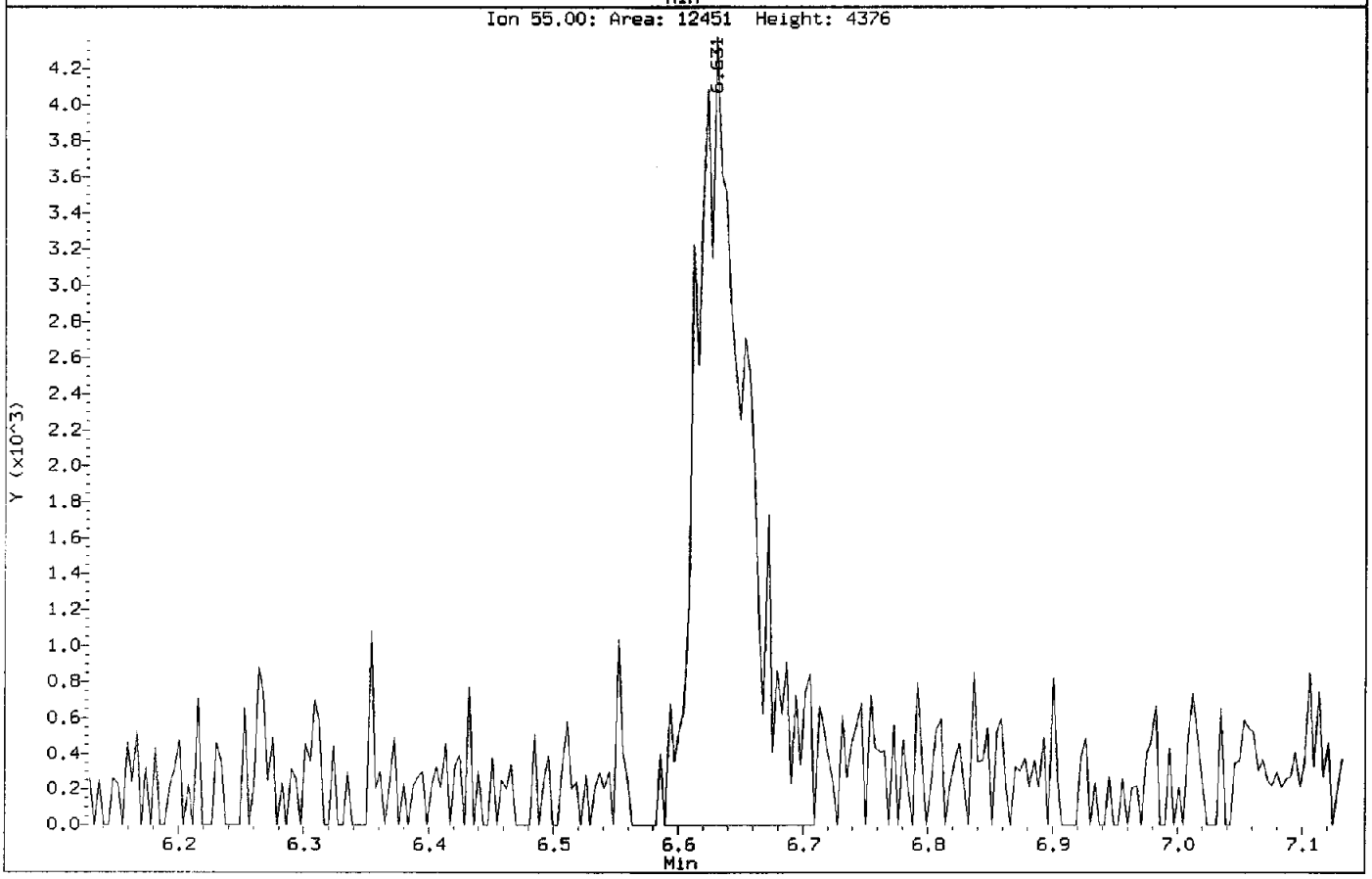
Compound: Iodomethane
CAS Number: 74-88-4



Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

Compound: Acrolein
CAS Number: 107-02-8





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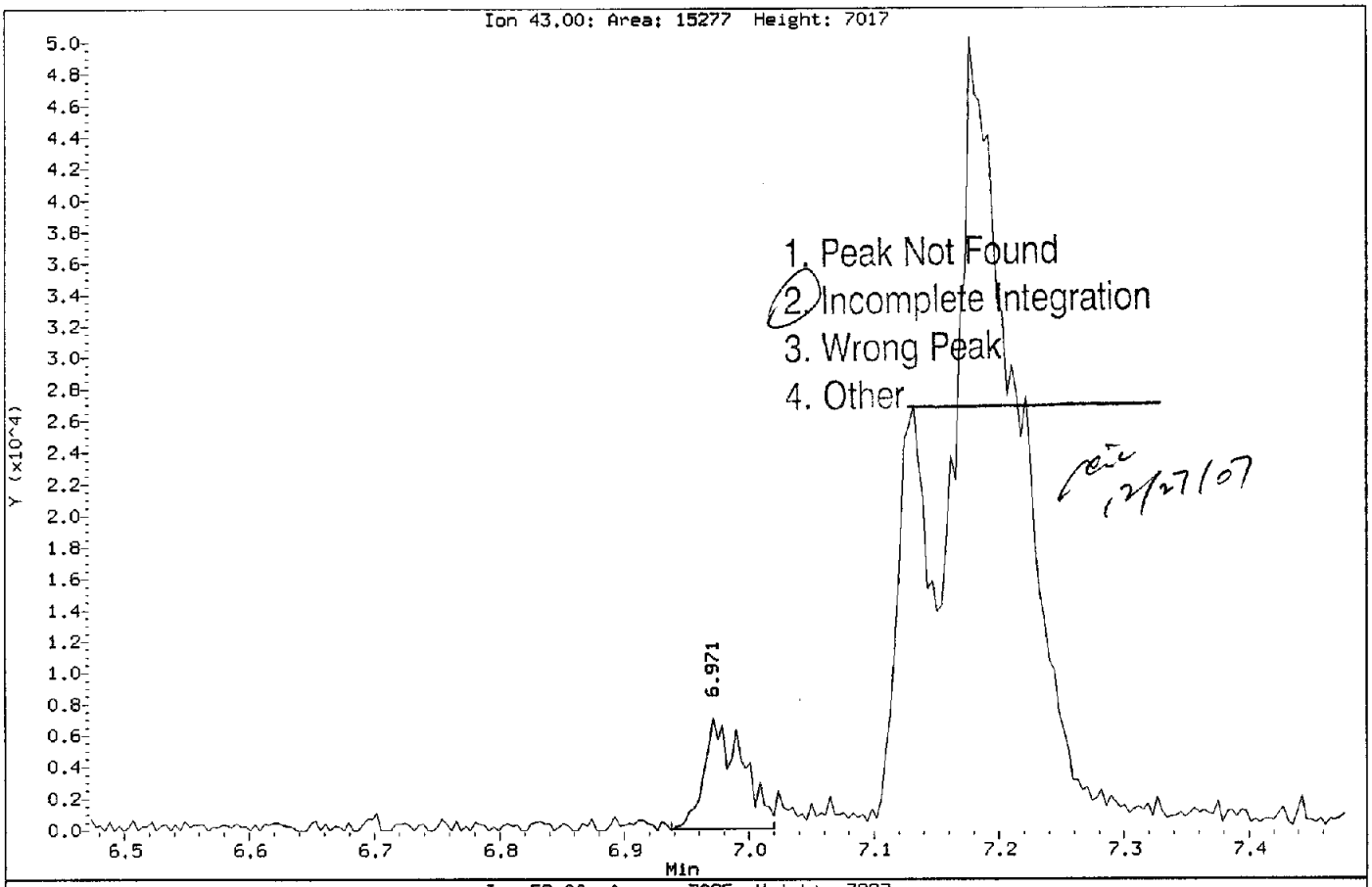
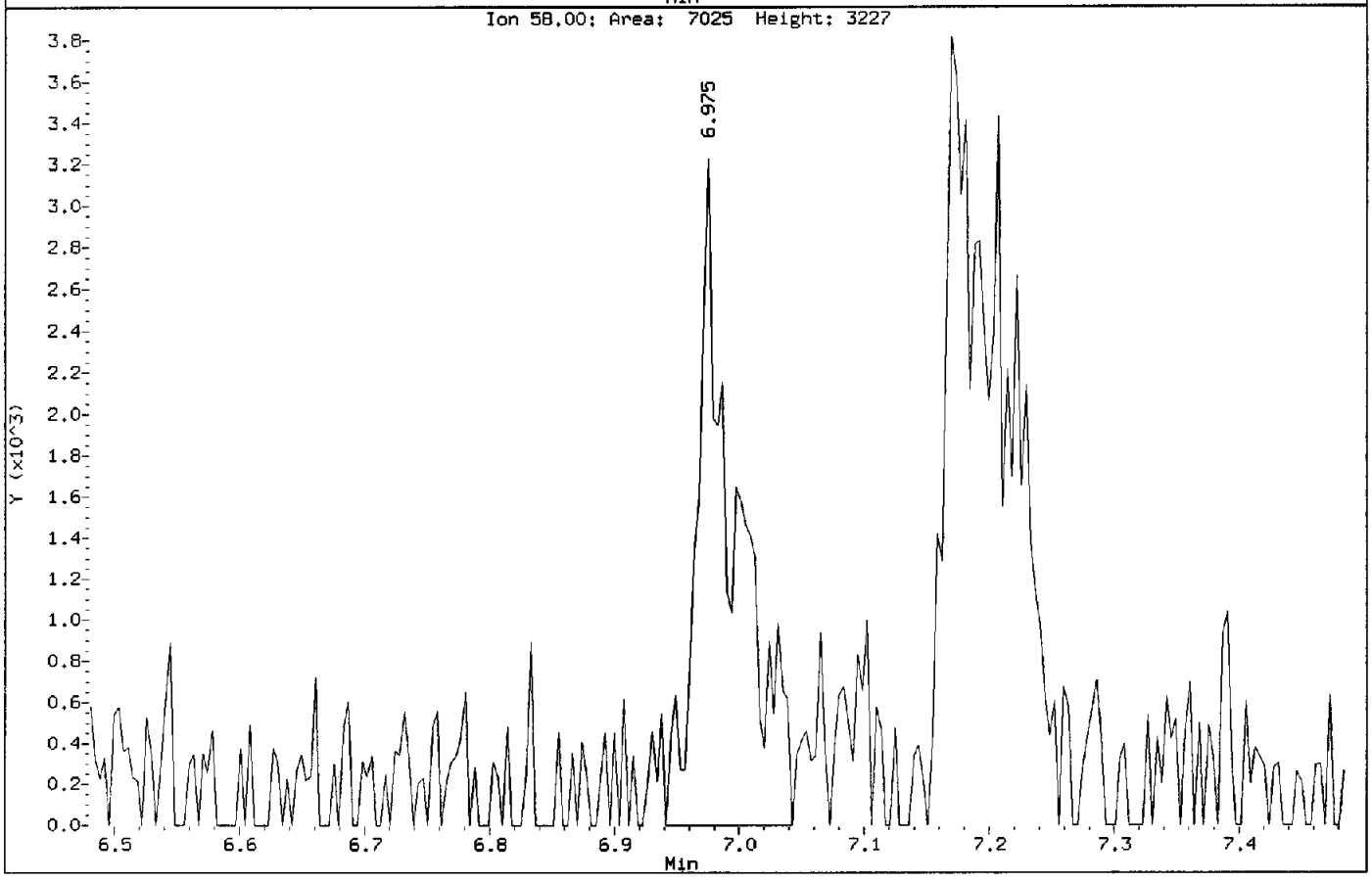
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

Compound: Acetone
CAS Number: 67-64-1





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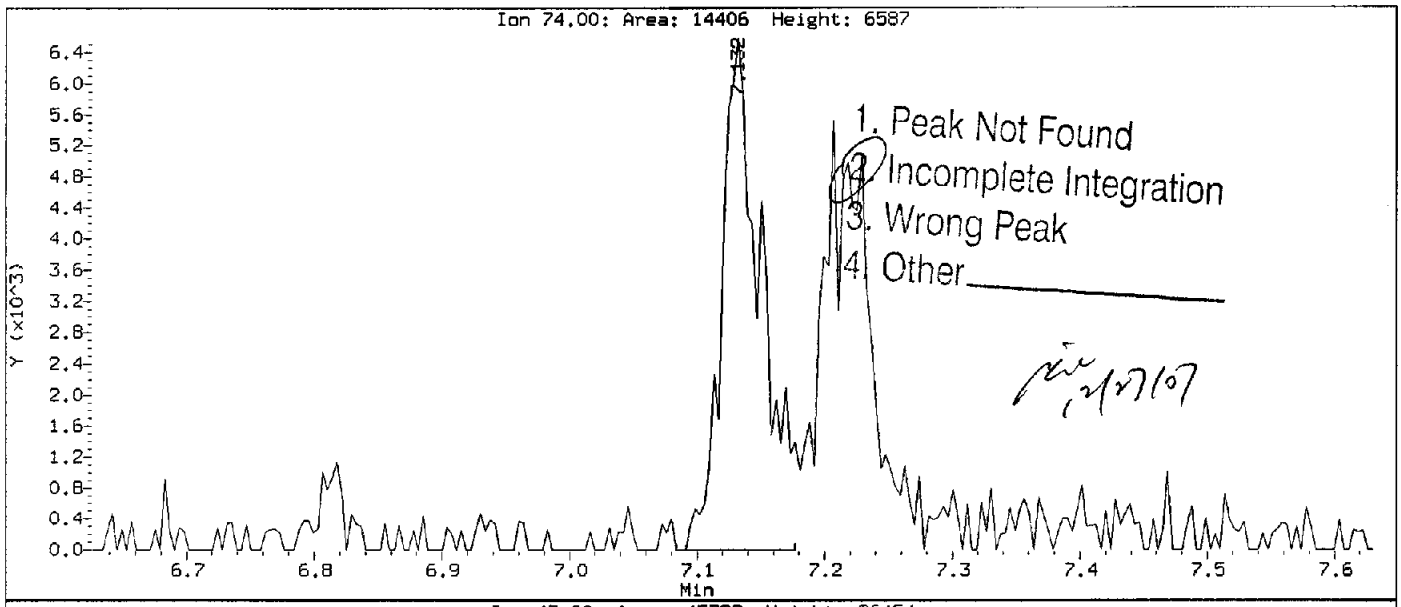
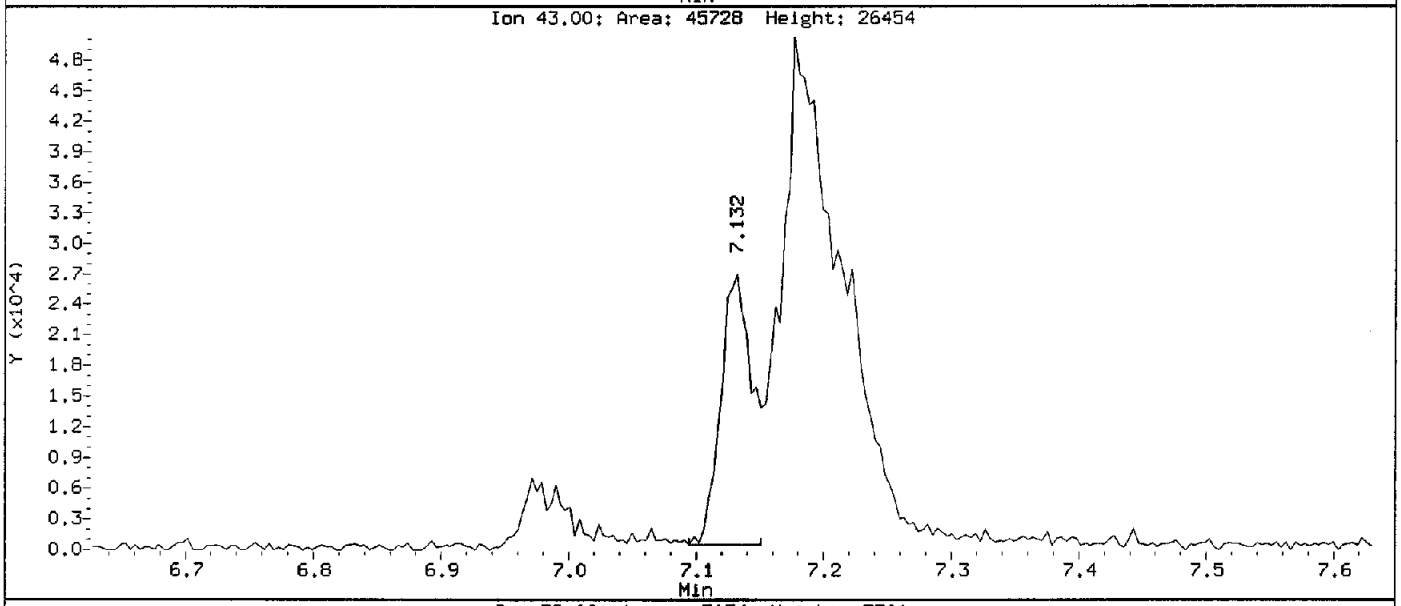
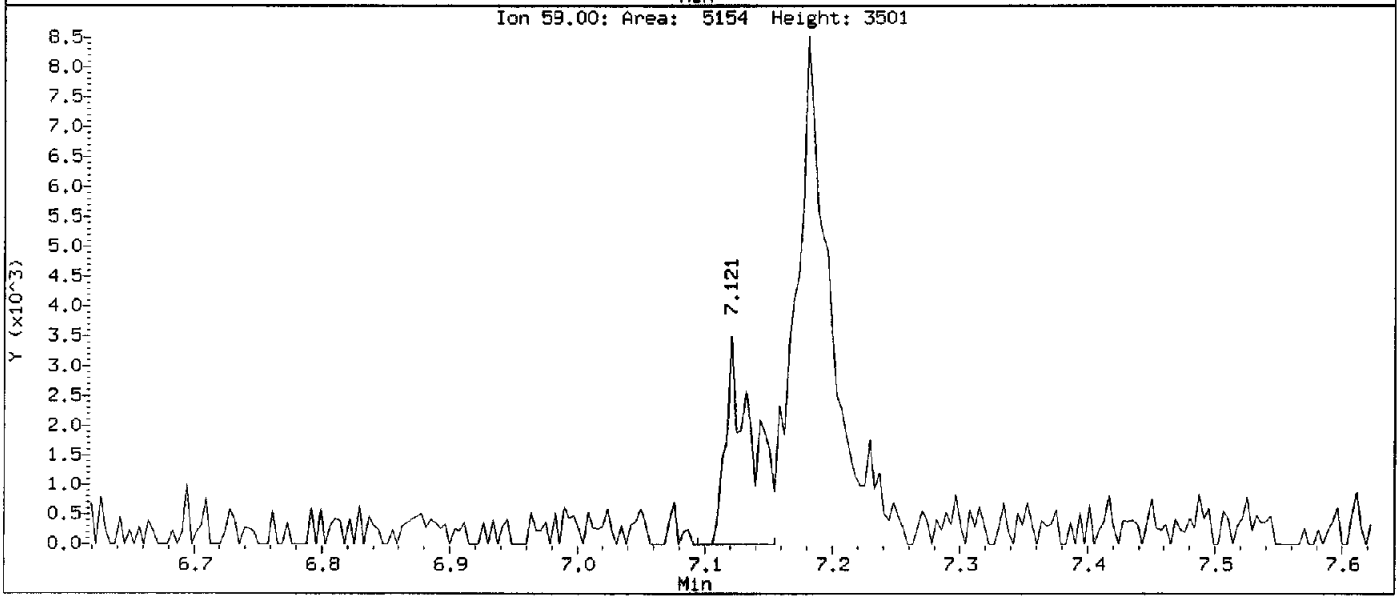
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

Compound: Methyl Acetate
CAS Number:

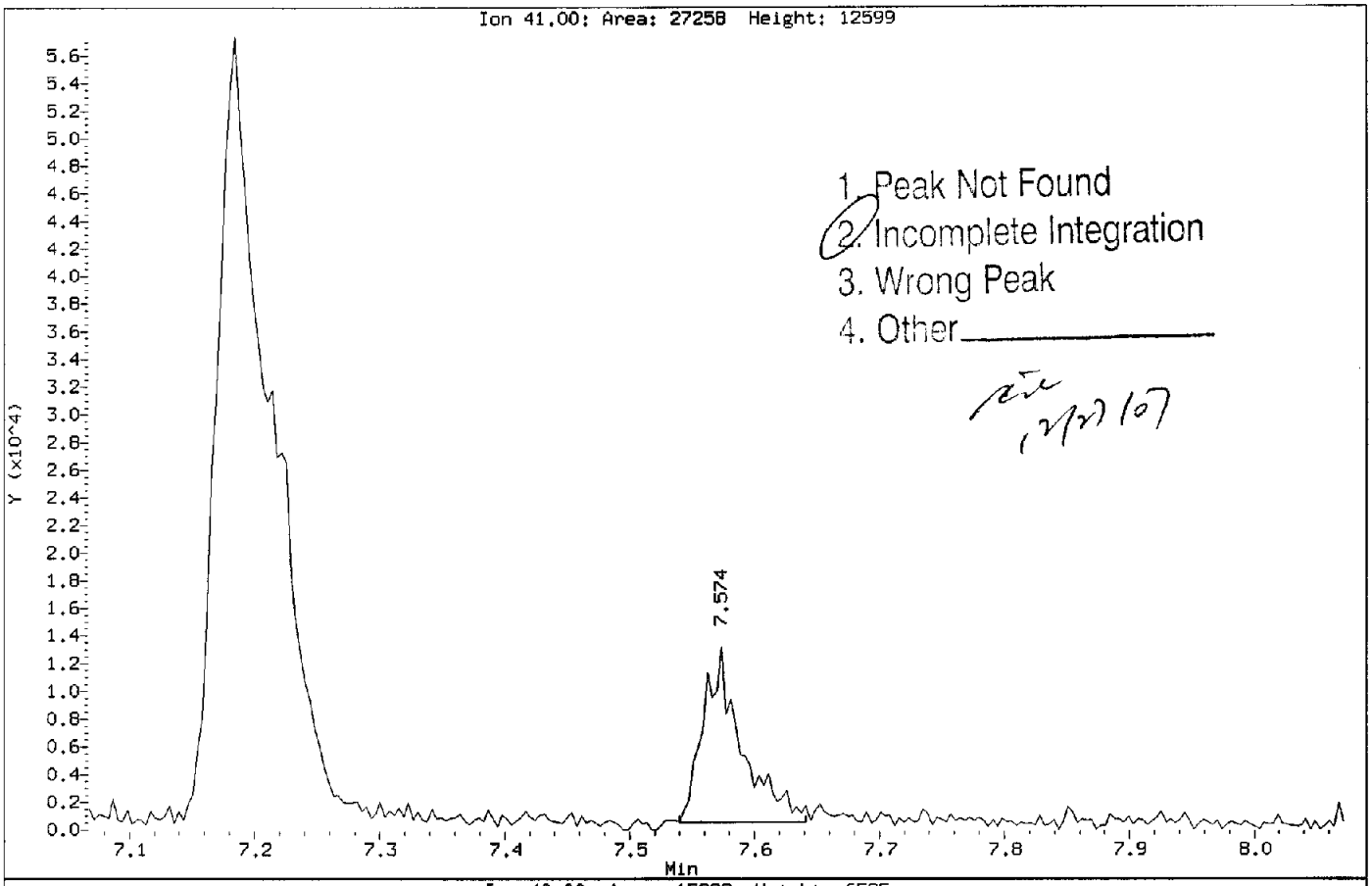


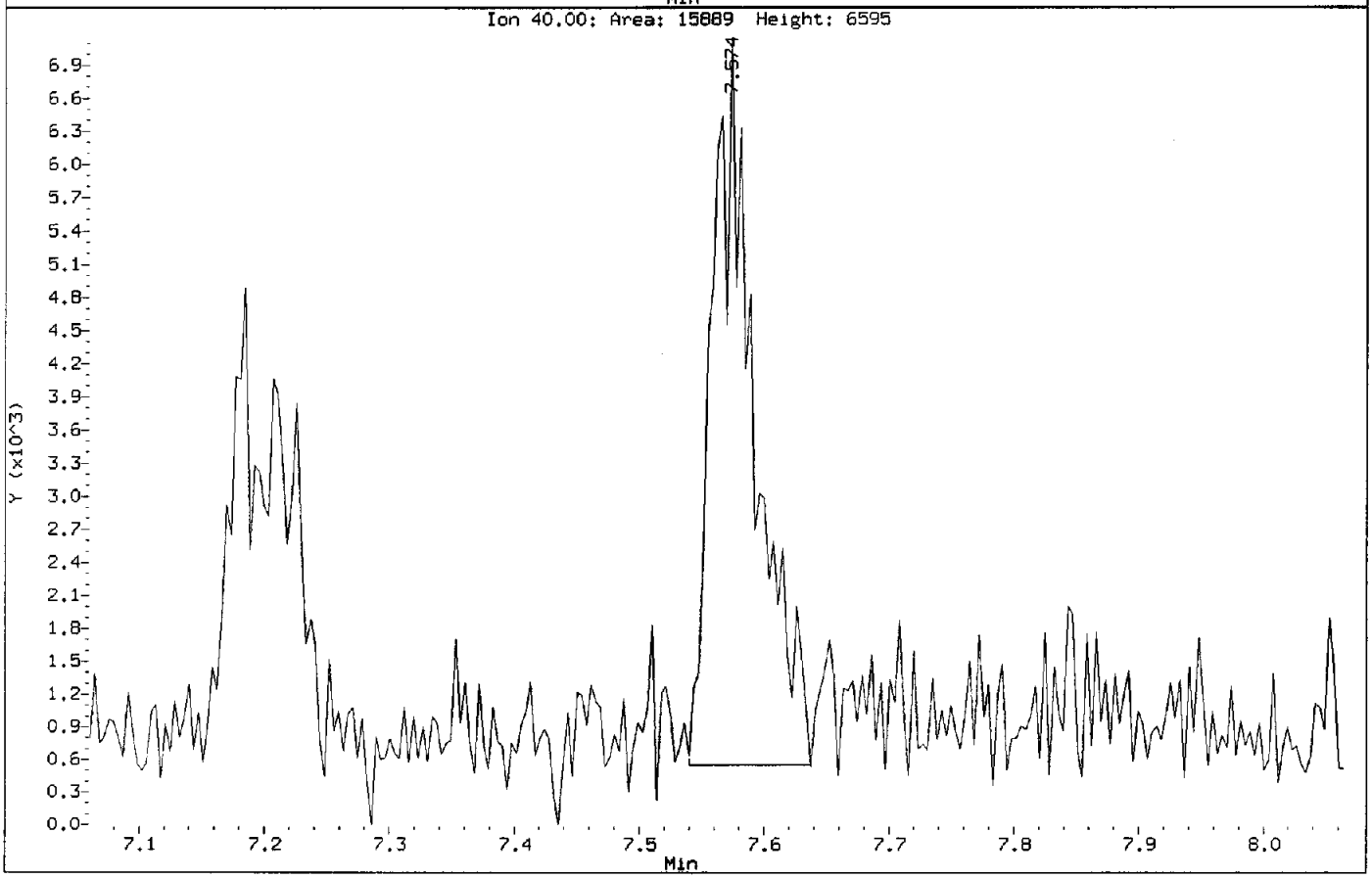




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

Compound: Acetonitrile
CAS Number: 75-05-8





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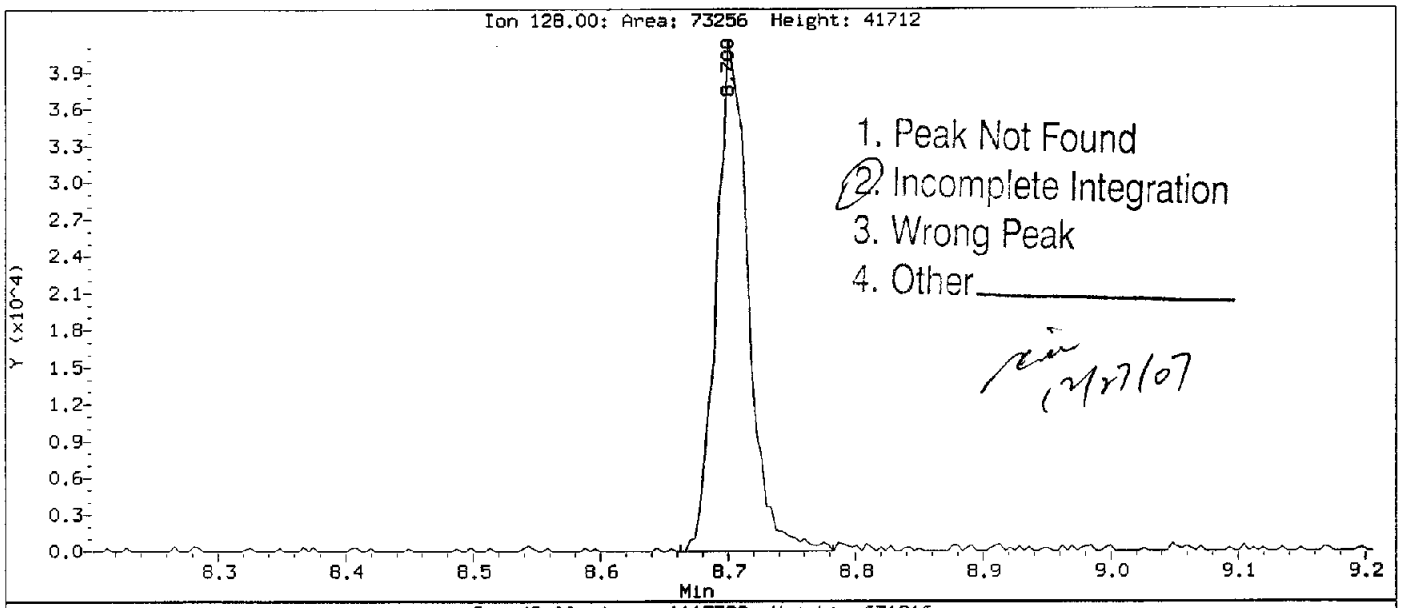
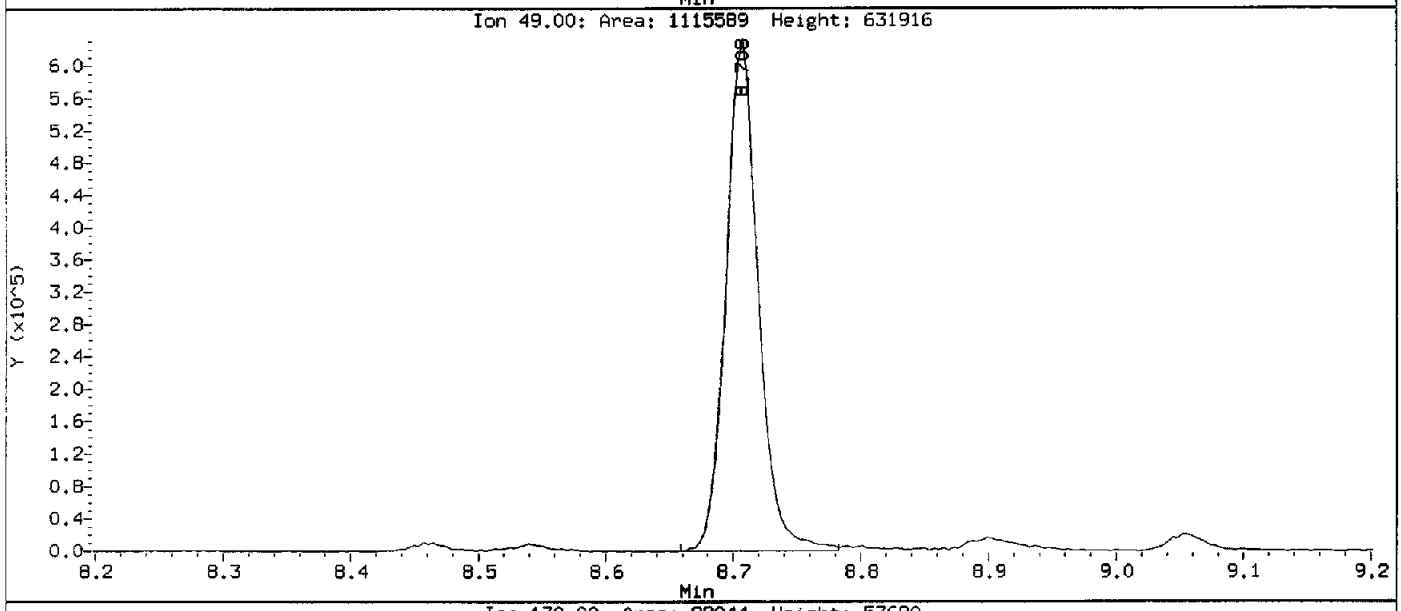
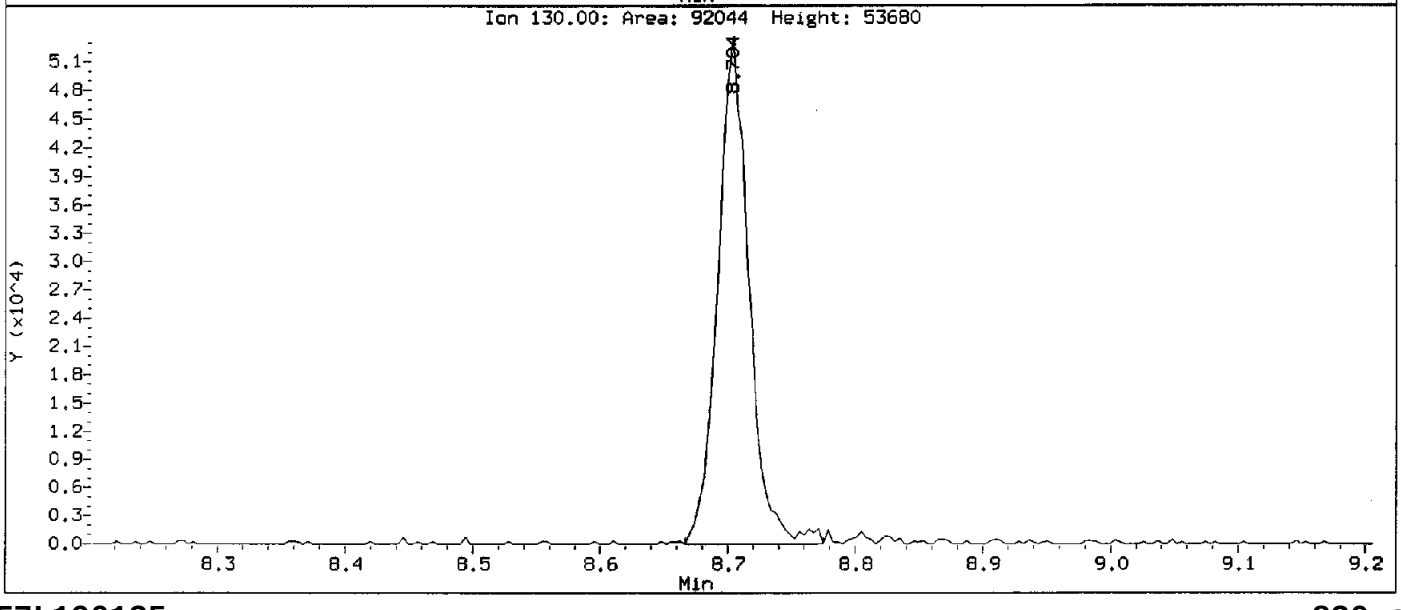
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

Compound: Bromochloromethane
CAS Number: 74-97-5

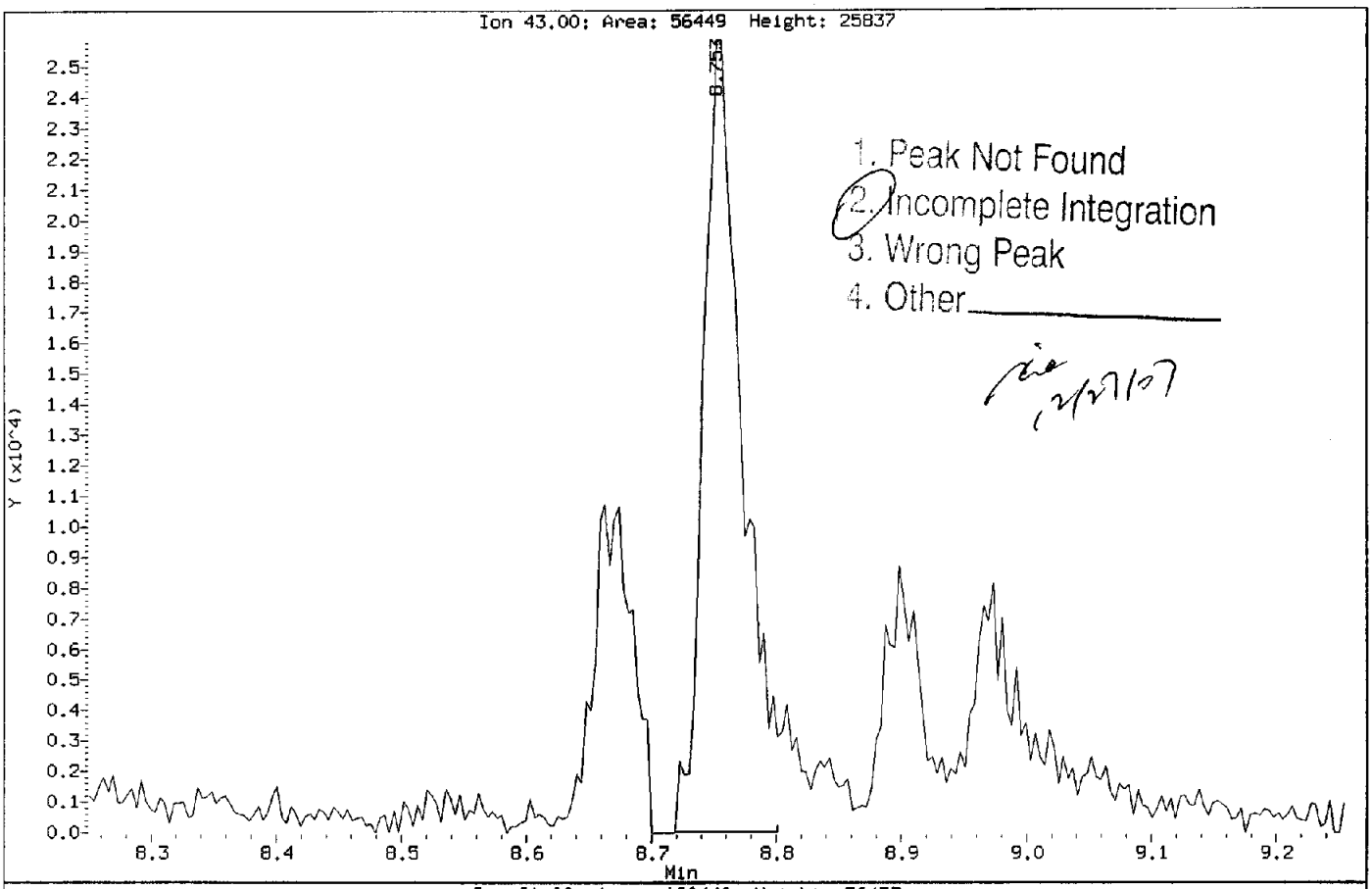


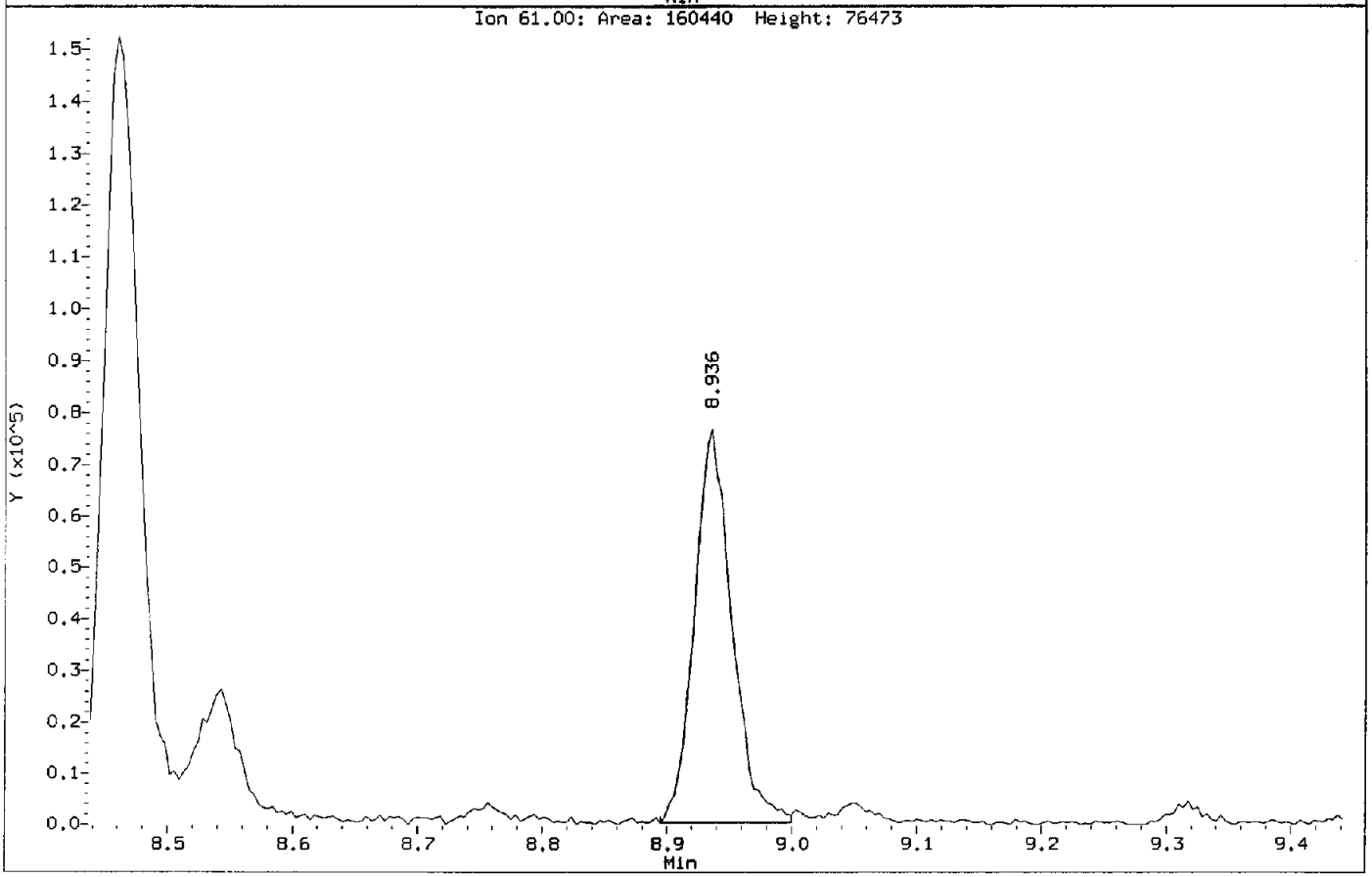




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

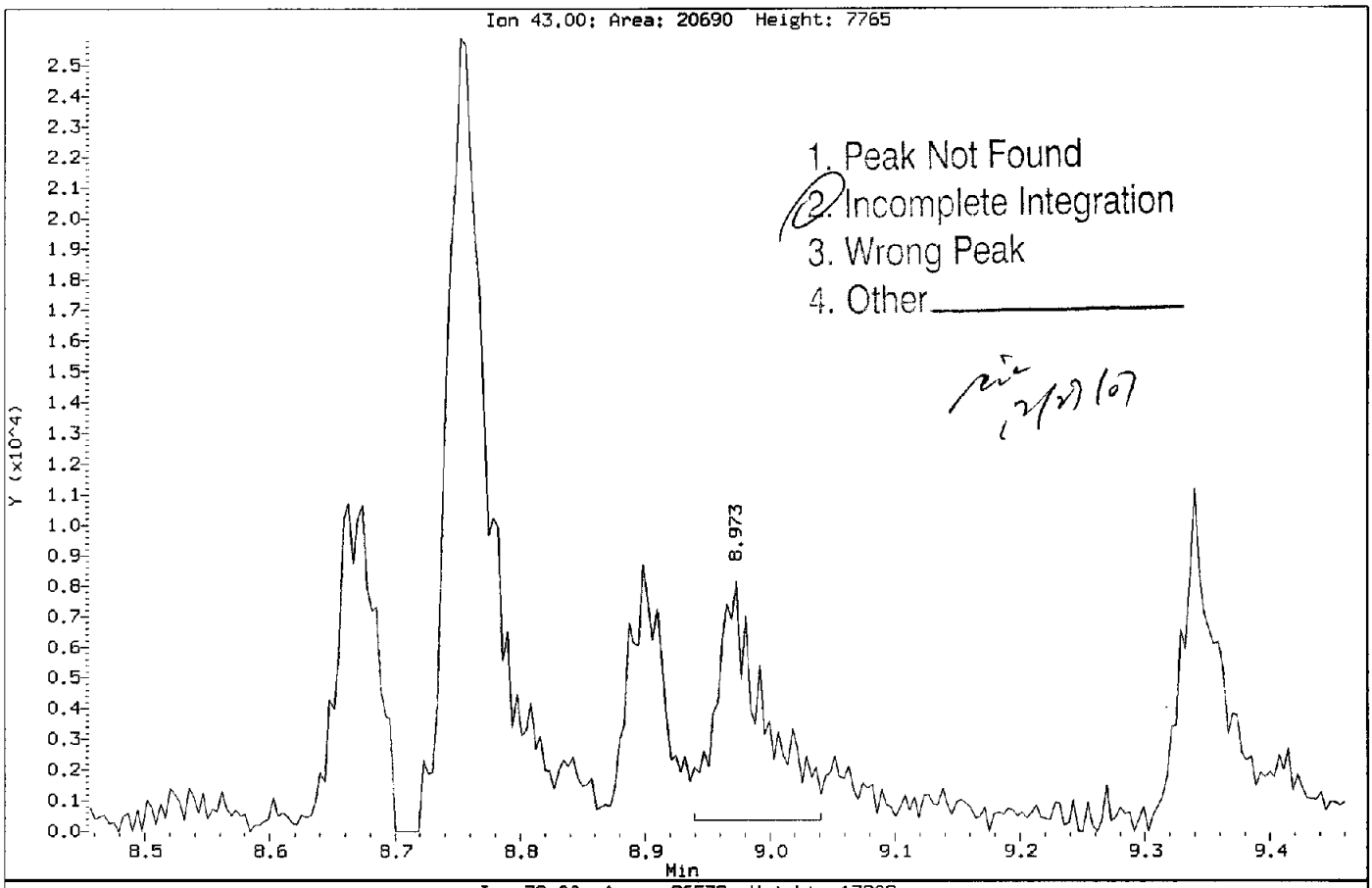
Compound: Ethyl acetate
CAS Number: 141-78-6

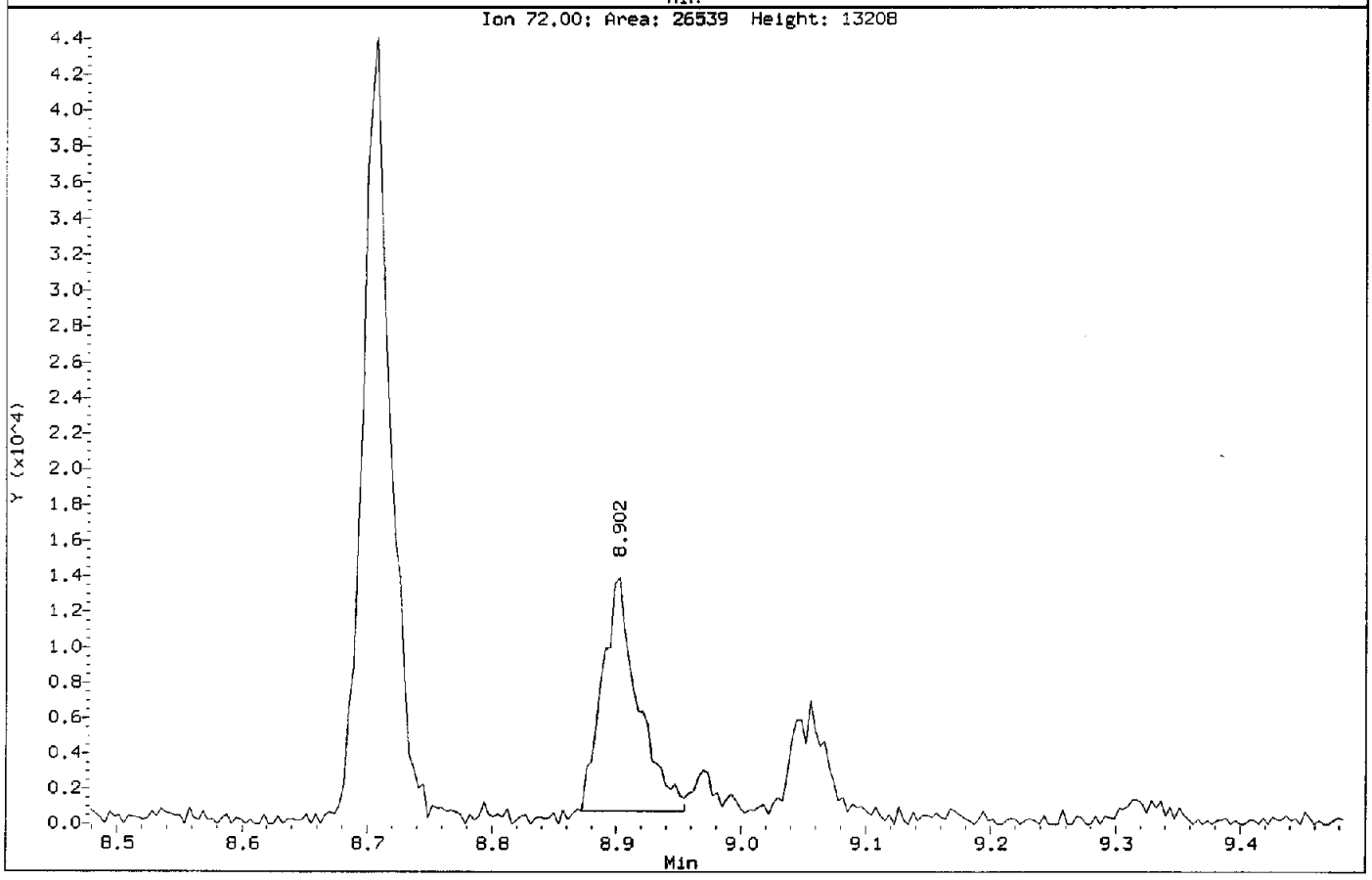




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

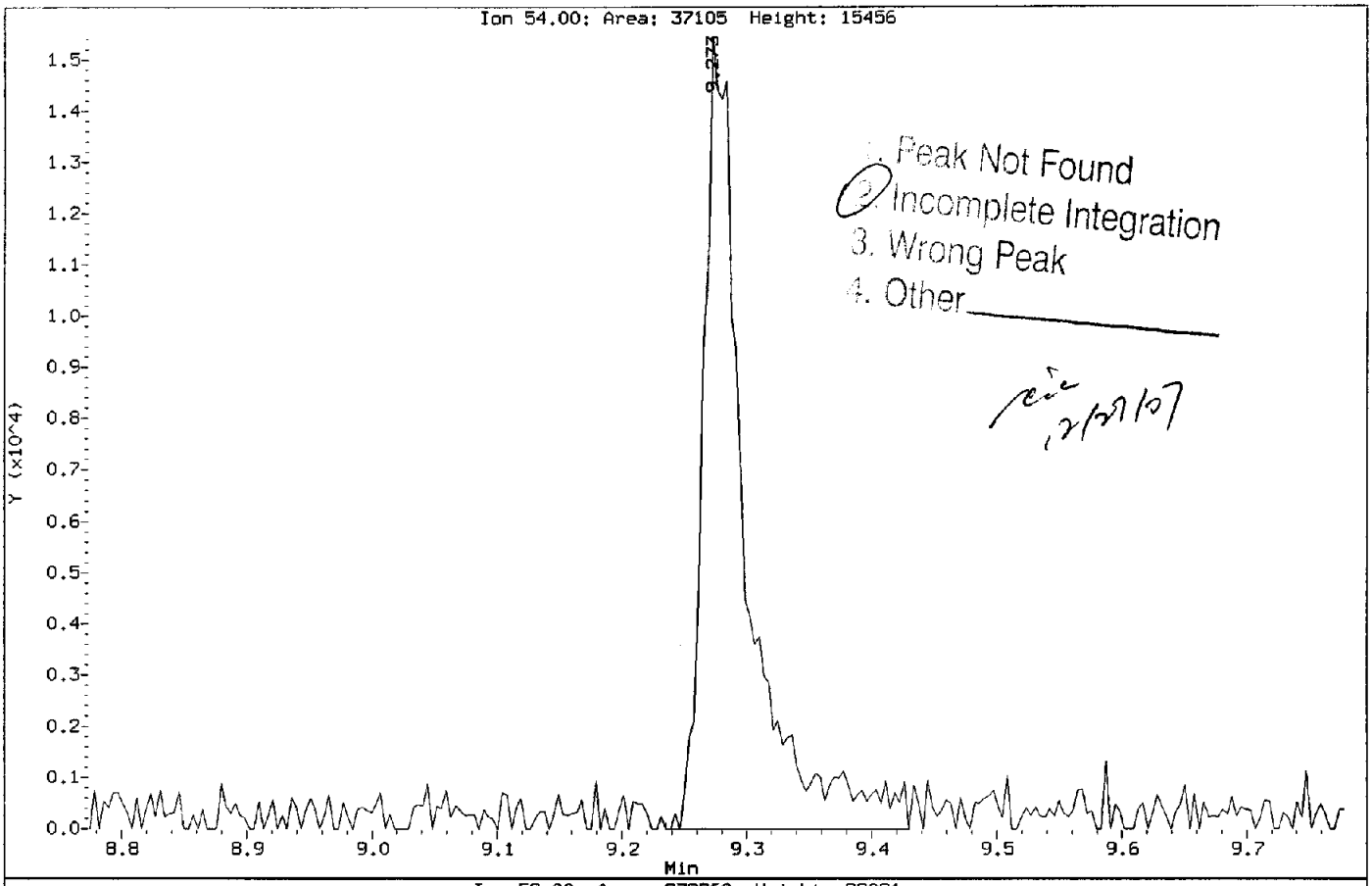
Compound: 2-Butanone
CAS Number: 78-93-3

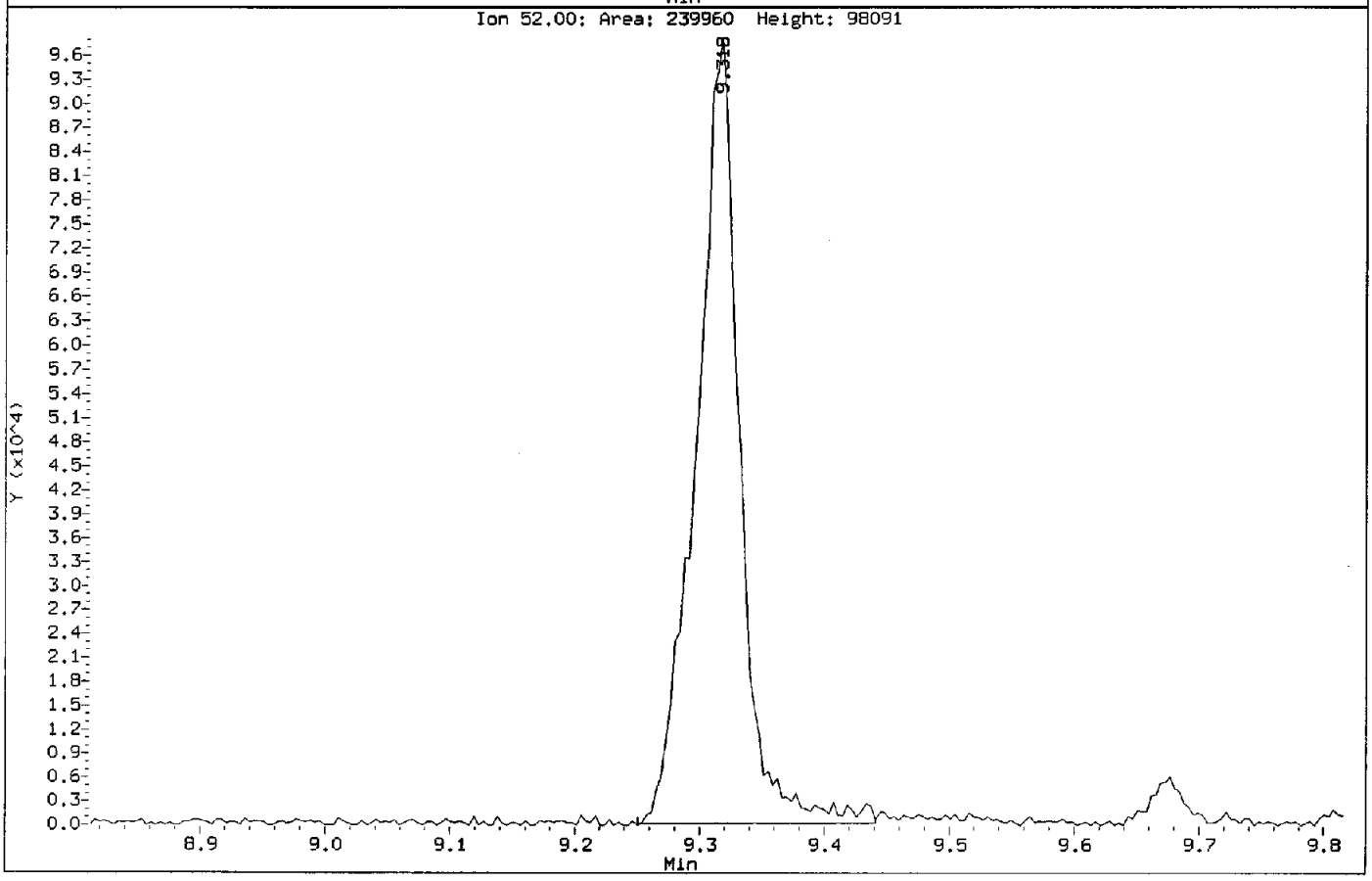




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

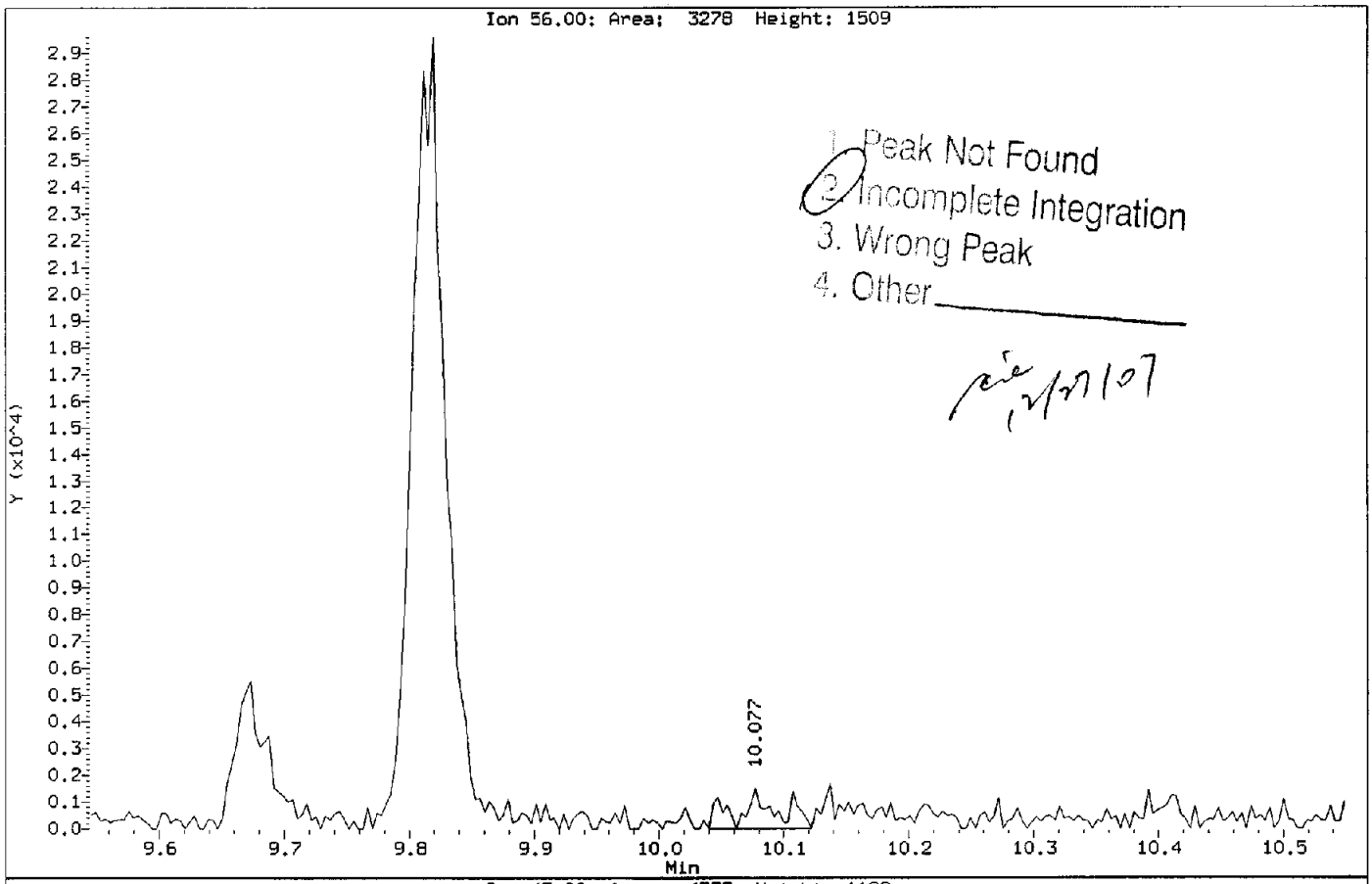
Compound: Propionitrile
CAS Number: 107-12-0





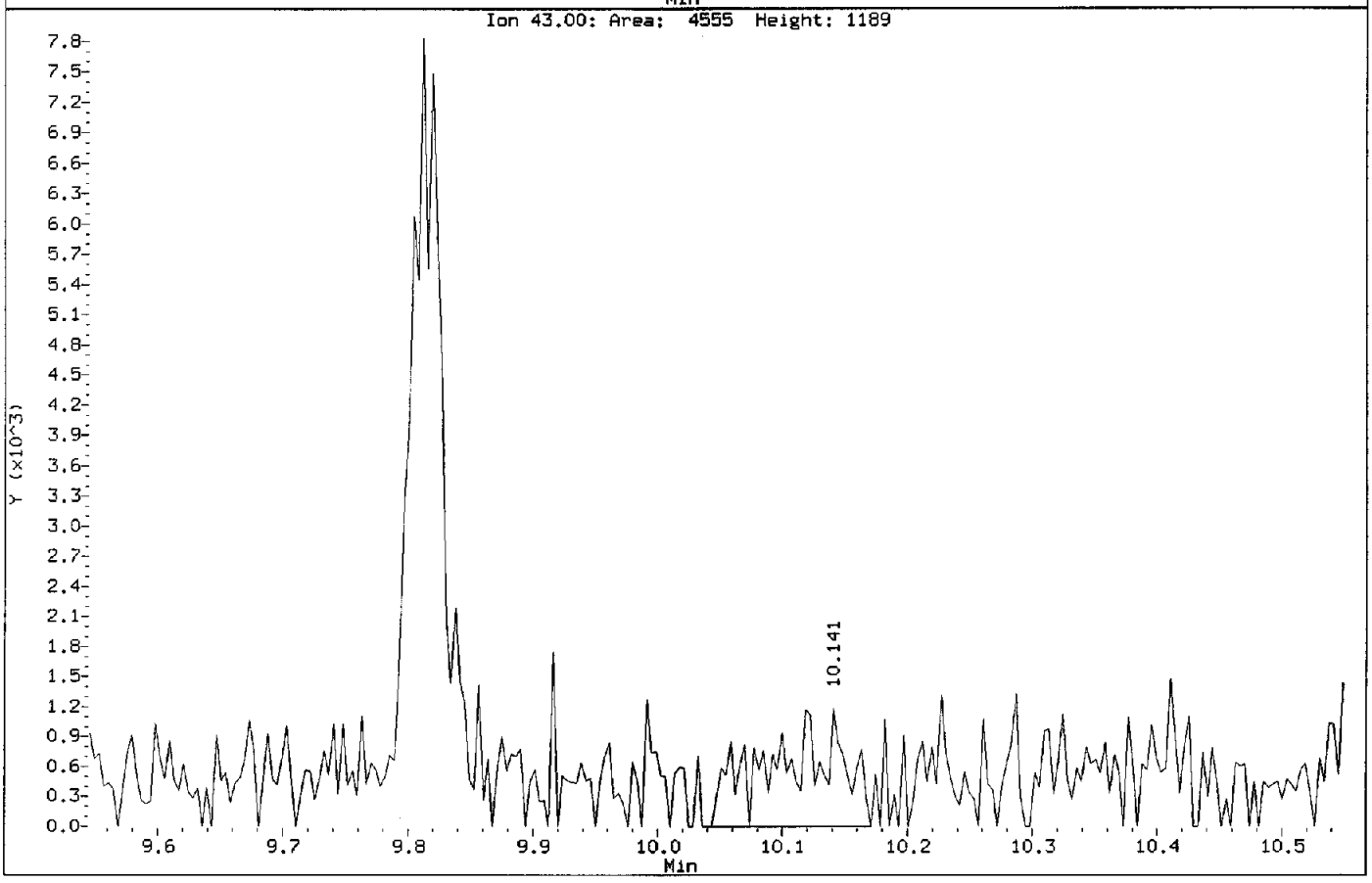
Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

Compound: n-Butanol
CAS Number: 71-36-3



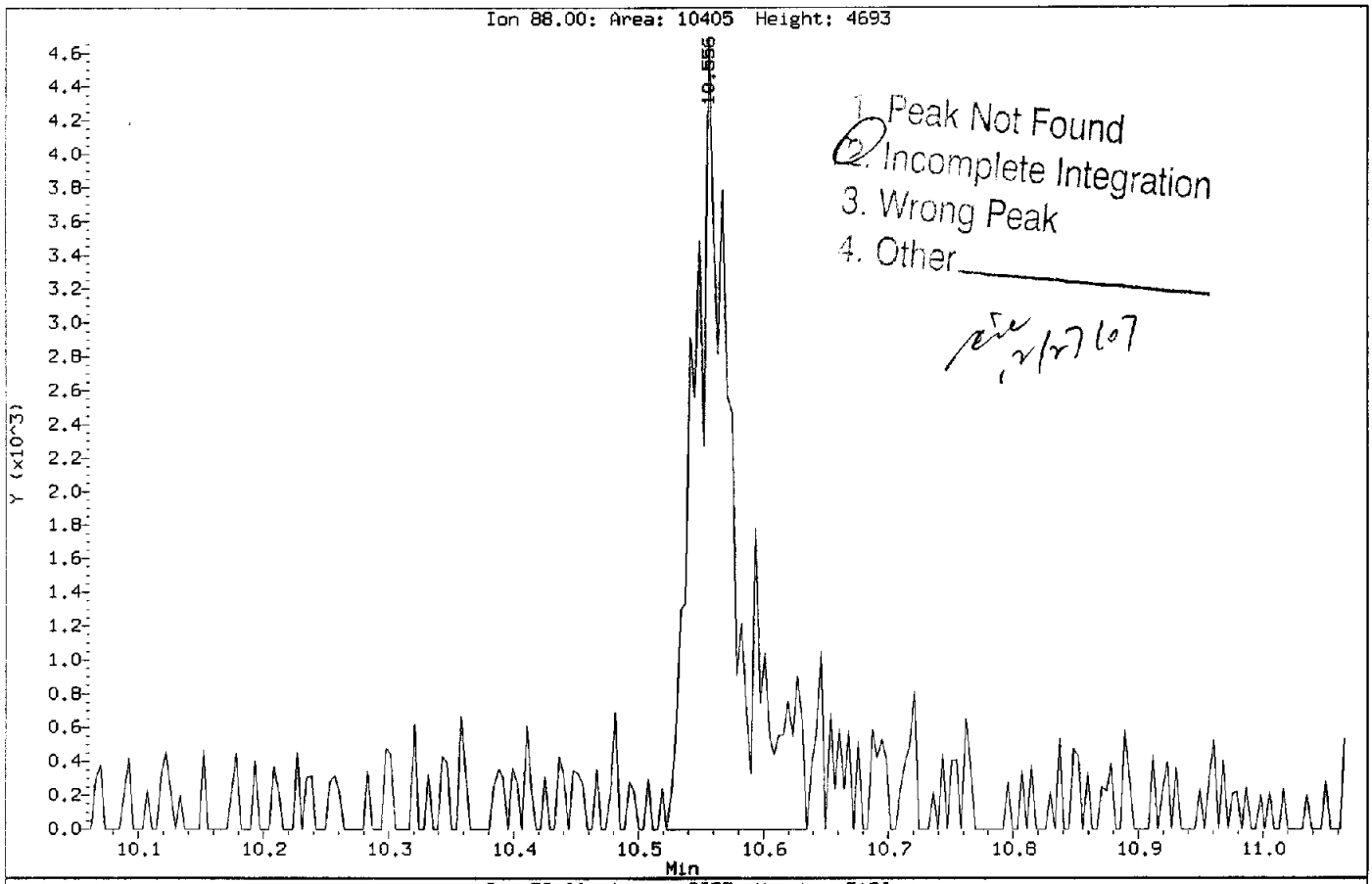
1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other _____

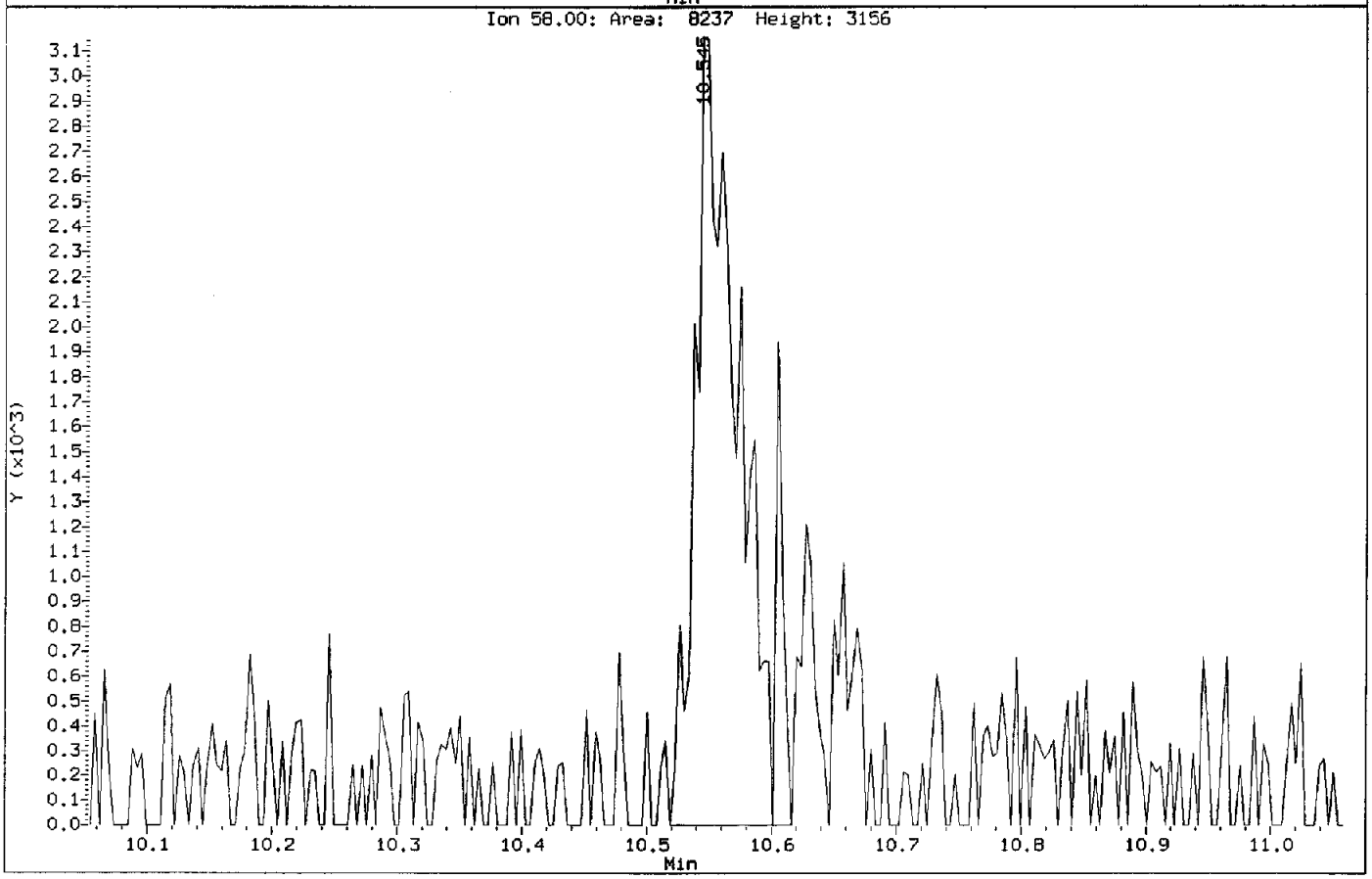
12/27/07



Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

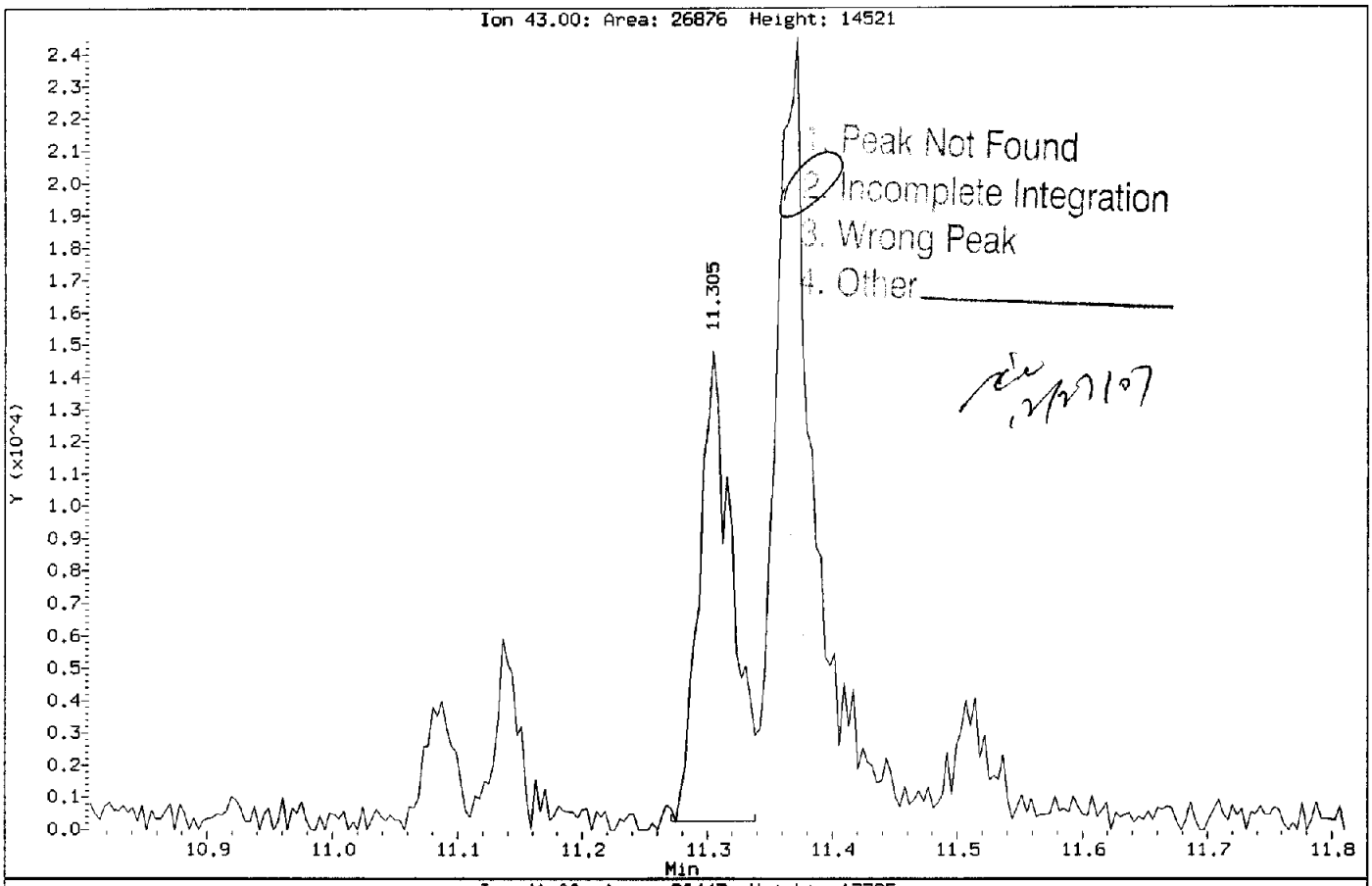
Compound: 1,4-Dioxane
CAS Number: 123-91-1

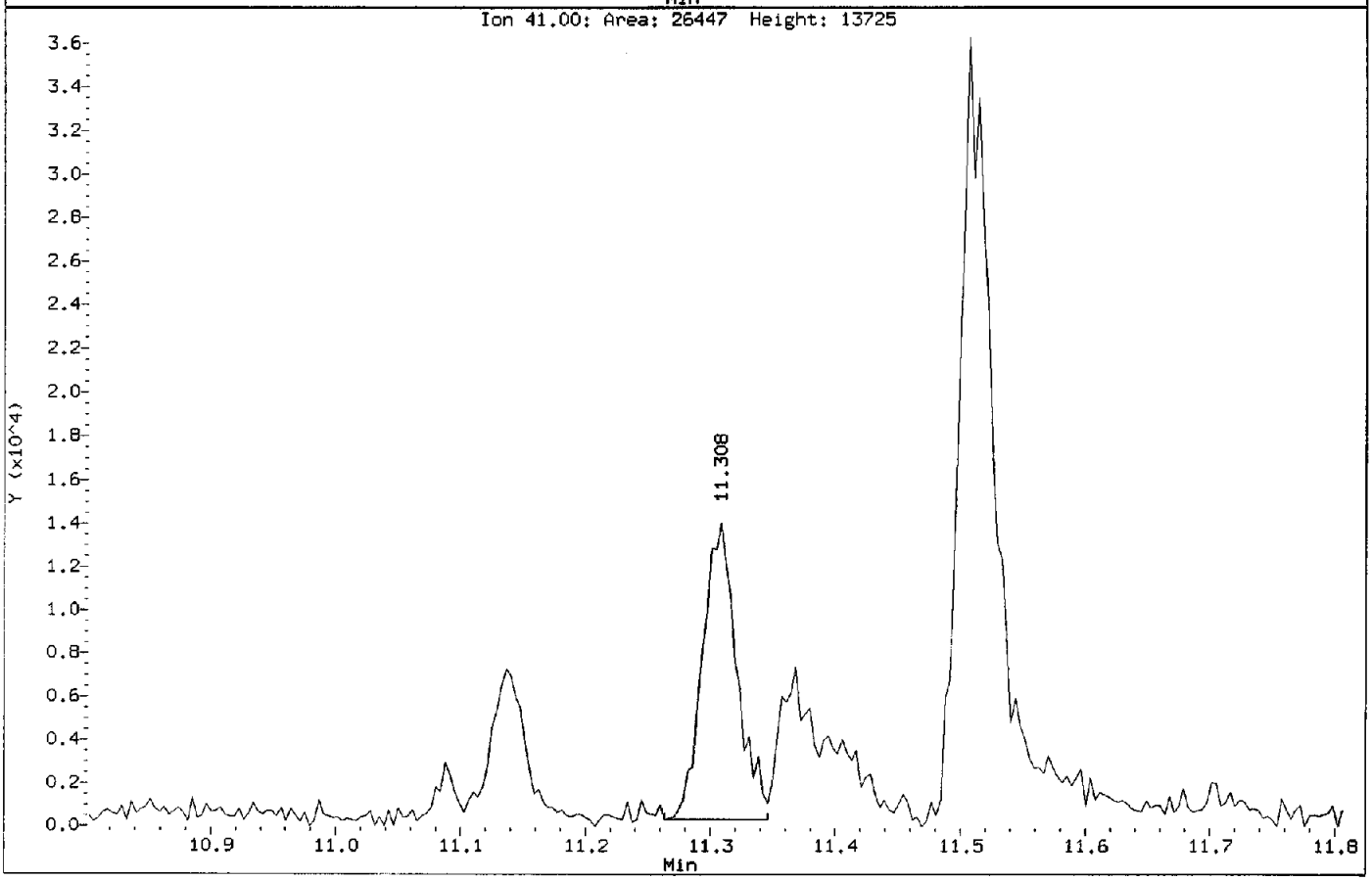




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

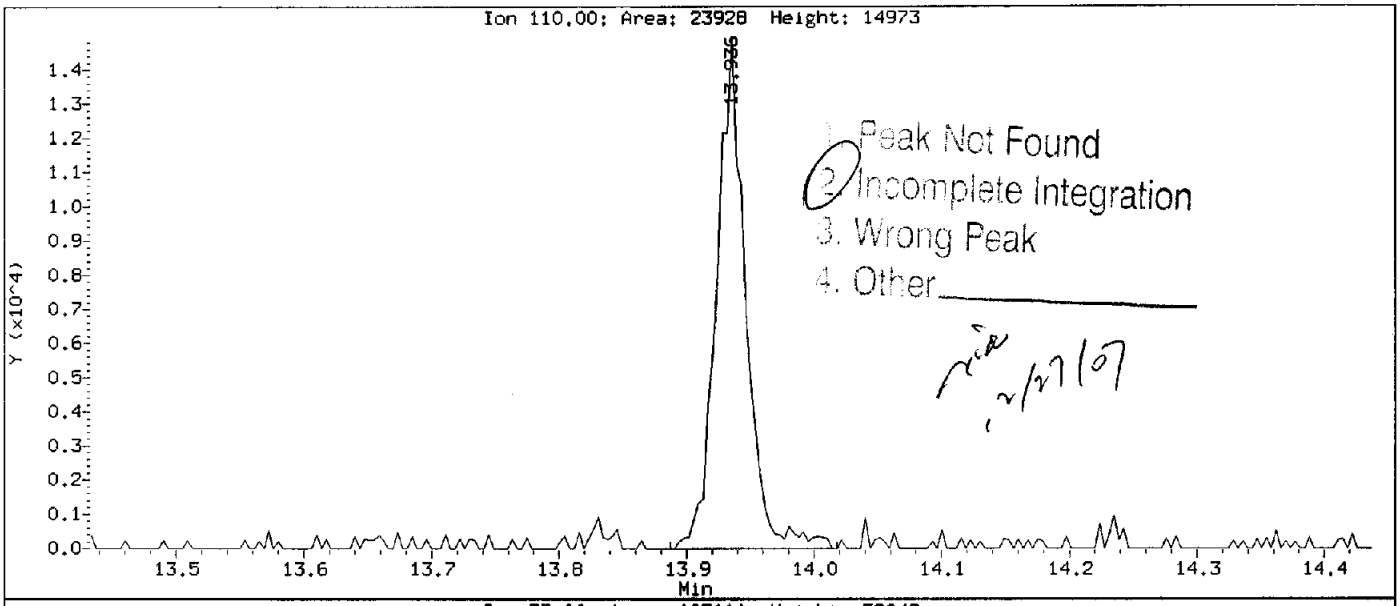
Compound: 2-Nitro-Propane
CAS Number: 79-46-9





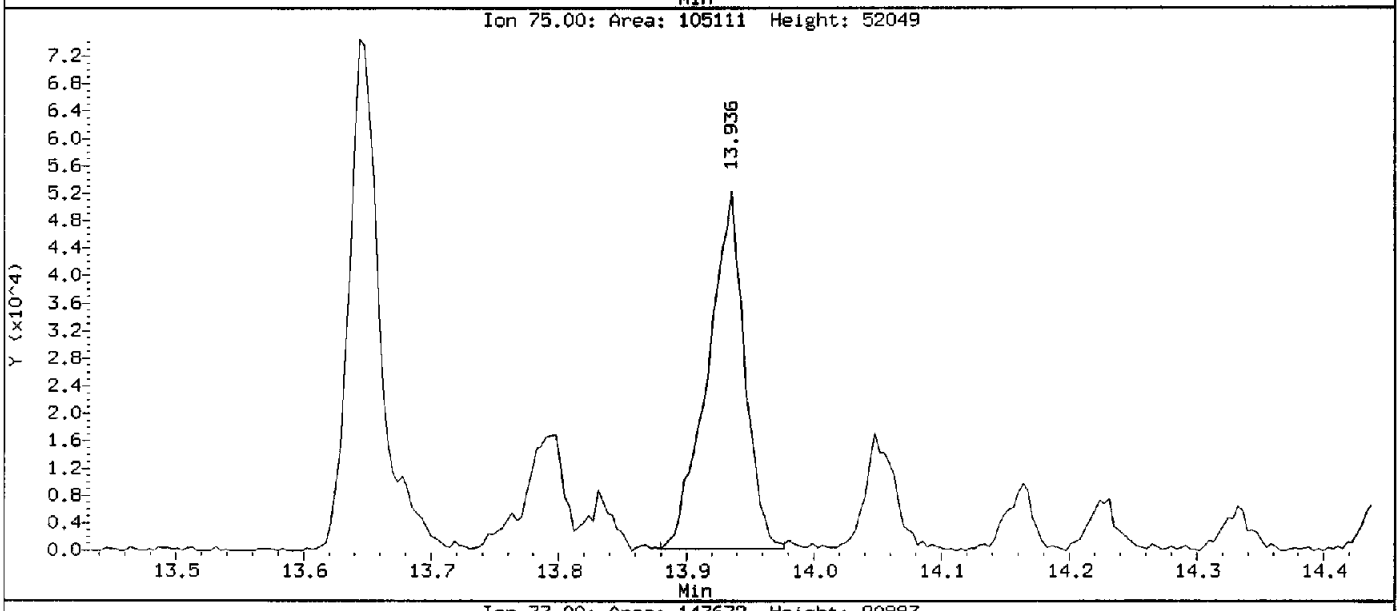
Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

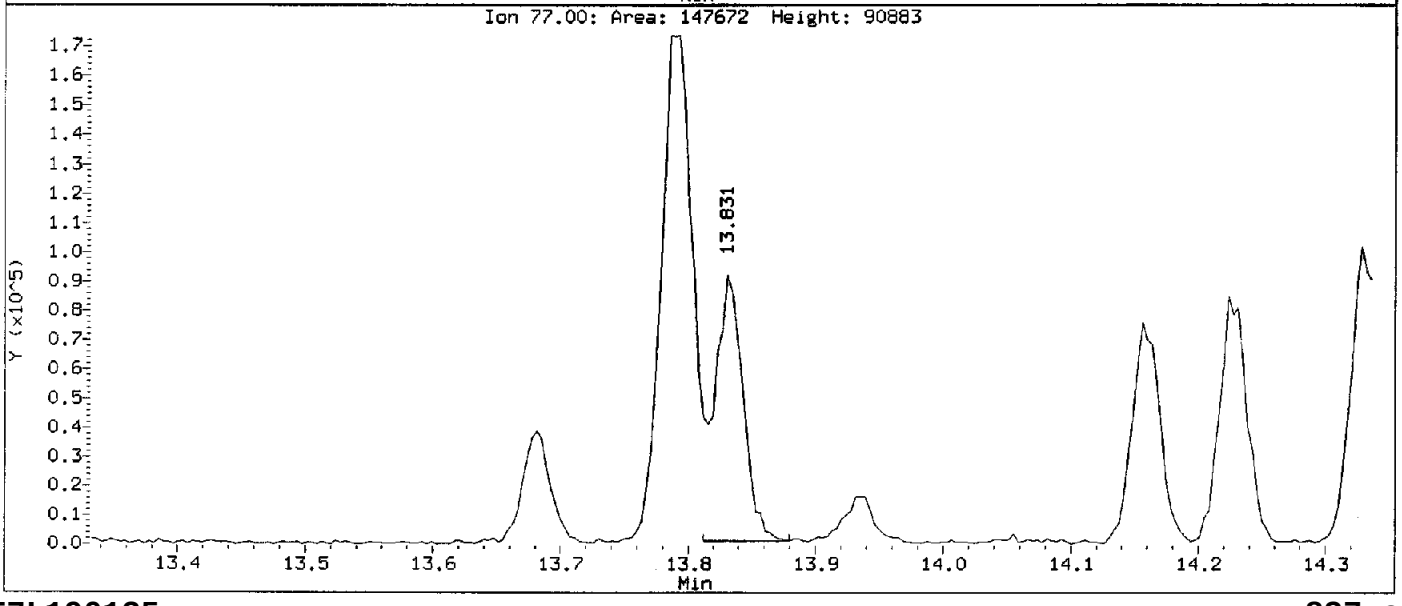
Compound: 1,2,3-Trichloropropane
CAS Number: 96-18-4



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other _____

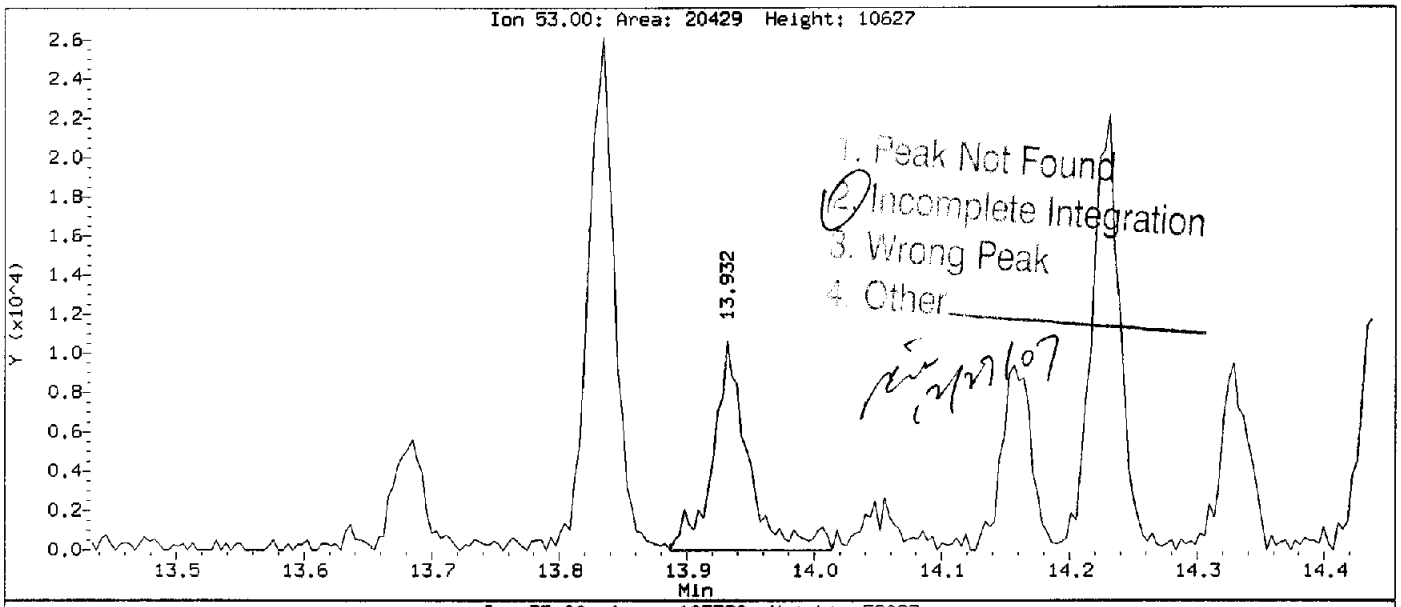
12/27/07

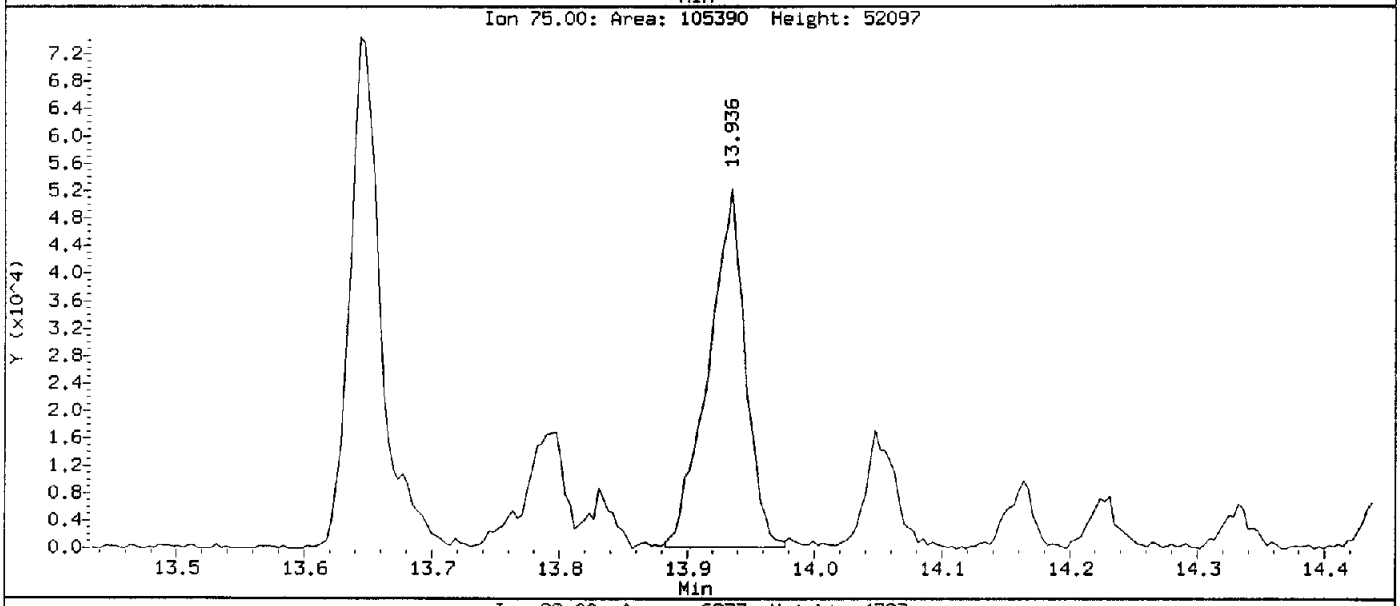


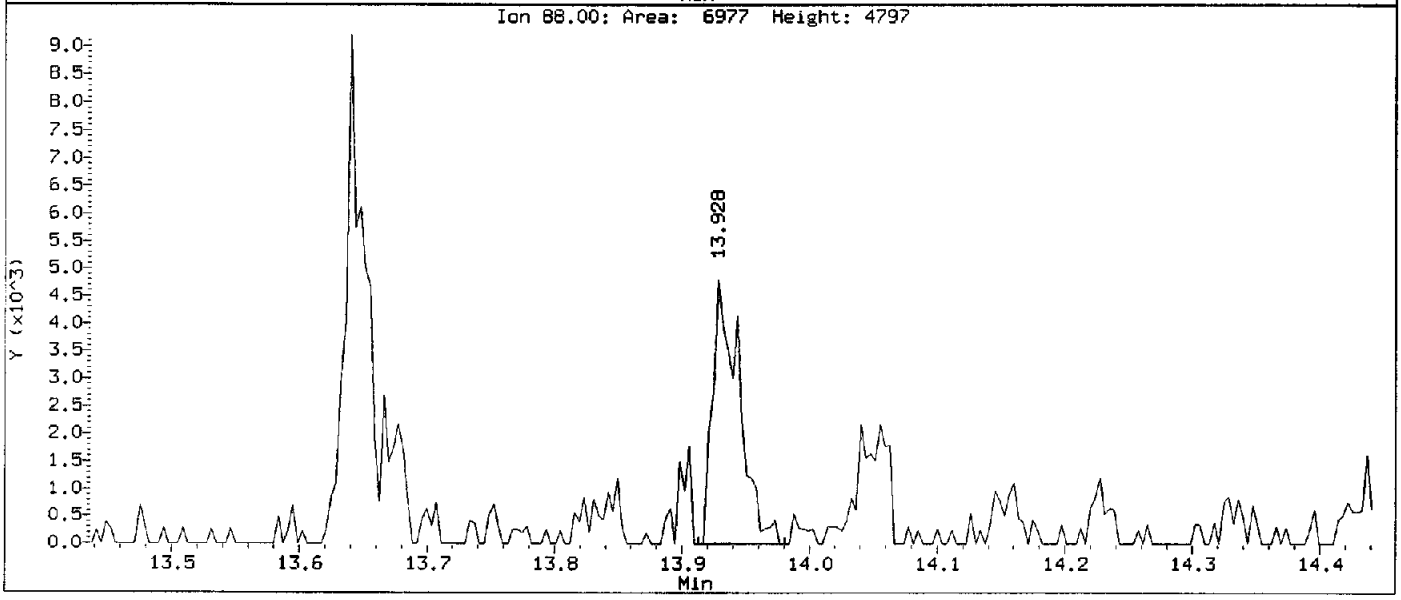


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7443.D
Injection Date: 21-DEC-2007 22:01
Instrument: MSL.i
Client Sample ID: M-57A

Compound: trans-1,4-dichloro-2-butene
CAS Number: 110-57-6







Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7444.D
Report Date: 27-Dec-2007 14:24

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7444.D
Lab Smp Id: KEE921AD Client Smp ID: M-57A
Inj Date : 21-DEC-2007 22:25
Operator : XIA Inst ID: MSL.i
Smp Info : KEE921AD
Misc Info : VBLKL355A;F7L190135-005D;7358096;2X
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Meth Date : 27-Dec-2007 12:26 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 25 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	12.500	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.464	3.464	(0.358)	96897	3.15285	6.306
2	Freon-114	135	3.745	3.741	(0.387)	43926	6.07446	12.15
3	Chloromethane	50	3.906	3.902	(0.404)	478453	8.56230	17.12
4	Vinyl Chloride	62	4.100	4.097	(0.424)	291062	6.15272	12.30
5	Bromomethane	94	4.808	4.800	(0.497)	368703	12.3984	24.80
6	Chloroethane	64	5.043	5.029	(0.521)	196742	6.88268	13.76
7	Trichlorofluoromethane	101	5.290	5.279	(0.547)	190334	4.55482	9.110(R)
8	Diethyl ether	59	5.792	5.796	(0.599)	182967	22.6460	45.29
9	1,1-Dichloroethene	96	6.155	6.148	(0.636)	172690	7.53976	15.08
10	1,1,2-Trichlorofluoroethane	101	6.136	6.136	(0.634)	98104	4.23890	8.478(R)
11	Carbon Disulfide	76	6.312	6.308	(0.653)	653486	8.68267	17.36
12	Iodomethane	142	6.436	6.436	(0.665)	76303	9.54141	19.08
13	Acrolein	56	6.630	6.615	(0.685)	15934	39.4303	78.86
14	Allyl chloride	39	6.814	6.814	(0.704)	278417	10.7568	21.51
15	Methylene Chloride	84	6.971	6.963	(0.721)	244380	11.4395	22.88
16	Acetone	43	6.978	6.975	(0.721)	20485	10.3766	20.75
17	trans-1,2-Dichloroethene	96	7.177	7.177	(0.742)	254898	9.25542	18.51
18	n-Hexane	57	7.180	7.177	(0.742)	229046	4.71113	9.422(M)
19	Methyl Acetate	74	7.128	7.128	(0.737)	15305	7.45688	14.91(M)
20	MTBE	73	7.218	7.214	(0.746)	252728	10.1494	20.30
M 21	1,2-Dichloroethene (total)	96				507459	19.9139	39.83
22	Acetonitrile	41	7.569	7.570	(0.783)	26619	45.4299	90.86

12/27/07

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Report Date: 27-Dec-2007 14:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.910	7.910	(0.818)	117687	55.5725	111.1
	24 1,1-Dichloroethane	63	7.876	7.873	(0.814)	505146	10.4117	20.82
	25 2-Chloro-1,3-butadiene	53	7.846	7.843	(0.811)	307707	7.87515	15.75
	26 Vinyl acetate	43	8.082	8.082	(0.836)	157578	12.8319	25.66
	27 cis-1,2-Dichloroethene	96	8.464	8.460	(0.875)	252561	10.6585	21.32
	28 2,2-Dichloropropane	77	8.539	8.535	(0.883)	307128	7.59232	15.18
	29 Bromochloromethane	128	8.703	8.703	(0.900)	80856	14.7005	29.40(RM)
	30 Cyclohexane	84	8.707	8.666	(0.900)	412222	9.68461	19.37(H)
	31 Chloroform	83	8.707	8.707	(0.900)	9093241	228.862	457.7(AR)
	32 Ethyl acetate	43	8.752	8.752	(0.905)	64167	55.6227	111.2(RM)
	33 Carbon Tetrachloride	117	8.902	8.894	(0.920)	264070	8.13326	16.27
	34 Isobutanol	42	8.894	8.898	(0.920)	71996	194.610	389.2
	35 Tetrahydrofuran	71	8.902	8.902	(0.920)	28653	51.8770	103.8
$	36 Dibromofluoromethane	113	8.909	8.906	(0.921)	159094	11.1793	22.36
	37 1,1,1-Trichloroethane	97	8.939	8.936	(0.924)	328113	8.40007	16.80
	38 2-Butanone	43	8.973	8.958	(0.928)	20399	10.5993	21.20
	39 1,1-Dichloropropene	75	9.055	9.048	(0.936)	302284	7.98422	15.97
	40 Benzene	78	9.313	9.313	(0.963)	1165674	10.4962	20.99
	41 Propionitrile	54	9.276	9.276	(0.959)	34251	50.6398	101.3
	42 Methacrylonitrile	41	9.291	9.284	(0.961)	220984	71.4999	143.0
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	116690	10.4268	20.85
	44 1,2-Dichloroethane	62	9.515	9.512	(0.984)	169424	11.3617	22.72
*	45 Fluorobenzene	96	9.673	9.673	(1.000)	959918	10.0000	
	46 n-Butanol	56	10.110	10.047	(1.045)	7391	94.8521	189.7(M)
	47 Methylcyclohexane	55	9.815	9.815	(1.015)	166741	4.13731	8.275(R)
	48 Trichloroethene	130	9.856	9.852	(1.019)	274707	10.2128	20.42
	49 Dibromomethane	93	10.313	10.313	(1.066)	52762	10.9821	21.96
	50 1,2-Dichloropropane	63	10.324	10.324	(1.067)	231130	10.9818	21.96
	51 Bromodichloromethane	83	10.387	10.388	(1.074)	233626	11.5675	23.13
M	52 Xylenes (total)	106				1536068	28.7159	57.43
	53 Methyl methacrylate	69	10.406	10.406	(1.076)	40130	10.1427	20.28
	54 1,4-Dioxane	88	10.545	10.563	(1.090)	9324	67.1386	134.3(R)
	56 cis-1,3-Dichloropropene	75	10.930	10.926	(1.130)	193000	9.25429	18.51
$	57 Toluene-d8	98	11.087	11.084	(0.885)	940925	10.3423	20.68
	58 Toluene	91	11.140	11.136	(0.889)	1201265	9.41959	18.84
	59 2-Nitro-Propane	43	11.308	11.308	(0.903)	31512	9.22401	18.45
	60 4-Methyl-2-pentanone	43	11.368	11.364	(0.907)	62383	11.5268	23.05
	61 trans-1,3-Dichloropropene	75	11.495	11.491	(0.918)	149015	9.81544	19.63
	62 Tetrachloroethene	164	11.525	11.521	(0.920)	181197	8.53943	17.08
	63 Ethyl methacrylate	69	11.506	11.506	(0.918)	89374	8.48443	16.97
	64 1,1,2-Trichloroethane	97	11.656	11.660	(0.930)	90445	9.60641	19.21
	65 Chlorodibromomethane	129	11.895	11.892	(0.950)	95649	10.5689	21.14
	66 1,3-Dichloropropane	76	11.907	11.911	(0.950)	173795	10.0244	20.05
	67 1,2-Dibromoethane	107	12.154	12.154	(0.970)	65343	9.76183	19.52
	68 2-Hexanone	43	12.131	12.120	(0.968)	28858	9.09628	18.19(M)
	69 Ethylbenzene	106	12.502	12.498	(0.998)	425914	9.30123	18.60
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	608481	10.0000	
	71 Chlorobenzene	112	12.550	12.547	(1.002)	671635	10.2916	20.58
	72 1,1,1,2-Tetrachloroethane	131	12.584	12.580	(1.004)	175599	10.0481	20.10
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1078192	18.6556	37.31
	74 o-Xylene	106	13.033	13.033	(1.040)	457876	10.0602	20.12
	75 Styrene	104	13.089	13.089	(1.045)	613645	9.23026	18.46
	76 Bromoform	173	13.258	13.258	(0.900)	40766	10.4654	20.93
	77 Isopropylbenzene	105	13.291	13.291	(0.903)	1106542	8.09132	16.18

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Report Date: 27-Dec-2007 14:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$	78 4-Bromofluorobenzene	95	13.643	13.647	(0.927)	223563	9.39509	18.79
	79 n-Propylbenzene	91	13.681	13.681	(0.929)	1564131	8.21258	16.42
	80 Bromobenzene	156	13.793	13.793	(0.937)	189632	9.79403	19.59
	81 1,1,2,2-Tetrachloroethane	83	13.763	13.767	(0.935)	93274	9.48534	18.97
	82 1,3,5-Trimethylbenzene	105	13.830	13.834	(0.939)	1018647	8.79436	17.59
	83 2-Chlorotoluene	91	13.909	13.909	(0.945)	824623	9.07198	18.14
	84 1,2,3-Trichloropropane	110	13.931	13.935	(0.946)	25839	10.1661	20.33(M)
	85 trans-1,4-dichloro-2-butene	53	13.935	13.935	(0.946)	16967	7.40175	14.80(M)
	86 4-Chlorotoluene	91	14.047	14.051	(0.954)	767919	9.04323	18.09
	87 Cyclohexanone	55	14.014	14.010	(0.952)	14491	40.3614	80.72(M)
	88 t-Butylbenzene	119	14.160	14.160	(0.962)	853864	8.24903	16.50
	89 Pentachloroethane	167	14.276	14.276	(0.970)	104837	10.9516	21.90
	90 1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1023261	9.11171	18.22
	91 sec-Butylbenzene	105	14.328	14.332	(0.973)	1288288	7.58316	15.17
	92 4-Isopropyltoluene	119	14.436	14.440	(0.980)	1082824	8.39618	16.79
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	437678	9.81570	19.63
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	242156	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	583664	13.2739	26.55(R)
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	1076470	7.83936	15.68
	98 1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	368678	11.1760	22.35
	99 1,2-Dibromo-3-chloropropane	157	15.978	15.978	(1.085)	9266	8.83397	17.67
	100 Hexachlorobutadiene	225	16.558	16.558	(1.125)	102578	7.90813	15.82
	101 1,2,4-Trichlorobenzene	180	16.682	16.682	(1.133)	156676	10.5278	21.06
	102 Naphthalene	128	17.082	17.079	(1.160)	146358	8.52152	17.04
	103 1,2,3-Trichlorobenzene	180	17.296	17.292	(1.175)	76174	9.14415	18.29
	143 Nonanal	57	15.746	15.750	(1.628)	32739	5.11295	10.22

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7444.D
Report Date: 27-Dec-2007 14:17

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

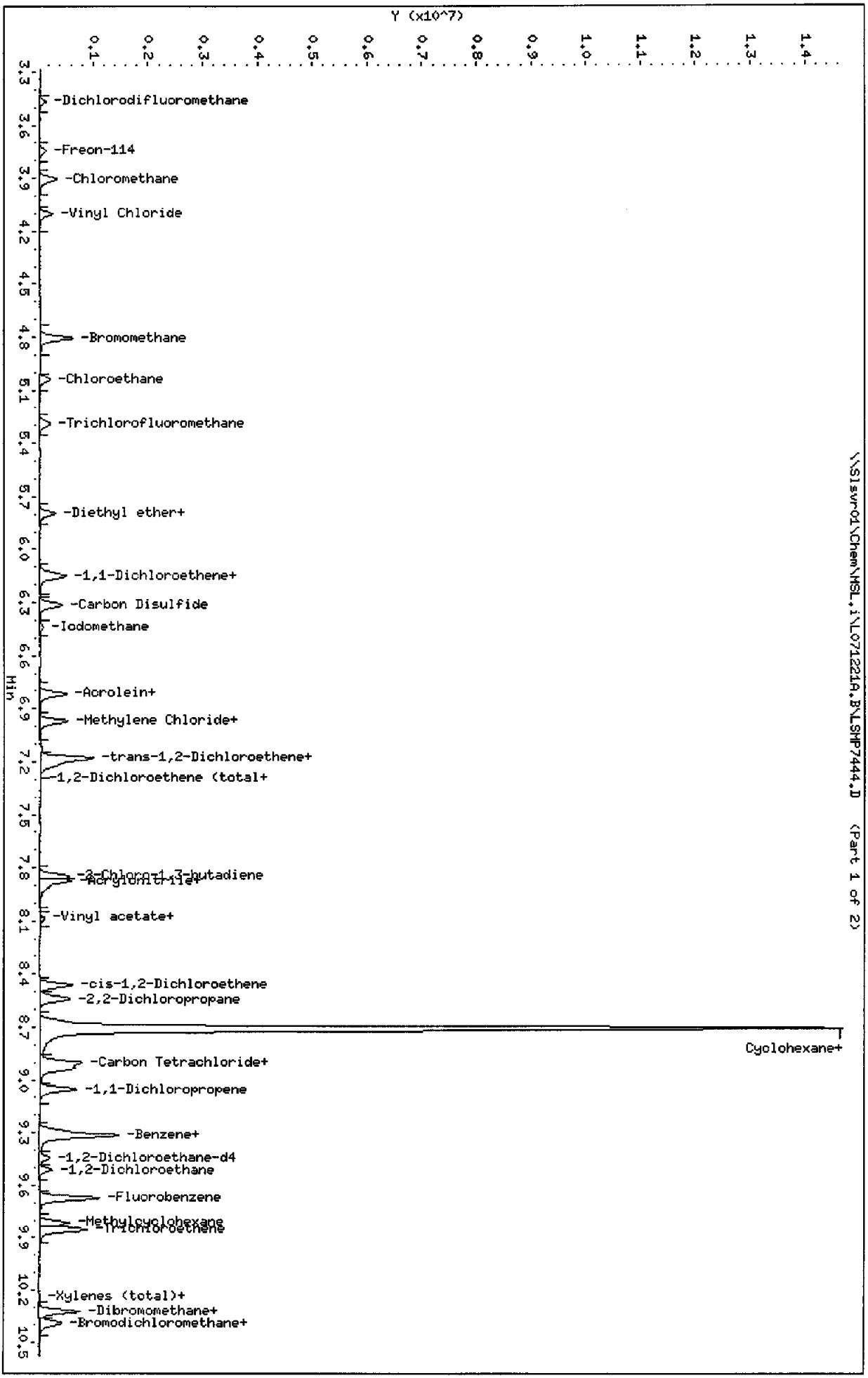
Instrument ID: MSL.i
Lab File ID: LSMP7444.D
Lab Smp Id: KEE921AD
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071221A.B\8260C-25LLW40.m
Misc Info: VBLKL355A;F7L190135-005D;7358096;2X

Calibration Date: 21-DEC-2007
Calibration Time: 13:05
Client Smp ID: M-57A
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1399217	699609	2798434	959918	-31.40
70 Chlorobenzene-d5	802936	401468	1605872	608481	-24.22
94 1,4 Dichlorobenze	308619	154310	617238	242156	-21.54

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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Client ID: M-57A
Sample Info: KEE921AD
Purge Volume: 12.5
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^7)
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0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
Min
3.3
3.6
3.9
4.2
4.5
4.8
5.1
5.4
5.7
6.0
6.3
6.6
6.9
7.2
7.5
7.8
8.1
8.4
8.7
9.0
9.3
9.6
9.9
10.2
10.5
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether+
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Acrolein+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-2-Chloro-1,3-butadiene
-Acrylonitrile+
-Vinyl acetate+
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
Cyclohexane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene
-Xylenes (total)+
-Dibromomethane+
-Bromodichloromethane+
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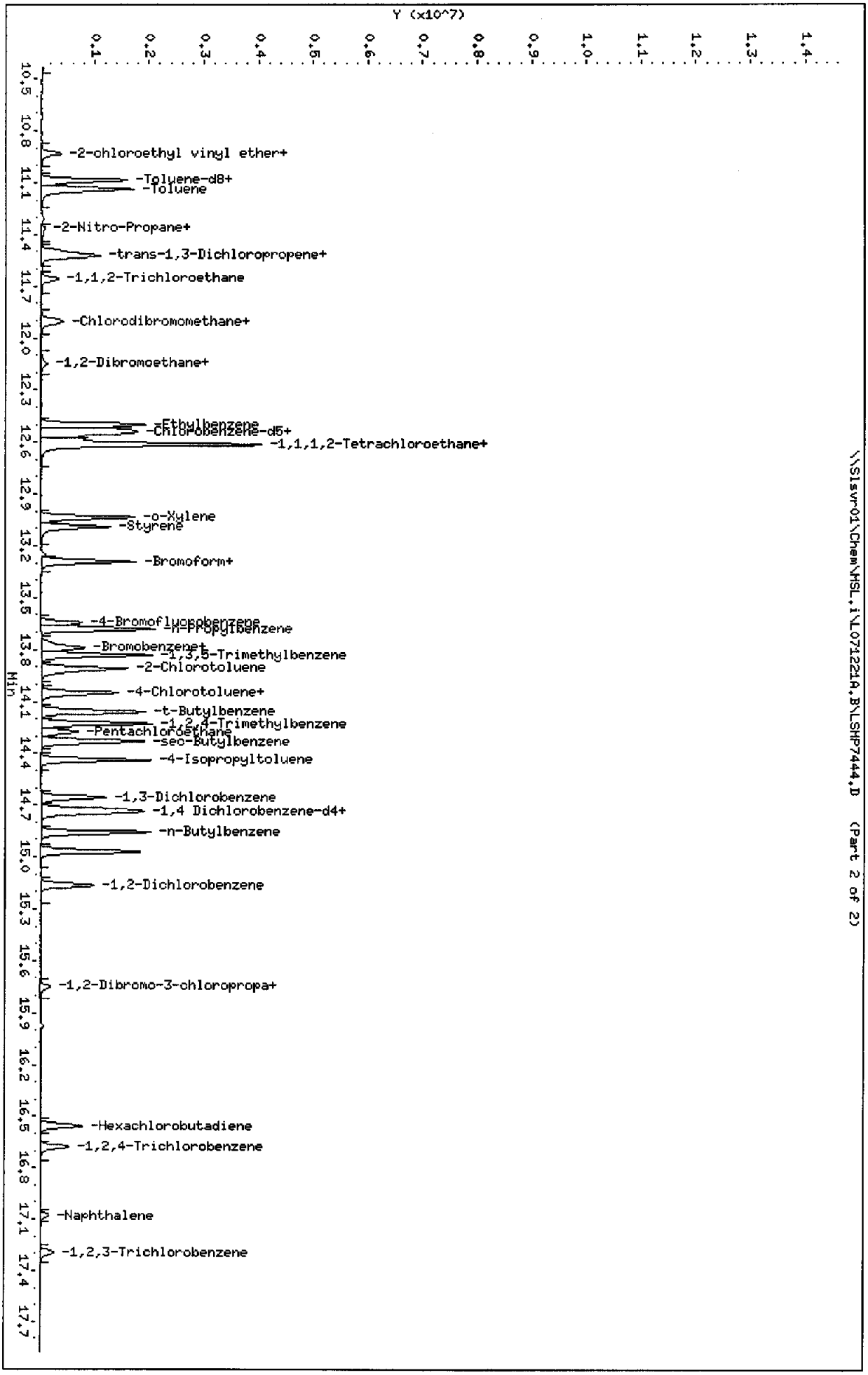
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Sample Info: KEE921AD
Purge Volume: 12.5
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
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0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
Min
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10.8
11.1
11.4
11.7
12.0
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13.2
13.5
13.8
14.1
14.4
14.7
15.0
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15.6
15.9
16.2
16.5
16.8
17.1
17.4
17.7
-2-chloroethyl vinyl ether+
-Toluene-d8+
-Toluene
-2-Nitro-Propane+
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-1,1,2-Trichloroethane
-Chlorodibromomethane+
-1,2-Dibromoethane+
-Ethylbenzene
-Chlorobenzene-d5+
-1,1,1,2-Tetrachloroethane+
-o-Xylene
-Styrene
-Bromoform+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene
-4-Chlorotoluene+
-t-Butylbenzene
-1,2,4-Trimethylbenzene
-Pentachloroethane
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa+
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene
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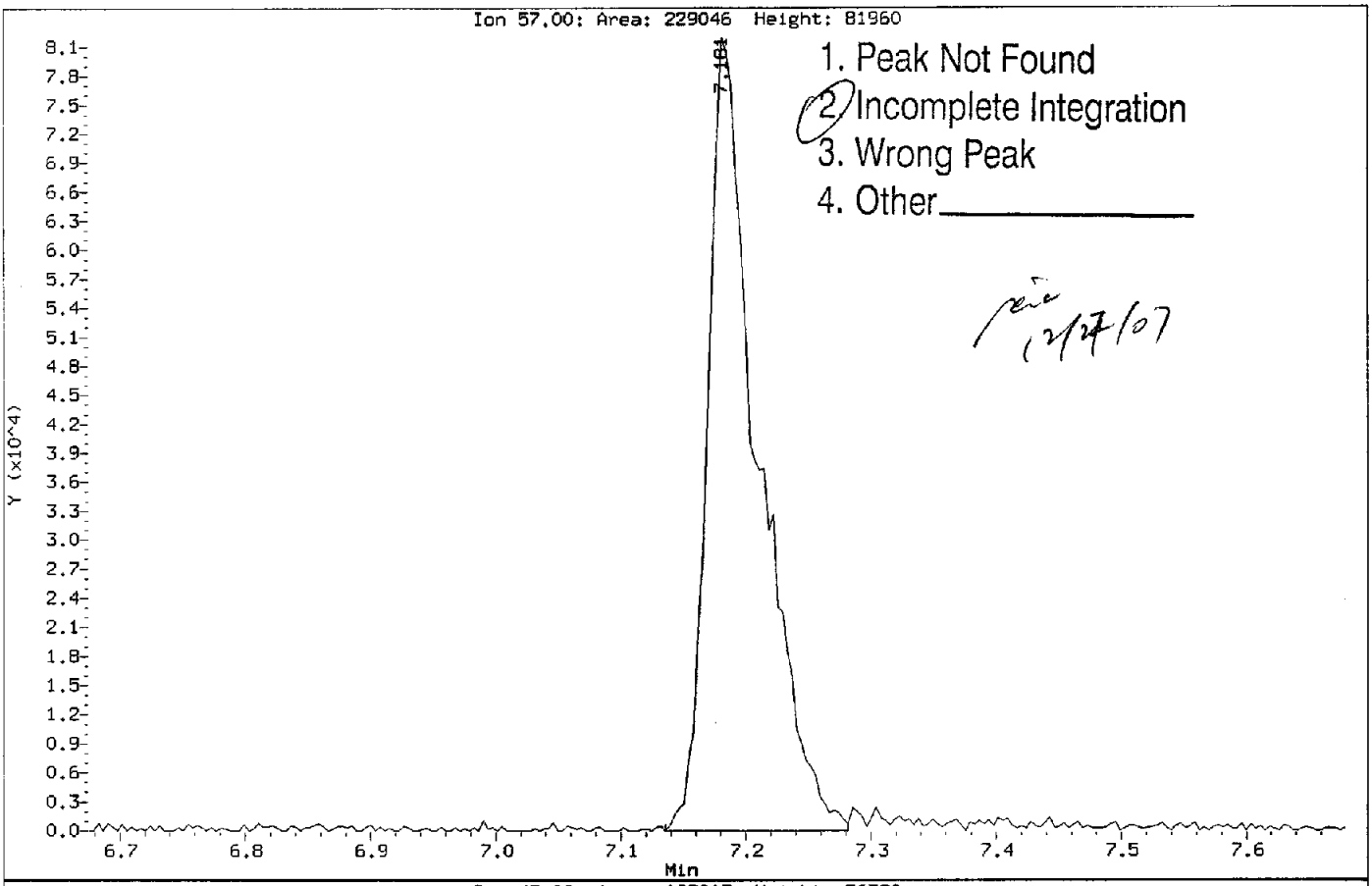
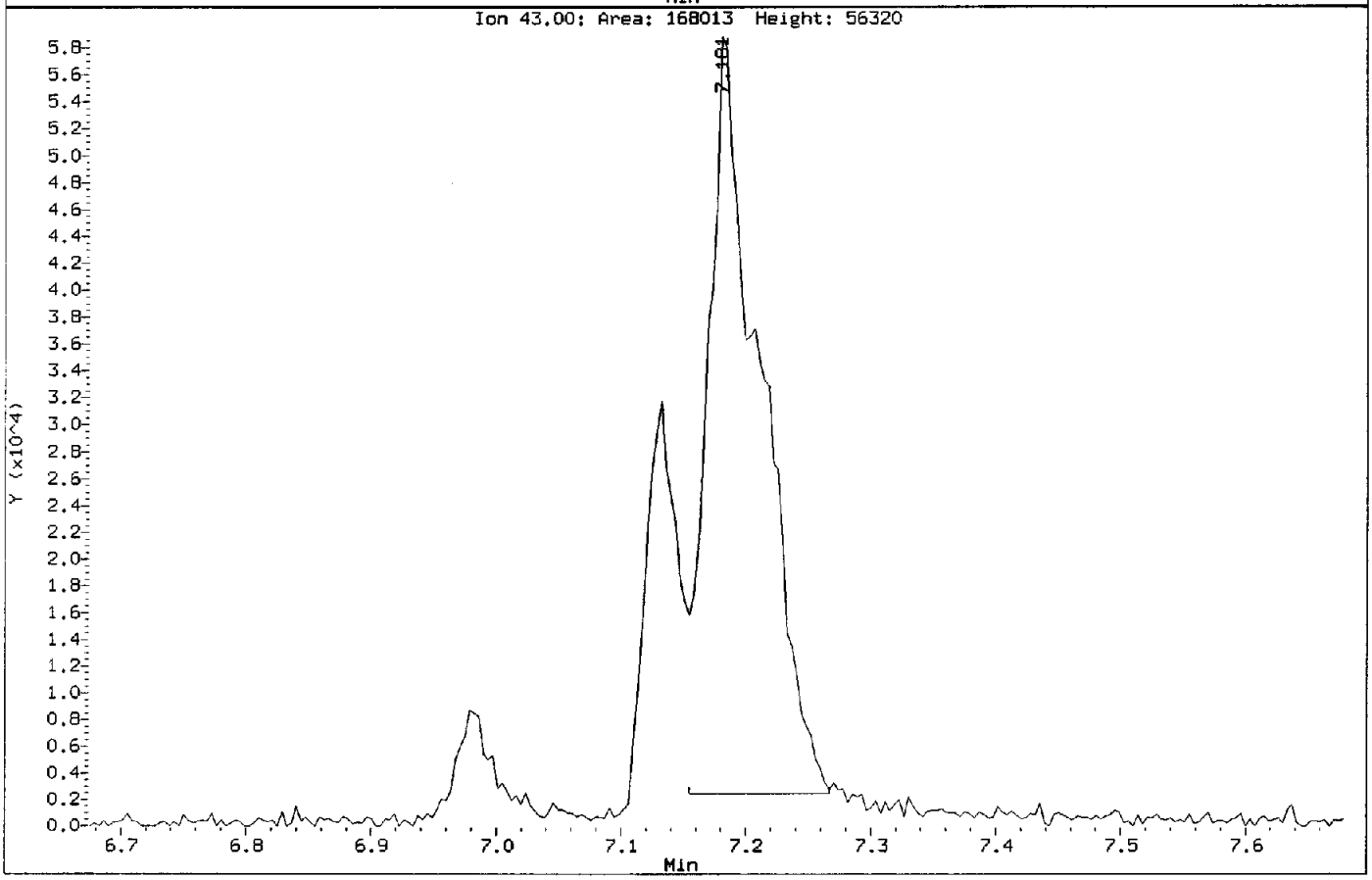
Instrument: MSL.i
Client Sample ID: M-57A

Compound: n-Hexane
CAS Number:





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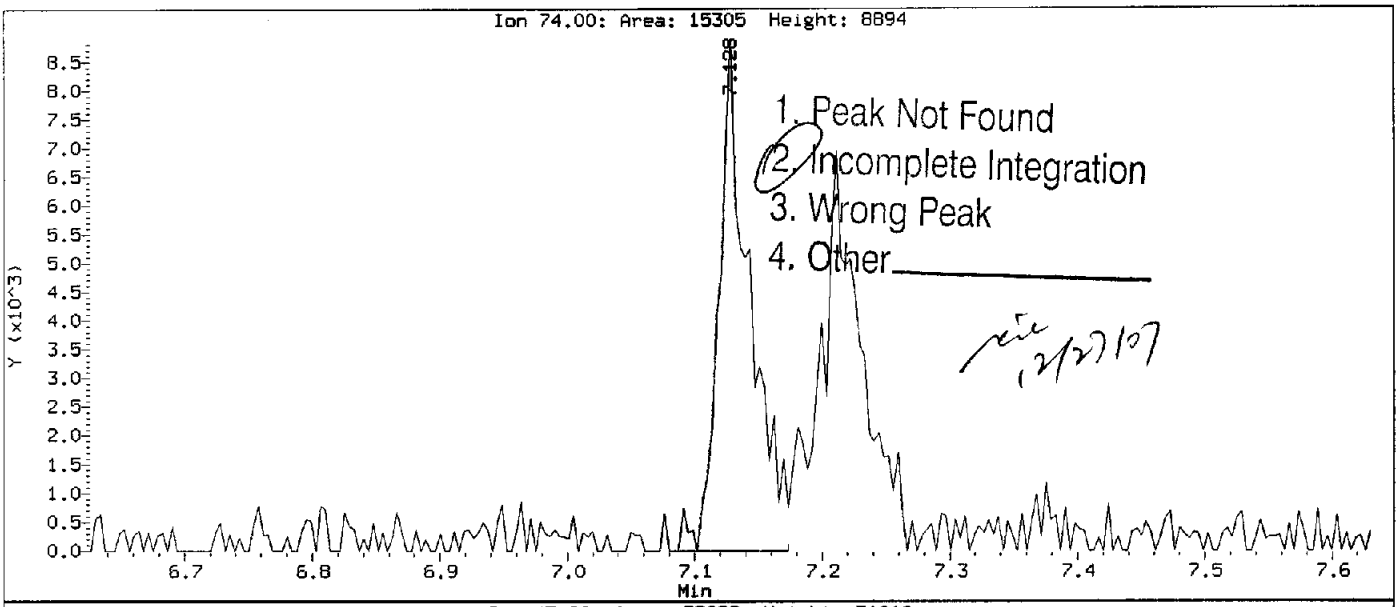
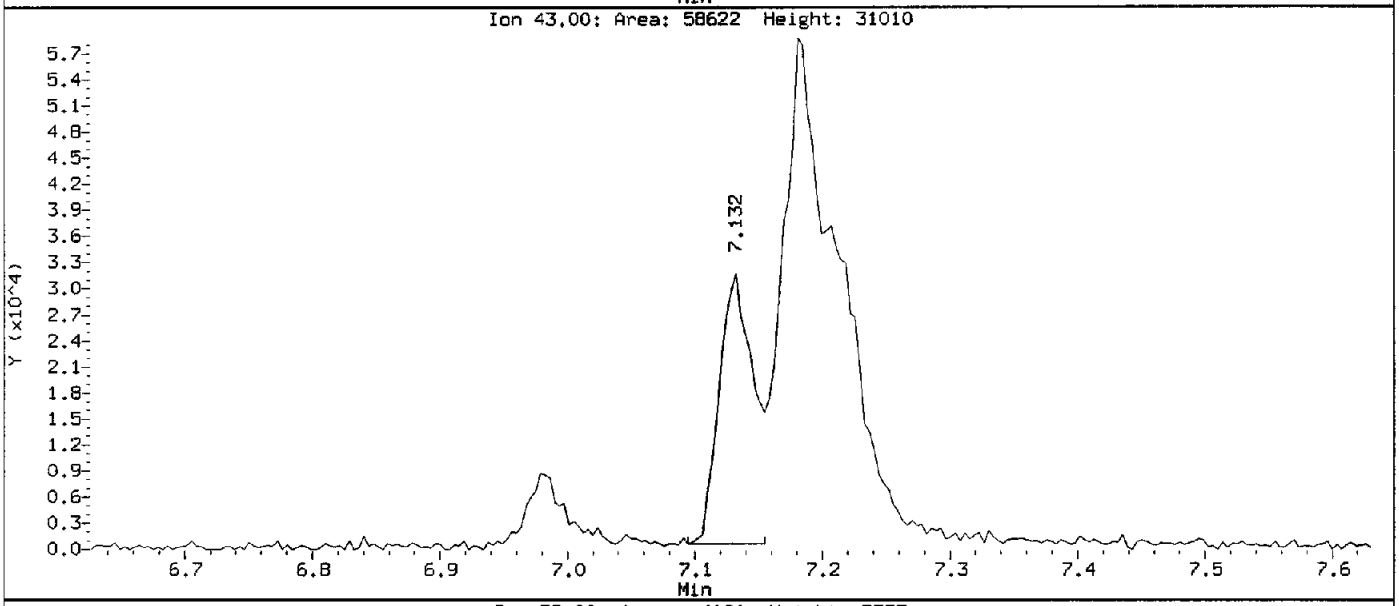
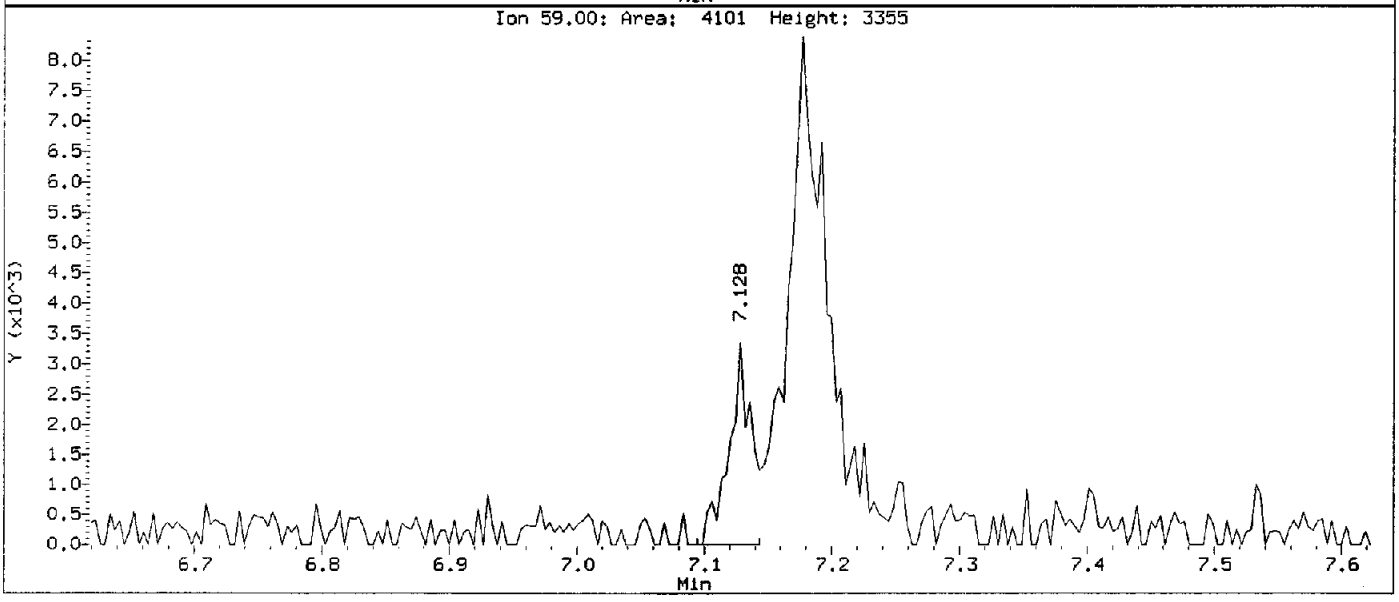
Injection Date: 21-DEC-2007 22:25
Instrument: MSL.i
Client Sample ID: M-57A

Compound: Methyl Acetate
CAS Number:







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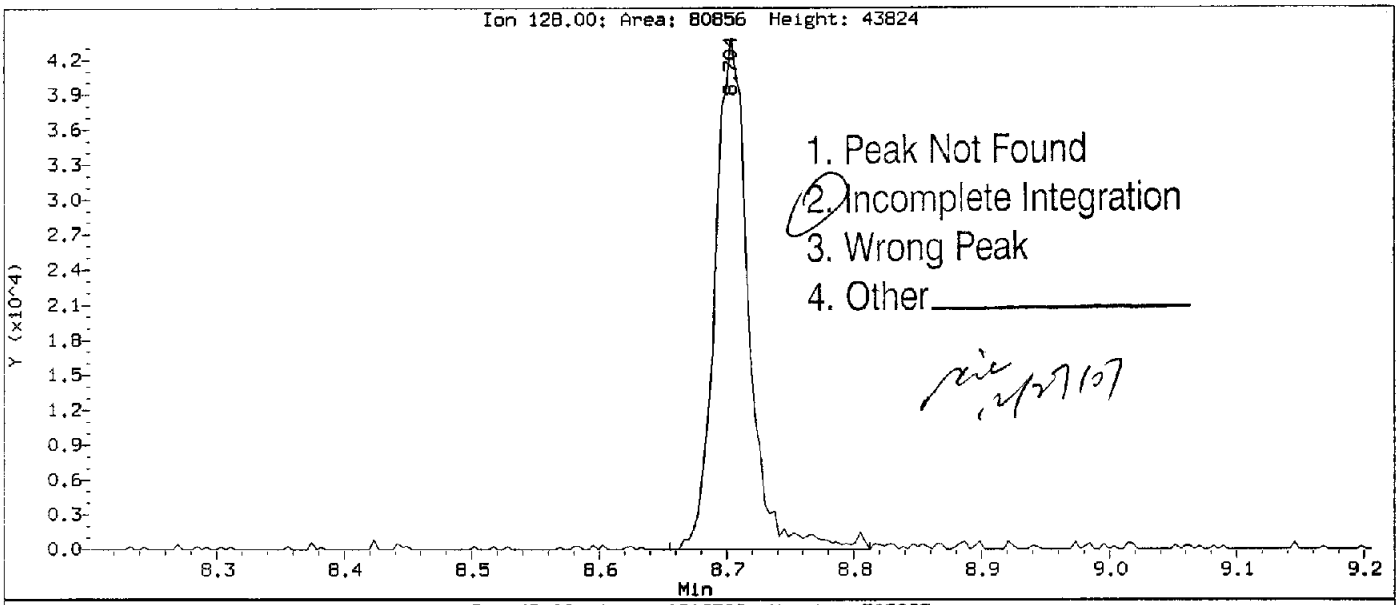
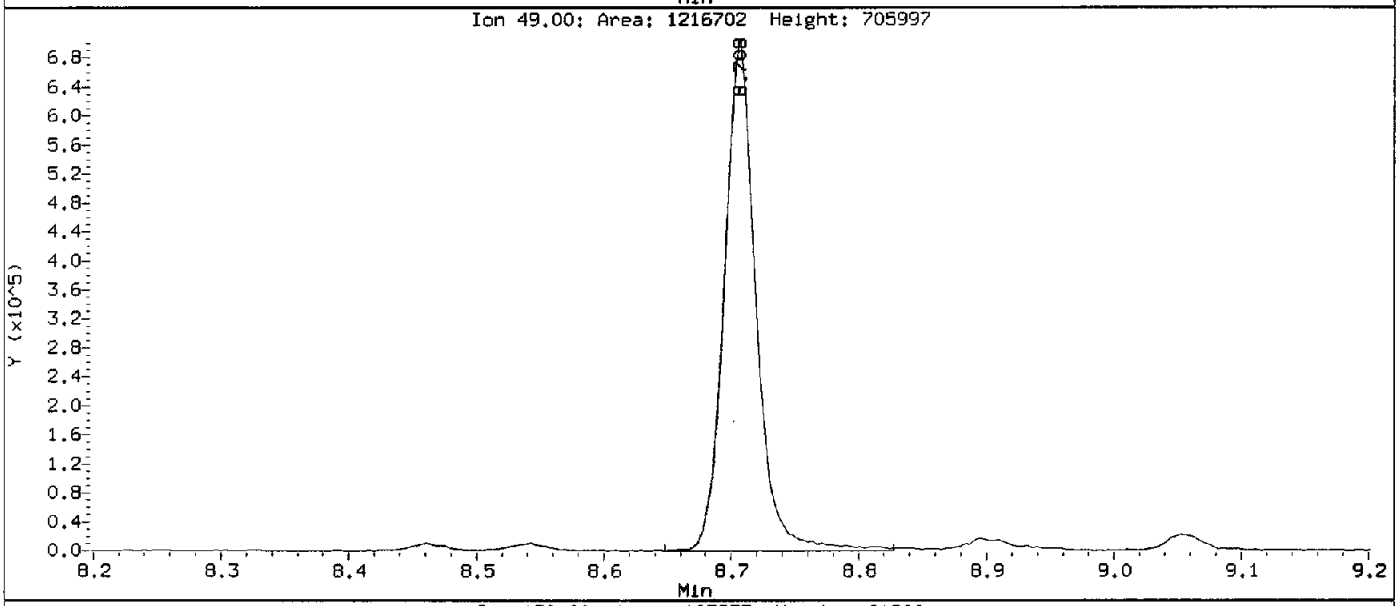
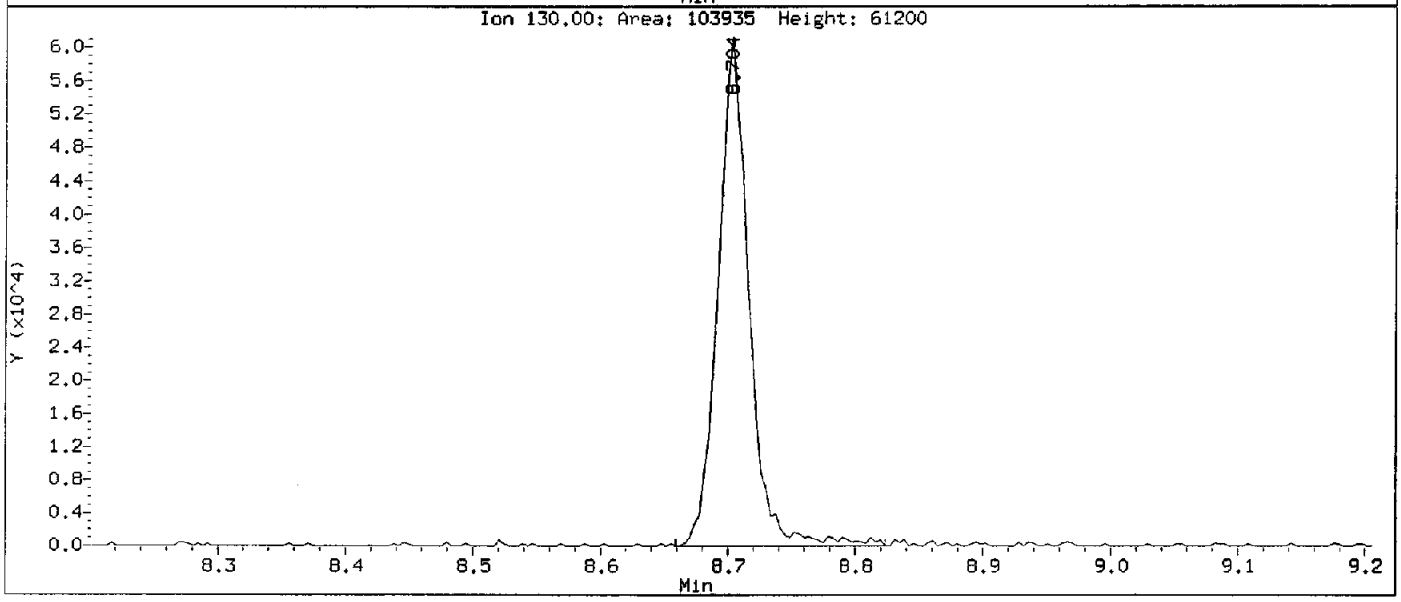
Injection Date: 21-DEC-2007 22:25
Instrument: MSL.i
Client Sample ID: M-57A

Compound: Bromochloromethane
CAS Number: 74-97-5







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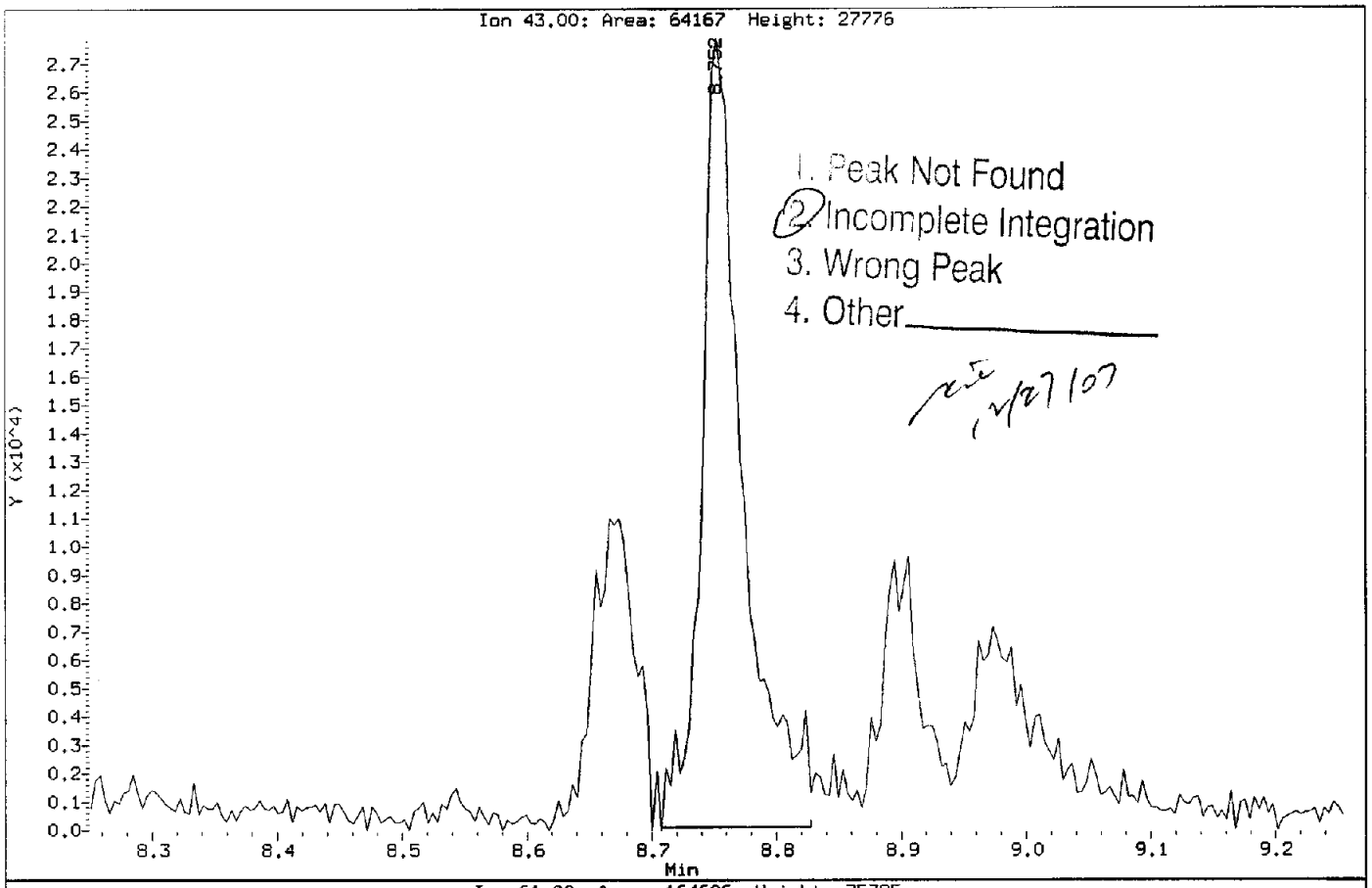
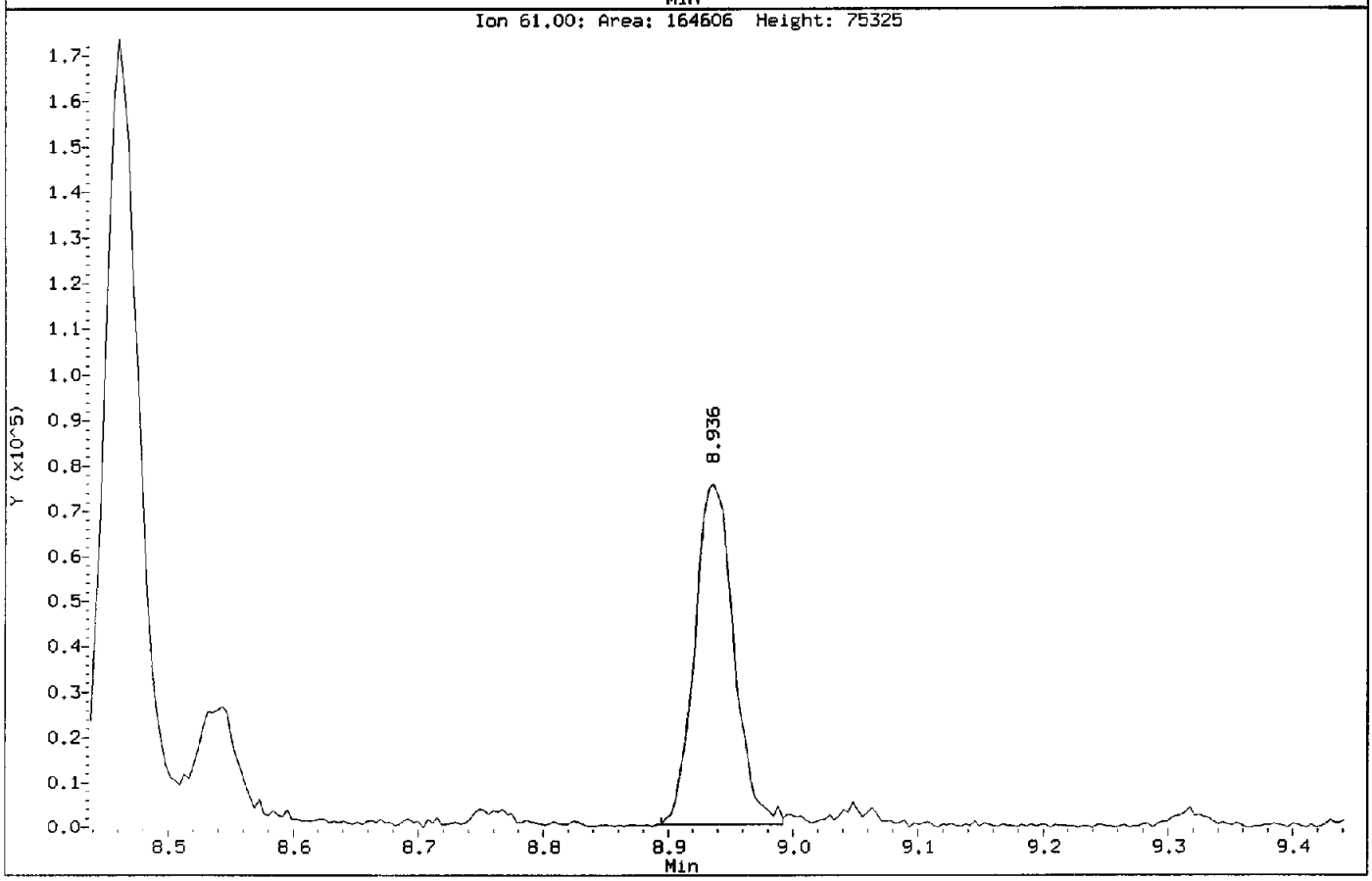
Injection Date: 21-DEC-2007 22:25
Instrument: MSL.i
Client Sample ID: M-57A

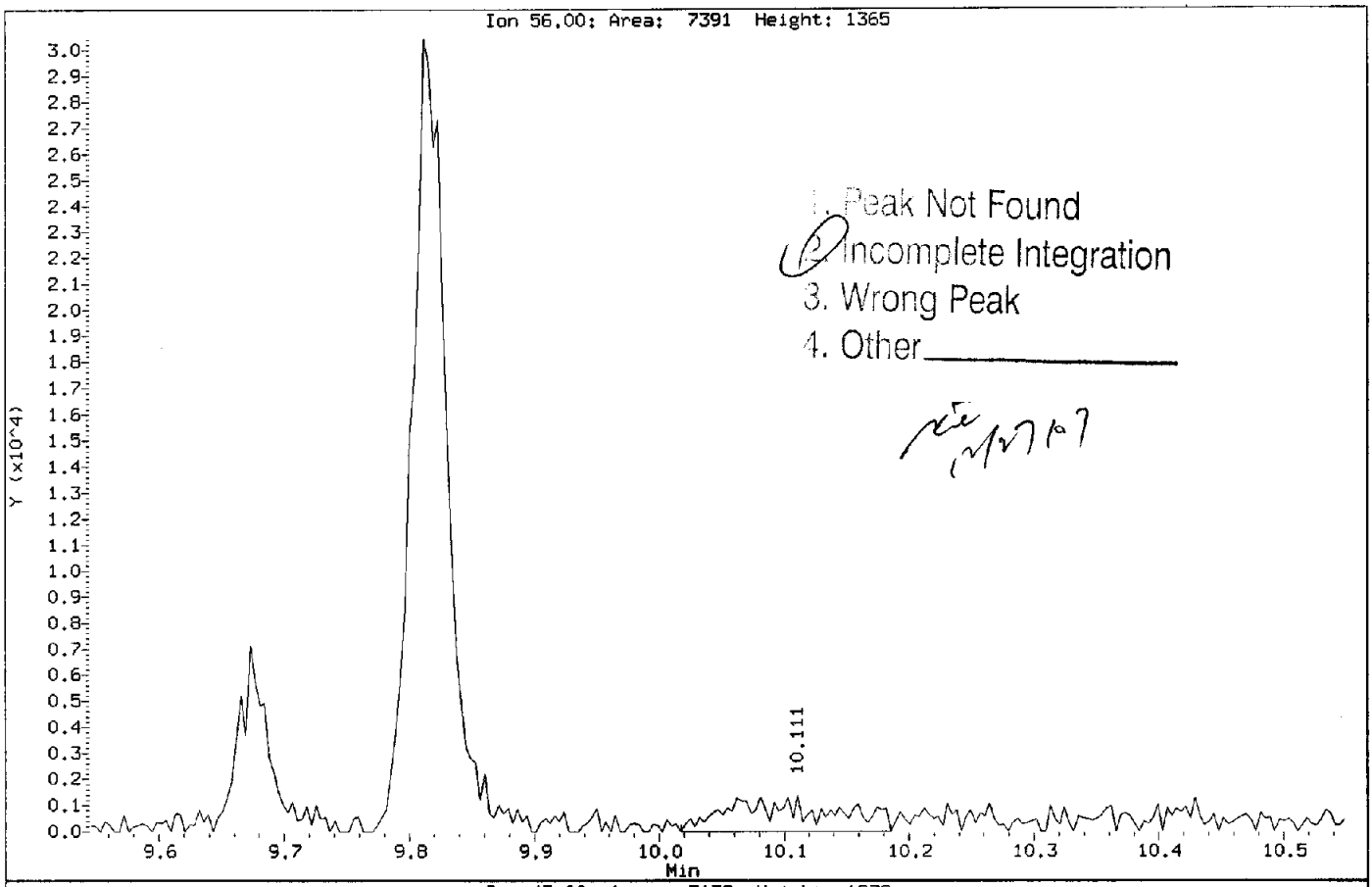
Compound: Ethyl acetate
CAS Number: 141-78-6

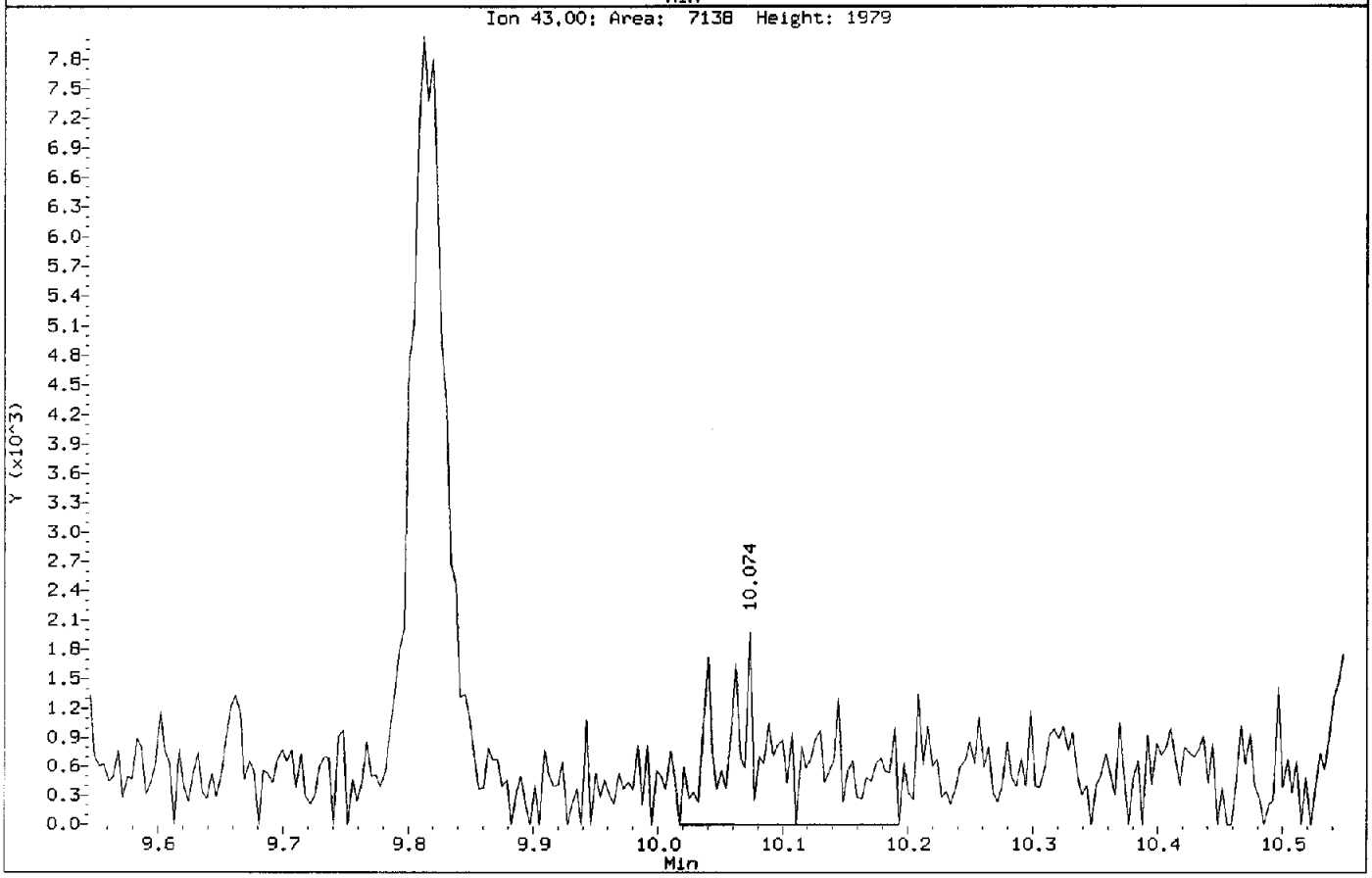




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7444.D
Injection Date: 21-DEC-2007 22:25
Instrument: MSL.i
Client Sample ID: M-57A

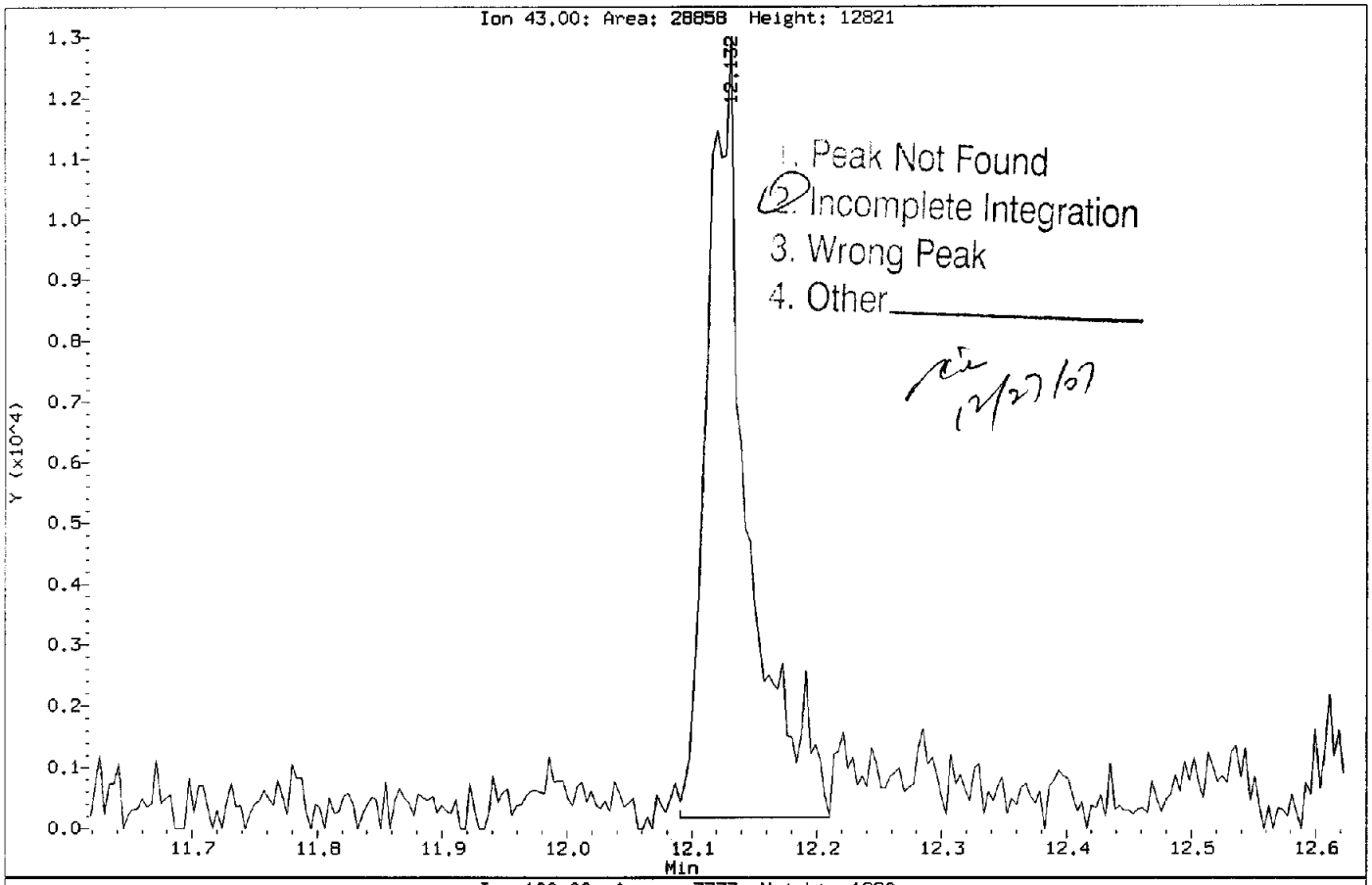
Compound: n-Butanol
CAS Number: 71-36-3

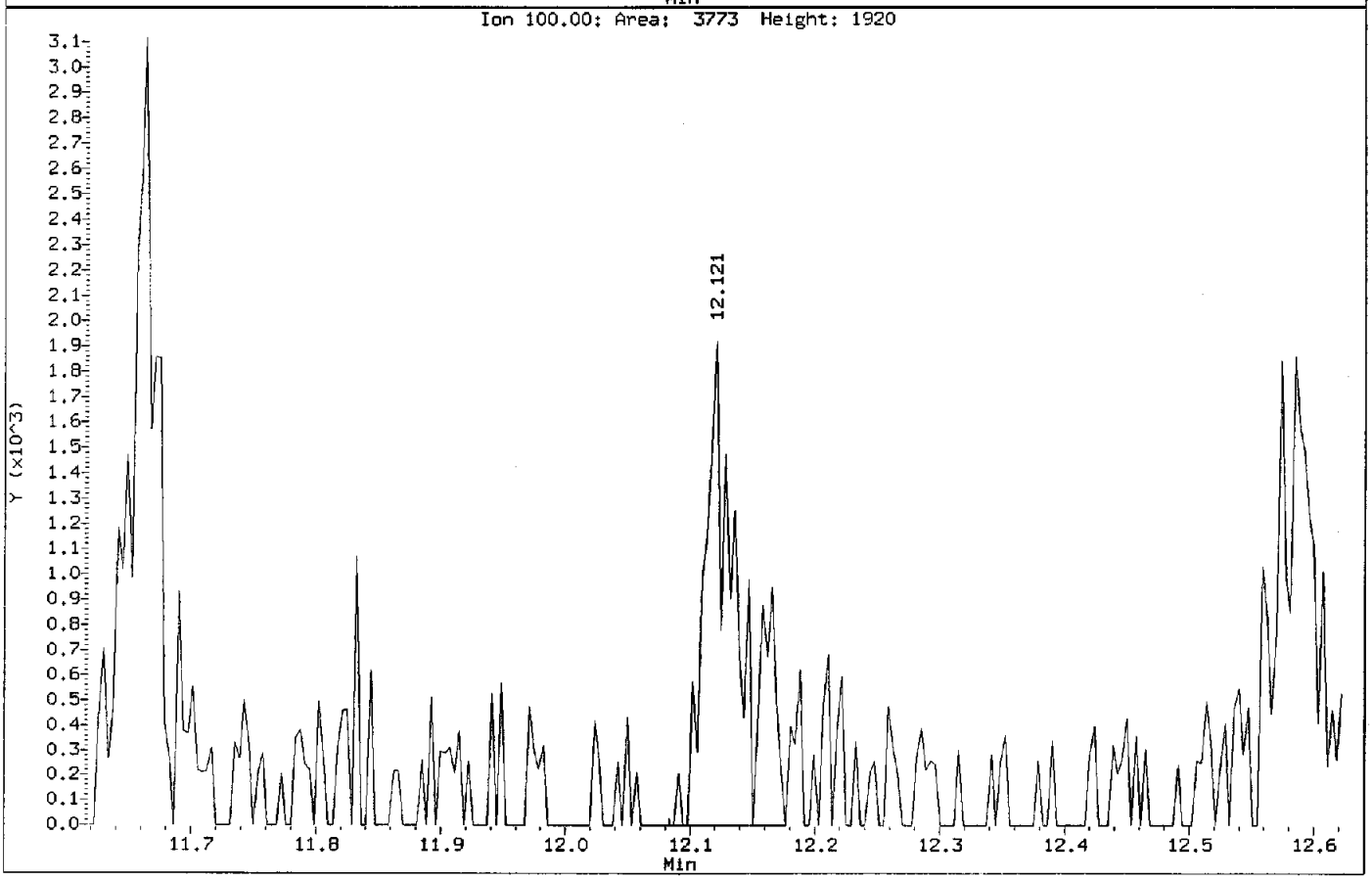




Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7444.D
Injection Date: 21-DEC-2007 22:25
Instrument: MSL.i
Client Sample ID: M-57A

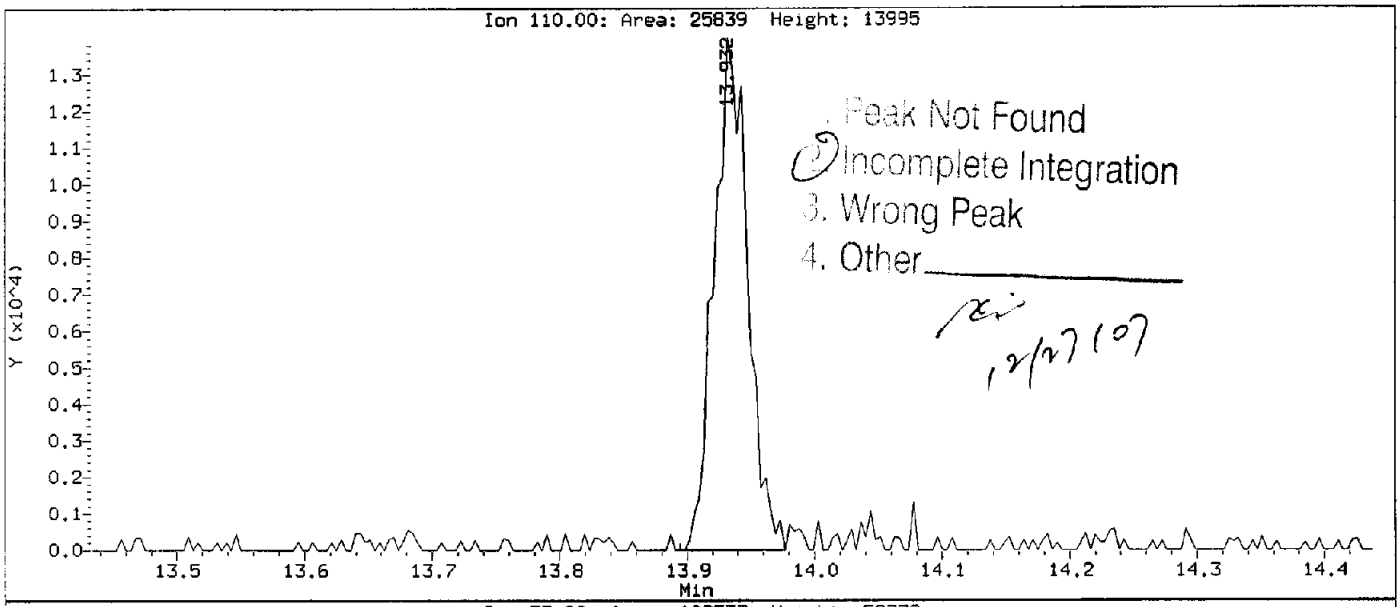
Compound: 2-Hexanone
CAS Number: 591-78-6

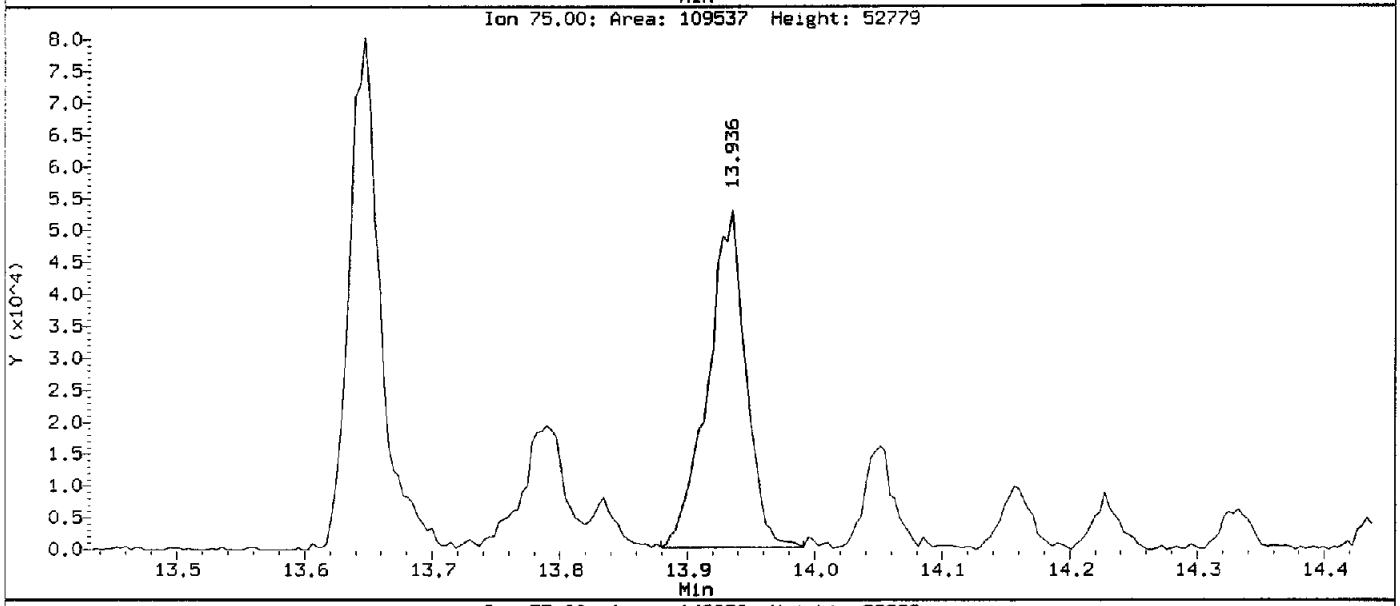


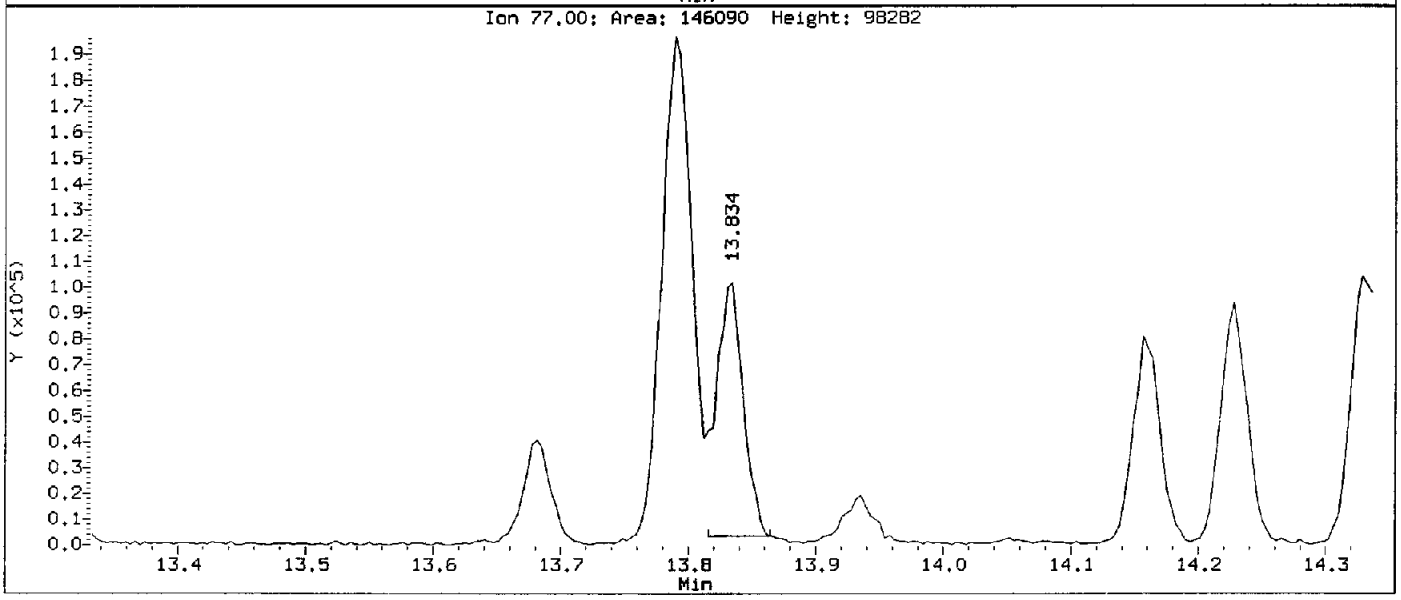


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7444.D
Injection Date: 21-DEC-2007 22:25
Instrument: MSL.i
Client Sample ID: M-57A

Compound: 1,2,3-Trichloropropane
CAS Number: 96-18-4

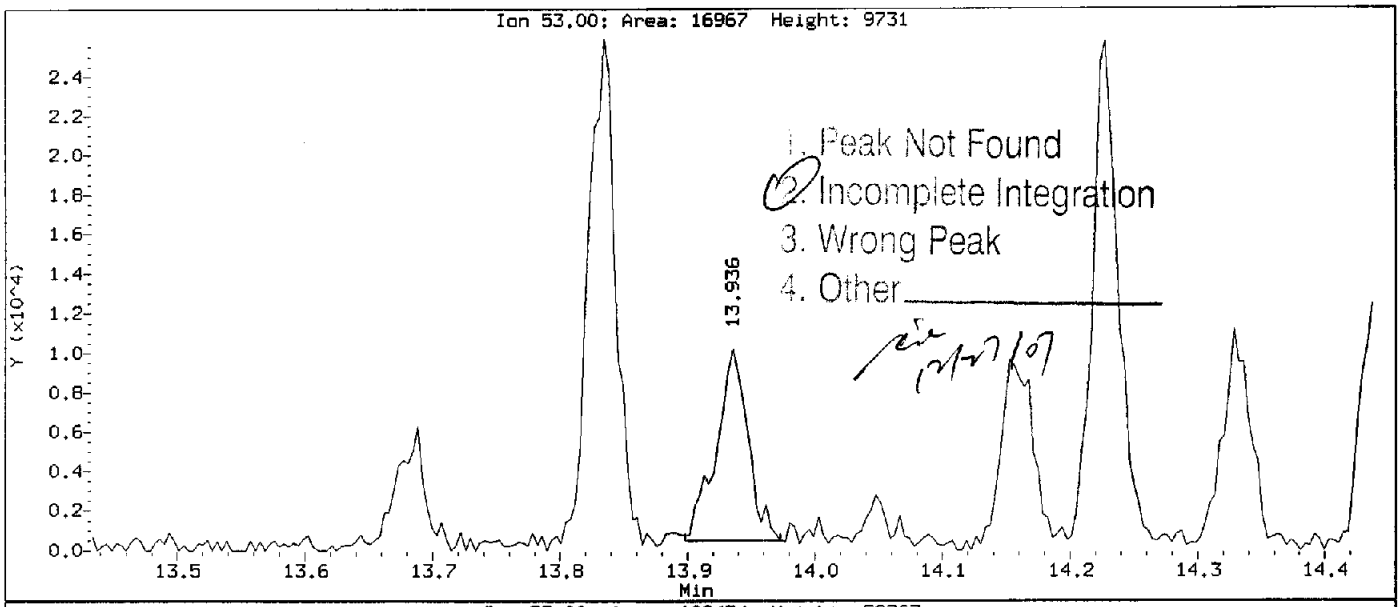


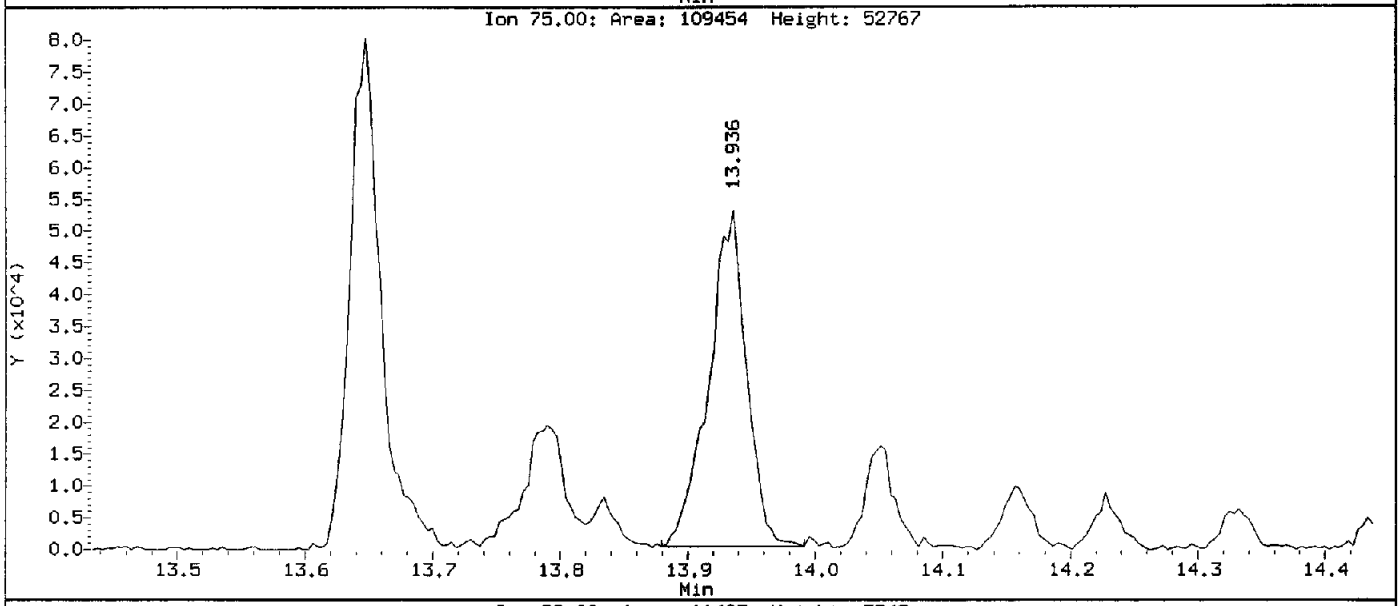


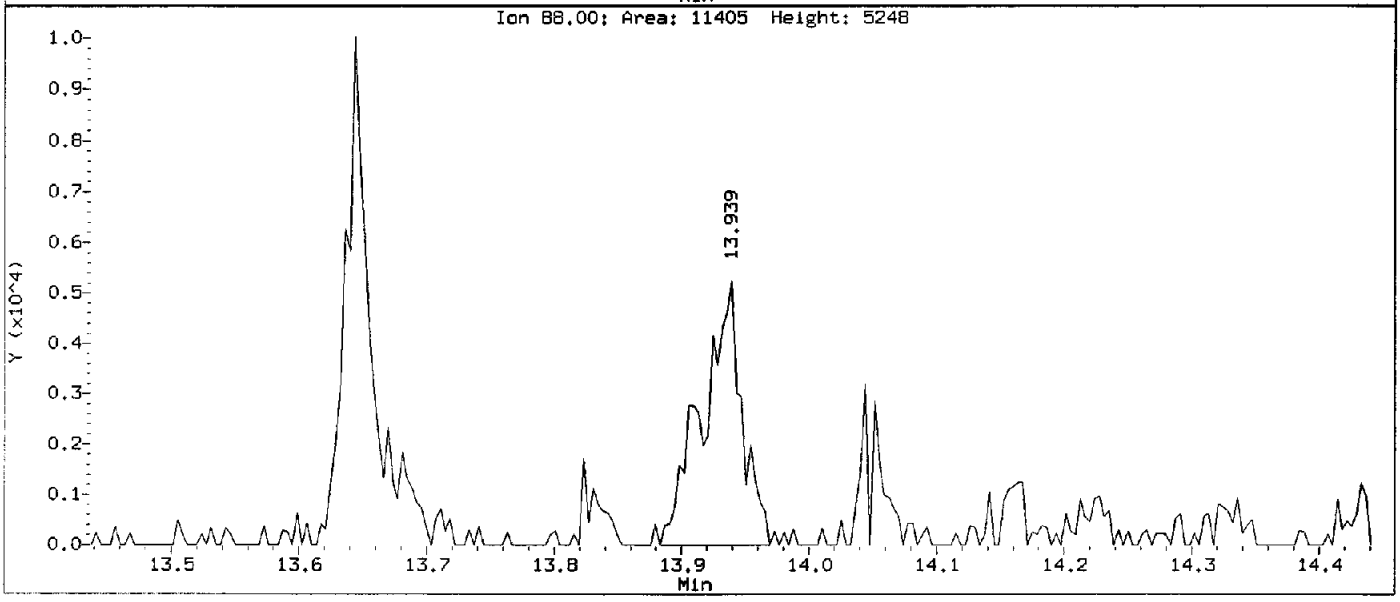


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7444.D
Injection Date: 21-DEC-2007 22:25
Instrument: MSL.i
Client Sample ID: M-57A

Compound: trans-1,4-dichloro-2-butene
CAS Number: 110-57-6

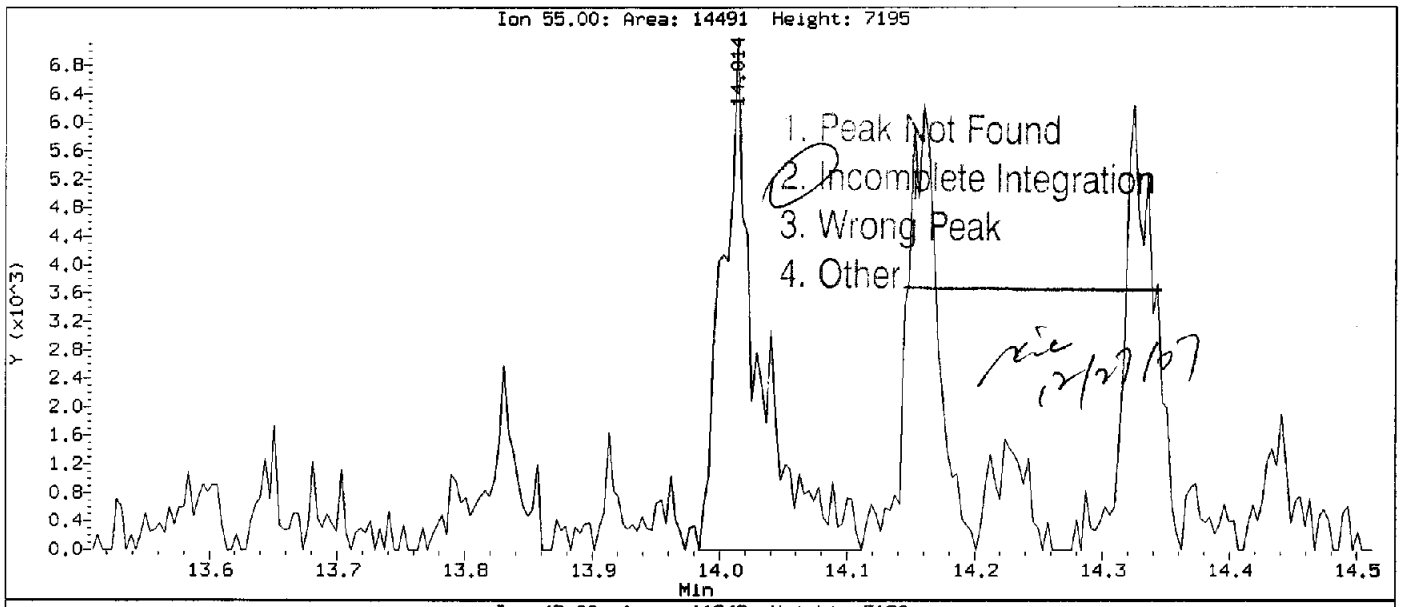


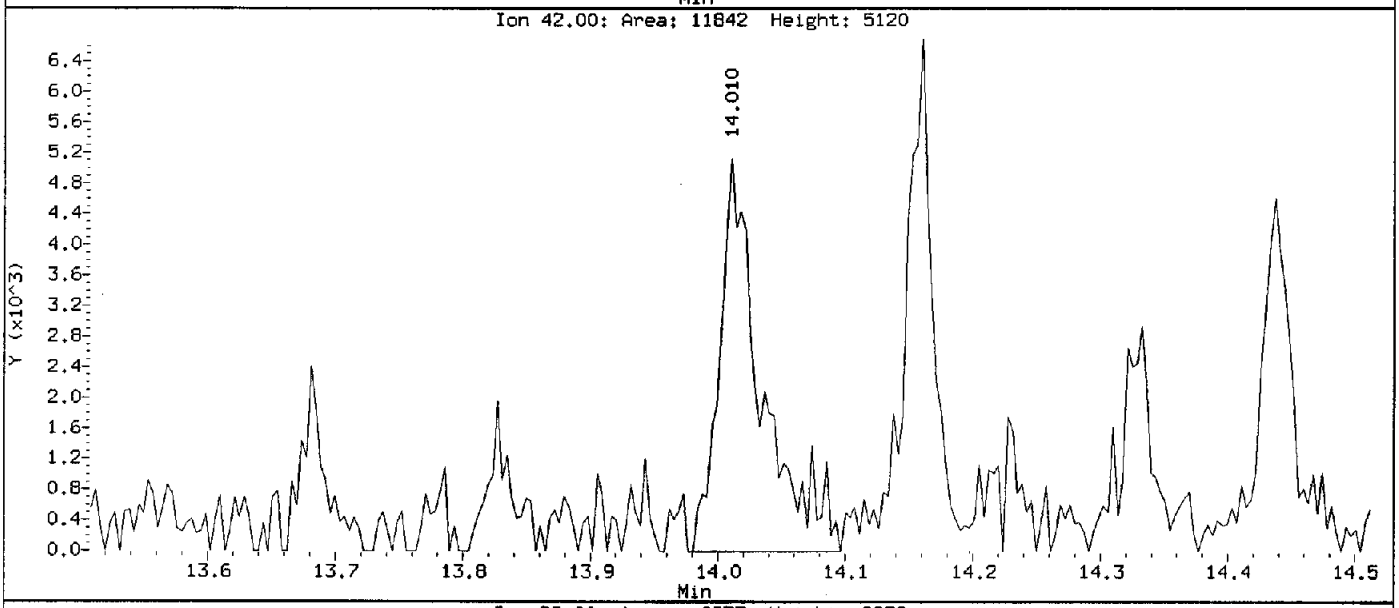


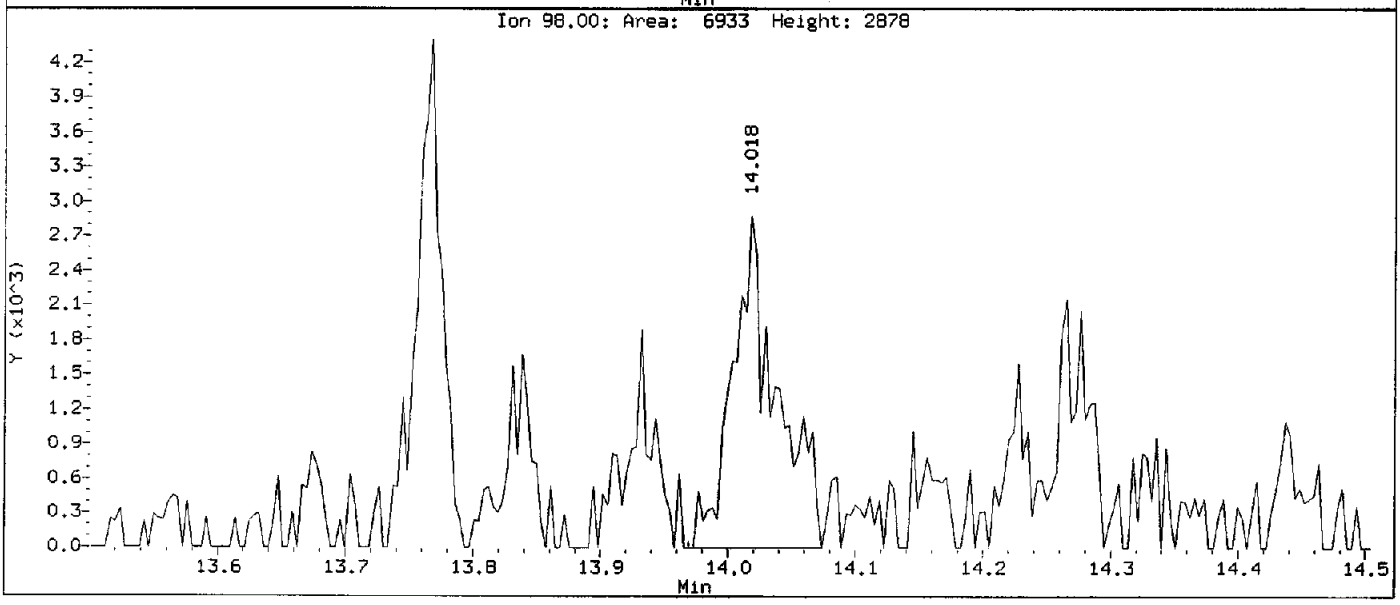


Data File: \\Slsvr01\Chem\MSL.i\L071221A.B\LSMP7444.D
Injection Date: 21-DEC-2007 22:25
Instrument: MSL.i
Client Sample ID: M-57A

Compound: Cyclohexanone
CAS Number: 108-94-1







GC/MS MISCELLANEOUS DATA

TestAmerica St. Louis GC/MS Volatiles Runlog

HB HF 7352134

Instrument: MSL Date: 12-17-07 Operator: XIA Batch #: 7352133 Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments	
BLK 7321					S. BLK									
7322					STD10									
BFB 7323					25NG BFB									OK
7324					25NG BFB									
BFB 7325	14:32	✓		524.2 8260C	25NG BFB									OK
CAL 7326	1217A	1			VSTD10								NCM06-107181.86	OK
CAL 7327		2			VSTD4.0									OK
7328		3			VSTD2.0									OK
7329		4			VSTD1.0									OK
7330		5			VSTD0.5									OK
7331		6			VSTD20									OK
7332		7		✓	VSTD40									OK
ICV 7333		8	F7L180000-133	8260C	ICV/LCS						OK	OK	NCM06-107190	OK
LCS 7334		9	133L		LCS									OK
BLK 7335		10			BLK									
7336		11	F7L180000-133B		QC. BLK									OK
SKIP 7337		12	F7L030160-1		KDCATEAA	Water	<2	25	NA	1X				OK
7338		13	2		KDCAHIAA									OK
7339		14	3		KDCALIAA									OK
7340		15	4		KDCANIAA									OK
7341		16	5		KDCAQIAA									OK
7342		17	6		KDCATIAA									OK
7343		18	F7L100224-1		KDVDUIAA									OK
7344		19	2		KDVOXIAA									OK
7345	✓	20	3	✓	KDVD01AA	✓	✓	✓	✓	✓	✓	✓		OK

BFB VA792-07
LCS/MS/MSD/ICV VA815-07
S VA810/809-07

CAL VA805/819-07
SURR VA802/809
Other NA

Note: Concentrations for standards can be found in the standards log.
Form: SL-ORG-0021, Rev. 07/27/07;
Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;
MeOH Lot#:

QC Reviewed By/Date: SS 12/18/07 Spiking Verified By: Clock Review Assigned To:

TestAmerica St. Louis GC/MS Volatiles Runlog

Instrument: MSL Date: 12-17-07 Operator: KIA Batch #: 7352184 Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments	
SMP 7346	12:17A	21	F7L080121	8260C	KDR4W2AC	Water	<2	5.25	NA	20x	ok	ok		ok
7347		22	F7L120220-1		KD05F1AC			25		1x			RR10x	ok
7348		23	2		KD05N1AC								RR 10x	ok
7349		24	3		KD05P1AC								RR10x	ok
7350	✓	25	3S		KD05P1AM				✓	✓	✓	✓		ok
7351	1:26	26	3D		KD05P1AN									ok
BLK 7352		27			BLK									
7353		28												
7354		29												
7355		30												

12/18/07

BFB NA CAL NA

LCS/MS/MSD/ICV VA819-07 SURR VA809/07

SS VA809/07 Other NA

Note: Concentrations for standards can be found in the standards log.

Form: SL-ORG-0021, Rev. 07/27/07;

Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;

MeOH Lot#:

QC Reviewed By/Date: SS 12/18/07 Spiking Verified By: Clock Review Assigned To:

TestAmerica St. Louis GC/MS Volatiles Runlog

HB
Batch #: 7358240, 7360149, 7360150

Instrument: MSL Date: 12-24-07 Operator: XIA Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments	
BFB7451	10:23	1		8260C	50 ng BFB									ok
CAL7452	1224	1			VSTD10									ok
↓7453		2			VSTD10-BRC									ok
LCS7454		3	FTL260990-240L		LCS/ICV						ok	ok	NCM06-107535	ok
↓7455		4	↓ 240L		LCS									ok
BLK7456		5			BLK									
↓7457		6	FTL260990-240R		QC. BLK									ok
SMP7458		7	FTL170154-1		KEAR1AA	water	<2	25	NA	1x				ok
7459		8	↓ 2		KEAQ2AA			↓						ok
7460		9	↓ 3		KEAQ4AA									ok
7461		10	FTL150156-2		KD88K2AA			25						ok
7462		11	↓ 3		KD88M2AA									ok
7463		12	↓ 7		KD88V2AA									ok
7464		13	FTL190290-3		KEKNX1AA									ok
7465		14	FTL190135-6		KEE952AA									ok
7466		15	↓ 4		KEE912AA							✓		ok
7467		16	↓ 1		KEE9Q2AA							1↓	RR100x	ok
7468		17	FTL190290-1		KEKNX1AA							1↓	RR100x	ok
7469		18	↓ 2		KEKN81AA							1↓	RR10x	ok
7470		19	FTL150156-4		KD88P2AA						✓	1↓	RR10x	ok
7471		20	↓ 5		KD88R2AA						↑	1↓	RR20x	ok
7472		21	↓ 6		KD88T2AA						olc	1↓	RR10x	ok
7473		22	FTL190135-3		KEE9W2AA						✓	ok	RR50x	ok
7474		23	↓ 5		KEE922AA						↑	1↓	RR100x + 1000x	ok
↓7475	↓	24	FTL190135-2	✓	KEE9T2AA	✓	✓	✓	✓	✓				

Note: Concentrations for standards can be found in the standards log.

BFB	VA792-07	CAL	VA823-07
LCS/MS/MSD/ICV	VA826-07	SURR	VA807/809-07
IS	VA807/810-07	Other	NA

Form: SL-ORG-0021, Rev. 07/27/07;
Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;
MeOH Lot#:

QC Reviewed By/Date: 12-26-07 Spiking Verified By: Clock Review Assigned To:

TestAmerica St. Louis GC/MS Volatiles Runlog

ai 12/26/07

Instrument: MSL Date: 12-24-07 Operator: XIA Batch #: 7360149, 7360449150 Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments
smp7476	17:18	25	FL190135-45	8260C	KEE91AC	WAAW	<2	25	NA	1x	ok	ok	ok
7477	↓	26	↓ 4D	↓	KEE91AD	↓	↓	↓	↓	↓	↓	↓	ok
7478	22:19	27	FL190237-3	↓	KEF8X2AA	↓	↓	1.25	↓	20x	↓	↓	ok
7479		28			137K								
7480		29			↓								
7481		30											

ai 12/26/07

BFB	NA	CAL	NA
LCS/MS/MSD/ICV	VA826-07	SURR	VA809-07
IS	VA829-07	Other	NA

Note: Concentrations for standards can be found in the standards log.
Form: SL-ORG-0021, Rev. 07/27/07;
Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;
MeOH Lot#:

QC Reviewed By/Date: John D. Hamm 12-26-07 Spiking Verified By: Clock Review Assigned To:

LOT# F7L190085

TestAmerica St. Louis GC/MS Volatiles Runlog

2x MAC SAW 7362156. 7362157. 7362159

Instrument: MSL Date: 12-27-07 Operator: X1A Batch #: 7362155, Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments	
BB7496	10:39			8260C	50ng BFB									OK
CAL7497	1227A	1			VSTD10									
7498		2			VSTD10									OK
LCS7499		3	FTL280000-155C		LCS						OK	OK		OK
7500		4	155L		LCS									OK
BLK7501		5			BLK									OK
7502		6	FTL280000-155B		RC. BLK									
SMP7503		7	FTL190158-6		KEFJF1AA	Water	c2	25	NA	1X				OK
7504		8	FTL190268-6		KEGF61AA									OK
7505		9	FTL150156-4		KD88P3AA			1.25		20X			See L7512	
7506		10	5		KD88R3AA			1.25		20X				OK
7507		11	6		KD88T3AA			0.5		50X				OK
7508		12	FTL190135-2		KEE9T3AA			0.25		100X				OK
7509		13	3		KEE9T4AA			0.05		500X				OK
7510		14	3		KEE9W3AA			1.25		20X				OK
7511		15	5		KEE923AA			0.5		50X				OK
7512		16	FTL150156-4		KD88P3AA			0.25		100X				OK
7513		17	FTL200290-1		KEKNX2AA					100X			IRR 1000X	OK
7514		18	2		KEKN82AA					100X			IRR 1000X	OK
7515		19	FTL200292-22		KEK442AA			25		1X				OK
7516		20	FTL200281-4		KEKK01AA							OK		OK
7517		21	1		KEKKP1AA									OK
7518		22	2		KEKKQ1AA									OK
7519		23	3		KEKKR1AA									OK
7520		24	FTL210043-1		KEM812A0			0.25		100X				OK

FB VA792-07 CAL VA828/827-07

CS/MS/MSD/ICV VA826-07 SURR VA807/809

VA807/810-07 Other NA

Note: Concentrations for standards can be found in the standards log.

Form: SL-ORG-0021, Rev. 07/27/07;

Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;

MeOH Lot#:

QC Reviewed By/Date: John A. Hamm 12-31-07 Spiking Verified By: Clock Review Assigned To: JMA

TestAmerica St. Louis GC/MS Volatiles Runlog

Instrument: MSL Date: 12-27-07 Operator: XIA Batch #: 7362159. Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments
MD 7521	1227A	25	F7L210243-1	8260C	KEM811AD	Water	<2	2.5	N/A	10x	OK	OK	OK
7522	↓	26	↓ 1S		KEM811AE			↓		↓			OK
7523	22:19	27	↓ 1D		KEM811AF			↓		↓			OK
7524		28	F7L190135-2		KEZ9T3AA			0.025		1000x			not need.
7525		29	↓ 2S		KEZ9T3			0.25		100x			
7526		30	↓ 2D	↓	KEZAT		↓	0.25	↓	↓	↓	↓	↓
7527		31			BLK							↓	
7528		32											
7529		33											
7530		34											
7531		35			↓	↓							

12/27/07

MB	NA	CAL	NA
LCS/MS/MSD/ICV	VA826-07	SURR	VA807-07
	VA827-07	Other	NA

Note: Concentrations for standards can be found in the standards log.
Form: SL-ORG-0021, Rev. 07/27/07;
Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;
MeOH Lot#:

QC Reviewed By/Date: John A. Horn 12-31-07 Spiking Verified By: Clock Review Assigned To:

TestAmerica St. Louis GC/MS Volatiles Runlog

SOW (2x)

...ment: **MSL** Date: 12-21-07 Operator: XIA Batch #: 7358094, 7358095, 7358096 Logbook No.: 3001

...ata File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments	
-B7418		/			50 ng BFB									
-B7419	10:29	/		8260	50 ng BFB									OK
L 7420	1221/A	1			VS71210									
7421		2			VS71210-BRC									OK
7422		3			VS71210									OK
S 7423		4	F7L240000-094C		~~LCS~~ LCS 12/21/07						OK	OK		OK
7424		5	094L		LCS									OK
K 7425		6			BLK									
7426		7	F7L240000-094B		QC. BLK									OK
D 7427		8	F7L130264-14	12/21	KD4R72AF	Water	<2	25	N/A	1X			see M071214	OK
7428		9	17		KD4AP2AC									OK
7429		10	F7L190237-1		KZF8V1AA									OK
7430		11	2		KZF8W1AA									OK
7431		12	3		KZF8X1AA								RR 20x	OK
7432		13	F7L200292-22		KZK441AA								RR 1x	
7433		14	23		KZK451AA									OK
7434		15	F7L200377-13		KZLA21AA									OK
7435		16	F7L200292-21		KZK1P1AA									OK
7436		17	F7L ~~190135~~ 200377-12		KZLAW1AA									OK
7437		18	F7L190135-6		KZZ951AA									OK
7438		19	1		KZZ9R1AA 12/27							✓		OK
7439		20	2		KZZ9T1AA							LV	RR 20x	OK
7440		21	3		KZZ9W1AA							LV	RR 20x	OK
7441		22	4		KZZ911AA							OK	RR 1x	
7442	✓	23	5	✓	KZZ921AA	✓	✓	✓	✓	✓	✓	OK	RR 50x	OK

	VA792-07	CAL	VA805/806-07
/MS/MSD/ICV	VA804-07	SURR	VA807/809-07
	VA807/810-07	Other	NA

Note: Concentrations for standards can be found in the standards log.
Form: SL-ORG-0021, Rev. 07/27/07;
Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;
MeOH Lot#:

...C Reviewed By/Date: [signature] 12-27-07 Spiking Verified By: Clock Review Assigned To: [signature]

SOP Reference STL-MS-0002 Rev 9 05/23/07

72

TestAmerica St. Louis GC/MS Volatiles Runlog

ument: MSL Date: 12-21-07 Operator: XIA Batch #: 7358096 Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments
7443	1221A	24	F7L190135-5S	8260C	KEE921AC	WATER	<2	12.5	NA	2X	dk	dk	dk
7444	↓	25	↓ SD	↓	KEE921AD	↓	↓	12.5	↓	2X	↓	↓	dk
7445	↓	26		↓	BLK	↓	↓	25	↓	↓	↓	↓	
7446	23:13	27	F7L130264-14	↓	KD3872AF	↓	<2	↓	↓	1X	↓	↓	not need.
7447		28			BLK			↓					
7448		29			↓								
7449		30											
7450		31			↓								

12/27/07

	NA	CAL	NA
/MS/MSD/ICV	VA8024-07	SURR	VA807-07
	VA807-07	Other	NA

Note: Concentrations for standards can be found in the standards log.
Form: SL-ORG-0021, Rev. 07/27/07;
Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;
MeOH Lot#:

QC Reviewed By/Date: 12-27-07 Spiking Verified By: Clock Review Assigned To:

TABLE OF CONTENTS - F7L200290

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. SPECIAL VOA

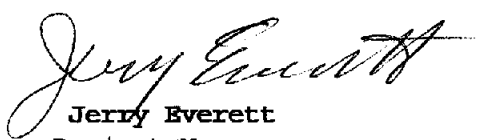
Henderson, NV Source Area Inv.

Lot #: F7L200290

Robert Kennedy

ENSR International Corporation
2 Technology Park Drive
Westford, MA 01886

TESTAMERICA LABORATORIES, INC.



Jerry Everett
Project Manager

January 7, 2008

13715 Rider Trail North Earth City, MO 63045 tel 314.298.8566 fax 314.298.8757 www.testamericainc.com

Case Narrative
LOT NUMBER: **F7L200290**

This report contains the analytical results for the three samples received under chain of custody by STL St. Louis on December 20, 2007. These samples are associated with your Henderson, NV Source Area Inv. project.

The analytical results included in this report meet all applicable quality control procedure requirements except as noted on the following page.

The test results in this report meet all NELAP requirements for parameters in which accreditations are held by STL St. Louis. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

All chemical analysis results are based upon sample as received, wet weight, unless noted otherwise. All radiochemistry results are based upon sample as dried and ground with the exception of tritium, unless requested wet weight by the client.

Observations/Nonconformances
Reference the chain of custody and condition upon receipt report for any variations on receipt conditions and temperature of samples on receipt.

Volatile Organics Method SW 846 8260B

Batch 7360149:
The D% CCV was high outside the Method criteria for several compounds indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit or not reported in the associated samples. The D% CCV was low outside the Method criteria for some other compounds such as 2-Chloroethyl vinyl ether and Cyclohexanone. They are not the target analytes in the associated samples.

The LCS/LCSD recoveries for Ethyl acetate, 1-Butanol, 1,2,3-Trichlorobenzene, and Methscrylonitrile are outside the upper QC limit, indicating a potential positive bias for those analytes. The analytes were not observed above the reporting limit in the associated samples. The RPDs for Acrlein, 1-Butanol and 1,2,3-Trichlorobenzene are outside of the QC limits, the recoveries are acceptable. Therefore the sample data was not adversely affected by this excursion. The original sample results are provided.

The D% for Methyl acetate in the ICV and Nonanal in the CCV are outside of the QC limits in the initial analysis. Both results are reported for your review.

The MS and MSD recoveries for some compounds are outside the established QC limits. The RPDs are not within method acceptance criteria. A matrix interference is physically evident in the sample. Method performance is demonstrated by acceptable LCS/LCSD recoveries.
Affected Samples:
F7L200290 (1): M-5A
F7L200290 (2): DUPE-1
F7L200290 (3): QCTB

Batch 7360149:
Sample surrogate recoveries for Toluene-d8 are below the established QC limits. This excursion is attributed to a matrix interference which is physically evident in the sample.
Affected Samples:
F7L200290 (1): M-5A
F7L200290 (2): DUPE-1

Batch 7362155:
The D% CCV was high outside the Method criteria for several compounds indicating a potential high bias for those analytes in the samples associated with this CCV. The analytes were not detected above the reporting limit or not reported in the associated samples. The D% CCV was low outside the Method criteria for some other compounds such as 1,4-Dioxane, 2-Chloroethyl vinyl ether and Cyclohexanone. They are not the target analytes.

The LCS/LCSD recoveries for several compounds are outside the upper QC limits, indicating a potential positive bias for these analytes. The analytes were not observed above the reporting limit in the associated samples. Therefore the sample data was not adversely affected by this excursion. The original sample results are provided.

The LCS/LCSD RPDs for Chloroethane, 1-Butanol, 1,4-Dioxane and Cyclohexanone are not within method acceptance criteria. Their recoveries in LCS/LCSD are within QC limits demonstrating good extraction performance in the sample matrix.

The MS and MSD recoveries for some compounds are outside the established QC limits. The recovery for Acetone is outside of the QC limits due to high concentration in the sample. 2-Chloroethyl vinyl ether is not detected in the MS/MSD due to the sample was preserved by Hydrochloric Acid. The RPDs are not within method acceptance criteria. A matrix interference is physically evident in the sample. Method performance is demonstrated by acceptable LCS/LCSD recovery.

The samples were analyzed at a dilution due to high concentrations of target analytes. The reporting limits have been adjusted only for those targets reported from the dilution run.
Affected Samples:
F7L200290 (1): M-5A
F7L200290 (2): DUPE-1

Batch 8002105:
The D% CCV was high outside the Method criteria for several compounds indicating a potential high bias for those analytes in the samples associated with this CCV. These analytes were not detected above the reporting limit or not reported in the associated samples. The D% CCV was low outside the Method criteria for some other compounds such as 2-Chloroethyl vinyl ether and Nonanal. They are not the target analytes or not reported from this batch.

The LCS/LCSD recoveries for Bromomethane and Ethyl acetate are outside the upper QC limit, indicating a potential positive bias for these analytes. The analytes were not observed above the reporting limit in the associated samples; The RPDs for three compounds are outside of the QC limits, their recoveries are within the QC limits; therefore the sample data was not adversely affected by this excursion. The original sample results are provided.

The MS/MSD were prepared and loaded on the instrument, but were not analyzed due to Instrument error. The LCS and LCSD were in control. The data is reported with the narrative.

The samples were analyzed at dilution due to high concentrations of target analytes. The reporting limits have been adjusted only for those targets reported from the dilution run.
Affected Samples:
F7L200290 (1): M-5A
F7L200290 (2): DUPE-1

Batch 8002105:
Sample surrogate recovery for 1,2-Dichloroethane-d4 is outside established QC limits. The sample target analyte Chlorobenzene is not associated with this surrogate excursion. Results are reported with this narrative.
Affected Samples:
F7L200290 (1): M-5A

F7L200290 CLIENT ANALYSIS SUMMARY

Storage Loc: V89

Project Manager: JAE
Quote #: 77939
SDG:
Date Received: 2007-12-20

Project: SPECIAL VOA
Henderson, NV Source Area Inv.
Analytical Due Date: 2008-01-04

PO#:
Report to: Robert Kennedy
Report Due Date: 2008-01-10

Client: 456833 ENSR International
#SMPS in LOT: 3
Report Type: D Expanded Deliverable
EDD Code: EQUISTICS

Sample control please add SO or W code to USFA line. Sample Receipt Notification Required - Robert Kennedy Organics: Report top 25 TIC's for VOA. Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient sample volume run LCS/LCSD. RAW DATA PACKATGES REQUIRED

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	!
1	M-5A			2007-12-19 / 930	KEKNX	WATER

SAMPLE COMMENTS:

XX	QK											
		SW846 8260B	Volatile Organics, GC/MS (8260B)	25	PURGE AND TRAP - 25 mL purge (Waters)	2X	SPECIAL PROJECTS	PROT: A	WRK LOC	06	TIC: Y	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	!
2	DUPE-1			2007-12-19 / 0	KEKN8	WATER

SAMPLE COMMENTS:

XX	QK											
		SW846 8260B	Volatile Organics, GC/MS (8260B)	25	PURGE AND TRAP - 25 mL purge (Waters)	2X	SPECIAL PROJECTS	PROT: A	WRK LOC	06	TIC: Y	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	!
3	QCTB			2007-12-19 / 600	KEKPE	WATER

SAMPLE COMMENTS:

XX	QK											
		SW846 8260B	Volatile Organics, GC/MS (8260B)	25	PURGE AND TRAP - 25 mL purge (Waters)	2X	SPECIAL PROJECTS	PROT: A	WRK LOC	06	TIC: Y	

F7L200290

CLIENT COMMENTS SUMMARY

Storage Loc: V89
Date Received: 2007-12-20
Analytical Due Date: 2008-01-04
Report Due Date: 2008-01-10
Report Type: D Expanded Deliverable
EDD Code: EQUISTICS

Project Manager: JAE
Quote #: 77939 SDG:
Project: SPECIAL VOA
Henderson, NV Source Area Inv.
PO#:
Report to: Robert Kennedy
Client: 456833 ENSR International
#SMPS in LOT: 3

Sample control please add SO or W code to USFA line.
Sample Receipt Notification Required - Robert Kennedy
Organics: Report top 25 TIC's for VOA.

Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient sample volume run LCS/LCSD.
RAW DATA PACKATGES REQUIRED

LOT# F7L200290

STL CUR 1537

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB:

SITE Tronox DATE 12/19/07 PAGE 1 OF 1

CLIENT ENSR

PROJECT NAME: Tronox - Henderson

PROJECT MANAGER: Robert Kennedy

JOB #: 04-010-023-1617

COELT LOG CODE: YES / NO

SAMPLER SIGNATURE

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B MTBE / BTEX Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	M-5A	12/14/07	0930	X	X				W	G	4	
2.	Dup-1	12/14/07	—	X	X				W	G	4	
3.	EQTB	12/14/07	0600	X	X				W	G	2	
4.												
5.												
6.												
7.												
8.												
9.												
10.												

TURN-AROUND TIME: Standard

MATRIX TYPE: S - Soil, W - Water, O - Other

CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES:
All samples are preserved on ice.
Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER ☐ YES ☒ NO

RELINQUISHED BY: Eric Nelson	SIGNATURE	ENSR International	DATE 12/19/07	TIME 1300	TOTAL NUMBER OF CONTAINERS: 10	
RECEIVED BY:	SIGNATURE	COMPANY Fedex	DATE	TIME	METHOD OF SHIPMENT	
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE 12-20-07	TIME 1014	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:	
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME		

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5094

12-19-07-1

TestAmerica St. Louis

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7L200290

- 1537 -

Condition Upon Receipt Form

Client: ENSR
Quote No: 77939
COC/RFA No: N/A
Initiated By: MH
Date: 12-20-07
Time: 1015

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 8640 5142 4686
2.
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages Y (N)
Sample Temperature (s):**
1. 2
2.
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y (N)	Are there custody seals present on the cooler?	8.	Y (N)	Are there custody seals present on bottles?
2.	Y N (N/A)	Do custody seals on cooler appear to be tampered with?	9.	Y N (N/A)	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	Y N (N/A)	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	Y N	If N/A- Was pH taken by original TestAmerica lab?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	(Y) N	Sample received in proper containers?
6.	Y (N)	Was sample received broken?	13.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y N	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

Corrective Action:
☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: JAE 12-21-07
Project Management Review: [signature] Date: 12-21-07 1537

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

METHODS SUMMARY

F7L200290

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

F7L200290

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KEKNX	001	M-5A	12/19/07	09:30
KEKN8	002	DUPE-1	12/19/07	
KEKPE	003	QCTB	12/19/07	06:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

ENSR International

Client Sample ID: M-5A

GC/MS Volatiles

Lot-Sample #...: F7L200290-001 **Work Order #...:** KEKNX1AA **Matrix.....:** W
Date Sampled...: 12/19/07 09:30 **Date Received..:** 12/20/07
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360149 **Analysis Time..:** 18:03
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	**39**	**1.0**	**ug/L**
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	**0.57 J**	**1.0**	**ug/L**
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	**380 E**	**1.0**	**ug/L**
Chlorodibromomethane	ND	1.0	ug/L
Chloroethane	**0.70 J**	**2.0**	**ug/L**
Chloroform	**0.92 J**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	**39**	**1.0**	**ug/L**
1,3-Dichlorobenzene	**0.79 J**	**1.0**	**ug/L**
1,4-Dichlorobenzene	**56 E**	**1.0**	**ug/L**
1,1-Dichloroethane	**54 E**	**1.0**	**ug/L**
1,2-Dichloroethane	**41**	**1.0**	**ug/L**
1,1-Dichloroethene	**0.43 J**	**1.0**	**ug/L**
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L

(Continued on next page)

ENSR International

Client Sample ID: M-5A

GC/MS Volatiles

Lot-Sample #...: F7L200290-001 **Work Order #...:** KEKNX1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	**4.6**	**1.0**	**ug/L**
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L
2-Methylhexane	ND	1.0	ug/L

(Continued on next page)

ENSR International

Client Sample ID: M-5A

GC/MS Volatiles

Lot-Sample #...: F7L200290-001 **Work Order #...:** KEKNX1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Methylhexane	ND	10	ug/L
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	50 *	(69 - 119)
Dibromofluoromethane	109	(74 - 134)
1,2-Dichloroethane-d4	117	(72 - 128)
4-Bromofluorobenzene	87	(71 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: M-5A

GC/MS Volatiles

Lot-Sample #...: F7L200290-001 **Work Order #...:** KEKNX2AA **Matrix.....:** W
Date Sampled...: 12/19/07 09:30 **Date Received..:** 12/20/07
Prep Date.....: 12/27/07 **Analysis Date..:** 12/27/07
Prep Batch #...: 7362155 **Analysis Time..:** 18:09
Dilution Factor: 100

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	**6700 D,E**	**100**	**ug/L**
1,4-Dichlorobenzene	**74 J,D**	**100**	**ug/L**
1,1-Dichloroethane	**61 J,D**	**100**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	88	(69 - 119)
Dibromofluoromethane	119	(74 - 134)
1,2-Dichloroethane-d4	120	(72 - 128)
4-Bromofluorobenzene	104	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

E Estimated result. Result concentration exceeds the calibration range.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: M-5A

GC/MS Volatiles

Lot-Sample #...: F7L200290-001 **Work Order #...:** KEKNX3AA **Matrix.....:** W
Date Sampled...: 12/19/07 09:30 **Date Received..:** 12/20/07
Prep Date.....: 12/31/07 **Analysis Date..:** 12/31/07
Prep Batch #...: 8002105 **Analysis Time..:** 20:39
Dilution Factor: 1000

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	**5700 D**	**1000**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(69 - 119)
Dibromofluoromethane	123	(74 - 134)
1,2-Dichloroethane-d4	130 *	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

D Result was obtained from the analysis of a dilution.

ENSR International

Client Sample ID: DUPE-1

GC/MS Volatiles

Lot-Sample #...: F7L200290-002 **Work Order #...:** KEKN81AA **Matrix.....:** W
Date Sampled...: 12/19/07 **Date Received..:** 12/20/07
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360149 **Analysis Time..:** 18:27
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	**39**	**1.0**	**ug/L**
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	**0.51 J**	**1.0**	**ug/L**
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	**370 E**	**1.0**	**ug/L**
Chlorodibromomethane	ND	1.0	ug/L
Chloroethane	**0.77 J**	**2.0**	**ug/L**
Chloroform	**0.92 J**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	**40**	**1.0**	**ug/L**
1,3-Dichlorobenzene	**0.84 J**	**1.0**	**ug/L**
1,4-Dichlorobenzene	**58 E**	**1.0**	**ug/L**
1,1-Dichloroethane	**55 E**	**1.0**	**ug/L**
1,2-Dichloroethane	**41**	**1.0**	**ug/L**
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L

(Continued on next page)

ENSR International

Client Sample ID: DUPE-1

GC/MS Volatiles

Lot-Sample #...: F7L200290-002 **Work Order #...:** KEKN81AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	**0.13 J**	**1.0**	**ug/L**
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	**4.6**	**1.0**	**ug/L**
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L
2-Methylhexane	ND	1.0	ug/L

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ENSR International

Client Sample ID: DUPE-1

GC/MS Volatiles

Lot-Sample #...: F7L200290-002 **Work Order #...:** KEKN81AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Methylhexane	ND	10	ug/L
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	53 *	(69 - 119)
Dibromofluoromethane	105	(74 - 134)
1,2-Dichloroethane-d4	114	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: DUPE-1

GC/MS Volatiles

Lot-Sample #...: F7L200290-002 **Work Order #...:** KEKN82AA **Matrix.....:** W
Date Sampled...: 12/19/07 **Date Received..:** 12/20/07
Prep Date.....: 12/27/07 **Analysis Date..:** 12/27/07
Prep Batch #...: 7362155 **Analysis Time..:** 18:34
Dilution Factor: 100

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	**6600 D,E**	**100**	**ug/L**
1,4-Dichlorobenzene	**69 J,D**	**100**	**ug/L**
1,1-Dichloroethane	**57 J,D**	**100**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(69 - 119)
Dibromofluoromethane	118	(74 - 134)
1,2-Dichloroethane-d4	118	(72 - 128)
4-Bromofluorobenzene	104	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

E Estimated result. Result concentration exceeds the calibration range.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: DUPE-1

GC/MS Volatiles

Lot-Sample #...: F7L200290-002 **Work Order #...:** KEKN83AA **Matrix.....:** W
Date Sampled...: 12/19/07 **Date Received..:** 12/20/07
Prep Date.....: 12/31/07 **Analysis Date..:** 12/31/07
Prep Batch #...: 8002105 **Analysis Time..:** 16:28
Dilution Factor: 1000
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	**5800 D**	**1000**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(69 - 119)
Dibromofluoromethane	116	(74 - 134)
1,2-Dichloroethane-d4	118	(72 - 128)
4-Bromofluorobenzene	106	(71 - 115)

NOTE(S):

D Result was obtained from the analysis of a dilution.

ENSR International

Client Sample ID: QCTB

GC/MS Volatiles

Lot-Sample #...: F7L200290-003 **Work Order #...:** KEKPE1AA **Matrix.....:** W
Date Sampled...: 12/19/07 06:00 **Date Received..:** 12/20/07
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360149 **Analysis Time..:** 16:24
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	2.0	ug/L
Acetonitrile	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Chlorobromomethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Methyl ethyl ketone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chlorodibromomethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	**0.25 J**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L

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ENSR International

Client Sample ID: QCTB

GC/MS Volatiles

Lot-Sample #...: F7L200290-003 **Work Order #...:** KEKPE1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethanol	ND	250	ug/L
Ethylbenzene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
n-Heptane	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Dichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
2-Nitropropane	ND	10	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
1,3,5-Trichlorobenzene	ND	5.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L
Dimethyl disulfide	ND	5.0	ug/L
2,4-Dimethylpentane	ND	1.0	ug/L
Nonanal	ND	5.0	ug/L
2-Methylhexane	ND	1.0	ug/L

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ENSR International

Client Sample ID: QCTB

GC/MS Volatiles

Lot-Sample #...: F7L200290-003 **Work Order #...:** KEKPE1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Methylhexane	ND	10	ug/L
3-ethylpentane	ND	10	ug/L
2,2-Dimethylpentane	ND	1.0	ug/L
2,3-Dimethylpentane	ND	1.0	ug/L
3,3-dimethylpentane	ND	1.0	ug/L
2,2,3-Trimethylbutane	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(69 - 119)
Dibromofluoromethane	116	(74 - 134)
1,2-Dichloroethane-d4	116	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KERR91AA **Matrix.....:** WATER
MB Lot-Sample #: F7L260000-149

Prep Date.....: 12/24/07 **Analysis Time..:** 13:31
Analysis Date..: 12/24/07 **Prep Batch #...:** 7360149
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	2.0	ug/L	SW846 8260B
Acetonitrile	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Chlorobromomethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Methyl ethyl ketone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chlorodibromomethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethanol	ND	250	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KERR91AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
n-Heptane	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Dichloromethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
2-Nitropropane	ND	10	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	2.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
1,3,5-Trichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane (Freon 12)	ND	2.0	ug/L	SW846 8260B
Dimethyl disulfide	ND	5.0	ug/L	SW846 8260B
2,4-Dimethylpentane	ND	1.0	ug/L	SW846 8260B
Nonanal	ND	5.0	ug/L	SW846 8260B
2-Methylhexane	ND	1.0	ug/L	SW846 8260B
3-Methylhexane	ND	10	ug/L	SW846 8260B
3-ethylpentane	ND	10	ug/L	SW846 8260B
2,2-Dimethylpentane	ND	1.0	ug/L	SW846 8260B
2,3-Dimethylpentane	ND	1.0	ug/L	SW846 8260B
3,3-dimethylpentane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KERR91AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2,3-Trimethylbutane	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	103	(69 - 119)
Dibromofluoromethane	114	(74 - 134)
1,2-Dichloroethane-d4	113	(72 - 128)
4-Bromofluorobenzene	107	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KEWA41AA **Matrix.....:** WATER
MB Lot-Sample #: F7L280000-155
Prep Date.....: 12/27/07 **Analysis Time..:** 13:37
Analysis Date..: 12/27/07 **Prep Batch #...:** 7362155
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(69 - 119)
Dibromofluoromethane	115	(74 - 134)
1,2-Dichloroethane-d4	113	(72 - 128)
4-Bromofluorobenzene	102	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KE00W1AA **Matrix.....:** WATER
MB Lot-Sample #: F8A020000-105
Prep Date.....: 12/31/07 **Analysis Time..:** 15:39
Analysis Date..: 12/31/07 **Prep Batch #...:** 8002105
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chlorobenzene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(69 - 119)
Dibromofluoromethane	111	(74 - 134)
1,2-Dichloroethane-d4	115	(72 - 128)
4-Bromofluorobenzene	106	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KERR91AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L260000-149 KERR91AD-LCSD
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360149 **Analysis Time..:** 12:08
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Isopropylbenzene	85	(75 - 135)			SW846 8260B
	87	(75 - 135)	2.6	(0-20)	SW846 8260B
p-Isopropyltoluene	89	(74 - 128)			SW846 8260B
	92	(74 - 128)	3.0	(0-20)	SW846 8260B
Methyl tert-butyl ether (MTBE)	118	(68 - 133)			SW846 8260B
	120	(68 - 133)	1.8	(0-20)	SW846 8260B
2-Nitropropane	104	(65 - 133)			SW846 8260B
	106	(65 - 133)	2.3	(0-20)	SW846 8260B
n-Propylbenzene	86	(72 - 136)			SW846 8260B
	89	(72 - 136)	3.0	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	102	(80 - 122)			SW846 8260B
	104	(80 - 122)	1.6	(0-20)	SW846 8260B
1,2,3-Trichlorobenzene	134 a	(71 - 130)			SW846 8260B
	137 a	(71 - 130)	2.1	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	118	(74 - 123)			SW846 8260B
	122	(74 - 123)	3.6	(0-20)	SW846 8260B
Trichlorofluoromethane	84	(71 - 133)			SW846 8260B
	92	(71 - 133)	8.8	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	90	(73 - 128)			SW846 8260B
	91	(73 - 128)	1.2	(0-20)	SW846 8260B
Acetonitrile	106	(44 - 135)			SW846 8260B
	94	(44 - 135)	12	(0-20)	SW846 8260B
Iodomethane	84	(33 - 140)			SW846 8260B
	92	(33 - 140)	8.5	(0-20)	SW846 8260B
Vinyl acetate	128	(23 - 140)			SW846 8260B
	136	(23 - 140)	6.0	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	112	(84 - 127)			SW846 8260B
	112	(84 - 127)	0.17	(0-20)	SW846 8260B
Chlorodibromomethane	114	(69 - 136)			SW846 8260B
	114	(69 - 136)	0.43	(0-20)	SW846 8260B
Chloromethane	80	(65 - 135)			SW846 8260B
	89	(65 - 135)	11	(0-20)	SW846 8260B
Vinyl chloride	87	(67 - 138)			SW846 8260B
	97	(67 - 138)	11	(0-20)	SW846 8260B
Bromomethane	112	(38 - 140)			SW846 8260B
	118	(38 - 140)	4.9	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KERR91AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L260000-149 KERR91AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Chloroethane	81	(64 - 139)			SW846 8260B
	82	(64 - 139)	0.94	(0-20)	SW846 8260B
Acetone	95	(46 - 133)			SW846 8260B
	88	(46 - 133)	7.2	(0-20)	SW846 8260B
1,1-Dichloroethene	96	(61 - 130)			SW846 8260B
	98	(61 - 130)	2.2	(0-20)	SW846 8260B
Dichloromethane	104	(74 - 139)			SW846 8260B
	109	(74 - 139)	3.9	(0-20)	SW846 8260B
Carbon disulfide	102	(40 - 140)			SW846 8260B
	104	(40 - 140)	2.0	(0-20)	SW846 8260B
1,1-Dichloroethane	98	(83 - 115)			SW846 8260B
	97	(83 - 115)	1.2	(0-20)	SW846 8260B
Methyl ethyl ketone	97	(30 - 140)			SW846 8260B
	94	(30 - 140)	3.9	(0-20)	SW846 8260B
1,2-Dichloroethene (total)	99	(85 - 118)			SW846 8260B
	99	(85 - 118)	0.55	(0-20)	SW846 8260B
Chloroform	98	(84 - 117)			SW846 8260B
	103	(84 - 117)	4.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	97	(81 - 120)			SW846 8260B
	99	(81 - 120)	1.6	(0-20)	SW846 8260B
Carbon tetrachloride	104	(73 - 132)			SW846 8260B
	106	(73 - 132)	2.7	(0-20)	SW846 8260B
1,2-Dichloroethane	104	(78 - 121)			SW846 8260B
	104	(78 - 121)	0.090	(0-20)	SW846 8260B
Benzene	98	(84 - 117)			SW846 8260B
	99	(84 - 117)	0.54	(0-20)	SW846 8260B
Trichloroethene	102	(78 - 120)			SW846 8260B
	100	(78 - 120)	1.8	(0-20)	SW846 8260B
1,2-Dichloropropane	102	(81 - 120)			SW846 8260B
	106	(81 - 120)	4.0	(0-20)	SW846 8260B
Bromodichloromethane	110	(84 - 123)			SW846 8260B
	110	(84 - 123)	0.090	(0-20)	SW846 8260B
1,1,2-Trichloroethane	103	(75 - 122)			SW846 8260B
	103	(75 - 122)	0.58	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	110	(85 - 126)			SW846 8260B
	105	(85 - 126)	4.6	(0-20)	SW846 8260B
Toluene	95	(82 - 123)			SW846 8260B
	95	(82 - 123)	0.97	(0-20)	SW846 8260B
m-Xylene & p-Xylene	94	(85 - 121)			SW846 8260B
	95	(85 - 121)	0.73	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KERR91AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L260000-149 KERR91AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
o-Xylene	102	(85 - 125)			SW846 8260B
	99	(85 - 125)	2.6	(0-20)	SW846 8260B
1,3-Dichlorobenzene	94	(85 - 115)			SW846 8260B
	96	(85 - 115)	1.2	(0-20)	SW846 8260B
1,4-Dichlorobenzene	93	(85 - 115)			SW846 8260B
	96	(85 - 115)	3.1	(0-20)	SW846 8260B
2-Hexanone	106	(59 - 135)			SW846 8260B
	93	(59 - 135)	13	(0-20)	SW846 8260B
4-Methyl-2-pentanone	126	(59 - 140)			SW846 8260B
	114	(59 - 140)	10	(0-20)	SW846 8260B
Chlorobenzene	100	(84 - 116)			SW846 8260B
	100	(84 - 116)	0.23	(0-20)	SW846 8260B
Bromoform	114	(78 - 127)			SW846 8260B
	117	(78 - 127)	2.2	(0-20)	SW846 8260B
Ethylbenzene	94	(85 - 126)			SW846 8260B
	95	(85 - 126)	0.88	(0-20)	SW846 8260B
Styrene	94	(85 - 125)			SW846 8260B
	94	(85 - 125)	0.020	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	100	(70 - 125)			SW846 8260B
	102	(70 - 125)	2.0	(0-20)	SW846 8260B
Tetrachloroethene	97	(64 - 127)			SW846 8260B
	96	(64 - 127)	0.96	(0-20)	SW846 8260B
1,2-Dichlorobenzene	95	(85 - 115)			SW846 8260B
	99	(85 - 115)	3.6	(0-20)	SW846 8260B
Bromobenzene	96	(85 - 115)			SW846 8260B
	98	(85 - 115)	2.5	(0-20)	SW846 8260B
Chlorobromomethane	106	(66 - 153)			SW846 8260B
	107	(66 - 153)	1.1	(0-20)	SW846 8260B
n-Butylbenzene	88	(68 - 136)			SW846 8260B
	91	(68 - 136)	2.9	(0-20)	SW846 8260B
sec-Butylbenzene	87	(78 - 131)			SW846 8260B
	89	(78 - 131)	2.2	(0-20)	SW846 8260B
tert-Butylbenzene	87	(74 - 129)			SW846 8260B
	89	(74 - 129)	2.4	(0-20)	SW846 8260B
2-Chlorotoluene	89	(79 - 125)			SW846 8260B
	90	(79 - 125)	0.93	(0-20)	SW846 8260B
4-Chlorotoluene	91	(82 - 126)			SW846 8260B
	93	(82 - 126)	2.8	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	96	(58 - 132)			SW846 8260B
	108	(58 - 132)	11	(0-20)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KERR91AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L260000-149 KERR91AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane (Freon 12)	87	(36 - 140)			SW846 8260B
	96	(36 - 140)	10	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	100	(85 - 121)			SW846 8260B
	103	(85 - 121)	2.8	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	98	(81 - 118)			SW846 8260B
	96	(81 - 118)	1.8	(0-20)	SW846 8260B
1,3-Dichloropropane	106	(79 - 123)			SW846 8260B
	108	(79 - 123)	2.0	(0-20)	SW846 8260B
2,2-Dichloropropane	95	(76 - 124)			SW846 8260B
	96	(76 - 124)	1.1	(0-20)	SW846 8260B
1,1-Dichloropropene	97	(85 - 122)			SW846 8260B
	98	(85 - 122)	0.63	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	102	(57 - 134)			SW846 8260B
	104	(57 - 134)	2.3	(0-20)	SW846 8260B
Allyl chloride	97	(57 - 136)			SW846 8260B
	102	(57 - 136)	4.7	(0-20)	SW846 8260B
Cyclohexanone	67	(24 - 140)			SW846 8260B
	74	(24 - 140)	10	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	102	(71 - 130)			SW846 8260B
	106	(71 - 130)	3.6	(0-20)	SW846 8260B
trans-1,4-Dichloro-2-butene	105	(51 - 133)			SW846 8260B
	113	(51 - 133)	7.1	(0-20)	SW846 8260B
Ethyl methacrylate	96	(64 - 121)			SW846 8260B
	99	(64 - 121)	3.0	(0-20)	SW846 8260B
Hexachlorobutadiene	91	(66 - 137)			SW846 8260B
	97	(66 - 137)	6.4	(0-20)	SW846 8260B
n-Hexane	99	(53 - 140)			SW846 8260B
	113	(53 - 140)	13	(0-20)	SW846 8260B
Methyl methacrylate	117	(56 - 131)			SW846 8260B
	122	(56 - 131)	3.7	(0-20)	SW846 8260B
Naphthalene	121	(58 - 132)			SW846 8260B
	124	(58 - 132)	3.2	(0-20)	SW846 8260B
Tetrahydrofuran	120	(60 - 140)			SW846 8260B
	116	(60 - 140)	3.2	(0-20)	SW846 8260B
Ethyl ether	116	(62 - 137)			SW846 8260B
	120	(62 - 137)	3.4	(0-20)	SW846 8260B
1-Butanol	143 a	(20 - 140)			SW846 8260B
	90 p	(20 - 140)	46	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KERR91AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L260000-149 KERR91AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Ethyl acetate	**281 a**	**(40 - 140)**			**SW846 8260B**
	292 a	**(40 - 140)**	**3.8**	**(0-20)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**90**	**(18 - 140)**			**SW846 8260B**
	90	**(18 - 140)**	**0.020**	**(0-20)**	**SW846 8260B**
Acrolein	**110**	**(20 - 140)**			**SW846 8260B**
	83 p	**(20 - 140)**	**28**	**(0-20)**	**SW846 8260B**
Acrylonitrile	**118**	**(73 - 136)**			**SW846 8260B**
	120	**(73 - 136)**	**1.0**	**(0-20)**	**SW846 8260B**
Cyclohexane	**102**	**(24 - 140)**			**SW846 8260B**
	106	**(24 - 140)**	**4.5**	**(0-20)**	**SW846 8260B**
Isobutanol	**101**	**(50 - 140)**			**SW846 8260B**
	111	**(50 - 140)**	**9.1**	**(0-20)**	**SW846 8260B**
Methacrylonitrile	**120**	**(65 - 140)**			**SW846 8260B**
	150 a,p	**(65 - 140)**	**22**	**(0-20)**	**SW846 8260B**
Methylcyclohexane	**97**	**(68 - 140)**			**SW846 8260B**
	102	**(68 - 140)**	**4.1**	**(0-20)**	**SW846 8260B**
Propionitrile	**111**	**(64 - 139)**			**SW846 8260B**
	111	**(64 - 139)**	**0.030**	**(0-20)**	**SW846 8260B**
1,4-Dioxane	**80**	**(48 - 140)**			**SW846 8260B**
	72	**(48 - 140)**	**11**	**(0-20)**	**SW846 8260B**
Pentachloroethane	**111**	**(49 - 140)**			**SW846 8260B**
	111	**(49 - 140)**	**0.45**	**(0-20)**	**SW846 8260B**
Methyl acetate	**85**	**(38 - 140)**			**SW846 8260B**
	82	**(38 - 140)**	**3.5**	**(0-20)**	**SW846 8260B**
2-Chloro-1,3-butadiene	**100**	**(71 - 140)**			**SW846 8260B**
	100	**(71 - 140)**	**0.33**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(85 - 121)
	99	(85 - 121)
Dibromofluoromethane	108	(84 - 117)
	110	(84 - 117)
1,2-Dichloroethane-d4	105	(72 - 124)
	105	(72 - 124)
4-Bromofluorobenzene	93	(80 - 121)
	96	(80 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KEWA41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L280000-155 KEWA41AD-LCSD
Prep Date.....: 12/27/07 **Analysis Date..:** 12/27/07
Prep Batch #...: 7362155 **Analysis Time..:** 12:20
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethane	101	(83 - 115)			SW846 8260B
	99	(83 - 115)	2.1	(0-20)	SW846 8260B
1,4-Dichlorobenzene	94	(85 - 115)			SW846 8260B
	93	(85 - 115)	0.66	(0-20)	SW846 8260B
Chlorobenzene	100	(84 - 116)			SW846 8260B
	96	(84 - 116)	4.4	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	116	(84 - 127)			SW846 8260B
	110	(84 - 127)	5.9	(0-20)	SW846 8260B
Dibromochloromethane	119	(69 - 136)			SW846 8260B
	110	(69 - 136)	7.6	(0-20)	SW846 8260B
Chloromethane	85	(65 - 135)			SW846 8260B
	86	(65 - 135)	0.11	(0-20)	SW846 8260B
Vinyl chloride	95	(67 - 138)			SW846 8260B
	92	(67 - 138)	2.6	(0-20)	SW846 8260B
Bromomethane	119	(38 - 140)			SW846 8260B
	112	(38 - 140)	6.1	(0-20)	SW846 8260B
Chloroethane	114	(64 - 139)			SW846 8260B
	75 p	(64 - 139)	41	(0-20)	SW846 8260B
Acetone	92	(46 - 133)			SW846 8260B
	94	(46 - 133)	1.3	(0-20)	SW846 8260B
1,1-Dichloroethene	95	(61 - 130)			SW846 8260B
	97	(61 - 130)	2.2	(0-20)	SW846 8260B
Methylene chloride	116	(74 - 139)			SW846 8260B
	117	(74 - 139)	0.94	(0-20)	SW846 8260B
Carbon disulfide	108	(40 - 140)			SW846 8260B
	100	(40 - 140)	6.8	(0-20)	SW846 8260B
2-Butanone	92	(30 - 140)			SW846 8260B
	87	(30 - 140)	5.5	(0-20)	SW846 8260B
1,2-Dichloroethene (total)	101	(85 - 118)			SW846 8260B
	100	(85 - 118)	0.54	(0-20)	SW846 8260B
Chloroform	103	(84 - 117)			SW846 8260B
	99	(84 - 117)	3.8	(0-20)	SW846 8260B
1,1,1-Trichloroethane	99	(81 - 120)			SW846 8260B
	96	(81 - 120)	2.9	(0-20)	SW846 8260B
Carbon tetrachloride	105	(73 - 132)			SW846 8260B
	102	(73 - 132)	3.5	(0-20)	SW846 8260B
1,2-Dichloroethane	105	(78 - 121)			SW846 8260B
	105	(78 - 121)	0.28	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KEWA41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L280000-155 KEWA41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	100	(84 - 117)			SW846 8260B
	98	(84 - 117)	2.1	(0-20)	SW846 8260B
Trichloroethene	101	(78 - 120)			SW846 8260B
	98	(78 - 120)	3.0	(0-20)	SW846 8260B
1,2-Dichloropropane	107	(81 - 120)			SW846 8260B
	107	(81 - 120)	0.18	(0-20)	SW846 8260B
Bromodichloromethane	112	(84 - 123)			SW846 8260B
	111	(84 - 123)	1.4	(0-20)	SW846 8260B
1,1,2-Trichloroethane	105	(75 - 122)			SW846 8260B
	100	(75 - 122)	4.4	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	117	(85 - 126)			SW846 8260B
	108	(85 - 126)	7.4	(0-20)	SW846 8260B
Toluene	95	(82 - 123)			SW846 8260B
	91	(82 - 123)	4.4	(0-20)	SW846 8260B
m-Xylene & p-Xylene	94	(85 - 121)			SW846 8260B
	90	(85 - 121)	4.3	(0-20)	SW846 8260B
o-Xylene	100	(85 - 125)			SW846 8260B
	96	(85 - 125)	4.5	(0-20)	SW846 8260B
1,3-Dichlorobenzene	97	(85 - 115)			SW846 8260B
	94	(85 - 115)	3.0	(0-20)	SW846 8260B
2-Hexanone	105	(59 - 135)			SW846 8260B
	101	(59 - 135)	3.4	(0-20)	SW846 8260B
4-Methyl-2-pentanone	117	(59 - 140)			SW846 8260B
	121	(59 - 140)	3.5	(0-20)	SW846 8260B
Bromoform	113	(78 - 127)			SW846 8260B
	116	(78 - 127)	2.8	(0-20)	SW846 8260B
Ethylbenzene	95	(85 - 126)			SW846 8260B
	90	(85 - 126)	5.0	(0-20)	SW846 8260B
Styrene	96	(85 - 125)			SW846 8260B
	92	(85 - 125)	3.9	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	103	(70 - 125)			SW846 8260B
	105	(70 - 125)	1.6	(0-20)	SW846 8260B
Tetrachloroethene	98	(64 - 127)			SW846 8260B
	93	(64 - 127)	5.3	(0-20)	SW846 8260B
1,2-Dichlorobenzene	97	(85 - 115)			SW846 8260B
	97	(85 - 115)	0.28	(0-20)	SW846 8260B
Bromobenzene	99	(85 - 115)			SW846 8260B
	97	(85 - 115)	1.8	(0-20)	SW846 8260B
Bromochloromethane	115	(66 - 153)			SW846 8260B
	106	(66 - 153)	7.3	(0-20)	SW846 8260B
n-Butylbenzene	91	(68 - 136)			SW846 8260B
	87	(68 - 136)	3.6	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KEWA41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L280000-155 KEWA41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
sec-Butylbenzene	88	(78 - 131)			SW846 8260B
	85	(78 - 131)	3.8	(0-20)	SW846 8260B
tert-Butylbenzene	89	(74 - 129)			SW846 8260B
	86	(74 - 129)	3.1	(0-20)	SW846 8260B
Allyl chloride	98	(57 - 136)			SW846 8260B
	95	(57 - 136)	2.5	(0-20)	SW846 8260B
2-Chlorotoluene	92	(79 - 125)			SW846 8260B
	90	(79 - 125)	2.1	(0-20)	SW846 8260B
4-Chlorotoluene	93	(82 - 126)			SW846 8260B
	90	(82 - 126)	3.3	(0-20)	SW846 8260B
Cyclohexanone	101	(24 - 140)			SW846 8260B
	71 p	(24 - 140)	34	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	110	(58 - 132)			SW846 8260B
	108	(58 - 132)	2.6	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	109	(71 - 130)			SW846 8260B
	101	(71 - 130)	7.7	(0-20)	SW846 8260B
trans-1,4-Dichloro-2-butene	108	(51 - 133)			SW846 8260B
	108	(51 - 133)	0.37	(0-20)	SW846 8260B
Dichlorodifluoromethane (Freon 12)	93	(36 - 140)			SW846 8260B
	90	(36 - 140)	3.4	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	104	(85 - 121)			SW846 8260B
	106	(85 - 121)	2.5	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	98	(81 - 118)			SW846 8260B
	94	(81 - 118)	3.9	(0-20)	SW846 8260B
1,3-Dichloropropane	106	(79 - 123)			SW846 8260B
	106	(79 - 123)	0.0	(0-20)	SW846 8260B
2,2-Dichloropropane	101	(76 - 124)			SW846 8260B
	96	(76 - 124)	5.5	(0-20)	SW846 8260B
1,1-Dichloropropene	101	(85 - 122)			SW846 8260B
	100	(85 - 122)	1.4	(0-20)	SW846 8260B
Ethyl methacrylate	104	(64 - 121)			SW846 8260B
	103	(64 - 121)	0.67	(0-20)	SW846 8260B
Freon 113	108	(57 - 134)			SW846 8260B
	103	(57 - 134)	4.4	(0-20)	SW846 8260B
Hexachlorobutadiene	99	(66 - 137)			SW846 8260B
	94	(66 - 137)	5.3	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KEWA41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L280000-155 KEWA41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
n-Hexane	116	(53 - 140)			SW846 8260B
	112	(53 - 140)	3.2	(0-20)	SW846 8260B
Isopropylbenzene	86	(75 - 135)			SW846 8260B
	84	(75 - 135)	2.5	(0-20)	SW846 8260B
4-Isopropyltoluene	90	(74 - 128)			SW846 8260B
	87	(74 - 128)	2.8	(0-20)	SW846 8260B
Methyl methacrylate	122	(56 - 131)			SW846 8260B
	116	(56 - 131)	4.8	(0-20)	SW846 8260B
Methyl tert-butyl ether (MTBE)	117	(68 - 133)			SW846 8260B
	123	(68 - 133)	5.0	(0-20)	SW846 8260B
Naphthalene	136 a	(58 - 132)			SW846 8260B
	125	(58 - 132)	8.5	(0-20)	SW846 8260B
2-Nitropropane	107	(65 - 133)			SW846 8260B
	102	(65 - 133)	5.6	(0-20)	SW846 8260B
n-Propylbenzene	88	(72 - 136)			SW846 8260B
	86	(72 - 136)	2.4	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	104	(80 - 122)			SW846 8260B
	101	(80 - 122)	2.4	(0-20)	SW846 8260B
Tetrahydrofuran	119	(60 - 140)			SW846 8260B
	120	(60 - 140)	0.99	(0-20)	SW846 8260B
1,2,3-Trichlorobenzene	143 a	(71 - 130)			SW846 8260B
	140 a	(71 - 130)	2.6	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	127 a	(74 - 123)			SW846 8260B
	123	(74 - 123)	3.0	(0-20)	SW846 8260B
Trichlorofluoromethane	92	(71 - 133)			SW846 8260B
	89	(71 - 133)	2.9	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	89	(73 - 128)			SW846 8260B
	88	(73 - 128)	1.7	(0-20)	SW846 8260B
Ethyl ether	118	(62 - 137)			SW846 8260B
	117	(62 - 137)	0.72	(0-20)	SW846 8260B
1-Butanol	141 a	(20 - 140)			SW846 8260B
	97 p	(20 - 140)	37	(0-20)	SW846 8260B
Acetonitrile	111	(44 - 135)			SW846 8260B
	103	(44 - 135)	7.4	(0-20)	SW846 8260B
Ethyl acetate	264 a	(40 - 140)			SW846 8260B
	272 a	(40 - 140)	3.0	(0-20)	SW846 8260B
2-Chloroethyl vinyl ether	70	(18 - 140)			SW846 8260B
	75	(18 - 140)	6.9	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KEWA41AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F7L280000-155 KEWA41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Iodomethane	**83**	**(33 - 140)**			**SW846 8260B**
	84	**(33 - 140)**	**1.4**	**(0-20)**	**SW846 8260B**
Vinyl acetate	**127**	**(23 - 140)**			**SW846 8260B**
	134	**(23 - 140)**	**5.5**	**(0-20)**	**SW846 8260B**
Acrolein	**91**	**(20 - 140)**			**SW846 8260B**
	100	**(20 - 140)**	**10**	**(0-20)**	**SW846 8260B**
Acrylonitrile	**117**	**(73 - 136)**			**SW846 8260B**
	120	**(73 - 136)**	**2.1**	**(0-20)**	**SW846 8260B**
Cyclohexane	**104**	**(24 - 140)**			**SW846 8260B**
	102	**(24 - 140)**	**2.6**	**(0-20)**	**SW846 8260B**
Isobutanol	**111**	**(50 - 140)**			**SW846 8260B**
	109	**(50 - 140)**	**1.8**	**(0-20)**	**SW846 8260B**
Methacrylonitrile	**152 a**	**(65 - 140)**			**SW846 8260B**
	132	**(65 - 140)**	**14**	**(0-20)**	**SW846 8260B**
Methylcyclohexane	**100**	**(68 - 140)**			**SW846 8260B**
	96	**(68 - 140)**	**3.6**	**(0-20)**	**SW846 8260B**
Propionitrile	**127**	**(64 - 139)**			**SW846 8260B**
	119	**(64 - 139)**	**5.9**	**(0-20)**	**SW846 8260B**
1,4-Dioxane	**90**	**(48 - 140)**			**SW846 8260B**
	59 p	**(48 - 140)**	**41**	**(0-20)**	**SW846 8260B**
Pentachloroethane	**112**	**(49 - 140)**			**SW846 8260B**
	110	**(49 - 140)**	**2.0**	**(0-20)**	**SW846 8260B**
Methyl acetate	**74**	**(38 - 140)**			**SW846 8260B**
	84	**(38 - 140)**	**14**	**(0-20)**	**SW846 8260B**
2-Chloro-1,3-butadiene	**97**	**(71 - 140)**			**SW846 8260B**
	96	**(71 - 140)**	**1.8**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(85 - 121)
	95	(85 - 121)
Dibromofluoromethane	110	(84 - 117)
	106	(84 - 117)
1,2-Dichloroethane-d4	104	(72 - 124)
	104	(72 - 124)
4-Bromofluorobenzene	95	(80 - 121)
	93	(80 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KE00W1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8A020000-105 KE00W1AD-LCSD
Prep Date.....: 12/31/07 **Analysis Date..:** 12/31/07
Prep Batch #...: 8002105 **Analysis Time..:** 13:04
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Chlorobenzene	94	(84 - 116)			SW846 8260B
	93	(84 - 116)	0.38	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	108	(84 - 127)			SW846 8260B
	113	(84 - 127)	4.4	(0-20)	SW846 8260B
Dibromochloromethane	109	(69 - 136)			SW846 8260B
	115	(69 - 136)	5.4	(0-20)	SW846 8260B
Chloromethane	75	(65 - 135)			SW846 8260B
	75	(65 - 135)	0.12	(0-20)	SW846 8260B
Vinyl chloride	87	(67 - 138)			SW846 8260B
	88	(67 - 138)	0.99	(0-20)	SW846 8260B
Bromomethane	141 a	(38 - 140)			SW846 8260B
	129	(38 - 140)	9.0	(0-20)	SW846 8260B
Chloroethane	109	(64 - 139)			SW846 8260B
	106	(64 - 139)	3.0	(0-20)	SW846 8260B
Acetone	121	(46 - 133)			SW846 8260B
	114	(46 - 133)	5.7	(0-20)	SW846 8260B
1,1-Dichloroethene	93	(61 - 130)			SW846 8260B
	92	(61 - 130)	0.69	(0-20)	SW846 8260B
Methylene chloride	106	(74 - 139)			SW846 8260B
	105	(74 - 139)	0.28	(0-20)	SW846 8260B
Carbon disulfide	103	(40 - 140)			SW846 8260B
	100	(40 - 140)	3.1	(0-20)	SW846 8260B
1,1-Dichloroethane	98	(83 - 115)			SW846 8260B
	99	(83 - 115)	1.3	(0-20)	SW846 8260B
2-Butanone	83	(30 - 140)			SW846 8260B
	102	(30 - 140)	20	(0-20)	SW846 8260B
1,2-Dichloroethene (total)	99	(85 - 118)			SW846 8260B
	97	(85 - 118)	2.2	(0-20)	SW846 8260B
Chloroform	95	(84 - 117)			SW846 8260B
	98	(84 - 117)	3.2	(0-20)	SW846 8260B
1,1,1-Trichloroethane	92	(81 - 120)			SW846 8260B
	93	(81 - 120)	0.78	(0-20)	SW846 8260B
Carbon tetrachloride	99	(73 - 132)			SW846 8260B
	96	(73 - 132)	3.2	(0-20)	SW846 8260B
1,2-Dichloroethane	104	(78 - 121)			SW846 8260B
	104	(78 - 121)	0.86	(0-20)	SW846 8260B
Benzene	98	(84 - 117)			SW846 8260B
	95	(84 - 117)	3.0	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KE00W1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8A020000-105 KE00W1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichloroethene	96	(78 - 120)			SW846 8260B
	94	(78 - 120)	2.6	(0-20)	SW846 8260B
1,2-Dichloropropane	105	(81 - 120)			SW846 8260B
	105	(81 - 120)	0.19	(0-20)	SW846 8260B
Bromodichloromethane	107	(84 - 123)			SW846 8260B
	107	(84 - 123)	0.090	(0-20)	SW846 8260B
1,1,2-Trichloroethane	99	(75 - 122)			SW846 8260B
	99	(75 - 122)	0.39	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	104	(85 - 126)			SW846 8260B
	104	(85 - 126)	0.38	(0-20)	SW846 8260B
Toluene	90	(82 - 123)			SW846 8260B
	87	(82 - 123)	4.2	(0-20)	SW846 8260B
m-Xylene & p-Xylene	90	(85 - 121)			SW846 8260B
	87	(85 - 121)	3.8	(0-20)	SW846 8260B
o-Xylene	94	(85 - 125)			SW846 8260B
	92	(85 - 125)	1.6	(0-20)	SW846 8260B
1,3-Dichlorobenzene	92	(85 - 115)			SW846 8260B
	91	(85 - 115)	1.6	(0-20)	SW846 8260B
1,4-Dichlorobenzene	92	(85 - 115)			SW846 8260B
	90	(85 - 115)	2.4	(0-20)	SW846 8260B
2-Hexanone	99	(59 - 135)			SW846 8260B
	105	(59 - 135)	6.1	(0-20)	SW846 8260B
4-Methyl-2-pentanone	104	(59 - 140)			SW846 8260B
	117	(59 - 140)	12	(0-20)	SW846 8260B
Bromoform	110	(78 - 127)			SW846 8260B
	113	(78 - 127)	3.0	(0-20)	SW846 8260B
Ethylbenzene	90	(85 - 126)			SW846 8260B
	87	(85 - 126)	3.0	(0-20)	SW846 8260B
Styrene	91	(85 - 125)			SW846 8260B
	90	(85 - 125)	0.77	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	100	(70 - 125)			SW846 8260B
	102	(70 - 125)	1.5	(0-20)	SW846 8260B
Tetrachloroethene	96	(64 - 127)			SW846 8260B
	90	(64 - 127)	6.1	(0-20)	SW846 8260B
1,2-Dichlorobenzene	93	(85 - 115)			SW846 8260B
	92	(85 - 115)	1.5	(0-20)	SW846 8260B
Bromobenzene	94	(85 - 115)			SW846 8260B
	94	(85 - 115)	0.10	(0-20)	SW846 8260B
Bromochloromethane	107	(66 - 153)			SW846 8260B
	110	(66 - 153)	2.3	(0-20)	SW846 8260B
n-Butylbenzene	86	(68 - 136)			SW846 8260B
	83	(68 - 136)	3.9	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KE00W1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8A020000-105 KE00W1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
sec-Butylbenzene	84	(78 - 131)			SW846 8260B
	81	(78 - 131)	3.0	(0-20)	SW846 8260B
tert-Butylbenzene	85	(74 - 129)			SW846 8260B
	82	(74 - 129)	3.6	(0-20)	SW846 8260B
Allyl chloride	90	(57 - 136)			SW846 8260B
	90	(57 - 136)	0.27	(0-20)	SW846 8260B
2-Chlorotoluene	86	(79 - 125)			SW846 8260B
	85	(79 - 125)	1.4	(0-20)	SW846 8260B
4-Chlorotoluene	88	(82 - 126)			SW846 8260B
	87	(82 - 126)	1.3	(0-20)	SW846 8260B
Cyclohexanone	100	(24 - 140)			SW846 8260B
	79 p	(24 - 140)	24	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	85	(58 - 132)			SW846 8260B
	104	(58 - 132)	20	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	99	(71 - 130)			SW846 8260B
	99	(71 - 130)	0.19	(0-20)	SW846 8260B
trans-1,4-Dichloro-2-butene	91	(51 - 133)			SW846 8260B
	97	(51 - 133)	6.1	(0-20)	SW846 8260B
Dichlorodifluoromethane (Freon 12)	82	(36 - 140)			SW846 8260B
	81	(36 - 140)	1.1	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	102	(85 - 121)			SW846 8260B
	105	(85 - 121)	3.5	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	96	(81 - 118)			SW846 8260B
	88	(81 - 118)	8.5	(0-20)	SW846 8260B
1,3-Dichloropropane	103	(79 - 123)			SW846 8260B
	106	(79 - 123)	3.3	(0-20)	SW846 8260B
2,2-Dichloropropane	96	(76 - 124)			SW846 8260B
	93	(76 - 124)	3.0	(0-20)	SW846 8260B
1,1-Dichloropropene	97	(85 - 122)			SW846 8260B
	94	(85 - 122)	3.8	(0-20)	SW846 8260B
Ethyl methacrylate	97	(64 - 121)			SW846 8260B
	93	(64 - 121)	4.2	(0-20)	SW846 8260B
Freon 113	103	(57 - 134)			SW846 8260B
	98	(57 - 134)	5.0	(0-20)	SW846 8260B
Hexachlorobutadiene	91	(66 - 137)			SW846 8260B
	87	(66 - 137)	4.5	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KE00W1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8A020000-105 KE00W1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
n-Hexane	110	(53 - 140)			SW846 8260B
	107	(53 - 140)	2.1	(0-20)	SW846 8260B
Isopropylbenzene	83	(75 - 135)			SW846 8260B
	80	(75 - 135)	3.1	(0-20)	SW846 8260B
4-Isopropyltoluene	87	(74 - 128)			SW846 8260B
	83	(74 - 128)	4.0	(0-20)	SW846 8260B
Methyl methacrylate	101	(56 - 131)			SW846 8260B
	117	(56 - 131)	15	(0-20)	SW846 8260B
Methyl tert-butyl ether (MTBE)	117	(68 - 133)			SW846 8260B
	122	(68 - 133)	4.4	(0-20)	SW846 8260B
Naphthalene	112	(58 - 132)			SW846 8260B
	118	(58 - 132)	5.3	(0-20)	SW846 8260B
2-Nitropropane	98	(65 - 133)			SW846 8260B
	101	(65 - 133)	2.7	(0-20)	SW846 8260B
n-Propylbenzene	83	(72 - 136)			SW846 8260B
	81	(72 - 136)	2.3	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	96	(80 - 122)			SW846 8260B
	99	(80 - 122)	3.5	(0-20)	SW846 8260B
Tetrahydrofuran	116	(60 - 140)			SW846 8260B
	107	(60 - 140)	7.8	(0-20)	SW846 8260B
1,2,3-Trichlorobenzene	128	(71 - 130)			SW846 8260B
	128	(71 - 130)	0.39	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	118	(74 - 123)			SW846 8260B
	116	(74 - 123)	1.8	(0-20)	SW846 8260B
Trichlorofluoromethane	90	(71 - 133)			SW846 8260B
	89	(71 - 133)	1.6	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	85	(73 - 128)			SW846 8260B
	83	(73 - 128)	2.5	(0-20)	SW846 8260B
Ethyl ether	116	(62 - 137)			SW846 8260B
	116	(62 - 137)	0.040	(0-20)	SW846 8260B
1-Butanol	92	(20 - 140)			SW846 8260B
	114 p	(20 - 140)	22	(0-20)	SW846 8260B
Acetonitrile	100	(44 - 135)			SW846 8260B
	92	(44 - 135)	8.0	(0-20)	SW846 8260B
Ethyl acetate	276 a	(40 - 140)			SW846 8260B
	287 a	(40 - 140)	3.8	(0-20)	SW846 8260B
2-Chloroethyl vinyl ether	56	(18 - 140)			SW846 8260B
	53	(18 - 140)	4.2	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KE00W1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: F8A020000-105 KE00W1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Iodomethane	**81**	**(33 - 140)**			**SW846 8260B**
	83	**(33 - 140)**	**2.6**	**(0-20)**	**SW846 8260B**
Vinyl acetate	**130**	**(23 - 140)**			**SW846 8260B**
	134	**(23 - 140)**	**3.4**	**(0-20)**	**SW846 8260B**
Acrolein	**84**	**(20 - 140)**			**SW846 8260B**
	82	**(20 - 140)**	**1.7**	**(0-20)**	**SW846 8260B**
Acrylonitrile	**117**	**(73 - 136)**			**SW846 8260B**
	117	**(73 - 136)**	**0.060**	**(0-20)**	**SW846 8260B**
Cyclohexane	**103**	**(24 - 140)**			**SW846 8260B**
	97	**(24 - 140)**	**6.1**	**(0-20)**	**SW846 8260B**
Isobutanol	**112**	**(50 - 140)**			**SW846 8260B**
	114	**(50 - 140)**	**2.0**	**(0-20)**	**SW846 8260B**
Methacrylonitrile	**140**	**(65 - 140)**			**SW846 8260B**
	142 a	**(65 - 140)**	**1.4**	**(0-20)**	**SW846 8260B**
Methylcyclohexane	**97**	**(68 - 140)**			**SW846 8260B**
	92	**(68 - 140)**	**5.7**	**(0-20)**	**SW846 8260B**
Propionitrile	**124**	**(64 - 139)**			**SW846 8260B**
	115	**(64 - 139)**	**8.2**	**(0-20)**	**SW846 8260B**
1,4-Dioxane	**75**	**(48 - 140)**			**SW846 8260B**
	54 p	**(48 - 140)**	**32**	**(0-20)**	**SW846 8260B**
Pentachloroethane	**106**	**(49 - 140)**			**SW846 8260B**
	105	**(49 - 140)**	**1.6**	**(0-20)**	**SW846 8260B**
Methyl acetate	**73**	**(38 - 140)**			**SW846 8260B**
	79	**(38 - 140)**	**7.1**	**(0-20)**	**SW846 8260B**
2-Chloro-1,3-butadiene	**91**	**(71 - 140)**			**SW846 8260B**
	93	**(71 - 140)**	**1.4**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	103	(85 - 121)
	100	(85 - 121)
Dibromofluoromethane	111	(84 - 117)
	109	(84 - 117)
1,2-Dichloroethane-d4	108	(72 - 124)
	111	(72 - 124)
4-Bromofluorobenzene	96	(80 - 121)
	97	(80 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KEE911AC-MS **Matrix.....:** WATER
MS Lot-Sample #: F7L190135-004 KEE911AD-MSD
Date Sampled...: 12/18/07 13:45 **Date Received..:** 12/19/07
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360149 **Analysis Time..:** 21:30
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
m-Xylene & p-Xylene	107	(66 - 133)			SW846 8260B
	111	(66 - 133)	3.9	(0-20)	SW846 8260B
o-Xylene	114	(69 - 136)			SW846 8260B
	118	(69 - 136)	3.4	(0-20)	SW846 8260B
1,3-Dichlorobenzene	104	(59 - 129)			SW846 8260B
	104	(59 - 129)	0.28	(0-20)	SW846 8260B
1,4-Dichlorobenzene	146 a	(55 - 129)			SW846 8260B
	114 p	(55 - 129)	24	(0-20)	SW846 8260B
1,2-Dichlorobenzene	147 a	(57 - 131)			SW846 8260B
	115 p	(57 - 131)	24	(0-20)	SW846 8260B
2-Hexanone	118	(44 - 144)			SW846 8260B
	126	(44 - 144)	7.1	(0-20)	SW846 8260B
4-Methyl-2-pentanone	150	(44 - 150)			SW846 8260B
	146	(44 - 150)	2.6	(0-20)	SW846 8260B
Chlorobenzene	130	(58 - 137)			SW846 8260B
	126	(58 - 137)	3.1	(0-20)	SW846 8260B
Bromoform	116	(51 - 145)			SW846 8260B
	123	(51 - 145)	5.8	(0-20)	SW846 8260B
Ethylbenzene	106	(66 - 134)			SW846 8260B
	110	(66 - 134)	3.8	(0-20)	SW846 8260B
Styrene	0.0 a	(57 - 143)			SW846 8260B
	0.0 a	(57 - 143)	0.0	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	115	(46 - 142)			SW846 8260B
	116	(46 - 142)	0.17	(0-20)	SW846 8260B
Tetrachloroethene	112	(47 - 131)			SW846 8260B
	113	(47 - 131)	0.97	(0-20)	SW846 8260B
Methyl ethyl ketone	93	(26 - 150)			SW846 8260B
	126 p	(26 - 150)	30	(0-20)	SW846 8260B
Chlorodibromomethane	133	(50 - 150)			SW846 8260B
	139	(50 - 150)	4.6	(0-20)	SW846 8260B
Bromobenzene	103	(58 - 130)			SW846 8260B
	107	(58 - 130)	3.5	(0-20)	SW846 8260B
Chlorobromomethane	141	(53 - 150)			SW846 8260B
	133	(53 - 150)	5.6	(0-20)	SW846 8260B
n-Butylbenzene	84	(45 - 136)			SW846 8260B
	88	(45 - 136)	4.4	(0-20)	SW846 8260B
sec-Butylbenzene	86	(54 - 133)			SW846 8260B
	89	(54 - 133)	2.8	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	140	(63 - 150)			SW846 8260B
	153 a	(63 - 150)	9.2	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KEE911AC-MS **Matrix.....:** WATER
MS Lot-Sample #: F7L190135-004 KEE911AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Chloromethane	123	(36 - 150)			SW846 8260B
	124	(36 - 150)	1.4	(0-20)	SW846 8260B
Vinyl chloride	137	(54 - 150)			SW846 8260B
	135	(54 - 150)	1.3	(0-20)	SW846 8260B
Bromomethane	105	(25 - 150)			SW846 8260B
	116	(25 - 150)	9.7	(0-20)	SW846 8260B
Chloroethane	106	(58 - 150)			SW846 8260B
	127	(58 - 150)	18	(0-20)	SW846 8260B
Acetone	115	(26 - 150)			SW846 8260B
	97	(26 - 150)	17	(0-20)	SW846 8260B
1,1-Dichloroethene	128	(36 - 150)			SW846 8260B
	128	(36 - 150)	0.23	(0-20)	SW846 8260B
Dichloromethane	146	(54 - 150)			SW846 8260B
	145	(54 - 150)	0.34	(0-20)	SW846 8260B
Carbon disulfide	144	(23 - 150)			SW846 8260B
	142	(23 - 150)	1.3	(0-20)	SW846 8260B
1,1-Dichloroethane	132	(65 - 150)			SW846 8260B
	134	(65 - 150)	1.2	(0-20)	SW846 8260B
1,2-Dichloroethene (total)	130	(68 - 150)			SW846 8260B
	131	(68 - 150)	0.61	(0-20)	SW846 8260B
Chloroform	632 a	(65 - 150)			SW846 8260B
	213 a,p	(65 - 150)	94	(0-20)	SW846 8260B
1,1,1-Trichloroethane	128	(62 - 150)			SW846 8260B
	132	(62 - 150)	2.7	(0-20)	SW846 8260B
Carbon tetrachloride	141	(50 - 150)			SW846 8260B
	144	(50 - 150)	2.2	(0-20)	SW846 8260B
1,2-Dichloroethane	138	(68 - 150)			SW846 8260B
	137	(68 - 150)	0.50	(0-20)	SW846 8260B
Benzene	132	(66 - 150)			SW846 8260B
	136	(66 - 150)	2.8	(0-20)	SW846 8260B
Trichloroethene	130	(56 - 150)			SW846 8260B
	132	(56 - 150)	1.8	(0-20)	SW846 8260B
1,2-Dichloropropane	137	(64 - 150)			SW846 8260B
	142	(64 - 150)	3.4	(0-20)	SW846 8260B
Bromodichloromethane	152 a	(70 - 150)			SW846 8260B
	153 a	(70 - 150)	0.72	(0-20)	SW846 8260B
1,1,2-Trichloroethane	122	(53 - 143)			SW846 8260B
	126	(53 - 143)	3.2	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	123	(59 - 144)			SW846 8260B
	131	(59 - 144)	6.4	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KEE911AC-MS **Matrix.....:** WATER
MS Lot-Sample #: F7L190135-004 KEE911AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	109	(60 - 132)			SW846 8260B
	111	(60 - 132)	2.3	(0-20)	SW846 8260B
tert-Butylbenzene	90	(48 - 137)			SW846 8260B
	94	(48 - 137)	3.7	(0-20)	SW846 8260B
2-Chlorotoluene	93	(56 - 130)			SW846 8260B
	98	(56 - 130)	5.7	(0-20)	SW846 8260B
4-Chlorotoluene	96	(59 - 130)			SW846 8260B
	99	(59 - 130)	3.3	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	130	(38 - 147)			SW846 8260B
	120	(38 - 147)	7.8	(0-20)	SW846 8260B
Dichlorodifluoromethane (Freon 12)	120	(28 - 150)			SW846 8260B
	123	(28 - 150)	2.9	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	137	(72 - 150)			SW846 8260B
	137	(72 - 150)	0.14	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	124	(61 - 150)			SW846 8260B
	126	(61 - 150)	1.4	(0-20)	SW846 8260B
1,3-Dichloropropane	123	(56 - 144)			SW846 8260B
	131	(56 - 144)	6.2	(0-20)	SW846 8260B
2,2-Dichloropropane	112	(44 - 145)			SW846 8260B
	111	(44 - 145)	0.71	(0-20)	SW846 8260B
1,1-Dichloropropene	124	(69 - 149)			SW846 8260B
	129	(69 - 149)	3.6	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-tri	139	(41 - 149)			SW846 8260B
	132	(41 - 149)	4.6	(0-20)	SW846 8260B
Isopropylbenzene	89	(53 - 135)			SW846 8260B
	92	(53 - 135)	3.6	(0-20)	SW846 8260B
p-Isopropyltoluene	89	(46 - 137)			SW846 8260B
	91	(46 - 137)	2.7	(0-20)	SW846 8260B
Methyl tert-butyl ether (MTBE)	161 a	(60 - 150)			SW846 8260B
	168 a	(60 - 150)	4.2	(0-20)	SW846 8260B
2-Nitropropane	115	(48 - 142)			SW846 8260B
	119	(48 - 142)	3.6	(0-20)	SW846 8260B
n-Propylbenzene	89	(49 - 138)			SW846 8260B
	91	(49 - 138)	2.2	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	116	(55 - 142)			SW846 8260B
	121	(55 - 142)	4.2	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KEE911AC-MS **Matrix.....:** WATER
MS Lot-Sample #: F7L190135-004 KEE911AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,3-Trichlorobenzene	143	(45 - 143)			SW846 8260B
	148 a	(45 - 143)	3.2	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	123	(46 - 138)			SW846 8260B
	130	(46 - 138)	5.5	(0-20)	SW846 8260B
Trichlorofluoromethane	124	(60 - 142)			SW846 8260B
	125	(60 - 142)	0.88	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	93	(48 - 136)			SW846 8260B
	95	(48 - 136)	1.8	(0-20)	SW846 8260B
Acetonitrile	137	(27 - 150)			SW846 8260B
	147	(27 - 150)	7.2	(0-20)	SW846 8260B
Iodomethane	147	(20 - 150)			SW846 8260B
	153 a	(20 - 150)	3.7	(0-20)	SW846 8260B
Vinyl acetate	0.0 a	(20 - 150)			SW846 8260B
	0.0 a	(20 - 150)	0.0	(0-20)	SW846 8260B
Allyl chloride	132	(46 - 150)			SW846 8260B
	129	(46 - 150)	2.3	(0-20)	SW846 8260B
Cyclohexanone	62	(20 - 137)			SW846 8260B
	82 p	(20 - 137)	28	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	118	(50 - 150)			SW846 8260B
	132	(50 - 150)	11	(0-20)	SW846 8260B
trans-1,4-Dichloro-2-butene	109	(27 - 139)			SW846 8260B
	121	(27 - 139)	11	(0-20)	SW846 8260B
Ethyl ether	161 a	(41 - 150)			SW846 8260B
	162 a	(41 - 150)	0.24	(0-20)	SW846 8260B
Ethyl methacrylate	118	(55 - 126)			SW846 8260B
	118	(55 - 126)	0.25	(0-20)	SW846 8260B
Hexachlorobutadiene	70	(33 - 143)			SW846 8260B
	70	(33 - 143)	0.49	(0-20)	SW846 8260B
n-Hexane	136	(33 - 150)			SW846 8260B
	132	(33 - 150)	2.9	(0-20)	SW846 8260B
Methyl methacrylate	160 a	(54 - 150)			SW846 8260B
	165 a	(54 - 150)	3.2	(0-20)	SW846 8260B
Naphthalene	138	(30 - 149)			SW846 8260B
	148	(30 - 149)	6.7	(0-20)	SW846 8260B
Tetrahydrofuran	150	(40 - 150)			SW846 8260B
	155 a	(40 - 150)	3.0	(0-20)	SW846 8260B
1-Butanol	270 a	(15 - 150)			SW846 8260B
	114 p	(15 - 150)	81	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: F7L200290 **Work Order #...:** KEE911AC-MS **Matrix.....:** WATER
MS Lot-Sample #: F7L190135-004 KEE911AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Ethyl acetate	**374 a**	**(26 - 150)**			**SW846 8260B**
	367 a	**(26 - 150)**	**1.7**	**(0-20)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**0.0 a**	**(10 - 150)**			**SW846 8260B**
	0.0 a	**(10 - 150)**	**0.0**	**(0-20)**	**SW846 8260B**
Acrolein	**69**	**(20 - 150)**			**SW846 8260B**
	53 p	**(20 - 150)**	**27**	**(0-20)**	**SW846 8260B**
Acrylonitrile	**151 a**	**(62 - 150)**			**SW846 8260B**
	154 a	**(62 - 150)**	**1.7**	**(0-20)**	**SW846 8260B**
Cyclohexane	**154 a**	**(20 - 137)**			**SW846 8260B**
	139 a	**(20 - 137)**	**10**	**(0-20)**	**SW846 8260B**
Isobutanol	**144**	**(21 - 150)**			**SW846 8260B**
	141	**(21 - 150)**	**2.3**	**(0-20)**	**SW846 8260B**
Methacrylonitrile	**165 a**	**(57 - 150)**			**SW846 8260B**
	166 a	**(57 - 150)**	**0.41**	**(0-20)**	**SW846 8260B**
Methylcyclohexane	**75**	**(51 - 150)**			**SW846 8260B**
	123 p	**(51 - 150)**	**49**	**(0-20)**	**SW846 8260B**
Propionitrile	**165 a**	**(49 - 150)**			**SW846 8260B**
	158 a	**(49 - 150)**	**4.3**	**(0-20)**	**SW846 8260B**
1,4-Dioxane	**110**	**(25 - 150)**			**SW846 8260B**
	111	**(25 - 150)**	**0.36**	**(0-20)**	**SW846 8260B**
Pentachloroethane	**117**	**(29 - 150)**			**SW846 8260B**
	124	**(29 - 150)**	**5.2**	**(0-20)**	**SW846 8260B**
Methyl acetate	**100**	**(32 - 150)**			**SW846 8260B**
	100	**(32 - 150)**	**0.07**	**(0-20)**	**SW846 8260B**
2-Chloro-1,3-butadiene	**129**	**(59 - 150)**			**SW846 8260B**
	134	**(59 - 150)**	**3.6**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(69 - 119)
	99	(69 - 119)
Dibromofluoromethane	120	(74 - 134)
	120	(74 - 134)
1,2-Dichloroethane-d4	116	(72 - 128)
	116	(72 - 128)
4-Bromofluorobenzene	92	(71 - 115)
	94	(71 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

ENSR INTERNATIONAL

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB: STL CUR 1537

SITE Tronox DATE 12/19/07 PAGE 1 OF 1

CLIENT ENSR

PROJECT NAME: Tronox - Henderson

PROJECT MANAGER: Robert Kennedy

JOB #: 04010-223-917

COELT LOG CODE: YES / NO

SAMPLER SIGNATURE

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX MTBE Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	M-5A	12/19/07	0930	X	X				W	G	4	
2.	Dup-1	12/19/07	—	X	X				W	G	4	
3.	EQTB	12/19/07	0900	X	X				W	G	2	
4.												
5.												
6.												
7.												
8.												
9.												
10.												

TURN-AROUND TIME: Standard

MATRIX TYPE: S - Soil, W - Water, O - Other

CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES:
All samples are preserved on ice.
Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: YES ☐ NO ☒

RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	TOTAL NUMBER OF CONTAINERS:
Eric Nelson		ENSR International	12/19/07	1300	10
RECEIVED BY:	SIGNATURE	COMPANY: Fedex	DATE	TIME	METHOD OF SHIPMENT
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE: 12-20-07	TIME: 1014	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5094

12/19/07 - 1

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F7L200290

- 1537 -

Condition Upon Receipt Form

Client: ENSR
Quote No: 77939
COC/RFA No: N/A
Initiated By: MH
Date: 12-20-07
Time: 1015

Shipping Information

Shipper Name: FE
Shipping # (s):*
1. 8640 5142 4686
2.
3.
4.
5.
6.
7.
8.
9.
10.

Multiple Packages Y (N)
Sample Temperature (s):**
1. 2
2.
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y (N)	Are there custody seals present on the cooler?	8.	Y (N)	Are there custody seals present on bottles?
2.	Y N (N/A)	Do custody seals on cooler appear to be tampered with?	9.	Y N (N/A)	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	Y N (N/A)	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	Y N	If N/A- Was pH taken by original TestAmerica lab?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	(Y) N	Sample received in proper containers?
6.	Y (N)	Was sample received broken?	13.	Y (N) N/A	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y N	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

Corrective Action:
☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: JAE 12-21-07
Project Management Review: [signature] Date: 12-21-07 1537

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

GC/MS SAMPLE AND QC DATA SUMMARY-FORM 1

VOLATILES

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE912AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: INTRA-LAB QC -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**2.2**	
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-34-3	**1,1-Dichloroethane**	**2.4**	
107-06-2	**1,2-Dichloroethane**	**2.1**	
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE912AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: INTRA-LAB QC -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE912AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: INTRA-LAB QC -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
107-05-1	Allyl chloride	2.0	U
108-94-1	Cyclohexanone	20	U
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	2.0	U
60-29-7	Ethyl ether	1.0	U
97-63-2	Ethyl methacrylate	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
110-54-3	n-Hexane	4.0	U
80-62-6	Methyl methacrylate	1.0	U
91-20-3	Naphthalene	1.0	U
109-99-9	Tetrahydrofuran	10	U
71-36-3	1-Butanol	40	U
141-78-6	Ethyl acetate	2.0	U
110-75-8	2-Chloroethyl vinyl ether	2.0	U
107-02-8	Acrolein	10	U
107-13-1	Acrylonitrile	10	U
110-82-7	Cyclohexane	1.0	U
78-83-1	Isobutanol	80	U
126-98-7	Methacrylonitrile	5.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE912AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: INTRA-LAB QC -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	1.0	U
107-12-0	Propionitrile	5.0	U
123-91-1	1,4-Dioxane	80	U
76-01-7	Pentachloroethane	1.0	U
79-20-9	Methyl acetate	5.0	U
126-99-8	2-Chloro-1,3-butadiene	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	102	(69 - 119)
Dibromofluoromethane	111	(74 - 134)
1,2-Dichloroethane-d4	121	(72 - 128)
4-Bromofluorobenzene	98	(71 - 115)

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KEKNX1AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-5A

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	**Benzene**	**39**	
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	**Carbon disulfide**	**0.57**	**J**
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	**Chlorobenzene**	**380**	**E**
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	**Chloroethane**	**0.70**	**J**
67-66-3	**Chloroform**	**0.92**	**J**
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	**1,2-Dichlorobenzene**	**39**	
541-73-1	**1,3-Dichlorobenzene**	**0.79**	**J**
106-46-7	**1,4-Dichlorobenzene**	**56**	**E**
75-34-3	**1,1-Dichloroethane**	**54**	**E**
107-06-2	**1,2-Dichloroethane**	**41**	
75-35-4	**1,1-Dichloroethene**	**0.43**	**J**

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KEKNX1AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-5A

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KEKNX1AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-5A

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	**Trichloroethene**	**4.6**	
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	50	(69 - 119)
Dibromofluoromethane	109	(74 - 134)
1,2-Dichloroethane-d4	117	(72 - 128)
4-Bromofluorobenzene	87	(71 - 115)

FORM I

ENSR International
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KEKNX1AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: M-5A

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	Unknown	4.808	1.6	
	Unknown	6.024	1.4	
	Unknown	7.937	1.4	
352-93-2	Diethyl sulfide	9.931	1.2	

FORM I - TIC

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 0.25 / mL Date Received: 12/20/07
Work Order: KEKNX2AA Date Extracted:12/27/07
Dilution factor: 100 Date Analyzed: 12/27/07
Moisture %:

QC Batch: 7362155

Client Sample Id: M-5A -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-90-7	**Chlorobenzene**	**6700**	**D E**
106-46-7	**1,4-Dichlorobenzene**	**74**	**J D**
75-34-3	**1,1-Dichloroethane**	**61**	**J D**

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	88	(69 - 119)
Dibromofluoromethane	119	(74 - 134)
1,2-Dichloroethane-d4	120	(72 - 128)
4-Bromofluorobenzene	104	(71 - 115)

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 0.025 / mL Date Received: 12/20/07
Work Order: KEKNX3AA Date Extracted:12/31/07
Dilution factor: 1000 Date Analyzed: 12/31/07
Moisture %:

QC Batch: 8002105

Client Sample Id: M-5A -RE 2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-90-7	**Chlorobenzene**	**5700**	**D**

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	94	(69 - 119)
Dibromofluoromethane	123	(74 - 134)
1,2-Dichloroethane-d4	130	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KEKN81AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: DUPE-1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	**Benzene**	**39**	
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	**Carbon disulfide**	**0.51**	**J**
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	**Chlorobenzene**	**370**	**E**
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	**Chloroethane**	**0.77**	**J**
67-66-3	**Chloroform**	**0.92**	**J**
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	**1,2-Dichlorobenzene**	**40**	
541-73-1	**1,3-Dichlorobenzene**	**0.84**	**J**
106-46-7	**1,4-Dichlorobenzene**	**58**	**E**
75-34-3	**1,1-Dichloroethane**	**55**	**E**
107-06-2	**1,2-Dichloroethane**	**41**	
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KEKN81AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: DUPE-1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	**Toluene**	**0.13**	**J**
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KEKN81AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: DUPE-1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	**Trichloroethene**	**4.6**	
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	53	(69 - 119)
Dibromofluoromethane	105	(74 - 134)
1,2-Dichloroethane-d4	114	(72 - 128)
4-Bromofluorobenzene	86	(71 - 115)

FORM I

ENSR International
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KEKN81AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: DUPE-1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L or ug/kg) ug/L	Q
763-29-1	1-Pentene, 2-methyl-	7.94	1.5	
352-93-2	Diethyl sulfide	9.935	1.2	

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 0.25 / mL Date Received: 12/20/07
Work Order: KEKN82AA Date Extracted:12/27/07
Dilution factor: 100 Date Analyzed: 12/27/07
Moisture %:

QC Batch: 7362155

Client Sample Id: DUPE-1 -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-90-7	**Chlorobenzene**	**6600**	**D E**
106-46-7	**1,4-Dichlorobenzene**	**69**	**J D**
75-34-3	**1,1-Dichloroethane**	**57**	**J D**

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	89	(69 - 119)
Dibromofluoromethane	118	(74 - 134)
1,2-Dichloroethane-d4	118	(72 - 128)
4-Bromofluorobenzene	104	(71 - 115)

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 002
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 0.025 / mL Date Received: 12/20/07
Work Order: KEKN83AA Date Extracted:12/31/07
Dilution factor: 1000 Date Analyzed: 12/31/07
Moisture %:

QC Batch: 8002105

Client Sample Id: DUPE-1 -RE 2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-90-7	**Chlorobenzene**	**5800**	**D**

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	98	(69 - 119)
Dibromofluoromethane	116	(74 - 134)
1,2-Dichloroethane-d4	118	(72 - 128)
4-Bromofluorobenzene	106	(71 - 115)

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KEKPE1AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: QCTB

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	**Chloroform**	**0.25**	**J**
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KEKPE1AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: QCTB

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KEKPE1AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: QCTB

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	102	(69 - 119)
Dibromofluoromethane	116	(74 - 134)
1,2-Dichloroethane-d4	116	(72 - 128)
4-Bromofluorobenzene	101	(71 - 115)

FORM I

ENSR International
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) W Lab Sample ID:F7L200290 003
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KEKPE1AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:

QC Batch: 7360149

Client Sample Id: QCTB

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L or ug/kg) ug/L	Q
	Unknown	4.793	1.4	

FORM I - TIC

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L210243 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 2.5 / mL Date Received: 12/21/07
Work Order: KEM811AD Date Extracted:12/27/07
Dilution factor: 10 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362159

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
1634-04-4	Methyl tert-butyl ether (MTB	20	U
75-71-8	Dichlorodifluoromethane	20	U
74-87-3	**Chloromethane**	**2.4**	**J D**
75-01-4	Vinyl chloride	20	U
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	20	U
75-69-4	Trichlorofluoromethane	20	U
76-13-1	Trichlorotrifluoroethane	10	U
67-64-1	**Acetone**	**3400**	**D E**
75-35-4	1,1-Dichloroethene	10	U
74-88-4	Iodomethane	10	U
75-09-2	**Methylene chloride**	**7.8**	**J D**
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	50	U
594-20-7	2,2-Dichloropropane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	**Chloroform**	**9.1**	**J D**
74-97-5	Bromochloromethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
136777-61-2	m-Xylene & p-Xylene	20	U
563-58-6	1,1-Dichloropropene	10	U
95-47-6	o-Xylene	10	U
56-23-5	Carbon tetrachloride	10	U
107-06-2	1,2-Dichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L210243 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 2.5 / mL Date Received: 12/21/07
Work Order: KEM811AD Date Extracted:12/27/07
Dilution factor: 10 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362159

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-27-4	Bromodichloromethane	10	U
108-10-1	4-Methyl-2-pentanone	50	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-88-3	Toluene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
591-78-6	2-Hexanone	50	U
142-28-9	1,3-Dichloropropane	10	U
127-18-4	Tetrachloroethene	10	U
124-48-1	Chlorodibromomethane	10	U
106-93-4	1,2-Dibromoethane	10	U
124-48-1	Dibromochloromethane	10	U
108-90-7	Chlorobenzene	10	U
630-20-6	1,1,1,2-Tetrachloroethane	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
107-05-1	Allyl chloride	20	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-94-1	Cyclohexanone	200	U
103-65-1	n-Propylbenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
108-86-1	Bromobenzene	10	U
95-49-8	2-Chlorotoluene	10	U
106-93-4	1,2-Dibromoethane (EDB)	10	U
108-67-8	1,3,5-Trimethylbenzene	10	U
110-57-6	trans-1,4-Dichloro-2-butene	20	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L210243 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 2.5 / mL Date Received: 12/21/07
Work Order: KEM811AD Date Extracted:12/27/07
Dilution factor: 10 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362159

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
106-43-4	4-Chlorotoluene	10	U
98-06-6	tert-Butylbenzene	500	U
75-71-8	Dichlorodifluoromethane (Fre	20	U
156-59-2	cis-1,2-Dichloroethene	10	U
135-98-8	sec-Butylbenzene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
99-87-6	p-Isopropyltoluene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
104-51-8	n-Butylbenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
60-29-7	Ethyl ether	10	U
97-63-2	Ethyl methacrylate	10	U
76-13-1	Freon 113	10	U
87-68-3	Hexachlorobutadiene	10	U
110-54-3	n-Hexane	40	U
99-87-6	4-Isopropyltoluene	10	U
80-62-6	Methyl methacrylate	10	U
91-20-3	Naphthalene	10	U
79-46-9	2-Nitropropane	10	U
109-99-9	Tetrahydrofuran	100	U
87-61-6	1,2,3-Trichlorobenzene	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
71-36-3	1-Butanol	400	U
75-05-8	Acetonitrile	100	U
141-78-6	Ethyl acetate	20	U
110-75-8	2-Chloroethyl vinyl ether	20	U

FORM I

ENSR International

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L210243 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 2.5 / mL Date Received: 12/21/07
Work Order: KEM811AD Date Extracted:12/27/07
Dilution factor: 10 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362159

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg)	ug/L	Q
108-05-4	Vinyl acetate		20	U
107-02-8	Acrolein		100	U
107-13-1	Acrylonitrile		100	U
110-82-7	Cyclohexane		10	U
78-83-1	Isobutanol		800	U
126-98-7	Methacrylonitrile		50	U
108-87-2	Methylcyclohexane		40	U
107-12-0	Propionitrile		50	U
123-91-1	1,4-Dioxane		800	U
76-01-7	Pentachloroethane		20	U
79-20-9	Methyl acetate		50	U
126-99-8	2-Chloro-1,3-butadiene		10	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	98	(69 - 119)
Dibromofluoromethane	117	(74 - 134)
1,2-Dichloroethane-d4	123	(72 - 128)
4-Bromofluorobenzene	90	(71 - 115)

FORM I

ENSR International
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	2.0	U
75-05-8	Acetonitrile	10	U
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Chlorobromomethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	Methyl ethyl ketone	5.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U

FORM I

ENSR International
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
64-17-5	Ethanol	250	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
142-82-5	n-Heptane	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-09-2	Dichloromethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
79-46-9	2-Nitropropane	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM I

ENSR International
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
95-47-6	o-Xylene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
1634-04-4	Methyl tert-butyl ether	2.0	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
108-70-3	1,3,5-Trichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
75-71-8	Dichlorodifluoromethane (Fre	2.0	U
624-92-0	Dimethyl disulfide	5.0	U
108-08-7	2,4-Dimethylpentane	1.0	U
124-19-6	Nonanal	5.0	U
591-76-4	2-Methylhexane	1.0	U
589-34-4	3-Methylhexane	10	U
617-78-7	3-ethylpentane	10	U
590-35-2	2,2-Dimethylpentane	1.0	U
565-59-3	2,3-Dimethylpentane	1.0	U
562-49-2	3,3-dimethylpentane	1.0	U
464-06-2	2,2,3-Trimethylbutane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	103	(69 - 119)
Dibromofluoromethane	114	(74 - 134)
1,2-Dichloroethane-d4	113	(72 - 128)
4-Bromofluorobenzene	107	(71 - 115)

FORM I

ENSR International
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AA Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: INTRA-LAB BLANK

CAS NUMBER	COMPOUND NAME (ug/L or ug/kg) ug/L	RT	EST. CONC.	Q
	None			

FORM I - TIC

ENSR International
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AA Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-90-7	Chlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	101	(69 - 119)
Dibromofluoromethane	115	(74 - 134)
1,2-Dichloroethane-d4	113	(72 - 128)
4-Bromofluorobenzene	102	(71 - 115)

FORM I

ENSR International
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F8A020000 105
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KE00W1AA Date Extracted:12/31/07
Dilution factor: 1 Date Analyzed: 12/31/07
Moisture %:NA

QC Batch: 8002105

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-90-7	Chlorobenzene	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	97	(69 - 119)
Dibromofluoromethane	111	(74 - 134)
1,2-Dichloroethane-d4	115	(72 - 128)
4-Bromofluorobenzene	106	(71 - 115)

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	9.46	
75-05-8	Acetonitrile	52.8	
71-43-2	Benzene	9.84	
108-86-1	Bromobenzene	9.59	
74-97-5	Chlorobromomethane	10.6	
75-27-4	Bromodichloromethane	11.0	
75-25-2	Bromoform	11.4	
74-83-9	Bromomethane	11.2	
78-93-3	Methyl ethyl ketone	9.74	
104-51-8	n-Butylbenzene	8.80	
135-98-8	sec-Butylbenzene	8.69	
98-06-6	tert-Butylbenzene	8.73	
75-15-0	Carbon disulfide	10.2	
56-23-5	Carbon tetrachloride	10.4	
108-90-7	Chlorobenzene	9.98	
124-48-1	Chlorodibromomethane	11.4	
75-00-3	Chloroethane	8.12	
67-66-3	Chloroform	9.81	
74-87-3	Chloromethane	7.97	
95-49-8	2-Chlorotoluene	8.93	
106-43-4	4-Chlorotoluene	9.07	
95-50-1	1,2-Dichlorobenzene	9.52	
541-73-1	1,3-Dichlorobenzene	9.44	
106-46-7	1,4-Dichlorobenzene	9.27	
75-34-3	1,1-Dichloroethane	9.83	
107-06-2	1,2-Dichloroethane	10.4	
75-35-4	1,1-Dichloroethene	9.62	
156-59-2	cis-1,2-Dichloroethene	10.0	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-60-5	trans-1,2-Dichloroethene	9.76	
540-59-0	1,2-Dichloroethene (total)	19.8	
78-87-5	1,2-Dichloropropane	10.2	
142-28-9	1,3-Dichloropropane	10.6	
594-20-7	2,2-Dichloropropane	9.46	
563-58-6	1,1-Dichloropropene	9.74	
10061-01-5	cis-1,3-Dichloropropene	11.2	
10061-02-6	trans-1,3-Dichloropropene	11.0	
100-41-4	Ethylbenzene	9.38	
75-69-4	Trichlorofluoromethane	8.42	
591-78-6	2-Hexanone	10.6	
74-88-4	Iodomethane	8.41	
98-82-8	Isopropylbenzene	8.49	
99-87-6	p-Isopropyltoluene	8.88	
75-09-2	Dichloromethane	10.4	
108-10-1	4-Methyl-2-pentanone	12.6	
79-46-9	2-Nitropropane	10.4	
103-65-1	n-Propylbenzene	8.60	
100-42-5	Styrene	9.42	
630-20-6	1,1,1,2-Tetrachloroethane	10.2	
79-34-5	1,1,2,2-Tetrachloroethane	10.0	
127-18-4	Tetrachloroethene	9.73	
108-88-3	Toluene	9.55	
87-61-6	1,2,3-Trichlorobenzene	13.4	a
120-82-1	1,2,4-Trichlorobenzene	11.8	
71-55-6	1,1,1-Trichloroethane	9.70	
79-00-5	1,1,2-Trichloroethane	10.3	
79-01-6	Trichloroethene	10.2	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-67-8	1,3,5-Trimethylbenzene	8.95	
108-05-4	Vinyl acetate	12.8	
75-01-4	Vinyl chloride	8.70	
95-47-6	o-Xylene	10.2	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	10.2	
136777-61-2	m-Xylene & p-Xylene	18.9	
96-12-8	1,2-Dibromo-3-chloropropane	9.59	
75-71-8	Dichlorodifluoromethane (Fre	8.67	
1634-04-4	Methyl tert-butyl ether	11.8	
107-05-1	Allyl chloride	9.75	
108-94-1	Cyclohexanone	66.8	
106-93-4	1,2-Dibromoethane (EDB)	10.2	
110-57-6	trans-1,4-Dichloro-2-butene	10.5	
97-63-2	Ethyl methacrylate	9.58	
87-68-3	Hexachlorobutadiene	9.12	
110-54-3	n-Hexane	9.91	
80-62-6	Methyl methacrylate	11.7	
91-20-3	Naphthalene	12.1	
109-99-9	Tetrahydrofuran	60.1	
60-29-7	Ethyl ether	23.2	
71-36-3	1-Butanol	143	a
141-78-6	Ethyl acetate	56.3	a
110-75-8	2-Chloroethyl vinyl ether	9.03	
107-02-8	Acrolein	55.0	
107-13-1	Acrylonitrile	59.2	
110-82-7	Cyclohexane	10.2	
78-83-1	Isobutanol	203	
126-98-7	Methacrylonitrile	60.0	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	9.74	
107-12-0	Propionitrile	55.4	
123-91-1	1,4-Dioxane	159	
76-01-7	Pentachloroethane	11.1	
79-20-9	Methyl acetate	8.49	
126-99-8	2-Chloro-1,3-butadiene	9.95	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	101	(85 - 121)
Dibromofluoromethane	108	(84 - 117)
1,2-Dichloroethane-d4	105	(72 - 124)
4-Bromofluorobenzene	93	(80 - 121)

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AC Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-90-7	Chlorobenzene	10.0	
106-46-7	1,4-Dichlorobenzene	9.37	
75-34-3	1,1-Dichloroethane	10.1	
10061-01-5	cis-1,3-Dichloropropene	11.6	
124-48-1	Dibromochloromethane	11.9	
74-87-3	Chloromethane	8.54	
75-01-4	Vinyl chloride	9.46	
74-83-9	Bromomethane	11.9	
75-00-3	Chloroethane	11.4	
67-64-1	Acetone	9.24	
75-35-4	1,1-Dichloroethene	9.53	
75-09-2	Methylene chloride	11.6	
75-15-0	Carbon disulfide	10.8	
78-93-3	2-Butanone	9.21	
540-59-0	1,2-Dichloroethene (total)	20.2	
67-66-3	Chloroform	10.3	
71-55-6	1,1,1-Trichloroethane	9.93	
56-23-5	Carbon tetrachloride	10.5	
107-06-2	1,2-Dichloroethane	10.5	
71-43-2	Benzene	9.97	
79-01-6	Trichloroethene	10.1	
78-87-5	1,2-Dichloropropane	10.7	
75-27-4	Bromodichloromethane	11.2	
79-00-5	1,1,2-Trichloroethane	10.5	
10061-02-6	trans-1,3-Dichloropropene	11.7	
108-88-3	Toluene	9.52	
136777-61-2	m-Xylene & p-Xylene	18.9	
95-47-6	o-Xylene	10.0	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AC Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	9.68	
591-78-6	2-Hexanone	10.5	
108-10-1	4-Methyl-2-pentanone	11.7	
75-25-2	Bromoform	11.3	
100-41-4	Ethylbenzene	9.48	
100-42-5	Styrene	9.59	
79-34-5	1,1,2,2-Tetrachloroethane	10.3	
127-18-4	Tetrachloroethene	9.76	
95-50-1	1,2-Dichlorobenzene	9.73	
108-86-1	Bromobenzene	9.86	
74-97-5	Bromochloromethane	11.5	
104-51-8	n-Butylbenzene	9.05	
135-98-8	sec-Butylbenzene	8.78	
98-06-6	tert-Butylbenzene	8.88	
107-05-1	Allyl chloride	9.75	
95-49-8	2-Chlorotoluene	9.16	
106-43-4	4-Chlorotoluene	9.34	
108-94-1	Cyclohexanone	101	
96-12-8	1,2-Dibromo-3-chloropropane	11.0	
106-93-4	1,2-Dibromoethane (EDB)	10.9	
110-57-6	trans-1,4-Dichloro-2-butene	10.8	
75-71-8	Dichlorodifluoromethane (Fre	9.28	
156-59-2	cis-1,2-Dichloroethene	10.4	
156-60-5	trans-1,2-Dichloroethene	9.77	
142-28-9	1,3-Dichloropropane	10.6	
594-20-7	2,2-Dichloropropane	10.1	
563-58-6	1,1-Dichloropropene	10.1	
97-63-2	Ethyl methacrylate	10.4	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AC Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
76-13-1	Freon 113	10.8	
87-68-3	Hexachlorobutadiene	9.89	
110-54-3	n-Hexane	11.6	
98-82-8	Isopropylbenzene	8.58	
99-87-6	4-Isopropyltoluene	8.98	
80-62-6	Methyl methacrylate	12.2	
1634-04-4	Methyl tert-butyl ether (MTB	11.7	
91-20-3	Naphthalene	13.6	a
79-46-9	2-Nitropropane	10.7	
103-65-1	n-Propylbenzene	8.77	
630-20-6	1,1,1,2-Tetrachloroethane	10.4	
109-99-9	Tetrahydrofuran	59.3	
87-61-6	1,2,3-Trichlorobenzene	14.3	a
120-82-1	1,2,4-Trichlorobenzene	12.7	a
75-69-4	Trichlorofluoromethane	9.21	
108-67-8	1,3,5-Trimethylbenzene	8.94	
60-29-7	Ethyl ether	23.6	
71-36-3	1-Butanol	141	a
75-05-8	Acetonitrile	55.5	
141-78-6	Ethyl acetate	52.7	a
110-75-8	2-Chloroethyl vinyl ether	6.97	
74-88-4	Iodomethane	8.27	
108-05-4	Vinyl acetate	12.7	
107-02-8	Acrolein	45.4	
107-13-1	Acrylonitrile	58.6	
110-82-7	Cyclohexane	10.4	
78-83-1	Isobutanol	221	
126-98-7	Methacrylonitrile	76.1	a

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AC Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	10.0	
107-12-0	Propionitrile	63.3	
123-91-1	1,4-Dioxane	180	
76-01-7	Pentachloroethane	11.2	
79-20-9	Methyl acetate	7.36	
126-99-8	2-Chloro-1,3-butadiene	9.72	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	99	(85 - 121)
Dibromofluoromethane	110	(84 - 117)
1,2-Dichloroethane-d4	104	(72 - 124)
4-Bromofluorobenzene	95	(80 - 121)

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F8A020000 105
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KE00W1AC Date Extracted:12/31/07
Dilution factor: 1 Date Analyzed: 12/31/07
Moisture %:NA

QC Batch: 8002105

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-90-7	Chlorobenzene	9.37	
10061-01-5	cis-1,3-Dichloropropene	10.8	
124-48-1	Dibromochloromethane	10.9	
74-87-3	Chloromethane	7.51	
75-01-4	Vinyl chloride	8.70	
74-83-9	Bromomethane	14.1	a
75-00-3	Chloroethane	10.9	
67-64-1	Acetone	12.1	
75-35-4	1,1-Dichloroethene	9.29	
75-09-2	Methylene chloride	10.6	
75-15-0	Carbon disulfide	10.3	
75-34-3	1,1-Dichloroethane	9.79	
78-93-3	2-Butanone	8.31	
540-59-0	1,2-Dichloroethene (total)	19.8	
67-66-3	Chloroform	9.54	
71-55-6	1,1,1-Trichloroethane	9.22	
56-23-5	Carbon tetrachloride	9.88	
107-06-2	1,2-Dichloroethane	10.4	
71-43-2	Benzene	9.78	
79-01-6	Trichloroethene	9.61	
78-87-5	1,2-Dichloropropane	10.5	
75-27-4	Bromodichloromethane	10.7	
79-00-5	1,1,2-Trichloroethane	9.91	
10061-02-6	trans-1,3-Dichloropropene	10.4	
108-88-3	Toluene	9.03	
136777-61-2	m-Xylene & p-Xylene	18.1	
95-47-6	o-Xylene	9.39	
541-73-1	1,3-Dichlorobenzene	9.22	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F8A020000 105
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KE00W1AC Date Extracted:12/31/07
Dilution factor: 1 Date Analyzed: 12/31/07
Moisture %:NA

QC Batch: 8002105

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
106-46-7	1,4-Dichlorobenzene	9.18	
591-78-6	2-Hexanone	9.86	
108-10-1	4-Methyl-2-pentanone	10.4	
75-25-2	Bromoform	11.0	
100-41-4	Ethylbenzene	8.96	
100-42-5	Styrene	9.09	
79-34-5	1,1,2,2-Tetrachloroethane	10.0	
127-18-4	Tetrachloroethene	9.56	
95-50-1	1,2-Dichlorobenzene	9.32	
108-86-1	Bromobenzene	9.45	
74-97-5	Bromochloromethane	10.7	
104-51-8	n-Butylbenzene	8.63	
135-98-8	sec-Butylbenzene	8.37	
98-06-6	tert-Butylbenzene	8.54	
107-05-1	Allyl chloride	9.03	
95-49-8	2-Chlorotoluene	8.60	
106-43-4	4-Chlorotoluene	8.78	
108-94-1	Cyclohexanone	100	
96-12-8	1,2-Dibromo-3-chloropropane	8.54	
106-93-4	1,2-Dibromoethane (EDB)	9.94	
110-57-6	trans-1,4-Dichloro-2-butene	9.14	
75-71-8	Dichlorodifluoromethane (Fre	8.18	
156-59-2	cis-1,2-Dichloroethene	10.2	
156-60-5	trans-1,2-Dichloroethene	9.63	
142-28-9	1,3-Dichloropropane	10.3	
594-20-7	2,2-Dichloropropane	9.60	
563-58-6	1,1-Dichloropropene	9.73	
97-63-2	Ethyl methacrylate	9.73	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F8A020000 105
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KE00W1AC Date Extracted:12/31/07
Dilution factor: 1 Date Analyzed: 12/31/07
Moisture %:NA

QC Batch: 8002105

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
76-13-1	Freon 113	10.3	
87-68-3	Hexachlorobutadiene	9.08	
110-54-3	n-Hexane	11.0	
98-82-8	Isopropylbenzene	8.26	
99-87-6	4-Isopropyltoluene	8.68	
80-62-6	Methyl methacrylate	10.1	
1634-04-4	Methyl tert-butyl ether (MTB	11.7	
91-20-3	Naphthalene	11.2	
79-46-9	2-Nitropropane	9.81	
103-65-1	n-Propylbenzene	8.29	
630-20-6	1,1,1,2-Tetrachloroethane	9.58	
109-99-9	Tetrahydrofuran	57.9	
87-61-6	1,2,3-Trichlorobenzene	12.8	
120-82-1	1,2,4-Trichlorobenzene	11.8	
75-69-4	Trichlorofluoromethane	9.03	
108-67-8	1,3,5-Trimethylbenzene	8.54	
60-29-7	Ethyl ether	23.1	
71-36-3	1-Butanol	91.7	
75-05-8	Acetonitrile	49.9	
141-78-6	Ethyl acetate	55.3	a
110-75-8	2-Chloroethyl vinyl ether	5.55	
74-88-4	Iodomethane	8.05	
108-05-4	Vinyl acetate	13.0	
107-02-8	Acrolein	41.8	
107-13-1	Acrylonitrile	58.4	
110-82-7	Cyclohexane	10.3	
78-83-1	Isobutanol	224	
126-98-7	Methacrylonitrile	69.8	

FORM I

ENSR International
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F8A020000 105
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KE00W1AC Date Extracted:12/31/07
Dilution factor: 1 Date Analyzed: 12/31/07
Moisture %:NA

QC Batch: 8002105

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	9.72	
107-12-0	Propionitrile	62.2	
123-91-1	1,4-Dioxane	150	
76-01-7	Pentachloroethane	10.6	
79-20-9	Methyl acetate	7.34	
126-99-8	2-Chloro-1,3-butadiene	9.13	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	103	(85 - 121)
Dibromofluoromethane	111	(84 - 117)
1,2-Dichloroethane-d4	108	(72 - 124)
4-Bromofluorobenzene	96	(80 - 121)

FORM I

ENSR International
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	9.71	
75-05-8	Acetonitrile	73.6	
71-43-2	Benzene	13.6	
108-86-1	Bromobenzene	10.7	
74-97-5	Chlorobromomethane	13.3	
75-27-4	Bromodichloromethane	15.3	a
75-25-2	Bromoform	12.3	
74-83-9	Bromomethane	11.6	
78-93-3	Methyl ethyl ketone	12.6	p
104-51-8	n-Butylbenzene	8.76	
135-98-8	sec-Butylbenzene	8.89	
98-06-6	tert-Butylbenzene	9.36	
75-15-0	Carbon disulfide	14.2	
56-23-5	Carbon tetrachloride	14.4	
108-90-7	Chlorobenzene	12.6	
124-48-1	Chlorodibromomethane	13.9	
75-00-3	Chloroethane	12.7	
67-66-3	Chloroform	23.5	a p
74-87-3	Chloromethane	12.4	
95-49-8	2-Chlorotoluene	9.84	
106-43-4	4-Chlorotoluene	9.90	
95-50-1	1,2-Dichlorobenzene	11.5	p
541-73-1	1,3-Dichlorobenzene	10.4	
106-46-7	1,4-Dichlorobenzene	11.4	p
75-34-3	1,1-Dichloroethane	15.7	
107-06-2	1,2-Dichloroethane	15.9	
75-35-4	1,1-Dichloroethene	12.8	
156-59-2	cis-1,2-Dichloroethene	13.7	

FORM I

ENSR International
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-60-5	trans-1,2-Dichloroethene	12.6	
540-59-0	1,2-Dichloroethene (total)	26.2	
78-87-5	1,2-Dichloropropane	14.2	
142-28-9	1,3-Dichloropropane	13.1	
594-20-7	2,2-Dichloropropane	11.1	
563-58-6	1,1-Dichloropropene	12.9	
10061-01-5	cis-1,3-Dichloropropene	15.3	a
10061-02-6	trans-1,3-Dichloropropene	13.1	
100-41-4	Ethylbenzene	11.0	
75-69-4	Trichlorofluoromethane	12.5	
591-78-6	2-Hexanone	12.6	
74-88-4	Iodomethane	15.3	a
98-82-8	Isopropylbenzene	9.20	
99-87-6	p-Isopropyltoluene	9.11	
75-09-2	Dichloromethane	14.5	
108-10-1	4-Methyl-2-pentanone	14.6	
79-46-9	2-Nitropropane	11.9	
103-65-1	n-Propylbenzene	9.10	
100-42-5	Styrene	0.0	a
630-20-6	1,1,1,2-Tetrachloroethane	12.1	
79-34-5	1,1,2,2-Tetrachloroethane	11.6	
127-18-4	Tetrachloroethene	11.3	
108-88-3	Toluene	11.1	
87-61-6	1,2,3-Trichlorobenzene	14.8	a
120-82-1	1,2,4-Trichlorobenzene	13.0	
71-55-6	1,1,1-Trichloroethane	13.2	
79-00-5	1,1,2-Trichloroethane	12.6	
79-01-6	Trichloroethene	13.2	

FORM I

ENSR International
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-67-8	1,3,5-Trimethylbenzene	9.45	
108-05-4	Vinyl acetate	0.0	a
75-01-4	Vinyl chloride	13.5	
95-47-6	o-Xylene	11.8	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	13.2	
136777-61-2	m-Xylene & p-Xylene	22.2	
96-12-8	1,2-Dibromo-3-chloropropane	12.0	
75-71-8	Dichlorodifluoromethane (Fre	12.3	
1634-04-4	Methyl tert-butyl ether	16.8	a
107-05-1	Allyl chloride	12.9	
108-94-1	Cyclohexanone	82.1	p
106-93-4	1,2-Dibromoethane (EDB)	13.2	
110-57-6	trans-1,4-Dichloro-2-butene	12.1	
60-29-7	Ethyl ether	32.3	a
97-63-2	Ethyl methacrylate	11.8	
87-68-3	Hexachlorobutadiene	7.05	
110-54-3	n-Hexane	13.2	
80-62-6	Methyl methacrylate	16.5	a
91-20-3	Naphthalene	14.8	
109-99-9	Tetrahydrofuran	77.6	a
71-36-3	1-Butanol	114	p
141-78-6	Ethyl acetate	73.5	a
110-75-8	2-Chloroethyl vinyl ether	0.0	a
107-02-8	Acrolein	26.4	p
107-13-1	Acrylonitrile	76.9	a
110-82-7	Cyclohexane	13.9	a
78-83-1	Isobutanol	282	
126-98-7	Methacrylonitrile	82.8	a

FORM I

ENSR International
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	12.3	p
107-12-0	Propionitrile	78.9	a
123-91-1	1,4-Dioxane	222	
76-01-7	Pentachloroethane	12.4	
79-20-9	Methyl acetate	9.97	
126-99-8	2-Chloro-1,3-butadiene	13.4	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	99	(69 - 119)
Dibromofluoromethane	120	(74 - 134)
1,2-Dichloroethane-d4	116	(72 - 128)
4-Bromofluorobenzene	94	(71 - 115)

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	8.80	
75-05-8	Acetonitrile	46.8	
71-43-2	Benzene	9.89	
108-86-1	Bromobenzene	9.83	
74-97-5	Chlorobromomethane	10.7	
75-27-4	Bromodichloromethane	11.0	
75-25-2	Bromoform	11.7	
74-83-9	Bromomethane	11.8	
78-93-3	Methyl ethyl ketone	9.36	
104-51-8	n-Butylbenzene	9.06	
135-98-8	sec-Butylbenzene	8.89	
98-06-6	tert-Butylbenzene	8.94	
75-15-0	Carbon disulfide	10.4	
56-23-5	Carbon tetrachloride	10.6	
108-90-7	Chlorobenzene	10.0	
124-48-1	Chlorodibromomethane	11.4	
75-00-3	Chloroethane	8.20	
67-66-3	Chloroform	10.3	
74-87-3	Chloromethane	8.87	
95-49-8	2-Chlorotoluene	9.01	
106-43-4	4-Chlorotoluene	9.33	
95-50-1	1,2-Dichlorobenzene	9.87	
541-73-1	1,3-Dichlorobenzene	9.56	
106-46-7	1,4-Dichlorobenzene	9.56	
75-34-3	1,1-Dichloroethane	9.71	
107-06-2	1,2-Dichloroethane	10.4	
75-35-4	1,1-Dichloroethene	9.83	
156-59-2	cis-1,2-Dichloroethene	10.3	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-60-5	trans-1,2-Dichloroethene	9.59	
540-59-0	1,2-Dichloroethene (total)	19.9	
78-87-5	1,2-Dichloropropane	10.6	
142-28-9	1,3-Dichloropropane	10.8	
594-20-7	2,2-Dichloropropane	9.57	
563-58-6	1,1-Dichloropropene	9.80	
10061-01-5	cis-1,3-Dichloropropene	11.2	
10061-02-6	trans-1,3-Dichloropropene	10.5	
100-41-4	Ethylbenzene	9.46	
75-69-4	Trichlorofluoromethane	9.20	
591-78-6	2-Hexanone	9.27	
74-88-4	Iodomethane	9.16	
98-82-8	Isopropylbenzene	8.72	
99-87-6	p-Isopropyltoluene	9.16	
75-09-2	Dichloromethane	10.9	
108-10-1	4-Methyl-2-pentanone	11.4	
79-46-9	2-Nitropropane	10.6	
103-65-1	n-Propylbenzene	8.86	
100-42-5	Styrene	9.42	
630-20-6	1,1,1,2-Tetrachloroethane	10.4	
79-34-5	1,1,2,2-Tetrachloroethane	10.2	
127-18-4	Tetrachloroethene	9.64	
108-88-3	Toluene	9.46	
87-61-6	1,2,3-Trichlorobenzene	13.7	a
120-82-1	1,2,4-Trichlorobenzene	12.2	
71-55-6	1,1,1-Trichloroethane	9.86	
79-00-5	1,1,2-Trichloroethane	10.3	
79-01-6	Trichloroethene	10.0	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-67-8	1,3,5-Trimethylbenzene	9.06	
108-05-4	Vinyl acetate	13.6	
75-01-4	Vinyl chloride	9.71	
95-47-6	o-Xylene	9.92	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	10.4	
136777-61-2	m-Xylene & p-Xylene	19.0	
96-12-8	1,2-Dibromo-3-chloropropane	10.8	
75-71-8	Dichlorodifluoromethane (Fre	9.59	
1634-04-4	Methyl tert-butyl ether	12.0	
107-05-1	Allyl chloride	10.2	
108-94-1	Cyclohexanone	74.0	
106-93-4	1,2-Dibromoethane (EDB)	10.6	
110-57-6	trans-1,4-Dichloro-2-butene	11.3	
97-63-2	Ethyl methacrylate	9.87	
87-68-3	Hexachlorobutadiene	9.73	
110-54-3	n-Hexane	11.3	
80-62-6	Methyl methacrylate	12.2	
91-20-3	Naphthalene	12.4	
109-99-9	Tetrahydrofuran	58.2	
60-29-7	Ethyl ether	24.0	
71-36-3	1-Butanol	89.8	p
141-78-6	Ethyl acetate	58.4	a
110-75-8	2-Chloroethyl vinyl ether	9.03	
107-02-8	Acrolein	41.6	p
107-13-1	Acrylonitrile	59.8	
110-82-7	Cyclohexane	10.6	
78-83-1	Isobutanol	222	
126-98-7	Methacrylonitrile	75.1	a p

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L260000 149
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KERR91AD Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	10.2	
107-12-0	Propionitrile	55.4	
123-91-1	1,4-Dioxane	143	
76-01-7	Pentachloroethane	11.1	
79-20-9	Methyl acetate	8.20	
126-99-8	2-Chloro-1,3-butadiene	9.98	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	99	(85 - 121)
Dibromofluoromethane	110	(84 - 117)
1,2-Dichloroethane-d4	105	(72 - 124)
4-Bromofluorobenzene	96	(80 - 121)

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AD Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-90-7	Chlorobenzene	9.57	
106-46-7	1,4-Dichlorobenzene	9.31	
75-34-3	1,1-Dichloroethane	9.86	
10061-01-5	cis-1,3-Dichloropropene	11.0	
124-48-1	Dibromochloromethane	11.0	
74-87-3	Chloromethane	8.55	
75-01-4	Vinyl chloride	9.22	
74-83-9	Bromomethane	11.2	
75-00-3	Chloroethane	7.50	p
67-64-1	Acetone	9.36	
75-35-4	1,1-Dichloroethene	9.74	
75-09-2	Methylene chloride	11.7	
75-15-0	Carbon disulfide	10.0	
78-93-3	2-Butanone	8.71	
540-59-0	1,2-Dichloroethene (total)	20.0	
67-66-3	Chloroform	9.92	
71-55-6	1,1,1-Trichloroethane	9.65	
56-23-5	Carbon tetrachloride	10.2	
107-06-2	1,2-Dichloroethane	10.5	
71-43-2	Benzene	9.76	
79-01-6	Trichloroethene	9.78	
78-87-5	1,2-Dichloropropane	10.7	
75-27-4	Bromodichloromethane	11.1	
79-00-5	1,1,2-Trichloroethane	10.0	
10061-02-6	trans-1,3-Dichloropropene	10.8	
108-88-3	Toluene	9.12	
136777-61-2	m-Xylene & p-Xylene	18.1	
95-47-6	o-Xylene	9.58	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AD Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
541-73-1	1,3-Dichlorobenzene	9.40	
591-78-6	2-Hexanone	10.1	
108-10-1	4-Methyl-2-pentanone	12.1	
75-25-2	Bromoform	11.6	
100-41-4	Ethylbenzene	9.02	
100-42-5	Styrene	9.22	
79-34-5	1,1,2,2-Tetrachloroethane	10.5	
127-18-4	Tetrachloroethene	9.26	
95-50-1	1,2-Dichlorobenzene	9.70	
108-86-1	Bromobenzene	9.68	
74-97-5	Bromochloromethane	10.6	
104-51-8	n-Butylbenzene	8.73	
135-98-8	sec-Butylbenzene	8.45	
98-06-6	tert-Butylbenzene	8.62	
107-05-1	Allyl chloride	9.51	
95-49-8	2-Chlorotoluene	8.98	
106-43-4	4-Chlorotoluene	9.04	
108-94-1	Cyclohexanone	71.1	p
96-12-8	1,2-Dibromo-3-chloropropane	10.8	
106-93-4	1,2-Dibromoethane (EDB)	10.1	
110-57-6	trans-1,4-Dichloro-2-butene	10.8	
75-71-8	Dichlorodifluoromethane (Fre	8.97	
156-59-2	cis-1,2-Dichloroethene	10.6	
156-60-5	trans-1,2-Dichloroethene	9.40	
142-28-9	1,3-Dichloropropane	10.6	
594-20-7	2,2-Dichloropropane	9.55	
563-58-6	1,1-Dichloropropene	9.97	
97-63-2	Ethyl methacrylate	10.3	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AD Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
76-13-1	Freon 113	10.3	
87-68-3	Hexachlorobutadiene	9.38	
110-54-3	n-Hexane	11.2	
98-82-8	Isopropylbenzene	8.37	
99-87-6	4-Isopropyltoluene	8.73	
80-62-6	Methyl methacrylate	11.6	
1634-04-4	Methyl tert-butyl ether (MTB	12.3	
91-20-3	Naphthalene	12.5	
79-46-9	2-Nitropropane	10.2	
103-65-1	n-Propylbenzene	8.56	
630-20-6	1,1,1,2-Tetrachloroethane	10.1	
109-99-9	Tetrahydrofuran	59.9	
87-61-6	1,2,3-Trichlorobenzene	14.0	a
120-82-1	1,2,4-Trichlorobenzene	12.3	
75-69-4	Trichlorofluoromethane	8.94	
108-67-8	1,3,5-Trimethylbenzene	8.78	
60-29-7	Ethyl ether	23.5	
71-36-3	1-Butanol	97.4	p
75-05-8	Acetonitrile	51.5	
141-78-6	Ethyl acetate	54.3	a
110-75-8	2-Chloroethyl vinyl ether	7.46	
74-88-4	Iodomethane	8.38	
108-05-4	Vinyl acetate	13.4	
107-02-8	Acrolein	50.2	
107-13-1	Acrylonitrile	59.9	
110-82-7	Cyclohexane	10.2	
78-83-1	Isobutanol	217	
126-98-7	Methacrylonitrile	65.9	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L280000 155
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/15/07
Work Order: KEWA41AD Date Extracted:12/27/07
Dilution factor: 1 Date Analyzed: 12/27/07
Moisture %:NA

QC Batch: 7362155

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	9.64	
107-12-0	Propionitrile	59.7	
123-91-1	1,4-Dioxane	119	p
76-01-7	Pentachloroethane	11.0	
79-20-9	Methyl acetate	8.43	
126-99-8	2-Chloro-1,3-butadiene	9.55	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	95	(85 - 121)
Dibromofluoromethane	106	(84 - 117)
1,2-Dichloroethane-d4	104	(72 - 124)
4-Bromofluorobenzene	93	(80 - 121)

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F8A020000 105
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KE00W1AD Date Extracted:12/31/07
Dilution factor: 1 Date Analyzed: 12/31/07
Moisture %:NA

QC Batch: 8002105

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-90-7	Chlorobenzene	9.34	
10061-01-5	cis-1,3-Dichloropropene	11.3	
124-48-1	Dibromochloromethane	11.5	
74-87-3	Chloromethane	7.52	
75-01-4	Vinyl chloride	8.79	
74-83-9	Bromomethane	12.9	
75-00-3	Chloroethane	10.6	
67-64-1	Acetone	11.4	
75-35-4	1,1-Dichloroethene	9.22	
75-09-2	Methylene chloride	10.5	
75-15-0	Carbon disulfide	9.96	
75-34-3	1,1-Dichloroethane	9.92	
78-93-3	2-Butanone	10.2	
540-59-0	1,2-Dichloroethene (total)	19.4	
67-66-3	Chloroform	9.85	
71-55-6	1,1,1-Trichloroethane	9.30	
56-23-5	Carbon tetrachloride	9.57	
107-06-2	1,2-Dichloroethane	10.4	
71-43-2	Benzene	9.49	
79-01-6	Trichloroethene	9.36	
78-87-5	1,2-Dichloropropane	10.5	
75-27-4	Bromodichloromethane	10.7	
79-00-5	1,1,2-Trichloroethane	9.87	
10061-02-6	trans-1,3-Dichloropropene	10.4	
108-88-3	Toluene	8.65	
136777-61-2	m-Xylene & p-Xylene	17.4	
95-47-6	o-Xylene	9.24	
541-73-1	1,3-Dichlorobenzene	9.08	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F8A020000 105
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KE00W1AD Date Extracted:12/31/07
Dilution factor: 1 Date Analyzed: 12/31/07
Moisture %:NA

QC Batch: 8002105

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
106-46-7	1,4-Dichlorobenzene	8.96	
591-78-6	2-Hexanone	10.5	
108-10-1	4-Methyl-2-pentanone	11.7	
75-25-2	Bromoform	11.3	
100-41-4	Ethylbenzene	8.70	
100-42-5	Styrene	9.02	
79-34-5	1,1,2,2-Tetrachloroethane	10.2	
127-18-4	Tetrachloroethene	9.00	
95-50-1	1,2-Dichlorobenzene	9.18	
108-86-1	Bromobenzene	9.44	
74-97-5	Bromochloromethane	11.0	
104-51-8	n-Butylbenzene	8.30	
135-98-8	sec-Butylbenzene	8.12	
98-06-6	tert-Butylbenzene	8.24	
107-05-1	Allyl chloride	9.00	
95-49-8	2-Chlorotoluene	8.48	
106-43-4	4-Chlorotoluene	8.66	
108-94-1	Cyclohexanone	78.6	p
96-12-8	1,2-Dibromo-3-chloropropane	10.4	
106-93-4	1,2-Dibromoethane (EDB)	9.92	
110-57-6	trans-1,4-Dichloro-2-butene	9.72	
75-71-8	Dichlorodifluoromethane (Fre	8.09	
156-59-2	cis-1,2-Dichloroethene	10.5	
156-60-5	trans-1,2-Dichloroethene	8.84	
142-28-9	1,3-Dichloropropane	10.6	
594-20-7	2,2-Dichloropropane	9.32	
563-58-6	1,1-Dichloropropene	9.36	
97-63-2	Ethyl methacrylate	9.33	

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F8A020000 105
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KE00W1AD Date Extracted:12/31/07
Dilution factor: 1 Date Analyzed: 12/31/07
Moisture %:NA

QC Batch: 8002105

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
76-13-1	Freon 113	9.78	
87-68-3	Hexachlorobutadiene	8.68	
110-54-3	n-Hexane	10.7	
98-82-8	Isopropylbenzene	8.00	
99-87-6	4-Isopropyltoluene	8.34	
80-62-6	Methyl methacrylate	11.7	
1634-04-4	Methyl tert-butyl ether (MTB	12.2	
91-20-3	Naphthalene	11.8	
79-46-9	2-Nitropropane	10.1	
103-65-1	n-Propylbenzene	8.11	
630-20-6	1,1,1,2-Tetrachloroethane	9.92	
109-99-9	Tetrahydrofuran	53.6	
87-61-6	1,2,3-Trichlorobenzene	12.8	
120-82-1	1,2,4-Trichlorobenzene	11.6	
75-69-4	Trichlorofluoromethane	8.89	
108-67-8	1,3,5-Trimethylbenzene	8.33	
60-29-7	Ethyl ether	23.1	
71-36-3	1-Butanol	114	p
75-05-8	Acetonitrile	46.1	
141-78-6	Ethyl acetate	57.4	a
110-75-8	2-Chloroethyl vinyl ether	5.32	
74-88-4	Iodomethane	8.27	
108-05-4	Vinyl acetate	13.4	
107-02-8	Acrolein	41.1	
107-13-1	Acrylonitrile	58.5	
110-82-7	Cyclohexane	9.65	
78-83-1	Isobutanol	229	
126-98-7	Methacrylonitrile	70.8	a

FORM I

ENSR International
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F8A020000 105
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/20/07
Work Order: KE00W1AD Date Extracted:12/31/07
Dilution factor: 1 Date Analyzed: 12/31/07
Moisture %:NA

QC Batch: 8002105

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	9.18	
107-12-0	Propionitrile	57.3	
123-91-1	1,4-Dioxane	108	p
76-01-7	Pentachloroethane	10.5	
79-20-9	Methyl acetate	7.88	
126-99-8	2-Chloro-1,3-butadiene	9.26	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	100	(85 - 121)
Dibromofluoromethane	109	(84 - 117)
1,2-Dichloroethane-d4	111	(72 - 124)
4-Bromofluorobenzene	97	(80 - 121)

FORM I

ENSR International
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	11.5	
75-05-8	Acetonitrile	68.5	
71-43-2	Benzene	13.2	
108-86-1	Bromobenzene	10.3	
74-97-5	Chlorobromomethane	14.1	
75-27-4	Bromodichloromethane	15.2	a
75-25-2	Bromoform	11.6	
74-83-9	Bromomethane	10.5	
78-93-3	Methyl ethyl ketone	9.28	
104-51-8	n-Butylbenzene	8.38	
135-98-8	sec-Butylbenzene	8.64	
98-06-6	tert-Butylbenzene	9.02	
75-15-0	Carbon disulfide	14.4	
56-23-5	Carbon tetrachloride	14.1	
108-90-7	Chlorobenzene	13.0	
124-48-1	Chlorodibromomethane	13.3	
75-00-3	Chloroethane	10.6	
67-66-3	Chloroform	65.4	a
74-87-3	Chloromethane	12.3	
95-49-8	2-Chlorotoluene	9.29	
106-43-4	4-Chlorotoluene	9.57	
95-50-1	1,2-Dichlorobenzene	14.7	a
541-73-1	1,3-Dichlorobenzene	10.4	
106-46-7	1,4-Dichlorobenzene	14.6	a
75-34-3	1,1-Dichloroethane	15.5	
107-06-2	1,2-Dichloroethane	15.9	
75-35-4	1,1-Dichloroethene	12.8	
156-59-2	cis-1,2-Dichloroethene	13.7	

FORM I

ENSR International
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
156-60-5	trans-1,2-Dichloroethene	12.4	
540-59-0	1,2-Dichloroethene (total)	26.1	
78-87-5	1,2-Dichloropropane	13.7	
142-28-9	1,3-Dichloropropane	12.3	
594-20-7	2,2-Dichloropropane	11.2	
563-58-6	1,1-Dichloropropene	12.4	
10061-01-5	cis-1,3-Dichloropropene	14.0	
10061-02-6	trans-1,3-Dichloropropene	12.3	
100-41-4	Ethylbenzene	10.6	
75-69-4	Trichlorofluoromethane	12.4	
591-78-6	2-Hexanone	11.8	
74-88-4	Iodomethane	14.7	
98-82-8	Isopropylbenzene	8.88	
99-87-6	p-Isopropyltoluene	8.87	
75-09-2	Dichloromethane	14.6	
108-10-1	4-Methyl-2-pentanone	15.0	
79-46-9	2-Nitropropane	11.5	
103-65-1	n-Propylbenzene	8.90	
100-42-5	Styrene	0.0	a
630-20-6	1,1,1,2-Tetrachloroethane	11.6	
79-34-5	1,1,2,2-Tetrachloroethane	11.5	
127-18-4	Tetrachloroethene	11.2	
108-88-3	Toluene	10.9	
87-61-6	1,2,3-Trichlorobenzene	14.3	
120-82-1	1,2,4-Trichlorobenzene	12.3	
71-55-6	1,1,1-Trichloroethane	12.8	
79-00-5	1,1,2-Trichloroethane	12.2	
79-01-6	Trichloroethene	13.0	

FORM I

ENSR International
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-67-8	1,3,5-Trimethylbenzene	9.28	
108-05-4	Vinyl acetate	0.0	a
75-01-4	Vinyl chloride	13.7	
95-47-6	o-Xylene	11.4	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	13.9	
136777-61-2	m-Xylene & p-Xylene	21.4	
96-12-8	1,2-Dibromo-3-chloropropane	13.0	
75-71-8	Dichlorodifluoromethane (Fre	12.0	
1634-04-4	Methyl tert-butyl ether	16.1	a
107-05-1	Allyl chloride	13.2	
108-94-1	Cyclohexanone	62.0	
106-93-4	1,2-Dibromoethane (EDB)	11.8	
110-57-6	trans-1,4-Dichloro-2-butene	10.9	
60-29-7	Ethyl ether	32.2	a
97-63-2	Ethyl methacrylate	11.8	
87-68-3	Hexachlorobutadiene	7.02	
110-54-3	n-Hexane	13.6	
80-62-6	Methyl methacrylate	16.0	a
91-20-3	Naphthalene	13.8	
109-99-9	Tetrahydrofuran	75.2	
71-36-3	1-Butanol	270	a
141-78-6	Ethyl acetate	74.7	a
110-75-8	2-Chloroethyl vinyl ether	0.0	a
107-02-8	Acrolein	34.6	
107-13-1	Acrylonitrile	75.6	a
110-82-7	Cyclohexane	15.4	a
78-83-1	Isobutanol	289	
126-98-7	Methacrylonitrile	82.4	a

ENSR International
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:F7L190135 004
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 25 / mL Date Received: 12/19/07
Work Order: KEE911AC Date Extracted:12/24/07
Dilution factor: 1 Date Analyzed: 12/24/07
Moisture %:NA

QC Batch: 7360149

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
108-87-2	Methylcyclohexane	7.45	
107-12-0	Propionitrile	82.4	a
123-91-1	1,4-Dioxane	221	
76-01-7	Pentachloroethane	11.7	
79-20-9	Methyl acetate	9.98	
126-99-8	2-Chloro-1,3-butadiene	12.9	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Toluene-d8	98	(69 - 119)
Dibromofluoromethane	120	(74 - 134)
1,2-Dichloroethane-d4	116	(72 - 128)
4-Bromofluorobenzene	92	(71 - 115)

GC/MS ADDITIONAL QC SUMMARY DATA
FORMS 2 THROUGH 4

SW846 8260B SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L200290

Extraction: XXI25QK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	INTRA-LAB QC	98	117	123	90	00

SURROGATES		QC LIMITS
SRG01	= Toluene-d8	(69-119)
SRG02	= Dibromofluoromethane	(74-134)
SRG03	= 1,2-Dichloroethane-d4	(72-128)
SRG04	= 4-Bromofluorobenzene	(71-115)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L200290

Extraction: XXI25QK2X

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	INTRA-LAB QC RE-1	102	111	121	98	00
02	M-5A	50 *	109	117	87	01
03	M-5A RE-1	88	119	120	104	00
04	M-5A RE-2	94	123	130*	101	01
05	DUPE-1	53 *	105	114	86	01
06	DUPE-1 RE-1	89	118	118	104	00
07	DUPE-1 RE-2	98	116	118	106	00
08	QCTB	102	116	116	101	00
09	METHOD BLK. KERR91AA	103	114	113	107	00
10	METHOD BLK. KEWA41AA	101	115	113	102	00
11	METHOD BLK. KE00W1AA	97	111	115	106	00
12	LCS KERR91AC	101	108	105	93	00
13	LCS KEWA41AC	99	110	104	95	00
14	LCS KE00W1AC	103	111	108	96	00
15	LAB MS/MSD D	99	120	116	94	00
16	LCSD KERR91AD	99	110	105	96	00
17	LCSD KEWA41AD	95	106	104	93	00
18	LCSD KE00W1AD	100	109	111	97	00
19	LAB MS/MSD S	98	120	116	92	00

SURROGATES		QC LIMITS
SRG01	= Toluene-d8	(69-119)
SRG02	= Dibromofluoromethane	(74-134)
SRG03	= 1,2-Dichloroethane-d4	(72-128)
SRG04	= 4-Bromofluorobenzene	(71-115)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: F7L190135 WO #: KEE911AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
cis-1,3-Dichloropropene	10.0	ND	14.0	140	63- 150	
Chloromethane	10.0	ND	12.3	123	36- 150	
Vinyl chloride	10.0	ND	13.7	137	54- 150	
Bromomethane	10.0	ND	10.5	105	25- 150	
Chloroethane	10.0	ND	10.6	106	58- 150	
Acetone	10.0	ND	11.5	115	26- 150	
1,1-Dichloroethene	10.0	ND	12.8	128	36- 150	
Dichloromethane	10.0	ND	14.6	146	54- 150	
Carbon disulfide	10.0	ND	14.4	144	23- 150	
1,1-Dichloroethane	10.0	2.4	15.5	132	65- 150	
1,2-Dichloroethene (total	20.0	ND	26.1	130	68- 150	
Chloroform	10.0	2.2	65.4	632*	65- 150	a
1,1,1-Trichloroethane	10.0	ND	12.8	128	62- 150	
Carbon tetrachloride	10.0	ND	14.1	141	50- 150	
1,2-Dichloroethane	10.0	2.1	15.9	138	68- 150	
Benzene	10.0	ND	13.2	132	66- 150	
Trichloroethene	10.0	ND	13.0	130	56- 150	
1,2-Dichloropropane	10.0	ND	13.7	137	64- 150	
Bromodichloromethane	10.0	ND	15.2	152*	70- 150	a
1,1,2-Trichloroethane	10.0	ND	12.2	122	53- 143	
trans-1,3-Dichloropropene	10.0	ND	12.3	123	59- 144	
Toluene	10.0	ND	10.9	109	60- 132	
m-Xylene & p-Xylene	20.0	ND	21.4	107	66- 133	
o-Xylene	10.0	ND	11.4	114	69- 136	
1,3-Dichlorobenzene	10.0	ND	10.4	104	59- 129	
1,4-Dichlorobenzene	10.0	ND	14.6	146*	55- 129	a
1,2-Dichlorobenzene	10.0	ND	14.7	147*	57- 131	a
2-Hexanone	10.0	ND	11.8	118	44- 144	

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: F7L190135 WO #: KEE911AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
4-Methyl-2-pentanone	10.0	ND	15.0	150	44- 150	
Chlorobenzene	10.0	ND	13.0	130	58- 137	
Bromoform	10.0	ND	11.6	116	51- 145	
Ethylbenzene	10.0	ND	10.6	106	66- 134	
Styrene	10.0	ND	0.0	0*	57- 143	a
1,1,2,2-Tetrachloroethane	10.0	ND	11.5	115	46- 142	
Tetrachloroethene	10.0	ND	11.2	112	47- 131	
Methyl ethyl ketone	10.0	ND	9.28	93	26- 150	
Chlorodibromomethane	10.0	ND	13.3	133	50- 150	
Bromobenzene	10.0	ND	10.3	103	58- 130	
Chlorobromomethane	10.0	ND	14.1	141	53- 150	
n-Butylbenzene	10.0	ND	8.38	84	45- 136	
sec-Butylbenzene	10.0	ND	8.64	86	54- 133	
tert-Butylbenzene	10.0	ND	9.02	90	48- 137	
Allyl chloride	10.0	ND	13.2	132	46- 150	
2-Chlorotoluene	10.0	ND	9.29	93	56- 130	
4-Chlorotoluene	10.0	ND	9.57	96	59- 130	
Cyclohexanone	100	ND	62.0	62	20- 137	
1,2-Dibromo-3-chloropropa	10.0	ND	13.0	130	38- 147	
1,2-Dibromoethane (EDB)	10.0	ND	11.8	118	50- 150	
trans-1,4-Dichloro-2-bute	10.0	ND	10.9	109	27- 139	
Dichlorodifluoromethane (	10.0	ND	12.0	120	28- 150	
cis-1,2-Dichloroethene	10.0	ND	13.7	137	72- 150	
trans-1,2-Dichloroethene	10.0	ND	12.4	124	61- 150	
1,3-Dichloropropane	10.0	ND	12.3	123	56- 144	
2,2-Dichloropropane	10.0	ND	11.2	112	44- 145	
1,1-Dichloropropene	10.0	ND	12.4	124	69- 149	
Ethyl ether	20.0	ND	32.2	161*	41- 150	a

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: F7L190135 WO #: KEE911AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Ethyl methacrylate	10.0	ND	11.8	118	55- 126	
1,1,2-Trichloro-1,2,2-tri	10.0	ND	13.9	139	41- 149	
Hexachlorobutadiene	10.0	ND	7.02	70	33- 143	
n-Hexane	10.0	ND	13.6	136	33- 150	
Isopropylbenzene	10.0	ND	8.88	89	53- 135	
p-Isopropyltoluene	10.0	ND	8.87	89	46- 137	
Methyl methacrylate	10.0	ND	16.0	160*	54- 150	a
Methyl tert-butyl ether	10.0	ND	16.1	161*	60- 150	a
Naphthalene	10.0	ND	13.8	138	30- 149	
2-Nitropropane	10.0	ND	11.5	115	48- 142	
n-Propylbenzene	10.0	ND	8.90	89	49- 138	
1,1,1,2-Tetrachloroethane	10.0	ND	11.6	116	55- 142	
Tetrahydrofuran	50.0	ND	75.2	150	40- 150	
1,2,3-Trichlorobenzene	10.0	ND	14.3	143	45- 143	
1,2,4-Trichlorobenzene	10.0	ND	12.3	123	46- 138	
Trichlorofluoromethane	10.0	ND	12.4	124	60- 142	
1,3,5-Trimethylbenzene	10.0	ND	9.28	93	48- 136	
1-Butanol	100	ND	270	270*	15- 150	a
Acetonitrile	50.0	ND	68.5	137	27- 150	
Ethyl acetate	20.0	ND	74.7	374*	26- 150	a
2-Chloroethyl vinyl ether	10.0	ND	0.0	0*	10- 150	a
Iodomethane	10.0	ND	14.7	147	20- 150	
Vinyl acetate	10.0	ND	0.0	0*	20- 150	a
Acrolein	50.0	ND	34.6	69	20- 150	
Acrylonitrile	50.0	ND	75.6	151*	62- 150	a
Cyclohexane	10.0	ND	15.4	154*	20- 137	a
Isobutanol	200	ND	289	144	21- 150	
Methacrylonitrile	50.0	ND	82.4	165*	57- 150	a

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: F7L190135 WO #: KEE911AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Methylcyclohexane	10.0	ND	7.45	75	51- 150	
Propionitrile	50.0	ND	82.4	165*	49- 150	a
1,4-Dioxane	200	ND	221	110	25- 150	
Pentachloroethane	10.0	ND	11.7	117	29- 150	
Methyl acetate	10.0	ND	9.98	100	32- 150	
2-Chloro-1,3-butadiene	10.0	ND	12.9	129	59- 150	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 16 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: F7L190135 WO #: KEE911AD
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/L)	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
m-Xylene & p-Xylene	20.0	22.2	111	3.9		20	66- 133	
o-Xylene	10.0	11.8	118	3.4		20	69- 136	
1,3-Dichlorobenzene	10.0	10.4	104	0.28		20	59- 129	
1,4-Dichlorobenzene	10.0	11.4	114	24	*	20	55- 129	p
1,2-Dichlorobenzene	10.0	11.5	115	24	*	20	57- 131	p
2-Hexanone	10.0	12.6	126	7.1		20	44- 144	
4-Methyl-2-pentanone	10.0	14.6	146	2.6		20	44- 150	
Chlorobenzene	10.0	12.6	126	3.1		20	58- 137	
Bromoform	10.0	12.3	123	5.8		20	51- 145	
Ethylbenzene	10.0	11.0	110	3.8		20	66- 134	
Styrene	10.0	0.0	0*	0.0		20	57- 143	a
1,1,2,2-Tetrachloroethane	10.0	11.6	116	0.17		20	46- 142	
Tetrachloroethene	10.0	11.3	113	0.97		20	47- 131	
Methyl ethyl ketone	10.0	12.6	126	30	*	20	26- 150	p
Chlorodibromomethane	10.0	13.9	139	4.6		20	50- 150	
Bromobenzene	10.0	10.7	107	3.5		20	58- 130	
Chlorobromomethane	10.0	13.3	133	5.6		20	53- 150	
n-Butylbenzene	10.0	8.76	88	4.4		20	45- 136	
sec-Butylbenzene	10.0	8.89	89	2.8		20	54- 133	
cis-1,3-Dichloropropene	10.0	15.3	153*	9.2		20	63- 150	a
Chloromethane	10.0	12.4	124	1.4		20	36- 150	
Vinyl chloride	10.0	13.5	135	1.3		20	54- 150	
Bromomethane	10.0	11.6	116	9.7		20	25- 150	
Chloroethane	10.0	12.7	127	18		20	58- 150	
Acetone	10.0	9.71	97	17		20	26- 150	
1,1-Dichloroethene	10.0	12.8	128	0.23		20	36- 150	
Dichloromethane	10.0	14.5	145	0.34		20	54- 150	
Carbon disulfide	10.0	14.2	142	1.3		20	23- 150	

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: F7L190135 WO #: KEE911AD
BATCH: 7360149

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethane	10.0	15.7	134	1.2		20	65- 150	
1,2-Dichloroethene (total	20.0	26.2	131	0.61		20	68- 150	
Chloroform	10.0	23.5	213*	94	*	20	65- 150	a p
1,1,1-Trichloroethane	10.0	13.2	132	2.7		20	62- 150	
Carbon tetrachloride	10.0	14.4	144	2.2		20	50- 150	
1,2-Dichloroethane	10.0	15.9	137	0.50		20	68- 150	
Benzene	10.0	13.6	136	2.8		20	66- 150	
Trichloroethene	10.0	13.2	132	1.8		20	56- 150	
1,2-Dichloropropane	10.0	14.2	142	3.4		20	64- 150	
Bromodichloromethane	10.0	15.3	153*	0.72		20	70- 150	a
1,1,2-Trichloroethane	10.0	12.6	126	3.2		20	53- 143	
trans-1,3-Dichloropropene	10.0	13.1	131	6.4		20	59- 144	
Toluene	10.0	11.1	111	2.3		20	60- 132	
tert-Butylbenzene	10.0	9.36	94	3.7		20	48- 137	
Allyl chloride	10.0	12.9	129	2.3		20	46- 150	
2-Chlorotoluene	10.0	9.84	98	5.7		20	56- 130	
4-Chlorotoluene	10.0	9.90	99	3.3		20	59- 130	
Cyclohexanone	100	82.1	82	28	*	20	20- 137	p
1,2-Dibromo-3-chloropropa	10.0	12.0	120	7.8		20	38- 147	
1,2-Dibromoethane (EDB)	10.0	13.2	132	11		20	50- 150	
trans-1,4-Dichloro-2-bute	10.0	12.1	121	11		20	27- 139	
Dichlorodifluoromethane (	10.0	12.3	123	2.9		20	28- 150	
cis-1,2-Dichloroethene	10.0	13.7	137	0.14		20	72- 150	
trans-1,2-Dichloroethene	10.0	12.6	126	1.4		20	61- 150	
1,3-Dichloropropane	10.0	13.1	131	6.2		20	56- 144	
2,2-Dichloropropane	10.0	11.1	111	0.71		20	44- 145	
1,1-Dichloropropene	10.0	12.9	129	3.6		20	69- 149	
Ethyl ether	20.0	32.3	162*	0.24		20	41- 150	a

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: F7L190135 WO #: KEE911AD
BATCH: 7360149

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
Ethyl methacrylate	10.0	11.8	118	0.25		20	55- 126	
1,1,2-Trichloro-1,2,2-tri	10.0	13.2	132	4.6		20	41- 149	
Hexachlorobutadiene	10.0	7.05	70	0.49		20	33- 143	
n-Hexane	10.0	13.2	132	2.9		20	33- 150	
Isopropylbenzene	10.0	9.20	92	3.6		20	53- 135	
p-Isopropyltoluene	10.0	9.11	91	2.7		20	46- 137	
Methyl methacrylate	10.0	16.5	165*	3.2		20	54- 150	a
Methyl tert-butyl ether	10.0	16.8	168*	4.2		20	60- 150	a
Naphthalene	10.0	14.8	148	6.7		20	30- 149	
2-Nitropropane	10.0	11.9	119	3.6		20	48- 142	
n-Propylbenzene	10.0	9.10	91	2.2		20	49- 138	
1,1,1,2-Tetrachloroethane	10.0	12.1	121	4.2		20	55- 142	
Tetrahydrofuran	50.0	77.6	155*	3.0		20	40- 150	a
1,2,3-Trichlorobenzene	10.0	14.8	148*	3.2		20	45- 143	a
1,2,4-Trichlorobenzene	10.0	13.0	130	5.5		20	46- 138	
Trichlorofluoromethane	10.0	12.5	125	0.88		20	60- 142	
1,3,5-Trimethylbenzene	10.0	9.45	95	1.8		20	48- 136	
1-Butanol	100	114	114	81	*	20	15- 150	p
Acetonitrile	50.0	73.6	147	7.2		20	27- 150	
Ethyl acetate	20.0	73.5	367*	1.7		20	26- 150	a
2-Chloroethyl vinyl ether	10.0	0.0	0*	0.0		20	10- 150	a
Iodomethane	10.0	15.3	153*	3.7		20	20- 150	a
Vinyl acetate	10.0	0.0	0*	0.0		20	20- 150	a
Acrolein	50.0	26.4	53	27	*	20	20- 150	p
Acrylonitrile	50.0	76.9	154*	1.7		20	62- 150	a
Cyclohexane	10.0	13.9	139*	10		20	20- 137	a
Isobutanol	200	282	141	2.3		20	21- 150	
Methacrylonitrile	50.0	82.8	166*	0.41		20	57- 150	a

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: F7L190135 WO #: KEE911AD
BATCH: 7360149

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
Methylcyclohexane	10.0	12.3	123	49	*	20	51- 150	p
Propionitrile	50.0	78.9	158*	4.3		20	49- 150	a
1,4-Dioxane	200	222	111	0.36		20	25- 150	
Pentachloroethane	10.0	12.4	124	5.2		20	29- 150	
Methyl acetate	10.0	9.97	100	0.070		20	32- 150	
2-Chloro-1,3-butadiene	10.0	13.4	134	3.6		20	59- 150	

NOTES(S):

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 8 out of 90 outside limits
Spike Recovery: 17 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L260000 WO #: KERR91AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
cis-1,3-Dichloropropene	10.0	11.2	112	84- 127	
Chlorodibromomethane	10.0	11.4	114	69- 136	
Chloromethane	10.0	7.97	80	65- 135	
Vinyl chloride	10.0	8.70	87	67- 138	
Bromomethane	10.0	11.2	112	38- 140	
Chloroethane	10.0	8.12	81	64- 139	
Acetone	10.0	9.46	95	46- 133	
1,1-Dichloroethene	10.0	9.62	96	61- 130	
Dichloromethane	10.0	10.4	104	74- 139	
Carbon disulfide	10.0	10.2	102	40- 140	
1,1-Dichloroethane	10.0	9.83	98	83- 115	
Methyl ethyl ketone	10.0	9.74	97	30- 140	
1,2-Dichloroethene (total	20.0	19.8	99	85- 118	
Chloroform	10.0	9.81	98	84- 117	
1,1,1-Trichloroethane	10.0	9.70	97	81- 120	
Carbon tetrachloride	10.0	10.4	104	73- 132	
1,2-Dichloroethane	10.0	10.4	104	78- 121	
Benzene	10.0	9.84	98	84- 117	
Trichloroethene	10.0	10.2	102	78- 120	
1,2-Dichloropropane	10.0	10.2	102	81- 120	
Bromodichloromethane	10.0	11.0	110	84- 123	
1,1,2-Trichloroethane	10.0	10.3	103	75- 122	
trans-1,3-Dichloropropene	10.0	11.0	110	85- 126	
Toluene	10.0	9.55	95	82- 123	
m-Xylene & p-Xylene	20.0	18.9	94	85- 121	
o-Xylene	10.0	10.2	102	85- 125	
1,3-Dichlorobenzene	10.0	9.44	94	85- 115	
1,4-Dichlorobenzene	10.0	9.27	93	85- 115	
2-Hexanone	10.0	10.6	106	59- 135	
4-Methyl-2-pentanone	10.0	12.6	126	59- 140	
Chlorobenzene	10.0	9.98	100	84- 116	

(Continued on next page)

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L260000 WO #: KERR91AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Bromoform	10.0	11.4	114	78- 127	
Ethylbenzene	10.0	9.38	94	85- 126	
Styrene	10.0	9.42	94	85- 125	
1,1,2,2-Tetrachloroethane	10.0	10.0	100	70- 125	
Tetrachloroethene	10.0	9.73	97	64- 127	
1,2-Dichlorobenzene	10.0	9.52	95	85- 115	
Bromobenzene	10.0	9.59	96	85- 115	
Chlorobromomethane	10.0	10.6	106	66- 153	
n-Butylbenzene	10.0	8.80	88	68- 136	
sec-Butylbenzene	10.0	8.69	87	78- 131	
tert-Butylbenzene	10.0	8.73	87	74- 129	
Allyl chloride	10.0	9.75	97	57- 136	
2-Chlorotoluene	10.0	8.93	89	79- 125	
4-Chlorotoluene	10.0	9.07	91	82- 126	
Cyclohexanone	100	66.8	67	24- 140	
1,2-Dibromo-3-chloropropa	10.0	9.59	96	58- 132	
1,2-Dibromoethane (EDB)	10.0	10.2	102	71- 130	
trans-1,4-Dichloro-2-bute	10.0	10.5	105	51- 133	
Dichlorodifluoromethane (	10.0	8.67	87	36- 140	
cis-1,2-Dichloroethene	10.0	10.0	100	85- 121	
trans-1,2-Dichloroethene	10.0	9.76	98	81- 118	
1,3-Dichloropropane	10.0	10.6	106	79- 123	
2,2-Dichloropropane	10.0	9.46	95	76- 124	
1,1-Dichloropropene	10.0	9.74	97	85- 122	
Ethyl methacrylate	10.0	9.58	96	64- 121	
1,1,2-Trichloro-1,2,2-tri	10.0	10.2	102	57- 134	
Hexachlorobutadiene	10.0	9.12	91	66- 137	
n-Hexane	10.0	9.91	99	53- 140	
Isopropylbenzene	10.0	8.49	85	75- 135	
p-Isopropyltoluene	10.0	8.88	89	74- 128	
Methyl methacrylate	10.0	11.7	117	56- 131	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L260000 WO #: KERR91AC
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Methyl tert-butyl ether	10.0	11.8	118	68- 133	
Naphthalene	10.0	12.1	121	58- 132	
2-Nitropropane	10.0	10.4	104	65- 133	
n-Propylbenzene	10.0	8.60	86	72- 136	
1,1,1,2-Tetrachloroethane	10.0	10.2	102	80- 122	
Tetrahydrofuran	50.0	60.1	120	60- 140	
1,2,3-Trichlorobenzene	10.0	13.4	134*	71- 130	a
1,2,4-Trichlorobenzene	10.0	11.8	118	74- 123	
Trichlorofluoromethane	10.0	8.42	84	71- 133	
1,3,5-Trimethylbenzene	10.0	8.95	90	73- 128	
Ethyl ether	20.0	23.2	116	62- 137	
1-Butanol	100	143	143*	20- 140	a
Acetonitrile	50.0	52.8	106	44- 135	
Ethyl acetate	20.0	56.3	281*	40- 140	a
2-Chloroethyl vinyl ether	10.0	9.03	90	18- 140	
Iodomethane	10.0	8.41	84	33- 140	
Vinyl acetate	10.0	12.8	128	23- 140	
Acrolein	50.0	55.0	110	20- 140	
Acrylonitrile	50.0	59.2	118	73- 136	
Cyclohexane	10.0	10.2	102	24- 140	
Isobutanol	200	203	101	50- 140	
Methacrylonitrile	50.0	60.0	120	65- 140	
Methylcyclohexane	10.0	9.74	97	68- 140	
Propionitrile	50.0	55.4	111	64- 139	
1,4-Dioxane	200	159	80	48- 140	
Pentachloroethane	10.0	11.1	111	49- 140	
Methyl acetate	10.0	8.49	85	38- 140	
2-Chloro-1,3-butadiene	10.0	9.95	100	71- 140	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 3 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L280000 WO #: KEWA41AC
BATCH: 7362155

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
cis-1,3-Dichloropropene	10.0	11.6	116	84- 127	
Dibromochloromethane	10.0	11.9	119	69- 136	
Chloromethane	10.0	8.54	85	65- 135	
Vinyl chloride	10.0	9.46	95	67- 138	
Bromomethane	10.0	11.9	119	38- 140	
Chloroethane	10.0	11.4	114	64- 139	
Acetone	10.0	9.24	92	46- 133	
1,1-Dichloroethene	10.0	9.53	95	61- 130	
Methylene chloride	10.0	11.6	116	74- 139	
Carbon disulfide	10.0	10.8	108	40- 140	
1,1-Dichloroethane	10.0	10.1	101	83- 115	
2-Butanone	10.0	9.21	92	30- 140	
1,2-Dichloroethene (total	20.0	20.2	101	85- 118	
Chloroform	10.0	10.3	103	84- 117	
1,1,1-Trichloroethane	10.0	9.93	99	81- 120	
Carbon tetrachloride	10.0	10.5	105	73- 132	
1,2-Dichloroethane	10.0	10.5	105	78- 121	
Benzene	10.0	9.97	100	84- 117	
Trichloroethene	10.0	10.1	101	78- 120	
1,2-Dichloropropane	10.0	10.7	107	81- 120	
Bromodichloromethane	10.0	11.2	112	84- 123	
1,1,2-Trichloroethane	10.0	10.5	105	75- 122	
trans-1,3-Dichloropropene	10.0	11.7	117	85- 126	
Toluene	10.0	9.52	95	82- 123	
m-Xylene & p-Xylene	20.0	18.9	94	85- 121	
o-Xylene	10.0	10.0	100	85- 125	
1,3-Dichlorobenzene	10.0	9.68	97	85- 115	
1,4-Dichlorobenzene	10.0	9.37	94	85- 115	
2-Hexanone	10.0	10.5	105	59- 135	
4-Methyl-2-pentanone	10.0	11.7	117	59- 140	
Chlorobenzene	10.0	10.0	100	84- 116	

(Continued on next page)

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L280000 WO #: KEWA41AC
BATCH: 7362155

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Bromoform	10.0	11.3	113	78- 127	
Ethylbenzene	10.0	9.48	95	85- 126	
Styrene	10.0	9.59	96	85- 125	
1,1,2,2-Tetrachloroethane	10.0	10.3	103	70- 125	
Tetrachloroethene	10.0	9.76	98	64- 127	
1,2-Dichlorobenzene	10.0	9.73	97	85- 115	
Bromobenzene	10.0	9.86	99	85- 115	
Bromochloromethane	10.0	11.5	115	66- 153	
n-Butylbenzene	10.0	9.05	91	68- 136	
sec-Butylbenzene	10.0	8.78	88	78- 131	
tert-Butylbenzene	10.0	8.88	89	74- 129	
Allyl chloride	10.0	9.75	98	57- 136	
2-Chlorotoluene	10.0	9.16	92	79- 125	
4-Chlorotoluene	10.0	9.34	93	82- 126	
Cyclohexanone	100	101	101	24- 140	
1,2-Dibromo-3-chloropropa	10.0	11.0	110	58- 132	
1,2-Dibromoethane (EDB)	10.0	10.9	109	71- 130	
trans-1,4-Dichloro-2-bute	10.0	10.8	108	51- 133	
Dichlorodifluoromethane (	10.0	9.28	93	36- 140	
cis-1,2-Dichloroethene	10.0	10.4	104	85- 121	
trans-1,2-Dichloroethene	10.0	9.77	98	81- 118	
1,3-Dichloropropane	10.0	10.6	106	79- 123	
2,2-Dichloropropane	10.0	10.1	101	76- 124	
1,1-Dichloropropene	10.0	10.1	101	85- 122	
Ethyl methacrylate	10.0	10.4	104	64- 121	
Freon 113	10.0	10.8	108	57- 134	
Hexachlorobutadiene	10.0	9.89	99	66- 137	
n-Hexane	10.0	11.6	116	53- 140	
Isopropylbenzene	10.0	8.58	86	75- 135	
4-Isopropyltoluene	10.0	8.98	90	74- 128	
Methyl methacrylate	10.0	12.2	122	56- 131	

(Continued on next page)

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L280000 WO #: KEWA41AC
BATCH: 7362155

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Methyl tert-butyl ether (	10.0	11.7	117	68- 133	
Naphthalene	10.0	13.6	136*	58- 132	a
2-Nitropropane	10.0	10.7	107	65- 133	
n-Propylbenzene	10.0	8.77	88	72- 136	
1,1,1,2-Tetrachloroethane	10.0	10.4	104	80- 122	
Tetrahydrofuran	50.0	59.3	119	60- 140	
1,2,3-Trichlorobenzene	10.0	14.3	143*	71- 130	a
1,2,4-Trichlorobenzene	10.0	12.7	127*	74- 123	a
Trichlorofluoromethane	10.0	9.21	92	71- 133	
1,3,5-Trimethylbenzene	10.0	8.94	89	73- 128	
Ethyl ether	20.0	23.6	118	62- 137	
1-Butanol	100	141	141*	20- 140	a
Acetonitrile	50.0	55.5	111	44- 135	
Ethyl acetate	20.0	52.7	264*	40- 140	a
2-Chloroethyl vinyl ether	10.0	6.97	70	18- 140	
Iodomethane	10.0	8.27	83	33- 140	
Vinyl acetate	10.0	12.7	127	23- 140	
Acrolein	50.0	45.4	91	20- 140	
Acrylonitrile	50.0	58.6	117	73- 136	
Cyclohexane	10.0	10.4	104	24- 140	
Isobutanol	200	221	111	50- 140	
Methacrylonitrile	50.0	76.1	152*	65- 140	a
Methylcyclohexane	10.0	10.0	100	68- 140	
Propionitrile	50.0	63.3	127	64- 139	
1,4-Dioxane	200	180	90	48- 140	
Pentachloroethane	10.0	11.2	112	49- 140	
Methyl acetate	10.0	7.36	74	38- 140	
2-Chloro-1,3-butadiene	10.0	9.72	97	71- 140	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 6 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F8A020000 WO #: KE00W1AC
BATCH: 8002105

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
cis-1,3-Dichloropropene	10.0	10.8	108	84- 127	
Dibromochloromethane	10.0	10.9	109	69- 136	
Chloromethane	10.0	7.51	75	65- 135	
Vinyl chloride	10.0	8.70	87	67- 138	
Bromomethane	10.0	14.1	141*	38- 140	a
Chloroethane	10.0	10.9	109	64- 139	
Acetone	10.0	12.1	121	46- 133	
1,1-Dichloroethene	10.0	9.29	93	61- 130	
Methylene chloride	10.0	10.6	106	74- 139	
Carbon disulfide	10.0	10.3	103	40- 140	
1,1-Dichloroethane	10.0	9.79	98	83- 115	
2-Butanone	10.0	8.31	83	30- 140	
1,2-Dichloroethene (total	20.0	19.8	99	85- 118	
Chloroform	10.0	9.54	95	84- 117	
1,1,1-Trichloroethane	10.0	9.22	92	81- 120	
Carbon tetrachloride	10.0	9.88	99	73- 132	
1,2-Dichloroethane	10.0	10.4	104	78- 121	
Benzene	10.0	9.78	98	84- 117	
Trichloroethene	10.0	9.61	96	78- 120	
1,2-Dichloropropane	10.0	10.5	105	81- 120	
Bromodichloromethane	10.0	10.7	107	84- 123	
1,1,2-Trichloroethane	10.0	9.91	99	75- 122	
trans-1,3-Dichloropropene	10.0	10.4	104	85- 126	
Toluene	10.0	9.03	90	82- 123	
m-Xylene & p-Xylene	20.0	18.1	90	85- 121	
o-Xylene	10.0	9.39	94	85- 125	
1,3-Dichlorobenzene	10.0	9.22	92	85- 115	
1,4-Dichlorobenzene	10.0	9.18	92	85- 115	
2-Hexanone	10.0	9.86	99	59- 135	
4-Methyl-2-pentanone	10.0	10.4	104	59- 140	
Chlorobenzene	10.0	9.37	94	84- 116	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F8A020000 WO #: KE00W1AC
BATCH: 8002105

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Bromoform	10.0	11.0	110	78- 127	
Ethylbenzene	10.0	8.96	90	85- 126	
Styrene	10.0	9.09	91	85- 125	
1,1,2,2-Tetrachloroethane	10.0	10.0	100	70- 125	
Tetrachloroethene	10.0	9.56	96	64- 127	
1,2-Dichlorobenzene	10.0	9.32	93	85- 115	
Bromobenzene	10.0	9.45	94	85- 115	
Bromochloromethane	10.0	10.7	107	66- 153	
n-Butylbenzene	10.0	8.63	86	68- 136	
sec-Butylbenzene	10.0	8.37	84	78- 131	
tert-Butylbenzene	10.0	8.54	85	74- 129	
Allyl chloride	10.0	9.03	90	57- 136	
2-Chlorotoluene	10.0	8.60	86	79- 125	
4-Chlorotoluene	10.0	8.78	88	82- 126	
Cyclohexanone	100	100	100	24- 140	
1,2-Dibromo-3-chloropropa	10.0	8.54	85	58- 132	
1,2-Dibromoethane (EDB)	10.0	9.94	99	71- 130	
trans-1,4-Dichloro-2-bute	10.0	9.14	91	51- 133	
Dichlorodifluoromethane (	10.0	8.18	82	36- 140	
cis-1,2-Dichloroethene	10.0	10.2	102	85- 121	
trans-1,2-Dichloroethene	10.0	9.63	96	81- 118	
1,3-Dichloropropane	10.0	10.3	103	79- 123	
2,2-Dichloropropane	10.0	9.60	96	76- 124	
1,1-Dichloropropene	10.0	9.73	97	85- 122	
Ethyl methacrylate	10.0	9.73	97	64- 121	
Freon 113	10.0	10.3	103	57- 134	
Hexachlorobutadiene	10.0	9.08	91	66- 137	
n-Hexane	10.0	11.0	110	53- 140	
Isopropylbenzene	10.0	8.26	83	75- 135	
4-Isopropyltoluene	10.0	8.68	87	74- 128	
Methyl methacrylate	10.0	10.1	101	56- 131	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F8A020000 WO #: KE00W1AC
BATCH: 8002105

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Methyl tert-butyl ether (	10.0	11.7	117	68- 133	
Naphthalene	10.0	11.2	112	58- 132	
2-Nitropropane	10.0	9.81	98	65- 133	
n-Propylbenzene	10.0	8.29	83	72- 136	
1,1,1,2-Tetrachloroethane	10.0	9.58	96	80- 122	
Tetrahydrofuran	50.0	57.9	116	60- 140	
1,2,3-Trichlorobenzene	10.0	12.8	128	71- 130	
1,2,4-Trichlorobenzene	10.0	11.8	118	74- 123	
Trichlorofluoromethane	10.0	9.03	90	71- 133	
1,3,5-Trimethylbenzene	10.0	8.54	85	73- 128	
Ethyl ether	20.0	23.1	116	62- 137	
1-Butanol	100	91.7	92	20- 140	
Acetonitrile	50.0	49.9	100	44- 135	
Ethyl acetate	20.0	55.3	276*	40- 140	a
2-Chloroethyl vinyl ether	10.0	5.55	56	18- 140	
Iodomethane	10.0	8.05	81	33- 140	
Vinyl acetate	10.0	13.0	130	23- 140	
Acrolein	50.0	41.8	84	20- 140	
Acrylonitrile	50.0	58.4	117	73- 136	
Cyclohexane	10.0	10.3	103	24- 140	
Isobutanol	200	224	112	50- 140	
Methacrylonitrile	50.0	69.8	140	65- 140	
Methylcyclohexane	10.0	9.72	97	68- 140	
Propionitrile	50.0	62.2	124	64- 139	
1,4-Dioxane	200	150	75	48- 140	
Pentachloroethane	10.0	10.6	106	49- 140	
Methyl acetate	10.0	7.34	73	38- 140	
2-Chloro-1,3-butadiene	10.0	9.13	91	71- 140	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 2 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L260000 WO #: KERR91AD
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Hexachlorobutadiene	10.0	9.73	97	66- 137	
n-Hexane	10.0	11.3	113	53- 140	
Isopropylbenzene	10.0	8.72	87	75- 135	
p-Isopropyltoluene	10.0	9.16	92	74- 128	
Methyl methacrylate	10.0	12.2	122	56- 131	
Methyl tert-butyl ether	10.0	12.0	120	68- 133	
Naphthalene	10.0	12.4	124	58- 132	
2-Nitropropane	10.0	10.6	106	65- 133	
n-Propylbenzene	10.0	8.86	89	72- 136	
1,1,1,2-Tetrachloroethane	10.0	10.4	104	80- 122	
Tetrahydrofuran	50.0	58.2	116	60- 140	
1,2,3-Trichlorobenzene	10.0	13.7	137*	71- 130	a
1,2,4-Trichlorobenzene	10.0	12.2	122	74- 123	
Trichlorofluoromethane	10.0	9.20	92	71- 133	
1,3,5-Trimethylbenzene	10.0	9.06	91	73- 128	
Ethyl ether	20.0	24.0	120	62- 137	
1-Butanol	100	89.8	90	20- 140	p
Acetonitrile	50.0	46.8	94	44- 135	
Ethyl acetate	20.0	58.4	292*	40- 140	a
2-Chloroethyl vinyl ether	10.0	9.03	90	18- 140	
Iodomethane	10.0	9.16	92	33- 140	
Vinyl acetate	10.0	13.6	136	23- 140	
Acrolein	50.0	41.6	83	20- 140	p
Acrylonitrile	50.0	59.8	120	73- 136	
Cyclohexane	10.0	10.6	106	24- 140	
Isobutanol	200	222	111	50- 140	
Methacrylonitrile	50.0	75.1	150*	65- 140	a p
Methylcyclohexane	10.0	10.2	102	68- 140	
Propionitrile	50.0	55.4	111	64- 139	
1,4-Dioxane	200	143	72	48- 140	
Pentachloroethane	10.0	11.1	111	49- 140	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L260000 WO #: KERR91AD
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Methyl acetate	10.0	8.20	82	38- 140	
2-Chloro-1,3-butadiene	10.0	9.98	100	71- 140	
cis-1,3-Dichloropropene	10.0	11.2	112	84- 127	
Chlorodibromomethane	10.0	11.4	114	69- 136	
Chloromethane	10.0	8.87	89	65- 135	
Vinyl chloride	10.0	9.71	97	67- 138	
Bromomethane	10.0	11.8	118	38- 140	
Chloroethane	10.0	8.20	82	64- 139	
Acetone	10.0	8.80	88	46- 133	
1,1-Dichloroethene	10.0	9.83	98	61- 130	
Dichloromethane	10.0	10.9	109	74- 139	
Carbon disulfide	10.0	10.4	104	40- 140	
1,1-Dichloroethane	10.0	9.71	97	83- 115	
Methyl ethyl ketone	10.0	9.36	94	30- 140	
1,2-Dichloroethene (total	20.0	19.9	99	85- 118	
Chloroform	10.0	10.3	103	84- 117	
1,1,1-Trichloroethane	10.0	9.86	99	81- 120	
Carbon tetrachloride	10.0	10.6	106	73- 132	
1,2-Dichloroethane	10.0	10.4	104	78- 121	
Benzene	10.0	9.89	99	84- 117	
Trichloroethene	10.0	10.0	100	78- 120	
1,2-Dichloropropane	10.0	10.6	106	81- 120	
Bromodichloromethane	10.0	11.0	110	84- 123	
1,1,2-Trichloroethane	10.0	10.3	103	75- 122	
trans-1,3-Dichloropropene	10.0	10.5	105	85- 126	
Toluene	10.0	9.46	95	82- 123	
m-Xylene & p-Xylene	20.0	19.0	95	85- 121	
o-Xylene	10.0	9.92	99	85- 125	
1,3-Dichlorobenzene	10.0	9.56	96	85- 115	
1,4-Dichlorobenzene	10.0	9.56	96	85- 115	
2-Hexanone	10.0	9.27	93	59- 135	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L260000 WO #: KERR91AD
BATCH: 7360149

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
4-Methyl-2-pentanone	10.0	11.4	114	59- 140	
Chlorobenzene	10.0	10.0	100	84- 116	
Bromoform	10.0	11.7	117	78- 127	
Ethylbenzene	10.0	9.46	95	85- 126	
Styrene	10.0	9.42	94	85- 125	
1,1,2,2-Tetrachloroethane	10.0	10.2	102	70- 125	
Tetrachloroethene	10.0	9.64	96	64- 127	
1,2-Dichlorobenzene	10.0	9.87	99	85- 115	
Bromobenzene	10.0	9.83	98	85- 115	
Chlorobromomethane	10.0	10.7	107	66- 153	
n-Butylbenzene	10.0	9.06	91	68- 136	
sec-Butylbenzene	10.0	8.89	89	78- 131	
tert-Butylbenzene	10.0	8.94	89	74- 129	
Allyl chloride	10.0	10.2	102	57- 136	
2-Chlorotoluene	10.0	9.01	90	79- 125	
4-Chlorotoluene	10.0	9.33	93	82- 126	
Cyclohexanone	100	74.0	74	24- 140	
1,2-Dibromo-3-chloropropa	10.0	10.8	108	58- 132	
1,2-Dibromoethane (EDB)	10.0	10.6	106	71- 130	
trans-1,4-Dichloro-2-bute	10.0	11.3	113	51- 133	
Dichlorodifluoromethane (	10.0	9.59	96	36- 140	
cis-1,2-Dichloroethene	10.0	10.3	103	85- 121	
trans-1,2-Dichloroethene	10.0	9.59	96	81- 118	
1,3-Dichloropropane	10.0	10.8	108	79- 123	
2,2-Dichloropropane	10.0	9.57	96	76- 124	
1,1-Dichloropropene	10.0	9.80	98	85- 122	
Ethyl methacrylate	10.0	9.87	99	64- 121	
1,1,2-Trichloro-1,2,2-tri	10.0	10.4	104	57- 134	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 3 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L280000 WO #: KEWA41AD
BATCH: 7362155

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
cis-1,3-Dichloropropene	10.0	11.0	110	84- 127	
Dibromochloromethane	10.0	11.0	110	69- 136	
Chloromethane	10.0	8.55	86	65- 135	
Vinyl chloride	10.0	9.22	92	67- 138	
Bromomethane	10.0	11.2	112	38- 140	
Chloroethane	10.0	7.50	75	64- 139	p
Acetone	10.0	9.36	94	46- 133	
1,1-Dichloroethene	10.0	9.74	97	61- 130	
Methylene chloride	10.0	11.7	117	74- 139	
Carbon disulfide	10.0	10.0	100	40- 140	
1,1-Dichloroethane	10.0	9.86	99	83- 115	
2-Butanone	10.0	8.71	87	30- 140	
1,2-Dichloroethene (total	20.0	20.0	100	85- 118	
Chloroform	10.0	9.92	99	84- 117	
1,1,1-Trichloroethane	10.0	9.65	96	81- 120	
Carbon tetrachloride	10.0	10.2	102	73- 132	
1,2-Dichloroethane	10.0	10.5	105	78- 121	
Benzene	10.0	9.76	98	84- 117	
Trichloroethene	10.0	9.78	98	78- 120	
1,2-Dichloropropane	10.0	10.7	107	81- 120	
Bromodichloromethane	10.0	11.1	111	84- 123	
1,1,2-Trichloroethane	10.0	10.0	100	75- 122	
trans-1,3-Dichloropropene	10.0	10.8	108	85- 126	
Toluene	10.0	9.12	91	82- 123	
m-Xylene & p-Xylene	20.0	18.1	90	85- 121	
o-Xylene	10.0	9.58	96	85- 125	
1,3-Dichlorobenzene	10.0	9.40	94	85- 115	
1,4-Dichlorobenzene	10.0	9.31	93	85- 115	
2-Hexanone	10.0	10.1	101	59- 135	
4-Methyl-2-pentanone	10.0	12.1	121	59- 140	
Chlorobenzene	10.0	9.57	96	84- 116	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L280000 WO #: KEWA41AD
BATCH: 7362155

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Bromoform	10.0	11.6	116	78- 127	
Ethylbenzene	10.0	9.02	90	85- 126	
Styrene	10.0	9.22	92	85- 125	
1,1,2,2-Tetrachloroethane	10.0	10.5	105	70- 125	
Tetrachloroethene	10.0	9.26	93	64- 127	
1,2-Dichlorobenzene	10.0	9.70	97	85- 115	
Bromobenzene	10.0	9.68	97	85- 115	
Bromochloromethane	10.0	10.6	106	66- 153	
n-Butylbenzene	10.0	8.73	87	68- 136	
sec-Butylbenzene	10.0	8.45	85	78- 131	
tert-Butylbenzene	10.0	8.62	86	74- 129	
Allyl chloride	10.0	9.51	95	57- 136	
2-Chlorotoluene	10.0	8.98	90	79- 125	
4-Chlorotoluene	10.0	9.04	90	82- 126	
Cyclohexanone	100	71.1	71	24- 140	p
1,2-Dibromo-3-chloropropa	10.0	10.8	108	58- 132	
1,2-Dibromoethane (EDB)	10.0	10.1	101	71- 130	
trans-1,4-Dichloro-2-bute	10.0	10.8	108	51- 133	
Dichlorodifluoromethane (	10.0	8.97	90	36- 140	
cis-1,2-Dichloroethene	10.0	10.6	106	85- 121	
trans-1,2-Dichloroethene	10.0	9.40	94	81- 118	
1,3-Dichloropropane	10.0	10.6	106	79- 123	
2,2-Dichloropropane	10.0	9.55	96	76- 124	
1,1-Dichloropropene	10.0	9.97	100	85- 122	
Ethyl methacrylate	10.0	10.3	103	64- 121	
Freon 113	10.0	10.3	103	57- 134	
Hexachlorobutadiene	10.0	9.38	94	66- 137	
n-Hexane	10.0	11.2	112	53- 140	
Isopropylbenzene	10.0	8.37	84	75- 135	
4-Isopropyltoluene	10.0	8.73	87	74- 128	
Methyl methacrylate	10.0	11.6	116	56- 131	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F7L280000 WO #: KEWA41AD
BATCH: 7362155

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Methyl tert-butyl ether (	10.0	12.3	123	68- 133	
Naphthalene	10.0	12.5	125	58- 132	
2-Nitropropane	10.0	10.2	102	65- 133	
n-Propylbenzene	10.0	8.56	86	72- 136	
1,1,1,2-Tetrachloroethane	10.0	10.1	101	80- 122	
Tetrahydrofuran	50.0	59.9	120	60- 140	
1,2,3-Trichlorobenzene	10.0	14.0	140*	71- 130	a
1,2,4-Trichlorobenzene	10.0	12.3	123	74- 123	
Trichlorofluoromethane	10.0	8.94	89	71- 133	
1,3,5-Trimethylbenzene	10.0	8.78	88	73- 128	
Ethyl ether	20.0	23.5	117	62- 137	
1-Butanol	100	97.4	97	20- 140	p
Acetonitrile	50.0	51.5	103	44- 135	
Ethyl acetate	20.0	54.3	272*	40- 140	a
2-Chloroethyl vinyl ether	10.0	7.46	75	18- 140	
Iodomethane	10.0	8.38	84	33- 140	
Vinyl acetate	10.0	13.4	134	23- 140	
Acrolein	50.0	50.2	100	20- 140	
Acrylonitrile	50.0	59.9	120	73- 136	
Cyclohexane	10.0	10.2	102	24- 140	
Isobutanol	200	217	109	50- 140	
Methacrylonitrile	50.0	65.9	132	65- 140	
Methylcyclohexane	10.0	9.64	96	68- 140	
Propionitrile	50.0	59.7	119	64- 139	
1,4-Dioxane	200	119	59	48- 140	p
Pentachloroethane	10.0	11.0	110	49- 140	
Methyl acetate	10.0	8.43	84	38- 140	
2-Chloro-1,3-butadiene	10.0	9.55	96	71- 140	

NOTES(S):

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 2 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F8A020000 WO #: KE00W1AD
BATCH: 8002105

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
cis-1,3-Dichloropropene	10.0	11.3	113	84- 127	
Dibromochloromethane	10.0	11.5	115	69- 136	
Chloromethane	10.0	7.52	75	65- 135	
Vinyl chloride	10.0	8.79	88	67- 138	
Bromomethane	10.0	12.9	129	38- 140	
Chloroethane	10.0	10.6	106	64- 139	
Acetone	10.0	11.4	114	46- 133	
1,1-Dichloroethene	10.0	9.22	92	61- 130	
Methylene chloride	10.0	10.5	105	74- 139	
Carbon disulfide	10.0	9.96	100	40- 140	
1,1-Dichloroethane	10.0	9.92	99	83- 115	
2-Butanone	10.0	10.2	102	30- 140	
1,2-Dichloroethene (total	20.0	19.4	97	85- 118	
Chloroform	10.0	9.85	98	84- 117	
1,1,1-Trichloroethane	10.0	9.30	93	81- 120	
Carbon tetrachloride	10.0	9.57	96	73- 132	
1,2-Dichloroethane	10.0	10.4	104	78- 121	
Benzene	10.0	9.49	95	84- 117	
Trichloroethene	10.0	9.36	94	78- 120	
1,2-Dichloropropane	10.0	10.5	105	81- 120	
Bromodichloromethane	10.0	10.7	107	84- 123	
1,1,2-Trichloroethane	10.0	9.87	99	75- 122	
trans-1,3-Dichloropropene	10.0	10.4	104	85- 126	
Toluene	10.0	8.65	87	82- 123	
m-Xylene & p-Xylene	20.0	17.4	87	85- 121	
o-Xylene	10.0	9.24	92	85- 125	
1,3-Dichlorobenzene	10.0	9.08	91	85- 115	
1,4-Dichlorobenzene	10.0	8.96	90	85- 115	
2-Hexanone	10.0	10.5	105	59- 135	
4-Methyl-2-pentanone	10.0	11.7	117	59- 140	
Chlorobenzene	10.0	9.34	93	84- 116	

(Continued on next page)

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F8A020000 WO #: KE00W1AD
BATCH: 8002105

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Bromoform	10.0	11.3	113	78- 127	
Ethylbenzene	10.0	8.70	87	85- 126	
Styrene	10.0	9.02	90	85- 125	
1,1,2,2-Tetrachloroethane	10.0	10.2	102	70- 125	
Tetrachloroethene	10.0	9.00	90	64- 127	
1,2-Dichlorobenzene	10.0	9.18	92	85- 115	
Bromobenzene	10.0	9.44	94	85- 115	
Bromochloromethane	10.0	11.0	110	66- 153	
n-Butylbenzene	10.0	8.30	83	68- 136	
sec-Butylbenzene	10.0	8.12	81	78- 131	
tert-Butylbenzene	10.0	8.24	82	74- 129	
Allyl chloride	10.0	9.00	90	57- 136	
2-Chlorotoluene	10.0	8.48	85	79- 125	
4-Chlorotoluene	10.0	8.66	87	82- 126	
Cyclohexanone	100	78.6	79	24- 140	p
1,2-Dibromo-3-chloropropa	10.0	10.4	104	58- 132	
1,2-Dibromoethane (EDB)	10.0	9.92	99	71- 130	
trans-1,4-Dichloro-2-bute	10.0	9.72	97	51- 133	
Dichlorodifluoromethane (	10.0	8.09	81	36- 140	
cis-1,2-Dichloroethene	10.0	10.5	105	85- 121	
trans-1,2-Dichloroethene	10.0	8.84	88	81- 118	
1,3-Dichloropropane	10.0	10.6	106	79- 123	
2,2-Dichloropropane	10.0	9.32	93	76- 124	
1,1-Dichloropropene	10.0	9.36	94	85- 122	
Ethyl methacrylate	10.0	9.33	93	64- 121	
Freon 113	10.0	9.78	98	57- 134	
Hexachlorobutadiene	10.0	8.68	87	66- 137	
n-Hexane	10.0	10.7	107	53- 140	
Isopropylbenzene	10.0	8.00	80	75- 135	
4-Isopropyltoluene	10.0	8.34	83	74- 128	
Methyl methacrylate	10.0	11.7	117	56- 131	

(Continued on next page)

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALSTL SDG No:

Lot #: F8A020000 WO #: KE00W1AD
BATCH: 8002105

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Methyl tert-butyl ether (	10.0	12.2	122	68- 133	
Naphthalene	10.0	11.8	118	58- 132	
2-Nitropropane	10.0	10.1	101	65- 133	
n-Propylbenzene	10.0	8.11	81	72- 136	
1,1,1,2-Tetrachloroethane	10.0	9.92	99	80- 122	
Tetrahydrofuran	50.0	53.6	107	60- 140	
1,2,3-Trichlorobenzene	10.0	12.8	128	71- 130	
1,2,4-Trichlorobenzene	10.0	11.6	116	74- 123	
Trichlorofluoromethane	10.0	8.89	89	71- 133	
1,3,5-Trimethylbenzene	10.0	8.33	83	73- 128	
Ethyl ether	20.0	23.1	116	62- 137	
1-Butanol	100	114	114	20- 140	p
Acetonitrile	50.0	46.1	92	44- 135	
Ethyl acetate	20.0	57.4	287*	40- 140	a
2-Chloroethyl vinyl ether	10.0	5.32	53	18- 140	
Iodomethane	10.0	8.27	83	33- 140	
Vinyl acetate	10.0	13.4	134	23- 140	
Acrolein	50.0	41.1	82	20- 140	
Acrylonitrile	50.0	58.5	117	73- 136	
Cyclohexane	10.0	9.65	97	24- 140	
Isobutanol	200	229	114	50- 140	
Methacrylonitrile	50.0	70.8	142*	65- 140	a
Methylcyclohexane	10.0	9.18	92	68- 140	
Propionitrile	50.0	57.3	115	64- 139	
1,4-Dioxane	200	108	54	48- 140	p
Pentachloroethane	10.0	10.5	105	49- 140	
Methyl acetate	10.0	7.88	79	38- 140	
2-Chloro-1,3-butadiene	10.0	9.26	93	71- 140	

NOTES(S):

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 2 out of 90 outside limits

COMMENTS:

FORM III

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KERR91AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALSTL

SDG Number:

Lab File ID: LBLK7457A

Lot Number: F7L200290

Date Analyzed: 12/24/07

Time Analyzed: 13:31

Matrix: WATER

Date Extracted:12/24/07

GC Column: RTX-VMS ID: .18

Extraction Method: 5030B/8260B

Instrument ID: MSL

Level:(low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	LAB MS/MSD	KEE911AC S	LSMP7476	12/24/07	21:30
02	LAB MS/MSD	KEE911AD D	LSMP7477	12/24/07	21:54
03	INTRA-LAB QC	KEE912AA	LSMP7466	12/24/07	17:13
04	M-5A	KEKNX1AA	LSMP7468	12/24/07	18:03
05	DUPE-1	KEKN81AA	LSMP7469	12/24/07	18:27
06	QCTB	KEKPE1AA	LSMP7464	12/24/07	16:24
07	CHECK SAMPLE	KERR91AC C	LLCS7454A	12/24/07	12:08
08	DUPLICATE CHECK	KERR91AD L	LLCS7455A	12/24/07	12:34
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COMMENTS:

FORM IV

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KEWA41AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALSTL SDG Number:

Lab File ID: LBLK7502 Lot Number: F7L200290

Date Analyzed: 12/27/07 Time Analyzed: 13:37

Matrix: WATER Date Extracted:12/27/07

GC Column: RTX-VMS ID: .18 Extraction Method: 5030B/8260B

Instrument ID: MSL Level:(low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	M-5A	KEKNX2AA	LSMP7513	12/27/07	18:09
02	DUPE-1	KEKN82AA	LSMP7514	12/27/07	18:34
03	CHECK SAMPLE	KEWA41AC C	LLCS7499	12/27/07	12:20
04	DUPLICATE CHECK	KEWA41AD L	LLCS7500	12/27/07	12:46
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COMMENTS:

FORM IV

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KE00W1AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALSTL SDG Number:

Lab File ID: LBLK7561 Lot Number: F7L200290

Date Analyzed: 12/31/07 Time Analyzed: 15:39

Matrix: WATER Date Extracted:12/31/07

GC Column: RTX-VMS ID: .18 Extraction Method: 5030B/8260B

Instrument ID: MSL Level:(low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	M-5A	KEKNX3AA	LSMP7573	12/31/07	20:39
02	DUPE-1	KEKN83AA	LSMP7563	12/31/07	16:28
03	CHECK SAMPLE	KE00W1AC C	LLCS7557	12/31/07	13:04
04	DUPLICATE CHECK	KE00W1AD L	LLCS7558	12/31/07	13:30
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COMMENTS:

FORM IV

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L200290

Lab File ID: LBFB7325 BFB Injection Date: 12/17/07

Instrument ID: MSL BFB Injection Time: 1432

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	26.1
75	30.0 - 60.0% of mass 95	54.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.4
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	73.2
175	5.0 - 9.0% of mass 174	5.1 (7.0)1
176	95.0 - 101.0% of mass 174	71.7 (97.9)1
177	5.0 - 9.0% of mass 176	5.1 (7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD10	VSTD10	LCAL7326	12/17/07	1458
02	VSTD4.0	VSTD4.0	LCAL7327	12/17/07	1524
03	VSTD2.0	VSTD2.0	LCAL7328	12/17/07	1550
04	VSTD1.0	VSTD1.0	LCAL7329	12/17/07	1616
05	VSTD0.5	VSTD0.5	LCAL7330	12/17/07	1642
06	VSTD20	VSTD20	LCAL7331	12/17/07	1707
07	VSTD40	VSTD40	LCAL7332	12/17/07	1733
08	ICV	ICV	LICV7333	12/17/07	1801
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L200290

Lab File ID: LBFB7451 BFB Injection Date: 12/24/07

Instrument ID: MSL BFB Injection Time: 1023

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.0 (0.9)1
174	Greater than 50.0% of mass 95	106.9
175	5.0 - 9.0% of mass 174	7.7 (7.2)1
176	95.0 - 101.0% of mass 174	105.0 (98.2)1
177	5.0 - 9.0% of mass 176	6.5 (6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD10	VSTD10	LCAL7452	12/24/07	1049
02	VLCSL358A	KERR91AC	LLCS7454A	12/24/07	1208
03	VLCSL358B	KERR91AD	LLCS7455A	12/24/07	1234
04	VBLKL358A	KERR91AA	LBLK7457A	12/24/07	1331
05	QCTB	KEKPE1AA	LSMP7464	12/24/07	1624
06	M-5A	KEKNX1AA	LSMP7468	12/24/07	1803
07	DUPE-1	KEKN81AA	LSMP7469	12/24/07	1827
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L200290

Lab File ID: LBFB7496 BFB Injection Date: 12/27/07

Instrument ID: MSL BFB Injection Time: 1039

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.6
75	30.0 - 60.0% of mass 95	55.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.6 (0.8)1
174	Greater than 50.0% of mass 95	77.8
175	5.0 - 9.0% of mass 174	5.4 (7.0)1
176	95.0 - 101.0% of mass 174	74.8 (96.1)1
177	5.0 - 9.0% of mass 176	4.7 (6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD10	VSTD10	LCAL7498	12/27/07	1133
02	VBLKL361A	KEWA41AC	LLCS7499	12/27/07	1220
03	VLCSL361B	KEWA41AD	LLCS7500	12/27/07	1246
04	VBLKL361A	KEWA41AA	LBLK7502	12/27/07	1337
05	M-5A	KEKNX2AA	LSMP7513	12/27/07	1809
06	DUPE-1	KEKN82AA	LSMP7514	12/27/07	1834
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L200290

Lab File ID: LBFB7553 BFB Injection Date: 12/31/07

Instrument ID: MSL BFB Injection Time: 0933

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.7
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	110.7
175	5.0 - 9.0% of mass 174	7.4 (6.7)1
176	95.0 - 101.0% of mass 174	105.8 (95.6)1
177	5.0 - 9.0% of mass 176	5.4 (5.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD10	VSTD10	LCAL7555	12/31/07	1052
02	VSTD10	VSTD10	LCAL7556	12/31/07	1211
03	VLCSL365A	KE00W1AC	LLCS7557	12/31/07	1304
04	VLCSL365B	KE00W1AD	LLCS7558	12/31/07	1330
05	VBLKL365A	KE00W1AA	LBLK7561	12/31/07	1539
06	DUPE-1	KEKN83AA	LSMP7563	12/31/07	1628
07	M-5A	KEKNX3AA	LSMP7573	12/31/07	2039
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FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L200290

Lab File ID (Standard): LCAL7452 Date Analyzed: 12/24/07

Instrument ID: MSL Time Analyzed: 1049

GC Column: RTX-502.2 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1		IS2(CBZ)		IS3	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1203114	9.67	752404	12.53	317211	14.73
UPPER LIMIT	2406228	10.17	1504808	13.03	634422	15.23
LOWER LIMIT	601557	9.17	376202	12.03	158606	14.23
CLIENT SAMPLE NO.						
VLCSL358A	1325622	9.67	798973	12.53	319212	14.72
VLCSL358B	1372860	9.67	833616	12.53	326363	14.72
VBLKL358A	1001537	9.67	636869	12.53	223634	14.73
QCTB	841455	9.67	550893	12.53	197205	14.73
M-5A	876647	9.67	1156543	12.54	299567	14.72
DUPE-1	975099	9.67	1195711	12.54	325541	14.72

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 = 1,4 Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L200290

Lab File ID (Standard): LCAL7498 Date Analyzed: 12/27/07

Instrument ID: MSL Time Analyzed: 1133

GC Column: RTX-502.2 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1		IS2(CBZ)		IS3	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1414972	9.67	860970	12.53	346015	14.72
UPPER LIMIT	2829944	10.17	1721940	13.03	692030	15.22
LOWER LIMIT	707486	9.17	430485	12.03	173008	14.22
CLIENT SAMPLE NO.						
VBLKL361A	1438158	9.67	874777	12.53	349464	14.72
VLCSL361B	1491966	9.67	916374	12.53	355902	14.72
VBLKL361A	1082088	9.67	682366	12.53	250781	14.73
M-5A	790094	9.67	591485	12.53	189400	14.73
DUPE-1	916349	9.67	666663	12.53	214824	14.73

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 = 1,4 Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L200290

Lab File ID (Standard): LCAL7555 Date Analyzed: 12/31/07

Instrument ID: MSL Time Analyzed: 1052

GC Column: RTX-502.2 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	966287	9.67	594201	12.53	235821	14.72
UPPER LIMIT	1932574	10.17	1188402	13.03	471642	15.22
LOWER LIMIT	483144	9.17	297101	12.03	117911	14.22
CLIENT SAMPLE NO.						
VLCSL365A	1047555	9.67	645580	12.53	253565	14.73
VLCSL365B	1076733	9.67	671078	12.53	261999	14.73
VBLKL365A	724193	9.67	473858	12.53	163364	14.73
DUPE-1	680126	9.67	460479	12.53	152169	14.73
M-5A	542359	9.67	379140	12.53	130562	14.73

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 = 1,4 Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L200290

GC Column: RTX-502.2 ID: 0.25 (mm) Init. Calib. Date(s): 11/16/07 12/17/07

Instrument ID: MSL

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 15.15 S2 : 8.91

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
VSTD10	VSTD10	12/17/07	1458	15.15	8.91
VSTD4.0	VSTD4.0	12/17/07	1524	15.15	8.91
VSTD2.0	VSTD2.0	12/17/07	1550	15.16	8.91
VSTD1.0	VSTD1.0	12/17/07	1616	15.16	8.91
VSTD0.5	VSTD0.5	12/17/07	1642	15.16	8.91
VSTD20	VSTD20	12/17/07	1707	15.15	8.91
VSTD40	VSTD40	12/17/07	1733	15.15	8.91
ICV	ICV	12/17/07	1801		8.91
VSTD10	VSTD10	12/24/07	1049		8.91
VLCSL358A	KERR91AC	12/24/07	1208		8.91
VLCSL358B	KERR91AD	12/24/07	1234		8.90
VBLKL358A	KERR91AA	12/24/07	1331		8.91
QCTB	KEKPE1AA	12/24/07	1624		8.91
M-5A	KEKNX1AA	12/24/07	1803		8.91
DUPE-1	KEKN81AA	12/24/07	1827		8.91
VSTD10	VSTD10	12/27/07	1133		8.91
VBLKL361A	KEWA41AC	12/27/07	1220		8.91
VLCSL361B	KEWA41AD	12/27/07	1246		8.91
VBLKL361A	KEWA41AA	12/27/07	1337		8.91
M-5A	KEKNX2AA	12/27/07	1809		8.91
DUPE-1	KEKN82AA	12/27/07	1834		8.91
VSTD10	VSTD10	12/31/07	1052		8.90
VSTD10	VSTD10	12/31/07	1211		8.91
VLCSL365A	KE00W1AC	12/31/07	1304		8.90
VLCSL365B	KE00W1AD	12/31/07	1330		8.91
VBLKL365A	KE00W1AA	12/31/07	1539		8.91
DUPE-1	KEKN83AA	12/31/07	1628		8.91
M-5A	KEKNX3AA	12/31/07	2039		8.91

QC LIMITS
S1 = 1,2-Dichlorobenzene-d4 (+/- 0.50 MINUTES)
S2 = Dibromofluoromethane (+/- 0.50 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L200290

GC Column: RTX-502.2 ID: 0.25 (mm) Init. Calib. Date(s): 11/16/07 12/17/07

Instrument ID: MSL

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S3 : 9.44 S4 : 11.08

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S3 RT #	S4 RT #
VSTD10	VSTD10	12/17/07	1458	9.44	11.08
VSTD4.0	VSTD4.0	12/17/07	1524	9.44	11.09
VSTD2.0	VSTD2.0	12/17/07	1550	9.44	11.09
VSTD1.0	VSTD1.0	12/17/07	1616	9.44	11.09
VSTD0.5	VSTD0.5	12/17/07	1642	9.45	11.10
VSTD20	VSTD20	12/17/07	1707	9.44	11.08
VSTD40	VSTD40	12/17/07	1733	9.44	11.08
ICV	ICV	12/17/07	1801	9.44	11.08
VSTD10	VSTD10	12/24/07	1049	9.44	11.08
VLCSL358A	KERR91AC	12/24/07	1208	9.44	11.08
VLCSL358B	KERR91AD	12/24/07	1234	9.44	11.08
VBLKL358A	KERR91AA	12/24/07	1331	9.44	11.09
QCTB	KEKPE1AA	12/24/07	1624	9.44	11.09
M-5A	KEKNX1AA	12/24/07	1803	9.45	11.09
DUPE-1	KEKN81AA	12/24/07	1827	9.44	11.08
VSTD10	VSTD10	12/27/07	1133	9.44	11.08
VBLKL361A	KEWA41AC	12/27/07	1220	9.44	11.08
VLCSL361B	KEWA41AD	12/27/07	1246	9.44	11.08
VBLKL361A	KEWA41AA	12/27/07	1337	9.44	11.08
M-5A	KEKNX2AA	12/27/07	1809	9.44	11.08
DUPE-1	KEKN82AA	12/27/07	1834	9.44	11.08
VSTD10	VSTD10	12/31/07	1052	9.44	11.08
VSTD10	VSTD10	12/31/07	1211	9.44	11.08
VLCSL365A	KE00W1AC	12/31/07	1304	9.44	11.08
VLCSL365B	KE00W1AD	12/31/07	1330	9.44	11.08
VBLKL365A	KE00W1AA	12/31/07	1539	9.44	11.08
DUPE-1	KEKN83AA	12/31/07	1628	9.44	11.08
M-5A	KEKNX3AA	12/31/07	2039	9.44	11.09

QC LIMITS
S3 = 1,2-Dichloroethane-d4 (+/- 0.50 MINUTES)
S4 = Toluene-d8 (+/- 0.50 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L200290

GC Column: RTX-502.2 ID: 0.25 (mm) Init. Calib. Date(s): 11/16/07 12/17/07

Instrument ID: MSL

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S5 : 13.65

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S5 RT #	RT #
VSTD10	VSTD10	12/17/07	1458	13.65	
VSTD4.0	VSTD4.0	12/17/07	1524	13.65	
VSTD2.0	VSTD2.0	12/17/07	1550	13.65	
VSTD1.0	VSTD1.0	12/17/07	1616	13.65	
VSTD0.5	VSTD0.5	12/17/07	1642	13.65	
VSTD20	VSTD20	12/17/07	1707	13.64	
VSTD40	VSTD40	12/17/07	1733	13.64	
ICV	ICV	12/17/07	1801	13.65	
VSTD10	VSTD10	12/24/07	1049	13.65	
VLCSL358A	KERR91AC	12/24/07	1208	13.64	
VLCSL358B	KERR91AD	12/24/07	1234	13.65	
VBLKL358A	KERR91AA	12/24/07	1331	13.65	
QCTB	KEKPE1AA	12/24/07	1624	13.65	
M-5A	KEKNX1AA	12/24/07	1803	13.65	
DUPE-1	KEKN81AA	12/24/07	1827	13.65	
VSTD10	VSTD10	12/27/07	1133	13.65	
VBLKL361A	KEWA41AC	12/27/07	1220	13.64	
VLCSL361B	KEWA41AD	12/27/07	1246	13.64	
VBLKL361A	KEWA41AA	12/27/07	1337	13.65	
M-5A	KEKNX2AA	12/27/07	1809	13.65	
DUPE-1	KEKN82AA	12/27/07	1834	13.65	
VSTD10	VSTD10	12/31/07	1052	13.64	
VSTD10	VSTD10	12/31/07	1211	13.64	
VLCSL365A	KE00W1AC	12/31/07	1304	13.64	
VLCSL365B	KE00W1AD	12/31/07	1330	13.64	
VBLKL365A	KE00W1AA	12/31/07	1539	13.65	
DUPE-1	KEKN83AA	12/31/07	1628	13.65	
M-5A	KEKNX3AA	12/31/07	2039	13.65	

QC LIMITS
S5 = 4-Bromofluorobenzene (+/- 0.50 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: Contract: 456833

Lab Code: Case No.: SAS No.: SDG No.: F7L200290

GC Column: RTX-502.2 ID: 0.53 (mm) Init. Calib. Date(s):

Instrument ID: MSL

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	RT #	RT #
VBFB	50NG BFB	12/17/07	1432		
VBFB	50NG BFB	12/24/07	1023		
VBFB	50NG BFB	12/27/07	1039		
VBFB	50NG BFB	12/31/07	0933		

QC LIMITS

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

GC/MS STANDARDS DATA

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LBFB7325.D

Date : 17-DEC-2007 14:32

Client ID: VBFB

Instrument: MSL.i

Sample Info: 25ng BFB;L071217A.B

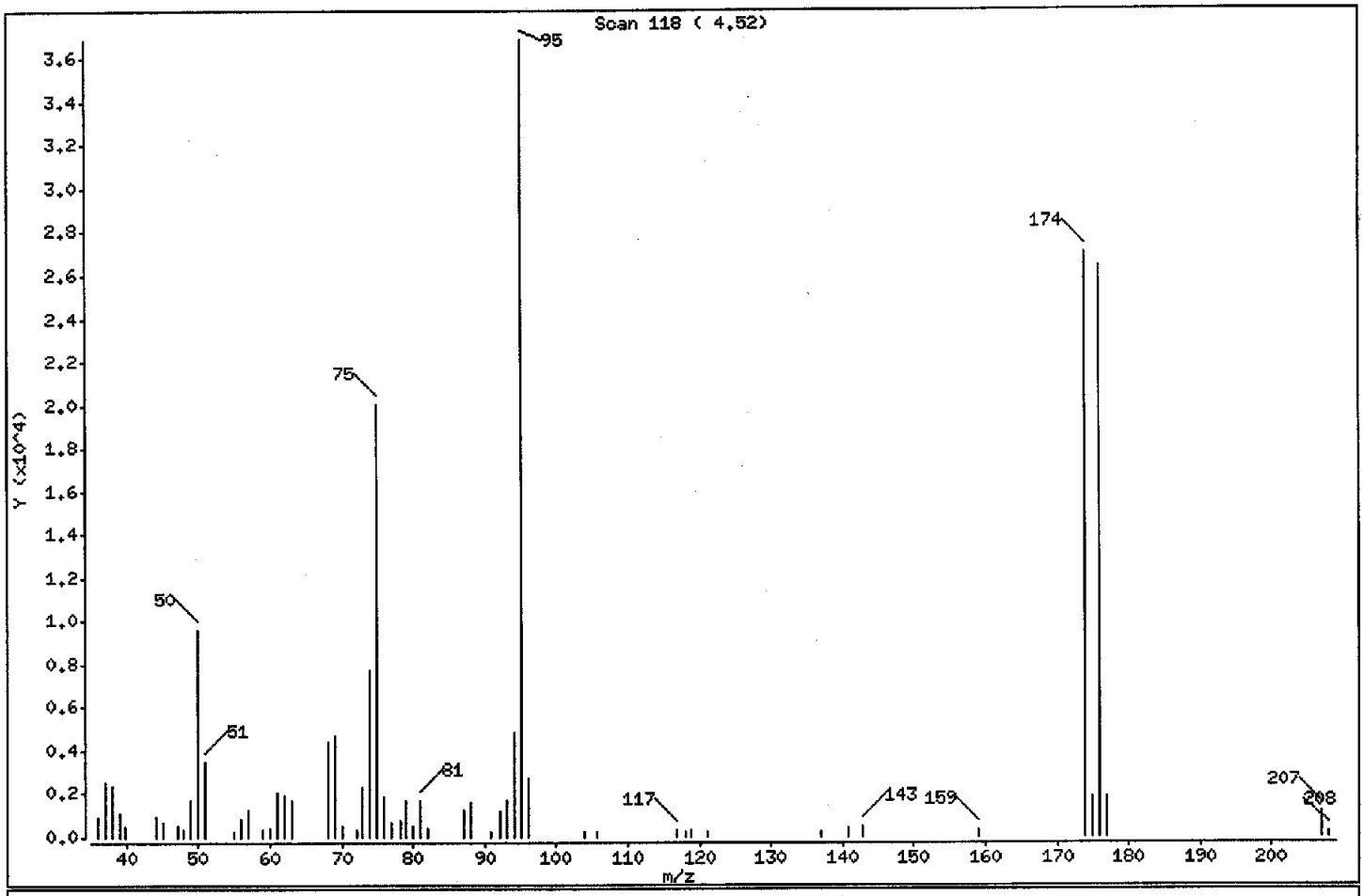
Volume Injected (uL): 1.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	26.09
75	30.00 - 60.00% of mass 95	54.33
96	5.00 - 9.00% of mass 95	7.36
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	73.20
175	5.00 - 9.00% of mass 174	5.14 (7.02)
176	95.00 - 101.00% of mass 174	71.69 (97.93)
177	5.00 - 9.00% of mass 176	5.05 (7.05)

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LBFB7325.D

Date : 17-DEC-2007 14:32

Client ID: VBFB

Instrument: MSL.i

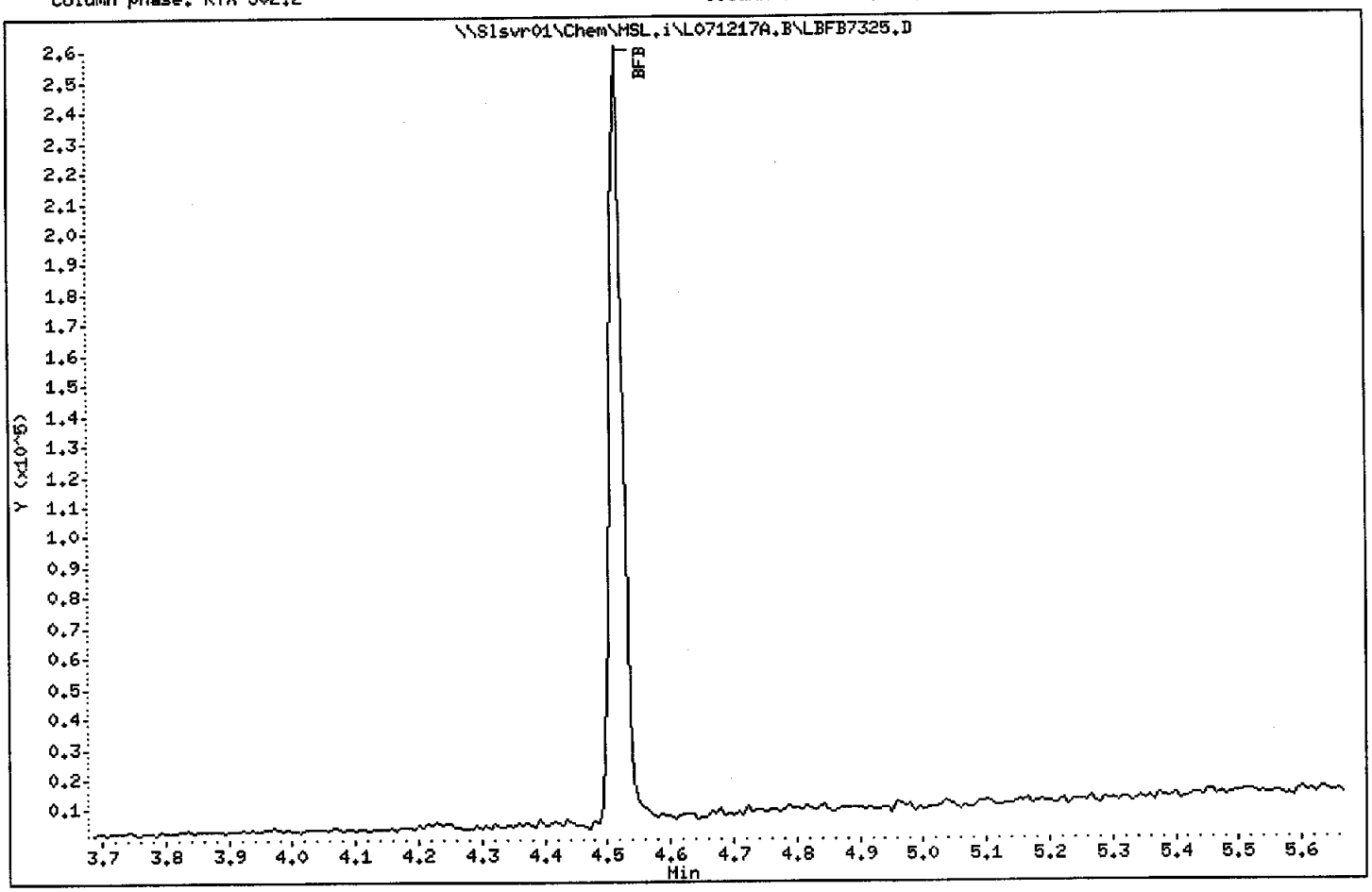
Sample Info: 25ng BFB;L071217A.B

Volume Injected (uL): 1.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53



Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LBFB7325.D

Date : 17-DEC-2007 14:32

Client ID: VBFB

Instrument: MSL.i

Sample Info: 25ng BFB;L071217A.B

Volume Injected (uL): 1.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

Data File: LBFB7325.D
Spectrum: Scan 118 (4.52)
Location of Maximum: 95.00
Number of points: 58

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	941	59.10	338	78.90	1732	118.00	277
37.00	2575	59.90	385	80.00	514	118.90	337
38.00	2414	61.00	2071	80.90	1738	121.00	278
39.10	1087	62.00	1961	81.90	441	137.00	260
39.90	549	63.00	1658	87.00	1292	140.90	466
44.00	898	68.00	4421	88.00	1622	142.90	475
45.10	706	69.00	4677	90.90	287	159.00	345
47.00	541	70.10	472	92.00	1219	173.90	26992
47.90	329	72.00	319	93.00	1698	174.90	1894
49.00	1701	73.00	2280	94.00	4883	175.90	26432
50.00	9619	74.00	7733	95.00	36872	176.90	1863
51.00	3470	75.00	20032	96.00	2714	207.10	1209
55.00	277	76.00	1851	104.00	252	208.00	293
56.00	811	77.00	644	105.80	261		
57.00	1302	78.10	765	116.80	350		

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Calibration File Names:
Level 1: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Level 2: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Level 3: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Level 4: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Level 5: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Level 6: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Level 7: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D

12/18/07

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
1 Dichlorodifluoromethane	0.31631	0.37653	0.32759	0.32403	0.32030	0.28222					
	0.29417						AVRG		0.32016		9.35112
2 Freon-114	0.08140	0.09237	0.07707	0.07240	0.07437	0.06318					
	0.06653						AVRG		0.07533		12.87946
3 Chloromethane	0.73547	0.68153	0.56656	0.54930	0.52920	0.51491					
	0.49790						AVRG		0.58212		15.54470
4 Vinyl Chloride	0.48153	0.61443	0.48754	0.49812	0.46085	0.43021					
	0.47703						AVRG		0.49282		11.76367

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
5 Bromomethane	0.36476	0.20319	0.32961	0.37582	0.33663	0.27394					
	0.28463						AVRG		0.30980		19.44744
6 Chloroethane	0.27077	0.28784	0.26429	0.28382	0.32106	0.29729					
	0.35943						AVRG		0.29779		11.04277
7 Trichlorofluoromethane	0.39013	0.49449	0.43826	0.43574	0.42312	0.40617					
	0.45936						AVRG		0.43532		7.91782
8 Diethyl ether	0.09144	0.09179	0.07749	0.07753	0.07826	0.08348					
	0.08919						AVRG		0.08417		7.82595
9 1,1-Dichloroethene	0.27503	0.25010	0.22013	0.22363	0.22562	0.22243					
	0.25329						AVRG		0.23860		8.84124
10 1,1,2-Trichlorofluoroethane	0.26169	0.28724	0.22873	0.23389	0.22553	0.21208					
	0.23855						AVRG		0.24110		10.50512
11 Carbon Disulfide	0.86913	0.88146	0.73710	0.75464	0.74912	0.71094					
	0.78602						AVRG		0.78406		8.45446

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	40.0000 Level 7											
12 Iodomethane	+++++	+++++	0.06925	0.09015	0.09179	0.06576						
	0.09960						AVRG		0.08331		17.90536	
13 Acrolein	0.00536	0.00533	0.00408	0.00321	0.00395	0.00341						
	0.00413						AVRG		0.00421		20.15595	<-
14 Allyl chloride	0.31868	0.28888	0.24961	0.25583	0.25401	0.24939						
	0.27105						AVRG		0.26964		9.60361	
15 Methylene Chloride	0.29090	0.23260	0.20691	0.20141	0.20593	0.20805						
	0.21203						AVRG		0.22255		14.28234	
16 Acetone	+++++	5172	8241	12355	16710	36533						
	86228						LINR	-0.18709	0.01742		0.99335	
17 trans-1,2-Dichloroethene	0.32196	0.30336	0.26766	0.26491	0.27020	0.27003						
	0.31020						AVRG		0.28690		8.37066	
18 n-Hexane	0.51824	0.57092	0.41357	0.48034	0.51021	0.48859						
	0.56350						AVRG		0.50648		10.56850	

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
19 Methyl Acetate	0.02689	0.02215	0.02216	0.01758	0.02021	0.01911					
	0.02157						AVRG		0.02138		13.82943
20 MTBE	0.28612	0.29175	0.24870	0.23834	0.23337	0.25272					
	0.26484						AVRG		0.25941		8.72079
M 21 1,2-Dichloroethene (total)	0.29357	0.28559	0.24933	0.25072	0.25413	0.25566					
	0.27915						AVRG		0.26688		6.96130
22 Acetonitrile	2916	4976	7826	12180	27580	56460					
	143067						LINR	-0.07599	0.00600		0.99759
23 Acrylonitrile	0.02158	0.02048	0.01859	0.02116	0.02217	0.02400					
	0.02645						AVRG		0.02206		11.50448
24 1,1-Dichloroethane	0.54370	0.55465	0.47766	0.48004	0.47970	0.48186					
	0.52039						AVRG		0.50543		6.63329
25 2-Chloro-1,3-butadiene	0.41646	0.45393	0.37364	0.39071	0.38850	0.38498					
	0.44111						AVRG		0.40705		7.54643

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
26 Vinyl acetate	0.13476	0.11368	0.10494	0.12880	0.13130	0.13745					
	0.14457						AVRG		0.12793		10.85850
27 cis-1,2-Dichloroethene	0.26518	0.26781	0.23099	0.23652	0.23806	0.24129					
	0.24811						AVRG		0.24685		5.83129
28 2,2-Dichloropropane	0.48029	0.46747	0.39263	0.40973	0.39790	0.37821					
	0.42369						AVRG		0.42142		9.17860
29 Bromochloromethane	0.06466	0.06788	0.05496	0.05268	0.05243	0.05266					
	0.05582						AVRG		0.05730		11.04147
30 Cyclohexane	0.44426	0.51305	0.41025	0.42262	0.43021	0.41952					
	0.46403						AVRG		0.44342		8.00105
31 Chloroform	0.45045	0.48153	0.37169	0.37630	0.38125	0.38801					
	0.44818						AVRG		0.41391		10.81233
32 Ethyl acetate	1312	3550	5098	6169	22000	47538					
	112900						LINR	0.05578	0.01214		0.99797

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1 / 40.0000 Level 7	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
33 Carbon Tetrachloride	0.36848	0.35939	0.32218	0.32396	0.31900	0.30652					
	0.36811						AVRG		0.33824		7.72114
34 Isobutanol	0.00496	0.00388	0.00313	0.00340	0.00361	0.00378					
	0.00421						AVRG		0.00385		15.53130
35 Tetrahydrofuran	0.00516	0.00596	0.00529	0.00588	0.00546	0.00604					
	0.00649						AVRG		0.00575		8.24087
37 1,1,1-Trichloroethane	0.43021	0.45230	0.38240	0.38713	0.38362	0.37848					
	0.43428						AVRG		0.40692		7.57150
38 2-Butanone	2212	3807	3429	6732	18655	36597					
	97129						LINR	0.02196	0.02047		0.99517
39 1,1-Dichloropropene	0.39892	0.44384	0.36843	0.37536	0.37896	0.37010					
	0.42526						AVRG		0.39441		7.52310
40 Benzene	1.23269	1.27529	1.11184	1.10298	1.08853	1.08897					
	1.19831						AVRG		1.15695		6.66744

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
41 Propionitrile	0.00836	0.00679	0.00649	0.00654	0.00664	0.00720					
	0.00730						AVRG		0.00705		9.34012
42 Methacrylonitrile	0.02443	0.02821	0.03256	0.03053	0.03383	0.03647					
	0.03935						AVRG		0.03220		15.58606
44 1,2-Dichloroethane	0.15888	0.17713	0.14830	0.14595	0.14672	0.15170					
	0.15874						AVRG		0.15535		7.07223
46 n-Butanol	+++++	+++++	0.00077	0.00094	0.00070	0.00066					
	0.00099						AVRG		0.00081		17.90912
47 Methylcyclohexane	0.44251	0.45920	0.39144	0.39132	0.40518	0.39042					
	0.45885						AVRG		0.41985		7.70901
48 Trichloroethene	0.31529	0.31157	0.26319	0.26393	0.25587	0.25971					
	0.29192						AVRG		0.28021		9.11981
49 Dibromomethane	0.05884	0.05611	0.04877	0.04683	0.04523	0.04615					
	0.04842						AVRG		0.05005		10.54413

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

	Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
		40.0000 Level 7										
	50 1,2-Dichloropropane	0.22153	0.25266	0.21439	0.20577	0.20264	0.21307					
		0.22473						AVRG		0.21925		7.61151
	51 Bromodichloromethane	0.22678	0.22572	0.19084	0.19975	0.20791	0.20522					
		0.21659						AVRG		0.21040		6.34776
M	52 Xylenes (total)	0.88148	0.89769	0.77263	0.82894	0.85377	0.86264					
		1.08062						AVRG		0.88254		10.91180
	53 Methyl methacrylate	0.03802	0.03833	0.03655	0.04261	0.03745	0.04422					
		0.05133						AVRG		0.04122		12.82766
	54 1,4-Dioxane	4150	5680	7552	11489	20213	+++++					
		+++++						LINR	-4.83682	0.00084		0.99429
	55 2-chloroethyl vinyl ether	+++++	0.02641	0.02575	0.02509	0.02619	0.02959					
		0.02969						AVRG		0.02712		7.38839
	56 cis-1,3-Dichloropropene	0.25834	0.24847	0.20006	0.21067	0.19974	0.19795					
		0.20560						AVRG		0.21726		11.60965

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	40.0000 Level 7										
58 Toluene	2.23843	2.35360	1.91058	2.01219	2.02365	1.93919					
	2.19331						AVRG		2.09585		7.96835
59 2-Nitro-Propane	2246	4347	6535	12483	26675	64050					
	168101						LINR	0.04664	0.05913		0.99478
60 4-Methyl-2-pentanone	0.07678	0.09370	0.09036	0.08937	0.08813	0.08787					
	0.09639						AVRG		0.08894		6.96043
61 trans-1,3-Dichloropropene	0.25441	0.25506	0.24399	0.26125	0.24851	0.23381					
	0.24947						AVRG		0.24950		3.54984
62 Tetrachloroethene	14423	25788	47812	83285	191781	374137					
	1011282						LINR	0.00768	0.35188		0.99503
63 Ethyl methacrylate	4346	7012	11137	29569	86256	202828					
	572695						LINR	0.13054	0.20460		0.99229
64 1,1,2-Trichloroethane	0.19893	0.18785	0.13977	0.14462	0.13468	0.13853					
	0.13873						AVRG		0.15473		17.29551

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
65 Chlorodibromomethane	0.15406	0.16233	0.14010	0.14095	0.14703	0.14610					
	0.15056						AVRG		0.14873		5.21851
66 1,3-Dichloropropane	0.30819	0.33354	0.26384	0.27314	0.27333	0.26871					
	0.27373						AVRG		0.28493		9.07427
67 1,2-Dibromoethane	0.14193	0.13075	0.08744	0.11269	0.10600	0.09946					
	0.09178						AVRG		0.11001		18.27486
68 2-Hexanone	2178	2217	6511	10007	26418	61535					
	155815						LINR	0.05120	0.05525		0.99745
69 Ethylbenzene	0.79253	0.81823	0.67909	0.73406	0.74095	0.70236					
	0.80061						AVRG		0.75255		6.99227
71 Chlorobenzene	1.23841	1.24181	0.97958	1.02569	1.00677	0.96924					
	1.04613						AVRG		1.07252		10.94620
72 1,1,1,2-Tetrachloroethane	0.32941	0.31036	0.26098	0.27273	0.27276	0.26909					
	0.29510						AVRG		0.28721		8.77855

Report Date : 18-Dec-2007 12:01

STL St. Louis

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End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
73 m,p-Xylenes	0.93952	0.95451	0.82227	0.87708	0.90699	0.93130					
	1.21703						AVRG		0.94981		13.26641
74 o-Xylene	0.76540	0.78405	0.67335	0.73265	0.74734	0.72532					
	0.80780						AVRG		0.74799		5.85344
75 Styrene	46642	81173	129200	245855	590681	1235291					
	3146172						LINR	0.00894	1.10328		0.99806
76 Bromoform	0.15217	0.17456	0.14599	0.15915	0.15953	0.16496					
	0.16966						AVRG		0.16086		6.12920
77 Isopropylbenzene	5.94636	6.36919	5.36305	5.34008	5.43627	5.14433					
	5.93295						AVRG		5.64746		7.80199
79 n-Propylbenzene	7.94886	8.66422	7.50670	7.44333	7.65836	7.32659					
	8.50686						AVRG		7.86499		6.76097
80 Bromobenzene	0.90794	0.92462	0.75400	0.74929	0.74938	0.74315					
	0.76859						AVRG		0.79957		10.03806

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STL St. Louis

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Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
81 1,1,2,2-Tetrachloroethane	0.46785	0.46836	0.39173	0.39284	0.37404	0.37376					
	0.37398						AVRG		0.40608		10.62918
82 1,3,5-Trimethylbenzene	4.62132	5.18810	4.43784	4.56264	4.63744	4.54656					
	5.48895						AVRG		4.78326		8.24580
83 2-Chlorotoluene	3.93792	4.07833	3.59955	3.59250	3.57604	3.48311					
	4.00835						AVRG		3.75369		6.51382
84 1,2,3-Trichloropropane	0.07736	0.14508	0.10321	0.10433	0.09748	0.10284					
	0.10443						AVRG		0.10496		19.19760
85 trans-1,4-dichloro-2-butene	1446	2705	3738	7659	18448	40479					
	106091						LINR	0.02599	0.09811		0.99651
86 4-Chlorotoluene	3.51140	3.78958	3.37115	3.36829	3.37701	3.35283					
	3.77654						AVRG		3.50668		5.59403
87 Cyclohexanone	2090	3796	5638	11409	21799	31967					
	+++++						QUAD	0.83743	-5.03469	977	0.99543

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
88 t-Butylbenzene	4.27247	4.88735	4.05646	4.02458	4.11100	3.92221					
	4.64782						AVRG		4.27455		8.41218
89 Pentachloroethane	2042	5610	10430	30187	86596	176205					
	436168						LINR	0.04192	0.41105		0.99943
90 1,2,4-Trimethylbenzene	4.79087	4.97039	4.24419	4.39783	4.47420	4.39247					
	5.19312						AVRG		4.63758		7.58232
91 sec-Butylbenzene	7.16119	7.79377	6.57368	6.70920	6.85637	6.41880					
	7.59648						AVRG		7.01564		7.44040
92 4-Isopropyltoluene	5.27314	5.66618	4.98308	5.12561	5.24179	5.03054					
	5.95994						AVRG		5.32575		6.73756
93 1,3-Dichlorobenzene	1.97209	2.09958	1.79117	1.74907	1.73652	1.71263					
	1.82846						AVRG		1.84136		7.76095
95 1,4-Dichlorobenzene	2.09967	2.13003	1.78951	1.67272	1.67782	1.60803					
	1.73281						AVRG		1.81580		11.67340

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
96 n-Butylbenzene	5.15816	6.14421	5.36713	5.40814	5.71816	5.42305					
	6.47510						AVRG		5.67056		8.39172
98 1,2-Dichlorobenzene	1.48664	1.50914	1.26698	1.30197	1.30535	1.27735					
	1.38850						AVRG		1.36228		7.39517
99 1,2-Dibromo-3-chloropropane	0.05987	0.04478	0.03674	0.04267	0.03963	0.03815					
	0.04137						AVRG		0.04332		17.98284
100 Hexachlorobutadiene	0.62098	0.61144	0.55347	0.49592	0.54068	0.45940					
	0.46769						AVRG		0.53565		12.14174
101 1,2,4-Trichlorobenzene	0.49403	0.50717	0.59708	0.68230	0.70037	0.65656					
	0.66448						AVRG		0.61457		13.70621
102 Naphthalene	5135	8490	26508	64564	179298	372824					
	893399						LINR	0.02873	0.84353		0.99984
103 1,2,3-Trichlorobenzene	0.25009	0.27242	0.35059	0.40410	0.40060	0.37387					
	0.35639						AVRG		0.34401		17.54124

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	40.0000 Level 7											
143 Nonanal	1566	2405	7663	23655	68648	152175						
	451667						LINR	0.16190	0.09761		0.99012	
157 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+000		0.000e+000	<-
144 2,2-Dimethylpentane	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+000		0.000e+000	<-
145 2,4-Dimethylpentane	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+000		0.000e+000	<-
146 2,2,3-Trimethylbutane	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+000		0.000e+000	<-
147 3,3-Dimethylpentane	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+000		0.000e+000	<-
148 2-Methylhexane	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+000		0.000e+000	<-

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	40.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
149 2,3-Dimethylpentane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
150 3-Methylhexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
156 3-Ethylpentane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
151 Heptane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
152 Dimethyl Disulfide	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
153 1,3,5-Trichlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
$ 36 Dibromofluoromethane	0.15142	0.14341	0.12958	0.14163	0.14619	0.15157	0.17397	AVRG		0.14825		9.14528	

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Compound	0.5000000 Level 1	1.0000 Level 2	2.0000 Level 3	4.0000 Level 4	10.0000 Level 5	20.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	40.0000 Level 7										
$ 43 1,2-Dichloroethane-d4	0.12458	0.12096	0.11290	0.11270	0.11136	0.11405					
	0.11955						AVRG		0.11659		4.34927
$ 57 Toluene-d8	1.49127	1.54925	1.36786	1.46475	1.50117	1.43821					
	1.65367						AVRG		1.49517		6.01173
$ 78 4-Bromofluorobenzene	1.02239	1.01027	0.93803	0.94012	0.97393	0.93888					
	1.05501						AVRG		0.98266		4.80385
$ 158 1,2-Dichlorobenzene-d4	1.07919	1.37877	1.27338	1.29186	1.31290	1.26591					
	1.40451						AVRG		1.28665		8.19693

Report Date : 18-Dec-2007 12:01

STL St. Louis

INITIAL CALIBRATION DATA

Start Cal Date : 17-DEC-2007 14:58
End Cal Date : 17-DEC-2007 17:33
Quant Method : ISTD
Target Version : 4.10
Integrator : HP RTE
Method file : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Cal Date : 18-Dec-2007 11:26 hongs

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Lab Smp Id: VSTD10 Client Smp ID: VSTD10
Inj Date : 17-DEC-2007 14:58
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD10;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 11:25 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 14:58 Cal File: LCAL7326.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1	Dichlorodifluoromethane	85	3.460	3.460	(0.358)	315159	10.0000	10.00
2	Freon-114	135	3.745	3.745	(0.387)	73176	10.0000	9.872
3	Chloromethane	50	3.902	3.902	(0.403)	520703	10.0000	9.091
4	Vinyl Chloride	62	4.100	4.100	(0.424)	453448	10.0000	9.351
5	Bromomethane	94	4.800	4.800	(0.496)	331227	10.0000	11.47
6	Chloroethane	64	5.028	5.028	(0.520)	315910	10.0000	10.78
7	Trichlorofluoromethane	101	5.279	5.279	(0.546)	416324	10.0000	9.682
8	Diethyl ether	59	5.788	5.788	(0.598)	153998	20.0000	18.60
9	1,1-Dichloroethene	96	6.151	6.151	(0.636)	221994	10.0000	9.456
10	1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	221912	10.0000	9.354
11	Carbon Disulfide	76	6.308	6.308	(0.652)	737099	10.0000	9.554
12	Iodomethane	142	6.439	6.439	(0.666)	90319	10.0000	11.02(M)
13	Acrolein	56	6.623	6.623	(0.685)	19444	50.0000	50.92
14	Allyl chloride	39	6.814	6.814	(0.704)	249934	10.0000	9.420
15	Methylene Chloride	84	6.967	6.967	(0.720)	202627	10.0000	9.253
16	Acetone	43	6.974	6.974	(0.721)	16710	10.0000	7.876(M)
17	trans-1,2-Dichloroethene	96	7.177	7.177	(0.742)	265863	10.0000	9.418
18	n-Hexane	57	7.177	7.177	(0.742)	502018	10.0000	10.07
19	Methyl Acetate	74	7.124	7.124	(0.737)	19888	10.0000	9.453(M)
20	MTBE	73	7.214	7.214	(0.746)	229621	10.0000	9.162
M 21	1,2-Dichloroethene (total)	96				500105	20.0000	19.06
22	Acetonitrile	41	7.562	7.562	(0.782)	27580	50.0000	45.93

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	23 Acrylonitrile	53	7.906	7.906	(0.817)	109060	50.0000	50.24
	24 1,1-Dichloroethane	63	7.876	7.876	(0.814)	472003	10.0000	9.491
	25 2-Chloro-1,3-butadiene	53	7.839	7.839	(0.810)	382263	10.0000	9.544
	26 Vinyl acetate	43	8.082	8.082	(0.836)	129193	10.0000	10.26
	27 cis-1,2-Dichloroethene	96	8.456	8.456	(0.874)	234242	10.0000	9.644
	28 2,2-Dichloropropane	77	8.539	8.539	(0.883)	391514	10.0000	9.442
	29 Bromochloromethane	128	8.700	8.700	(0.899)	51591	10.0000	9.151
	30 Cyclohexane	84	8.666	8.666	(0.896)	423304	10.0000	9.702
	31 Chloroform	83	8.707	8.707	(0.900)	375128	10.0000	9.211
	32 Ethyl acetate	43	8.756	8.756	(0.905)	22000	20.0000	18.98(MH)
	33 Carbon Tetrachloride	117	8.898	8.898	(0.920)	313884	10.0000	9.431
	34 Isobutanol	42	8.894	8.894	(0.920)	71050	200.000	185.0
	35 Tetrahydrofuran	71	8.894	8.894	(0.920)	26856	50.0000	47.44
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	143846	10.0000	9.861
	37 1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	377462	10.0000	9.427
	38 2-Butanone	43	8.965	8.965	(0.927)	18655	10.0000	9.480(M)
	39 1,1-Dichloropropene	75	9.051	9.051	(0.936)	372876	10.0000	9.608
	40 Benzene	78	9.313	9.313	(0.963)	1071056	10.0000	9.409
	41 Propionitrile	54	9.276	9.276	(0.959)	32677	50.0000	47.13
	42 Methacrylonitrile	41	9.291	9.291	(0.961)	166414	50.0000	46.29
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	109572	10.0000	9.552
	44 1,2-Dichloroethane	62	9.512	9.512	(0.983)	144365	10.0000	9.445
*	45 Fluorobenzene	96	9.673	9.673	(1.000)	983948	10.0000	
	46 n-Butanol	56	10.039	10.039	(1.038)	6883	100.000	86.18
	47 Methylcyclohexane	55	9.811	9.811	(1.014)	398679	10.0000	9.651
	48 Trichloroethene	130	9.852	9.852	(1.019)	251765	10.0000	9.131
	49 Dibromomethane	93	10.313	10.313	(1.066)	44505	10.0000	9.037
	50 1,2-Dichloropropane	63	10.324	10.324	(1.067)	199384	10.0000	9.242
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	204568	10.0000	9.881
M	52 Xylenes (total)	106				1443898	30.0000	29.09
	53 Methyl methacrylate	69	10.406	10.406	(1.076)	36851	10.0000	9.086
	54 1,4-Dioxane	88	10.556	10.556	(1.091)	20213	200.000	195.9(M)
	55 2-chloroethyl vinyl ether	63	10.803	10.803	(1.117)	25772	10.0000	9.658(H)
	56 cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	196535	10.0000	9.194
$	57 Toluene-d8	98	11.083	11.083	(0.885)	846256	10.0000	10.04
	58 Toluene	91	11.136	11.136	(0.889)	1140795	10.0000	9.656
	59 2-Nitro-Propane	43	11.300	11.300	(0.902)	26675	10.0000	8.468
	60 4-Methyl-2-pentanone	43	11.360	11.360	(0.907)	49679	10.0000	9.908
	61 trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	140093	10.0000	9.960
	62 Tetrachloroethene	164	11.525	11.525	(0.920)	191781	10.0000	9.745
	63 Ethyl methacrylate	69	11.503	11.503	(0.918)	86256	10.0000	8.784
	64 1,1,2-Trichloroethane	97	11.660	11.660	(0.931)	75922	10.0000	9.638
	65 Chlorodibromomethane	129	11.892	11.892	(0.949)	82887	10.0000	9.886
	66 1,3-Dichloropropane	76	11.910	11.910	(0.951)	154083	10.0000	9.593
	67 1,2-Dibromoethane	107	12.150	12.150	(0.970)	59753	10.0000	9.635
	68 2-Hexanone	43	12.113	12.113	(0.967)	26418	10.0000	8.994(M)
	69 Ethylbenzene	106	12.498	12.498	(0.998)	417694	10.0000	9.846
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	563731	10.0000	
	71 Chlorobenzene	112	12.550	12.550	(1.002)	567548	10.0000	9.387
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	153764	10.0000	9.497
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1022597	20.0000	19.10
	74 o-Xylene	106	13.033	13.033	(1.040)	421301	10.0000	9.991
	75 Styrene	104	13.089	13.089	(1.045)	590681	10.0000	9.587
	76 Bromoform	173	13.254	13.254	(0.900)	33675	10.0000	9.918

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1147509	10.0000	9.626
$ 78	4-Bromofluorobenzene	95	13.647	13.647	(0.927)	205581	10.0000	9.911
79	n-Propylbenzene	91	13.681	13.681	(0.929)	1616557	10.0000	9.737
80	Bromobenzene	156	13.789	13.789	(0.936)	158183	10.0000	9.372
81	1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	78954	10.0000	9.211
82	1,3,5-Trimethylbenzene	105	13.834	13.834	(0.940)	978889	10.0000	9.695
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	754845	10.0000	9.527
84	1,2,3-Trichloropropane	110	13.935	13.935	(0.946)	20576	10.0000	9.287
85	trans-1,4-dichloro-2-butene	53	13.935	13.935	(0.946)	18448	10.0000	9.168
86	4-Chlorotoluene	91	14.051	14.051	(0.954)	712832	10.0000	9.630
87	Cyclohexanone	55	14.010	14.010	(0.951)	21799	100.000	119.9
88	t-Butylbenzene	119	14.160	14.160	(0.962)	867766	10.0000	9.617
89	Pentachloroethane	167	14.279	14.279	(0.970)	86596	10.0000	10.40
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	944432	10.0000	9.648
91	sec-Butylbenzene	105	14.332	14.332	(0.973)	1447270	10.0000	9.773
92	4-Isopropyltoluene	119	14.436	14.436	(0.980)	1106459	10.0000	9.842
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	366551	10.0000	9.431
* 94	1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	211084	10.0000	
95	1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	354162	10.0000	9.240
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1207012	10.0000	10.08
98	1,2-Dichlorobenzene	146	15.162	15.162	(1.030)	275538	10.0000	9.582
99	1,2-Dibromo-3-chloropropane	157	15.975	15.975	(1.085)	8366	10.0000	9.820
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	114129	10.0000	10.09
101	1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	147836	10.0000	11.40
102	Naphthalene	128	17.075	17.075	(1.160)	179298	10.0000	10.36
103	1,2,3-Trichlorobenzene	180	17.292	17.292	(1.174)	84561	10.0000	11.64
143	Nonanal	57	15.743	15.743	(1.628)	68648	10.0000	8.766
$ 158	1,2-Dichlorobenzene-d4	150	15.151	15.151	(1.029)	277133	10.0000	10.20

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

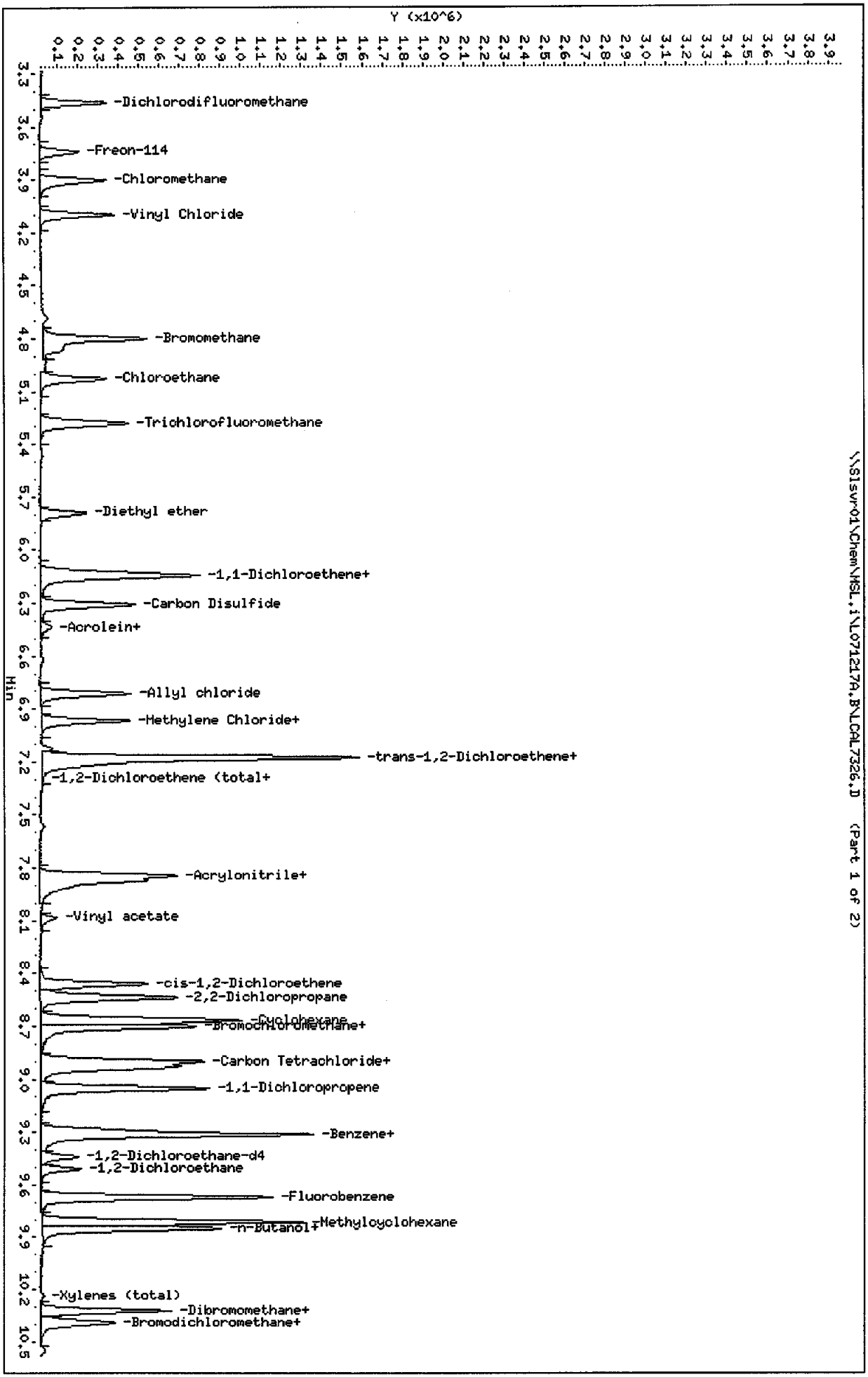
Instrument ID: MSL.i
Lab File ID: LCAL7326.D
Lab Smp Id: VSTD10
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD10
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	983948	0.00
70 Chlorobenzene-d5	563731	281866	1127462	563731	0.00
94 1,4 Dichlorobenze	211084	105542	422168	211084	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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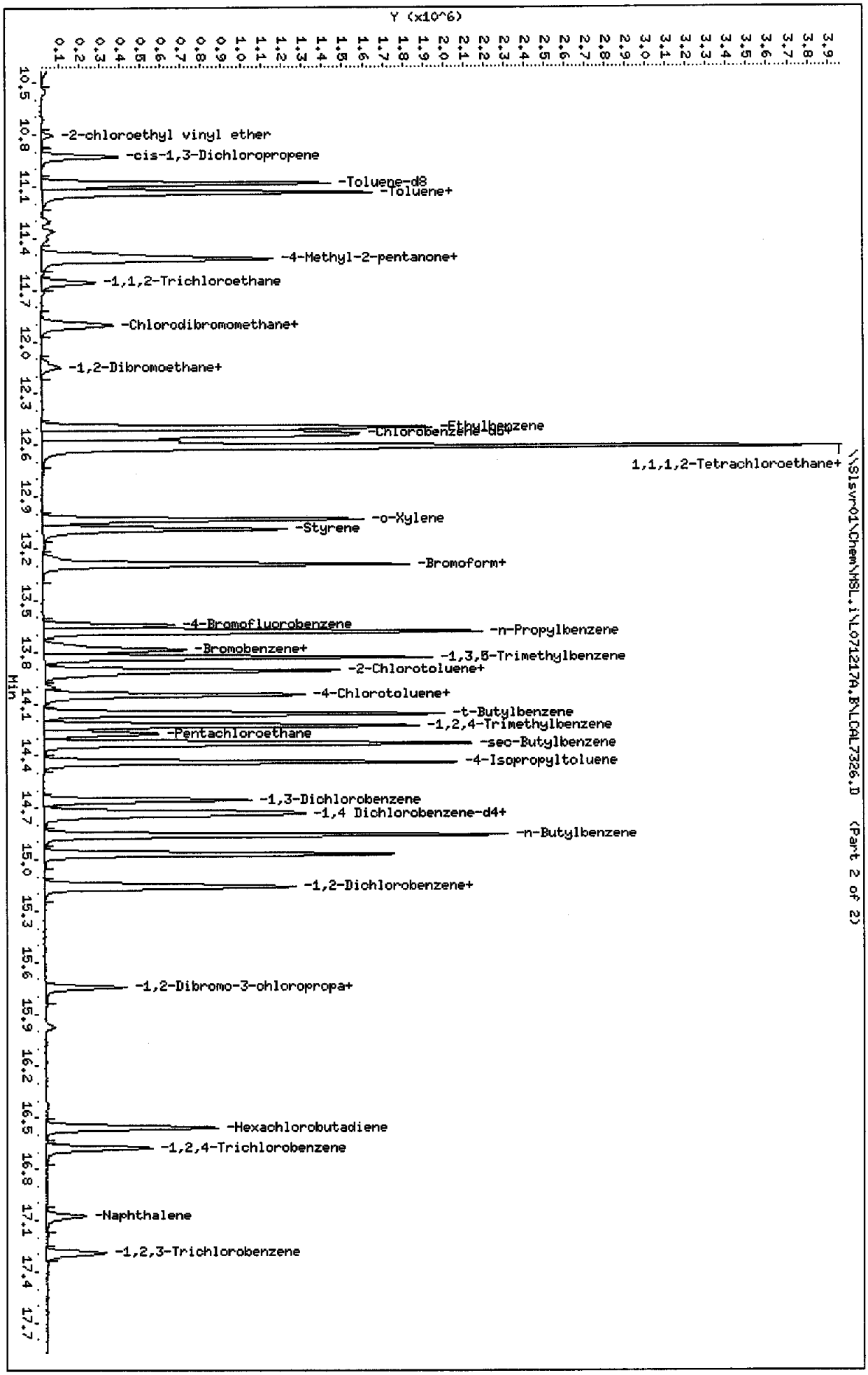
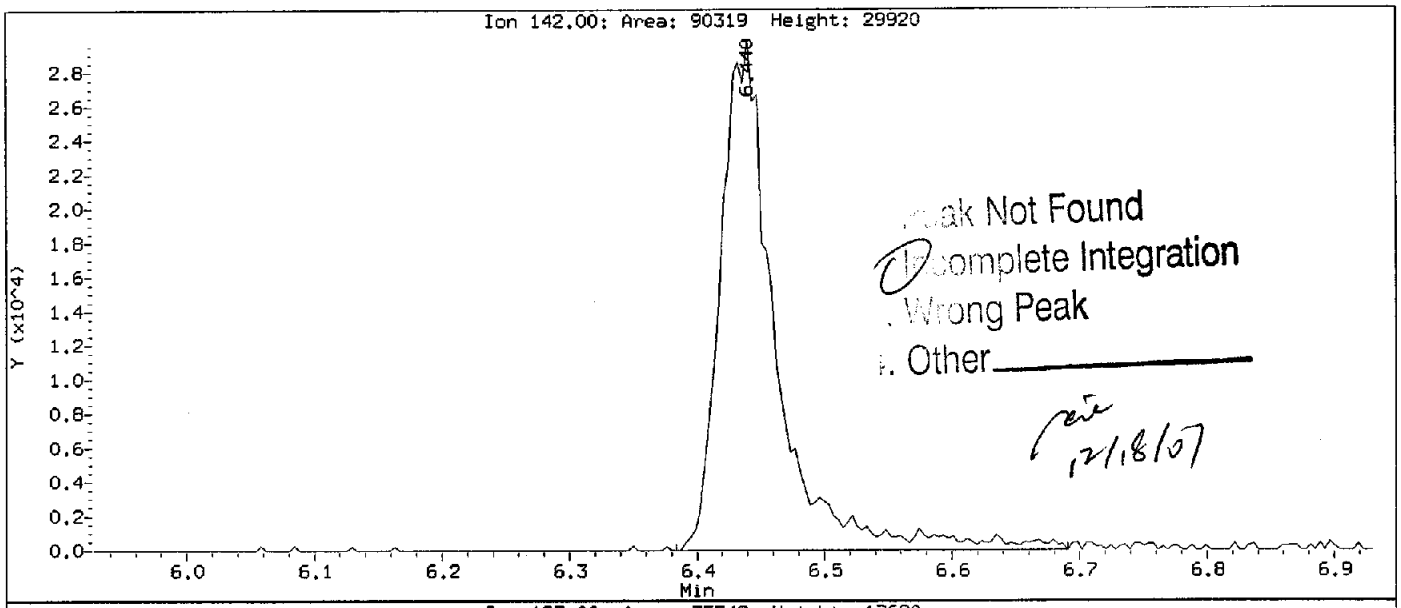
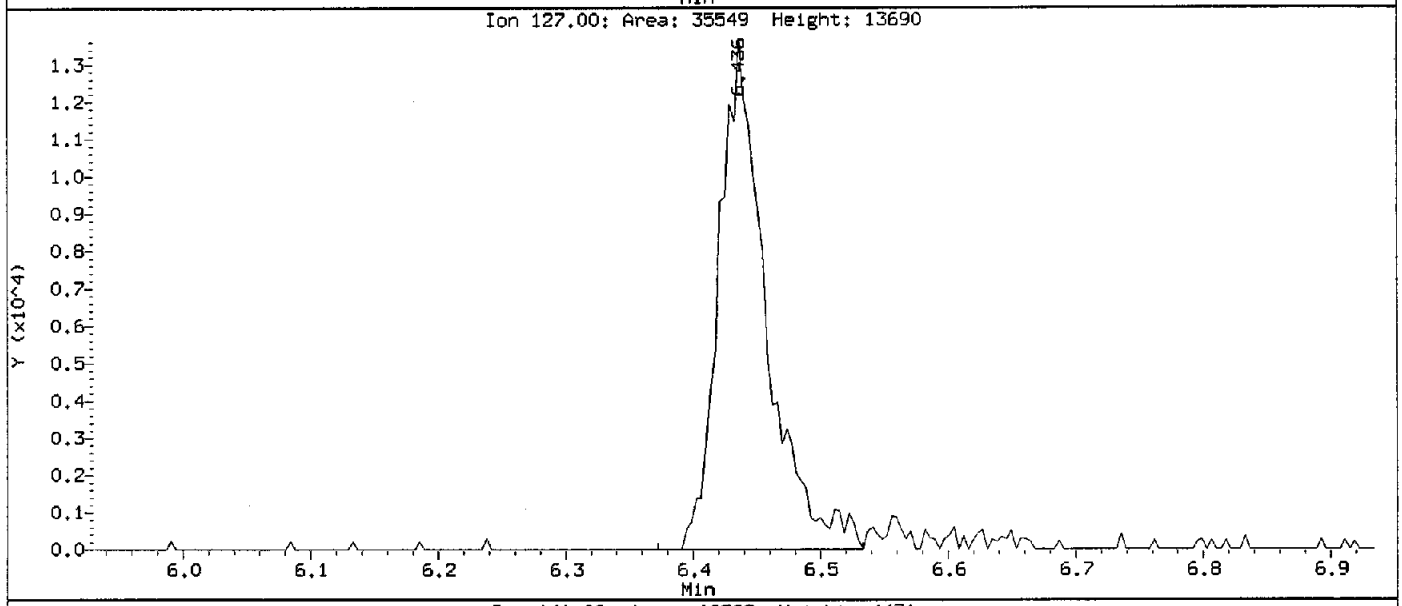
Date : 17-DEC-2007 14:58
Client ID: VSTD10
Sample Info: VSTD10;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Acrolein+
-Allyl chloride
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-n-Butanol+
-Methylcyclohexane
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+

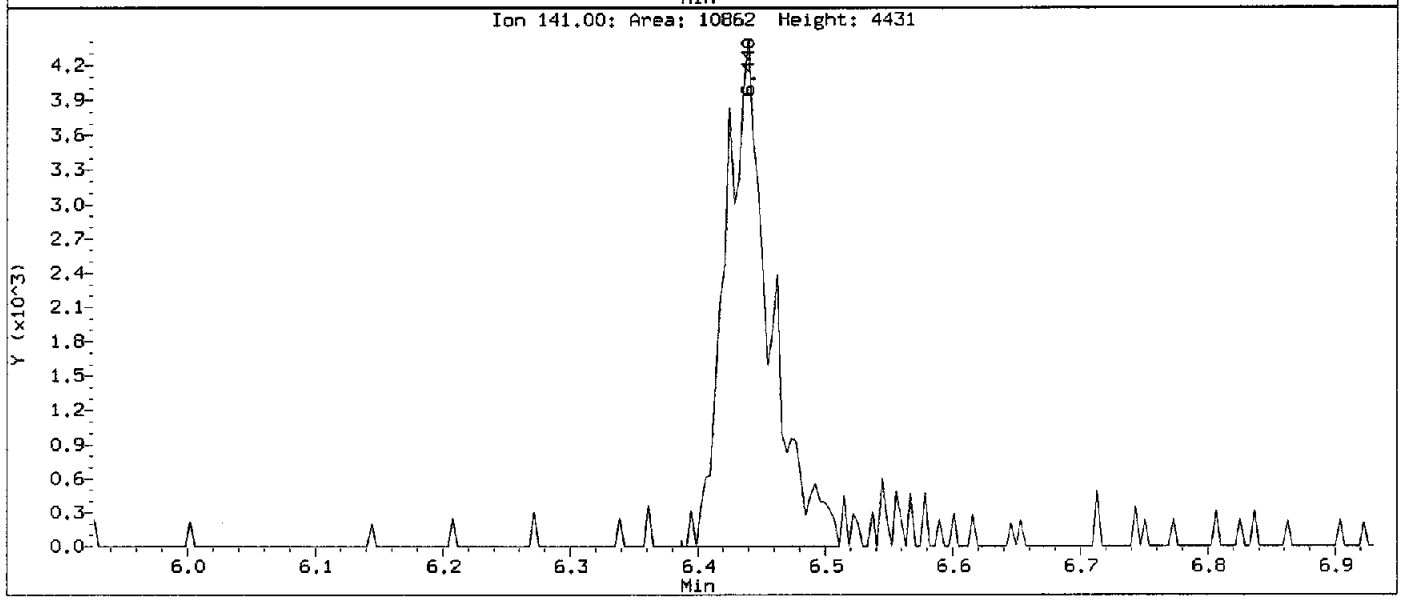

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Date : 17-DEC-2007 14:58
Client ID: VSTD10
Sample Info: VSTD10;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D (Part 2 of 2)
-2-chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-Toluene-d8
-Toluene+
-4-Methyl-2-pentanone+
-1,1,2-Trichloroethane
-Chlorodibromomethane+
-1,2-Dibromoethane+
-Ethylbenzene
-Chlorobenzene-d5
1,1,1,2-Tetrachloroethane+
-o-Xylene
-Styrene
-Bromoform+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-4-Chlorotoluene+
-t-Butylbenzene
-1,2,4-Trimethylbenzene
-Pentachloroethane
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene+
-1,2-Dibromo-3-chloropropa+
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7326.D
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Iodomethane
CAS Number: 74-88-4







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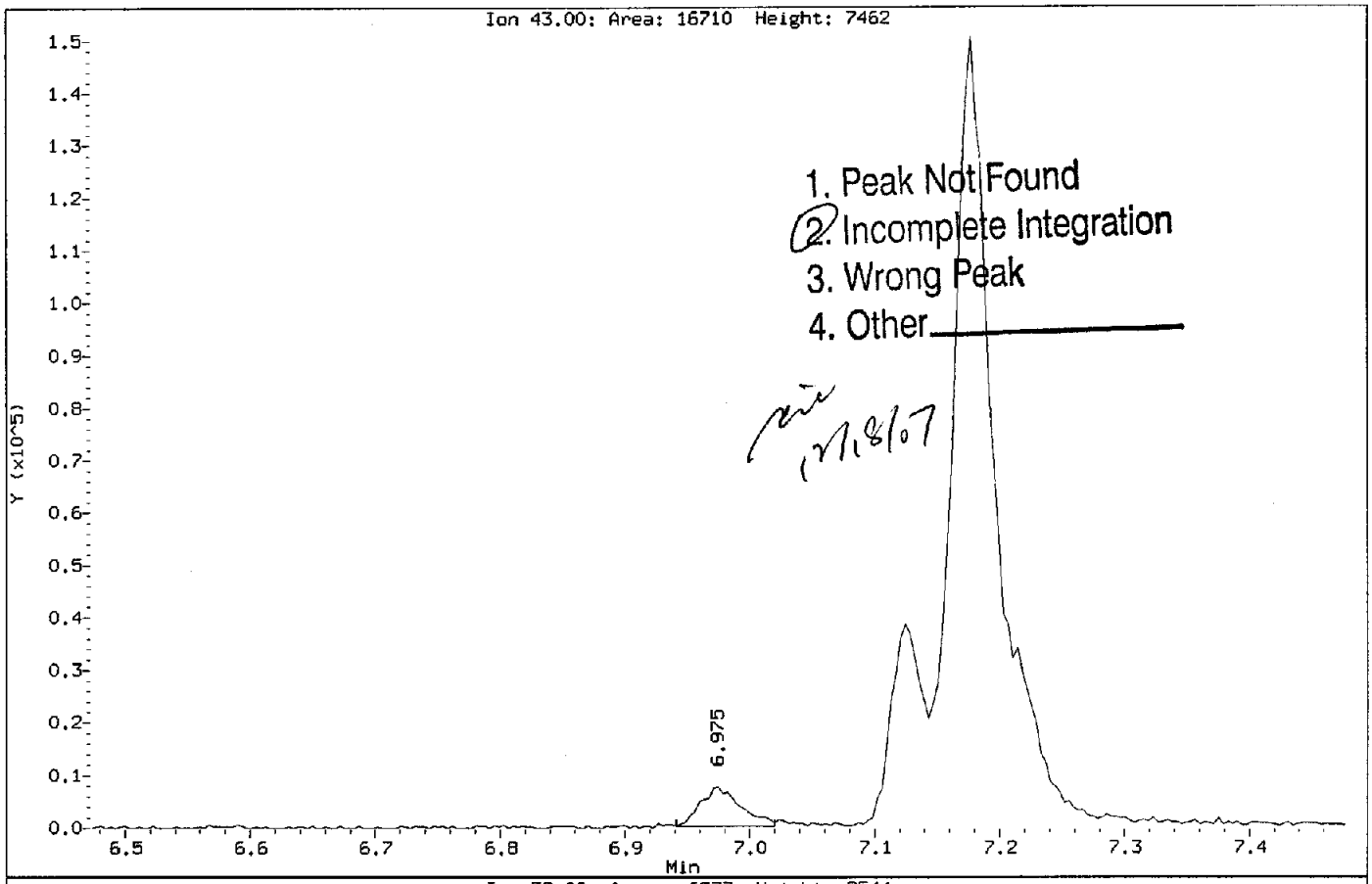
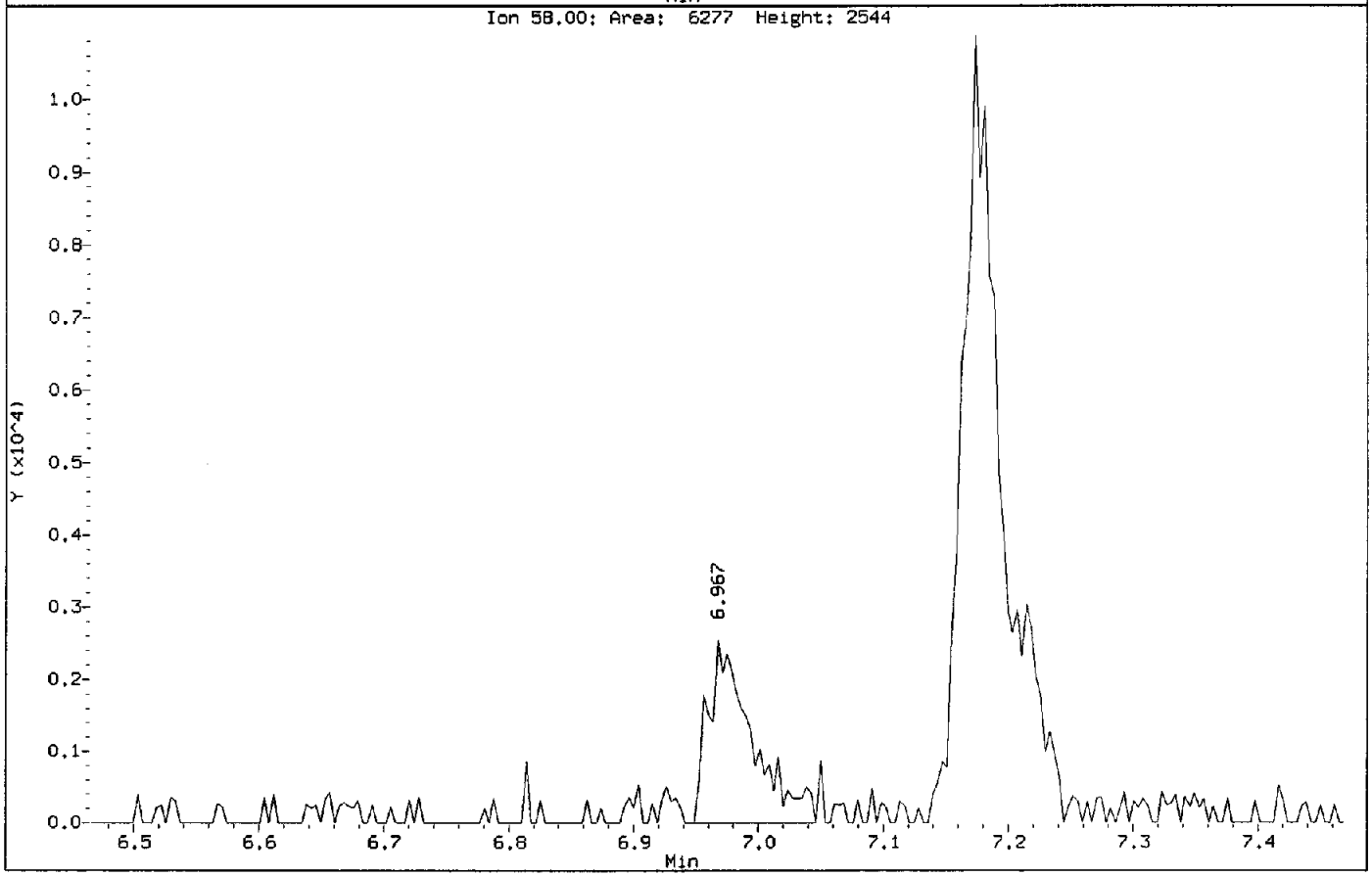
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Acetone
CAS Number: 67-64-1





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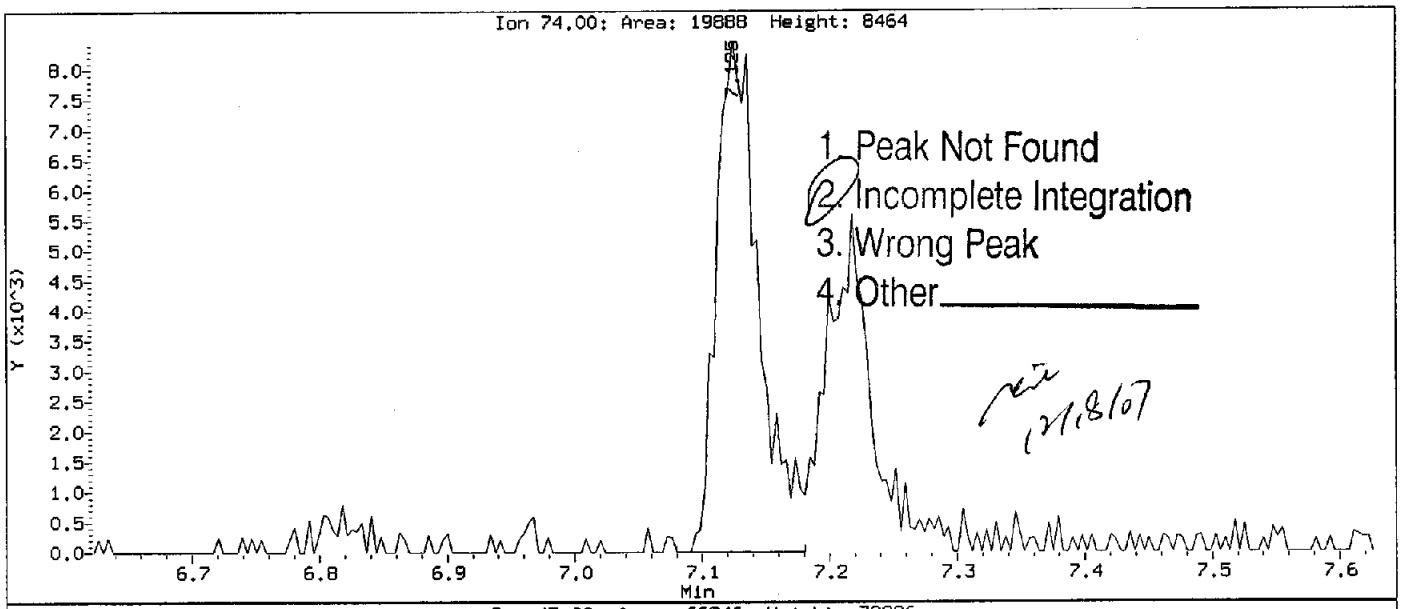
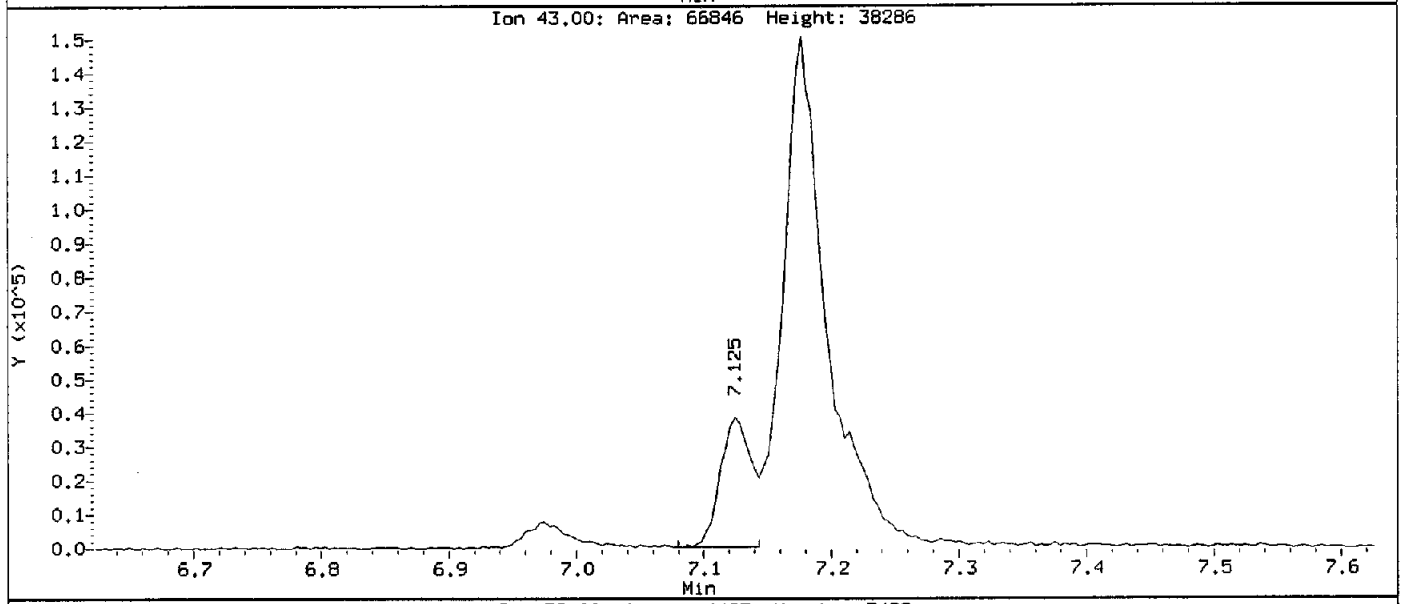
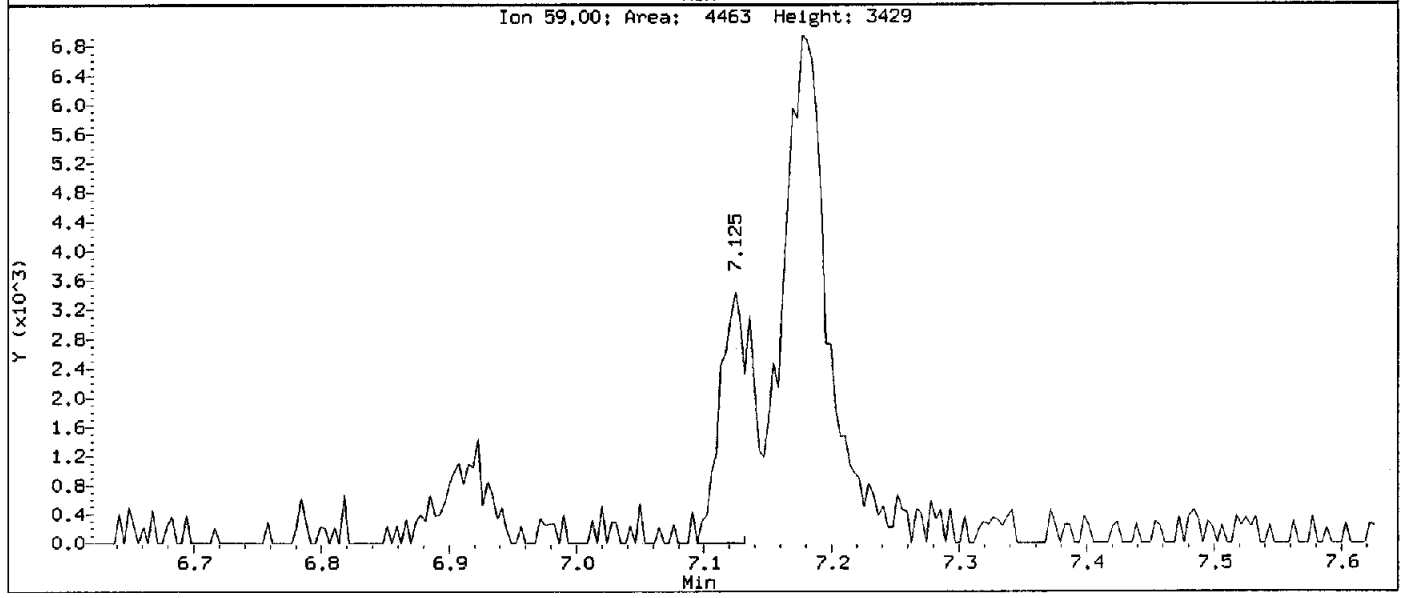
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Methyl Acetate
CAS Number:







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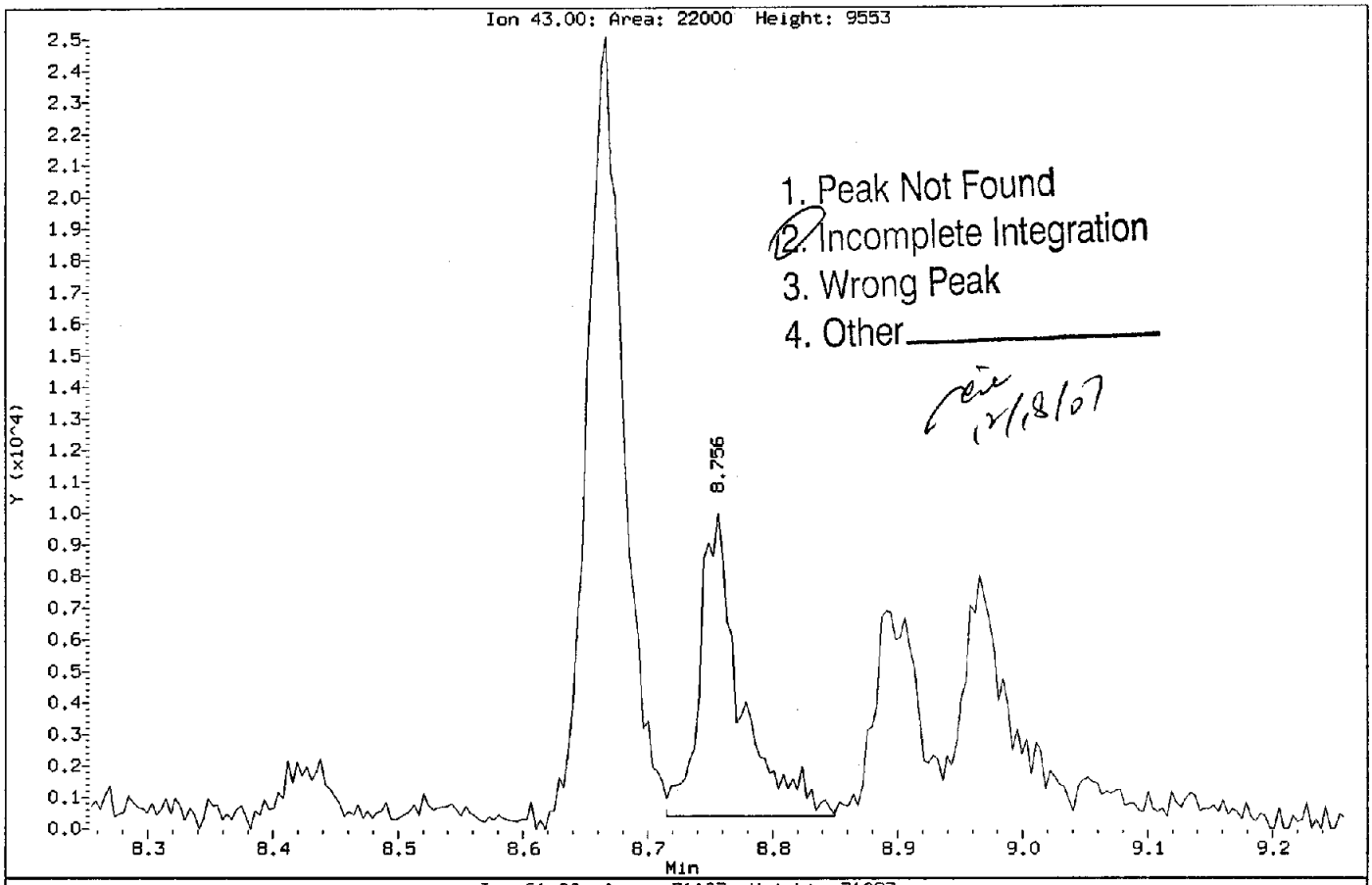
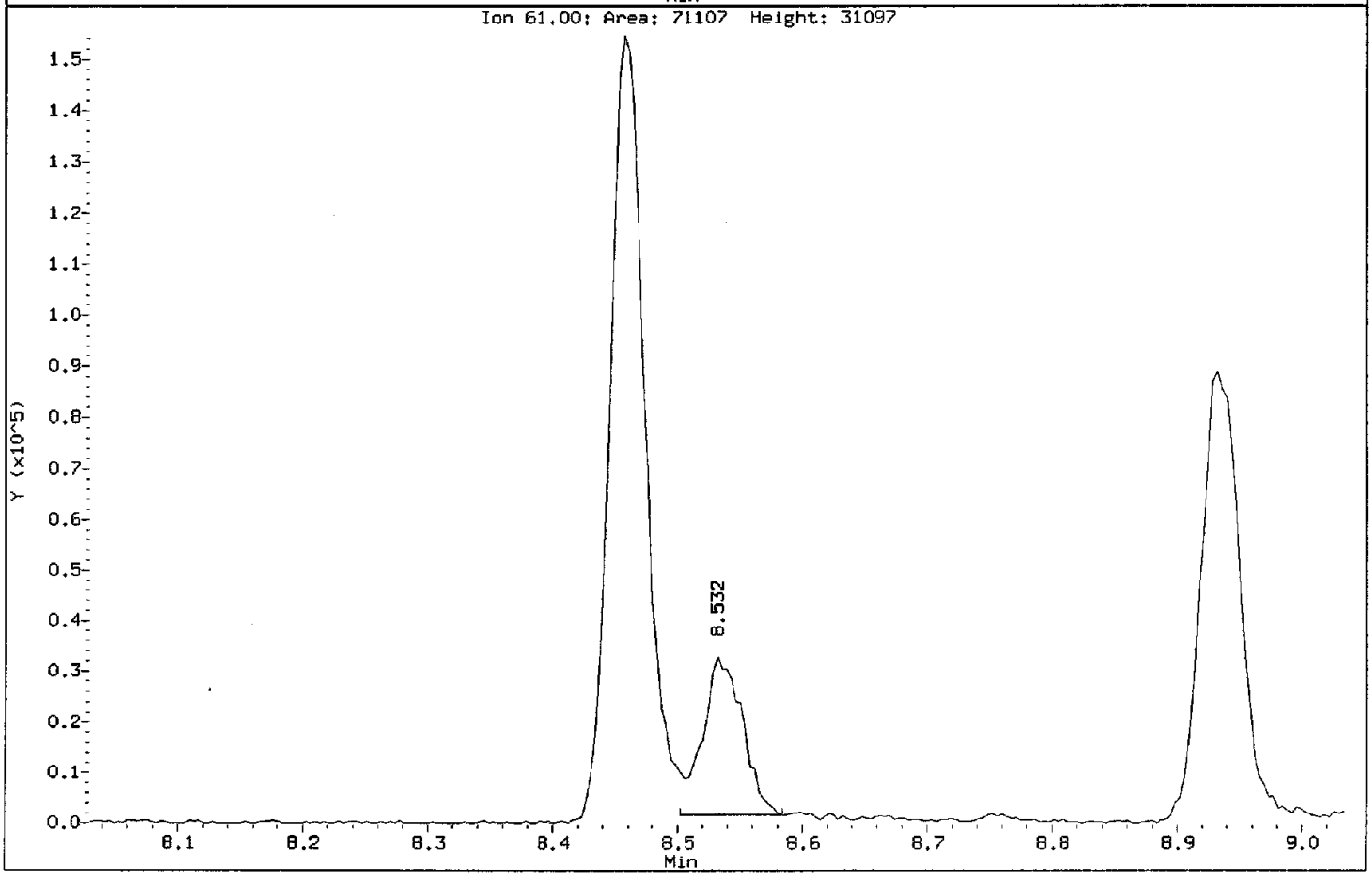
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Ethyl acetate
CAS Number: 141-78-6





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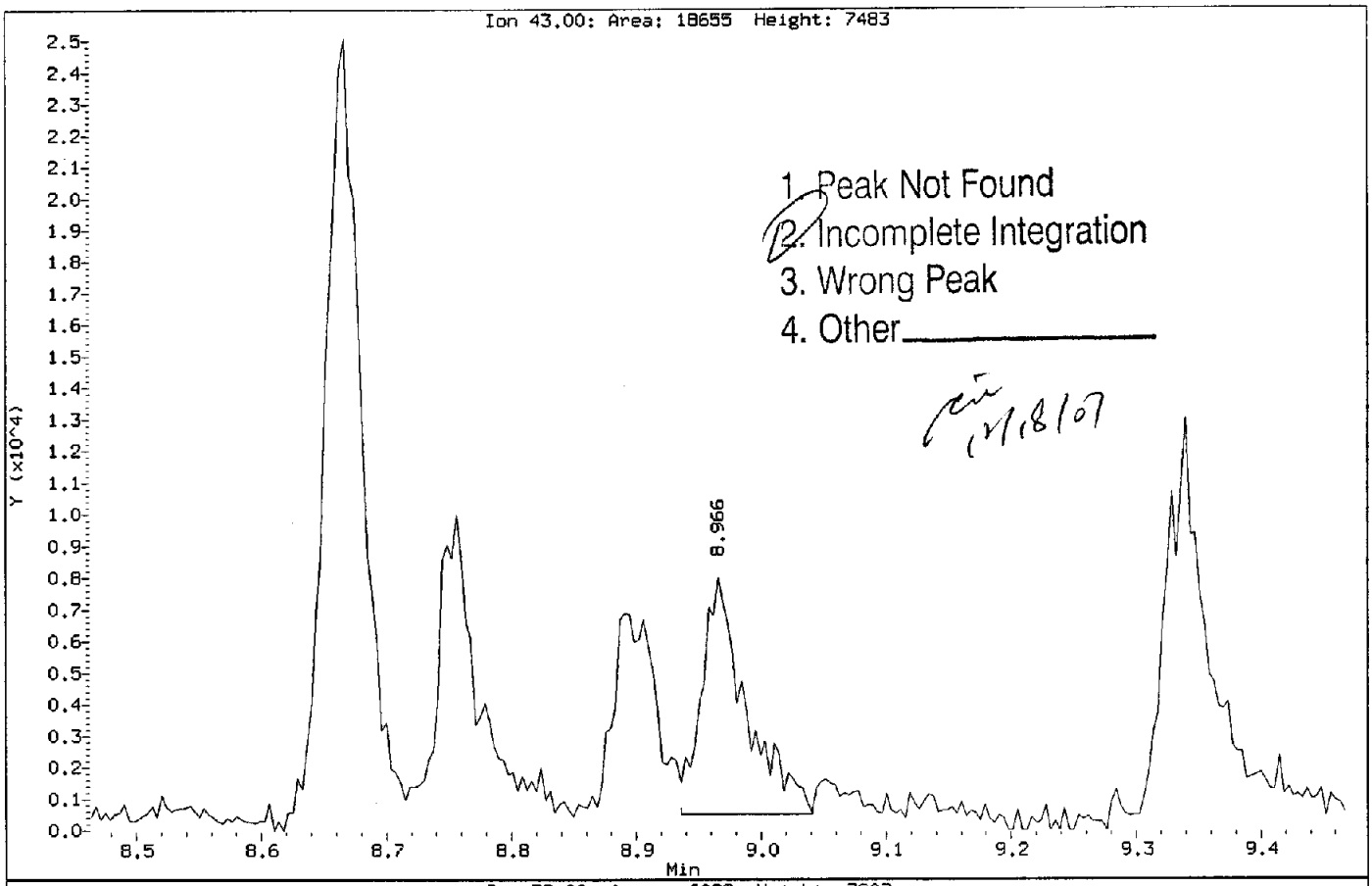
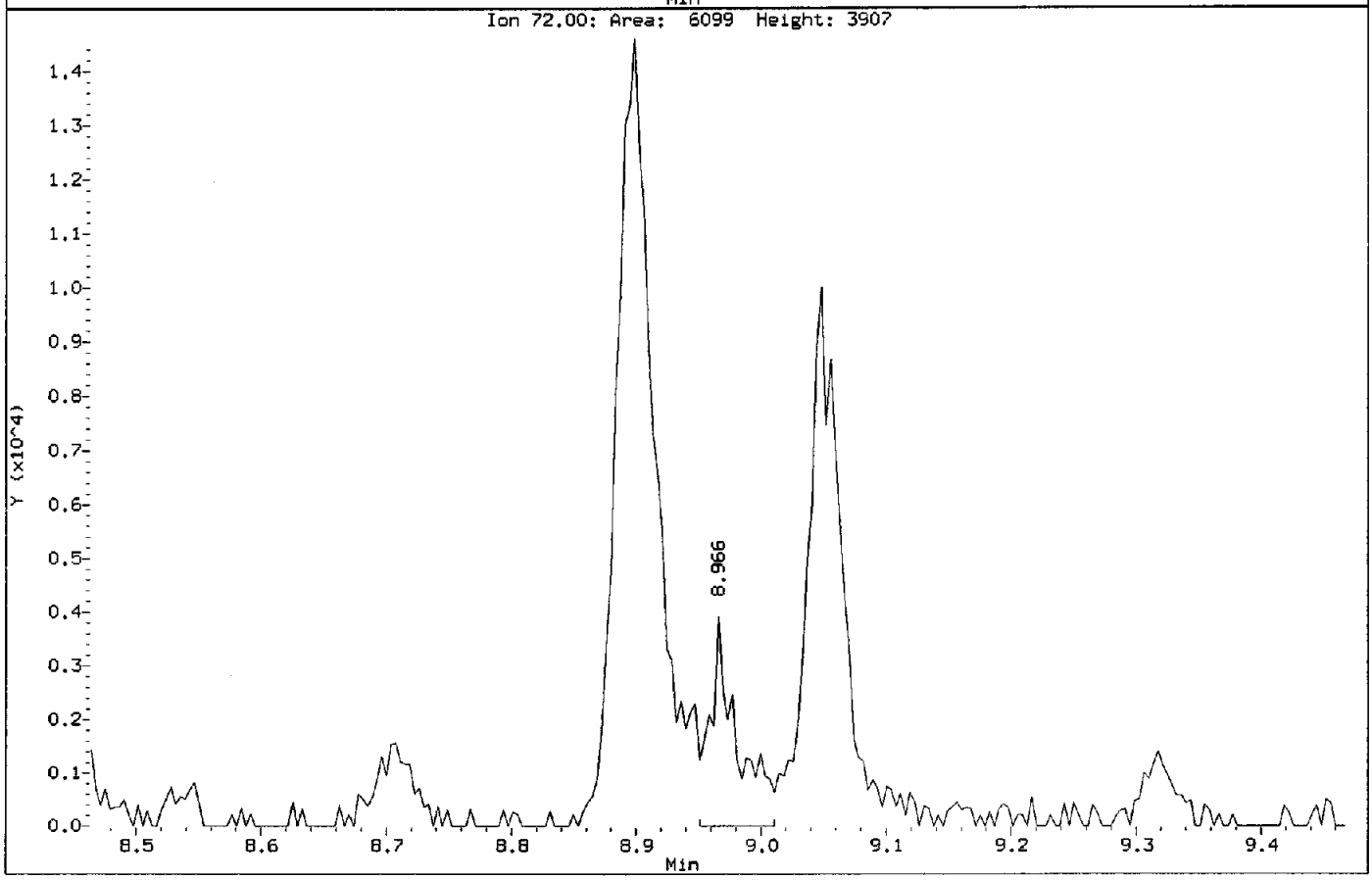
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: 2-Butanone
CAS Number: 78-93-3





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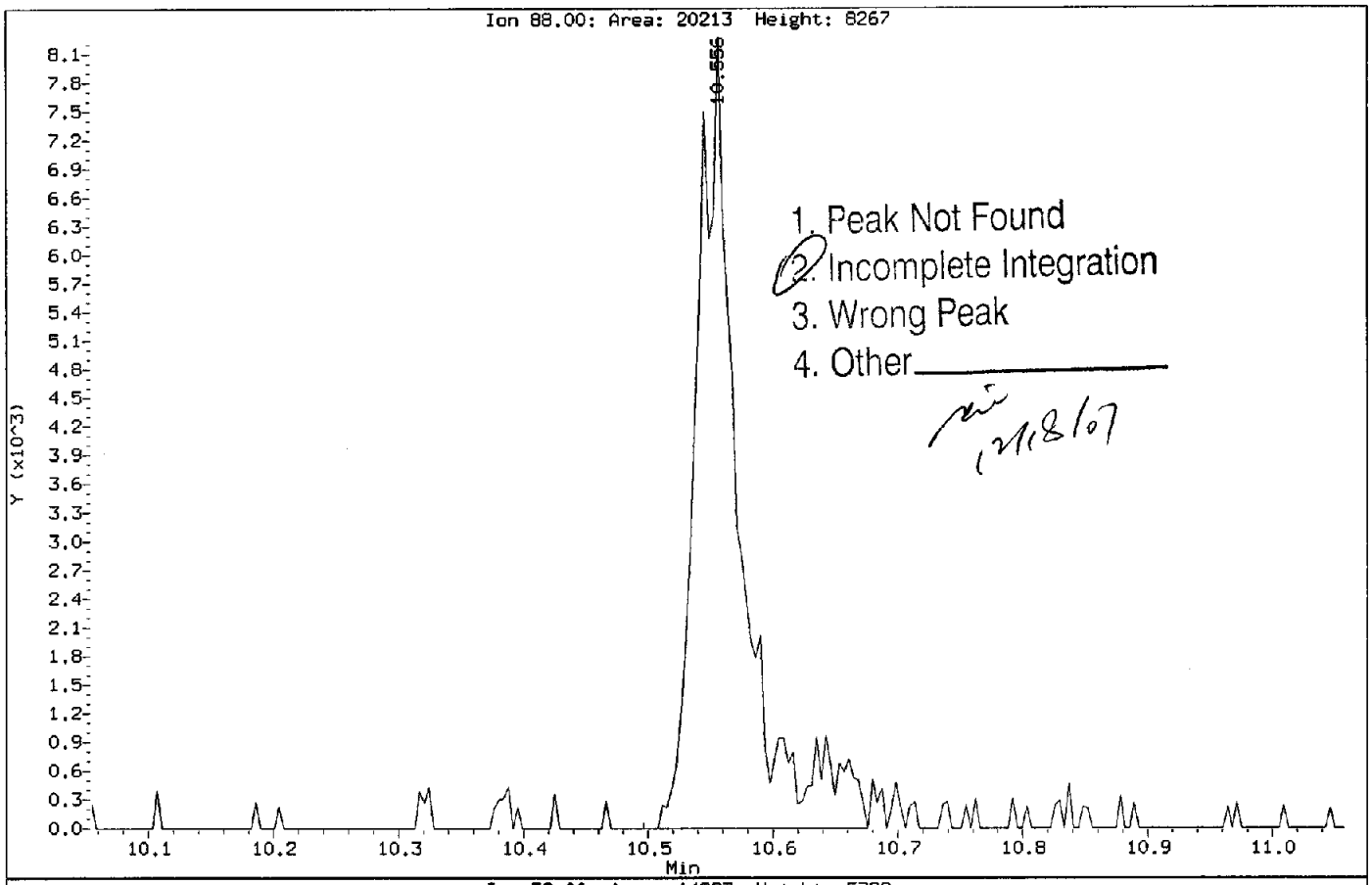
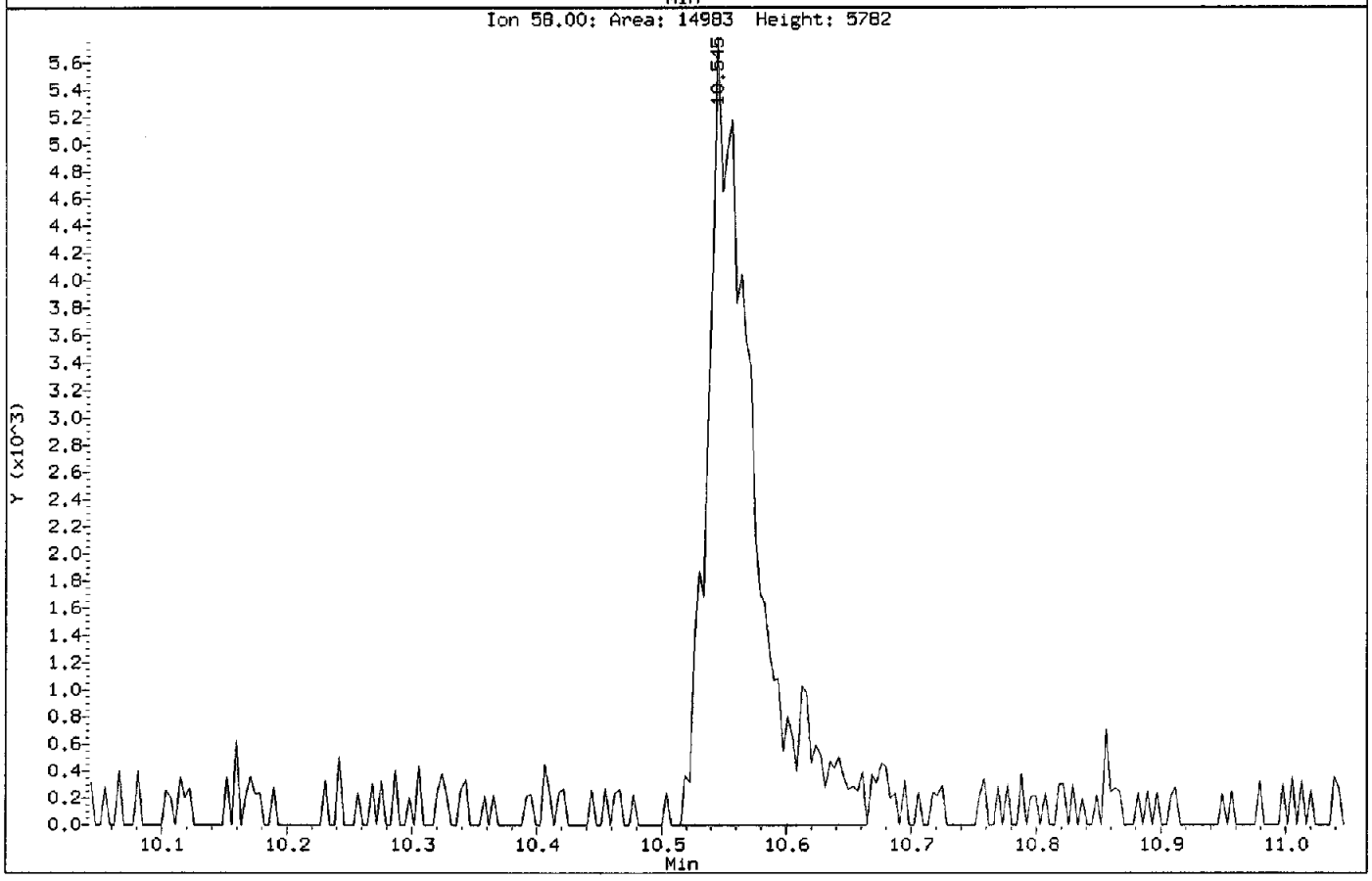
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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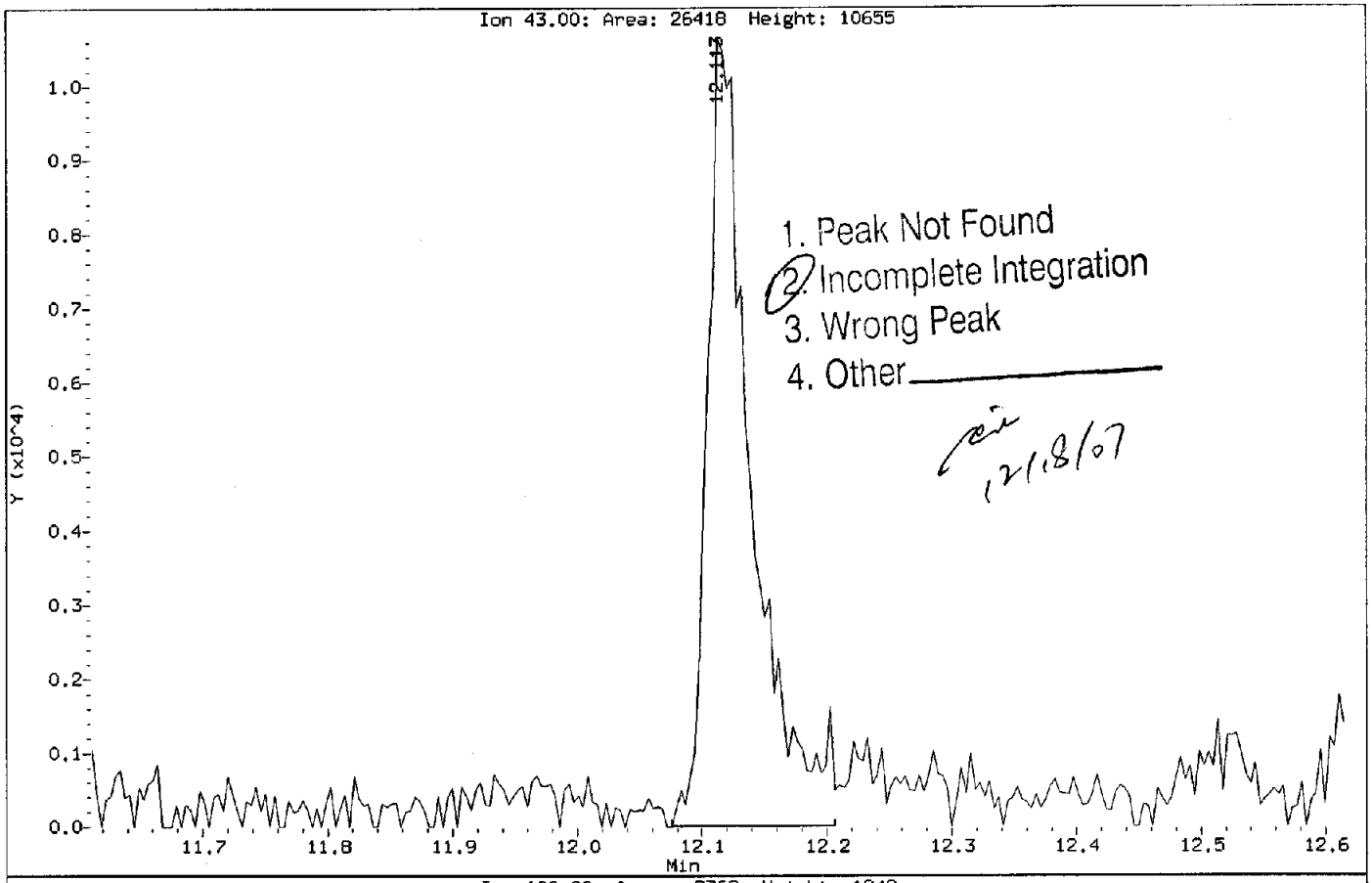
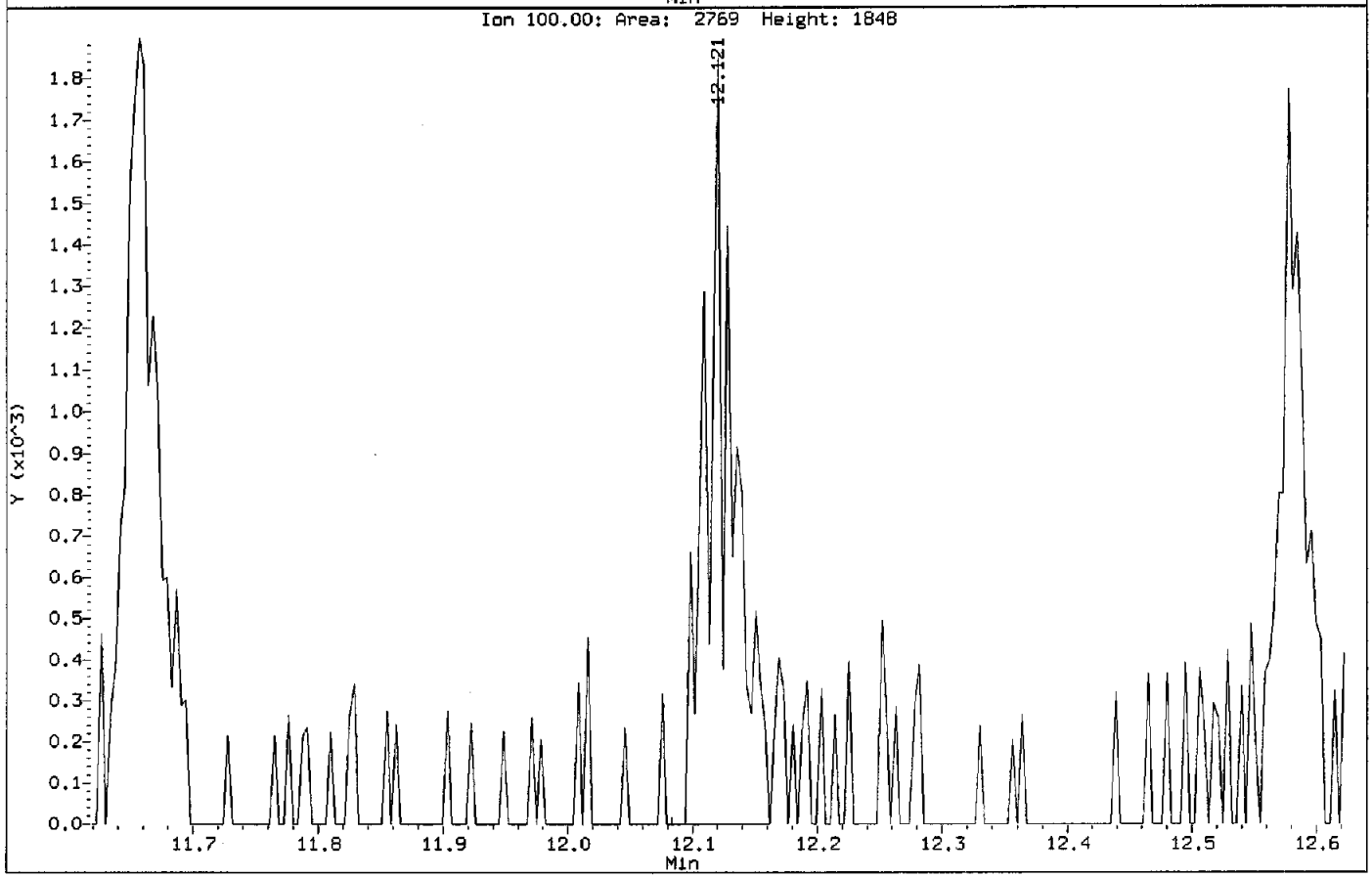
Injection Date: 17-DEC-2007 14:58
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: 2-Hexanone
CAS Number: 591-78-6





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Report Date: 18-Dec-2007 11:25

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Lab Smp Id: VSTD4.0 Client Smp ID: VSTD4.0
Inj Date : 17-DEC-2007 15:24
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD4.0;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 11:25 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 15:24 Cal File: LCAL7327.D
Als bottle: 2 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.464	3.464	(0.358)	129929	4.00000	4.048
	2 Freon-114	135	3.737	3.737	(0.387)	29033	4.00000	3.844
	3 Chloromethane	50	3.902	3.902	(0.404)	220260	4.00000	3.774
	4 Vinyl Chloride	62	4.100	4.100	(0.424)	199738	4.00000	4.043
	5 Bromomethane	94	4.800	4.800	(0.496)	150698	4.00000	4.848
	6 Chloroethane	64	5.040	5.040	(0.521)	113808	4.00000	3.812
	7 Trichlorofluoromethane	101	5.283	5.283	(0.546)	174723	4.00000	4.208
	8 Diethyl ether	59	5.792	5.792	(0.599)	62176	8.00000	7.369
	9 1,1-Dichloroethene	96	6.151	6.151	(0.636)	89670	4.00000	3.749
	10 1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	93784	4.00000	3.880
	11 Carbon Disulfide	76	6.308	6.308	(0.652)	302598	4.00000	3.850
	12 Iodomethane	142	6.435	6.435	(0.666)	36147	4.00000	4.328
	13 Acrolein	56	6.623	6.623	(0.685)	6429	20.0000	18.12
	14 Allyl chloride	39	6.813	6.813	(0.705)	102583	4.00000	3.795
	15 Methylene Chloride	84	6.967	6.967	(0.721)	80761	4.00000	3.620
	16 Acetone	43	6.982	6.982	(0.722)	12355	4.00000	5.202(M)
	17 trans-1,2-Dichloroethene	96	7.180	7.180	(0.743)	106226	4.00000	3.693
	18 n-Hexane	57	7.180	7.180	(0.743)	192606	4.00000	3.794
	19 Methyl Acetate	74	7.135	7.135	(0.738)	7051	4.00000	3.290(M)
	20 MTBE	73	7.218	7.218	(0.746)	95571	4.00000	3.938
M	21 1,2-Dichloroethene (total)	96				201065	8.00000	7.526
	22 Acetonitrile	41	7.581	7.581	(0.784)	12180	20.0000	19.48

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Acrylonitrile	53	7.914	7.914	(0.818)	42421	20.0000	19.18
	24 1,1-Dichloroethane	63	7.872	7.872	(0.814)	192489	4.00000	3.799
	25 2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	156666	4.00000	3.839
	26 Vinyl acetate	43	8.093	8.093	(0.837)	51647	4.00000	4.027
	27 cis-1,2-Dichloroethene	96	8.464	8.464	(0.875)	94839	4.00000	3.832
	28 2,2-Dichloropropane	77	8.542	8.542	(0.884)	164293	4.00000	3.889
	29 Bromochloromethane	128	8.700	8.700	(0.900)	21125	4.00000	3.678
	30 Cyclohexane	84	8.666	8.666	(0.896)	169462	4.00000	3.812
	31 Chloroform	83	8.707	8.707	(0.901)	150891	4.00000	3.636
	32 Ethyl acetate	43	8.774	8.774	(0.908)	6169	8.00000	5.627(M)
	33 Carbon Tetrachloride	117	8.902	8.902	(0.921)	129903	4.00000	3.831
	34 Isobutanol	42	8.905	8.905	(0.921)	27272	80.0000	77.86(M)
	35 Tetrahydrofuran	71	8.894	8.894	(0.920)	11796	20.0000	20.45
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	56791	4.00000	3.821
	37 1,1,1-Trichloroethane	97	8.939	8.939	(0.925)	155232	4.00000	3.805
	38 2-Butanone	43	8.973	8.973	(0.928)	6732	4.00000	3.500(M)
	39 1,1-Dichloropropene	75	9.051	9.051	(0.936)	150512	4.00000	3.807
	40 Benzene	78	9.313	9.313	(0.963)	442277	4.00000	3.813
	41 Propionitrile	54	9.283	9.283	(0.960)	13113	20.0000	18.56
	42 Methacrylonitrile	41	9.291	9.291	(0.961)	61216	20.0000	18.93
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.977)	45189	4.00000	3.866
	44 1,2-Dichloroethane	62	9.508	9.508	(0.983)	58524	4.00000	3.758
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	1002456	10.0000	
	46 n-Butanol	56	10.137	10.137	(1.048)	3763	40.0000	46.24(M)
	47 Methylcyclohexane	55	9.815	9.815	(1.015)	156914	4.00000	3.728
	48 Trichloroethene	130	9.852	9.852	(1.019)	105832	4.00000	3.768
	49 Dibromomethane	93	10.312	10.312	(1.067)	18779	4.00000	3.743
	50 1,2-Dichloropropane	63	10.327	10.327	(1.068)	82510	4.00000	3.754
	51 Bromodichloromethane	83	10.391	10.391	(1.075)	80095	4.00000	3.797
M	52 Xylenes (total)	106				560369	12.0000	11.30
	53 Methyl methacrylate	69	10.413	10.413	(1.077)	17086	4.00000	4.135(M)
	54 1,4-Dioxane	88	10.552	10.552	(1.091)	11489	80.0000	87.92(M)
	55 2-chloroethyl vinyl ether	63	10.803	10.803	(1.117)	10060	4.00000	3.700
	56 cis-1,3-Dichloropropene	75	10.930	10.930	(1.130)	84473	4.00000	3.878
$	57 Toluene-d8	98	11.087	11.087	(0.885)	330061	4.00000	3.919
	58 Toluene	91	11.139	11.139	(0.889)	453419	4.00000	3.840
	59 2-Nitro-Propane	43	11.304	11.304	(0.902)	12483	4.00000	4.214(M)
	60 4-Methyl-2-pentanone	43	11.368	11.368	(0.907)	20138	4.00000	4.019
	61 trans-1,3-Dichloropropene	75	11.499	11.499	(0.918)	58870	4.00000	4.188
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	83285	4.00000	4.278
	63 Ethyl methacrylate	69	11.514	11.514	(0.919)	29569	4.00000	3.871
	64 1,1,2-Trichloroethane	97	11.660	11.660	(0.931)	32589	4.00000	4.069
	65 Chlorodibromomethane	129	11.895	11.895	(0.950)	31761	4.00000	3.791
	66 1,3-Dichloropropane	76	11.914	11.914	(0.951)	61549	4.00000	3.834
	67 1,2-Dibromoethane	107	12.154	12.154	(0.970)	25394	4.00000	4.098
	68 2-Hexanone	43	12.124	12.124	(0.968)	10007	4.00000	3.727(M)
	69 Ethylbenzene	106	12.502	12.502	(0.998)	165411	4.00000	3.902
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	563341	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	231125	4.00000	3.825
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	61456	4.00000	3.798
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	395277	8.00000	7.387
	74 o-Xylene	106	13.037	13.037	(1.041)	165092	4.00000	3.918
	75 Styrene	104	13.093	13.093	(1.045)	245855	4.00000	4.045
	76 Bromoform	173	13.254	13.254	(0.900)	13163	4.00000	3.958

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	77 Isopropylbenzene	105	13.295	13.295	(0.903)	441665	4.00000	3.782
$	78 4-Bromofluorobenzene	95	13.651	13.651	(0.927)	77755	4.00000	3.827
	79 n-Propylbenzene	91	13.684	13.684	(0.929)	615620	4.00000	3.786
	80 Bromobenzene	156	13.793	13.793	(0.937)	61972	4.00000	3.748
	81 1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	32491	4.00000	3.870
	82 1,3,5-Trimethylbenzene	105	13.834	13.834	(0.940)	377365	4.00000	3.816
	83 2-Chlorotoluene	91	13.909	13.909	(0.945)	297127	4.00000	3.828
	84 1,2,3-Trichloropropane	110	13.935	13.935	(0.946)	8629	4.00000	3.976
	85 trans-1,4-dichloro-2-butene	53	13.939	13.939	(0.947)	7659	4.00000	4.036(M)
	86 4-Chlorotoluene	91	14.051	14.051	(0.954)	278583	4.00000	3.842
	87 Cyclohexanone	55	14.010	14.010	(0.951)	11409	40.0000	55.33
	88 t-Butylbenzene	119	14.159	14.159	(0.962)	332863	4.00000	3.766
	89 Pentachloroethane	167	14.275	14.275	(0.970)	30187	4.00000	3.971
	90 1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	363734	4.00000	3.793
	91 sec-Butylbenzene	105	14.332	14.332	(0.973)	554902	4.00000	3.825
	92 4-Isopropyltoluene	119	14.440	14.440	(0.981)	423927	4.00000	3.850
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	144661	4.00000	3.800
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	206769	10.0000	
	95 1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	138347	4.00000	3.685
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	447294	4.00000	3.815
	98 1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	107683	4.00000	3.823
	99 1,2-Dibromo-3-chloropropane	157	15.971	15.971	(1.085)	3529	4.00000	4.307(M)
	100 Hexachlorobutadiene	225	16.554	16.554	(1.124)	41016	4.00000	3.703
	101 1,2,4-Trichlorobenzene	180	16.682	16.682	(1.133)	56431	4.00000	4.441
	102 Naphthalene	128	17.082	17.082	(1.160)	64564	4.00000	3.989
	103 1,2,3-Trichlorobenzene	180	17.295	17.295	(1.175)	33422	4.00000	4.699
	143 Nonanal	57	15.750	15.750	(1.629)	23655	4.00000	4.036
$	158 1,2-Dichlorobenzene-d4	150	15.151	15.151	(1.029)	106847	4.00000	4.016

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

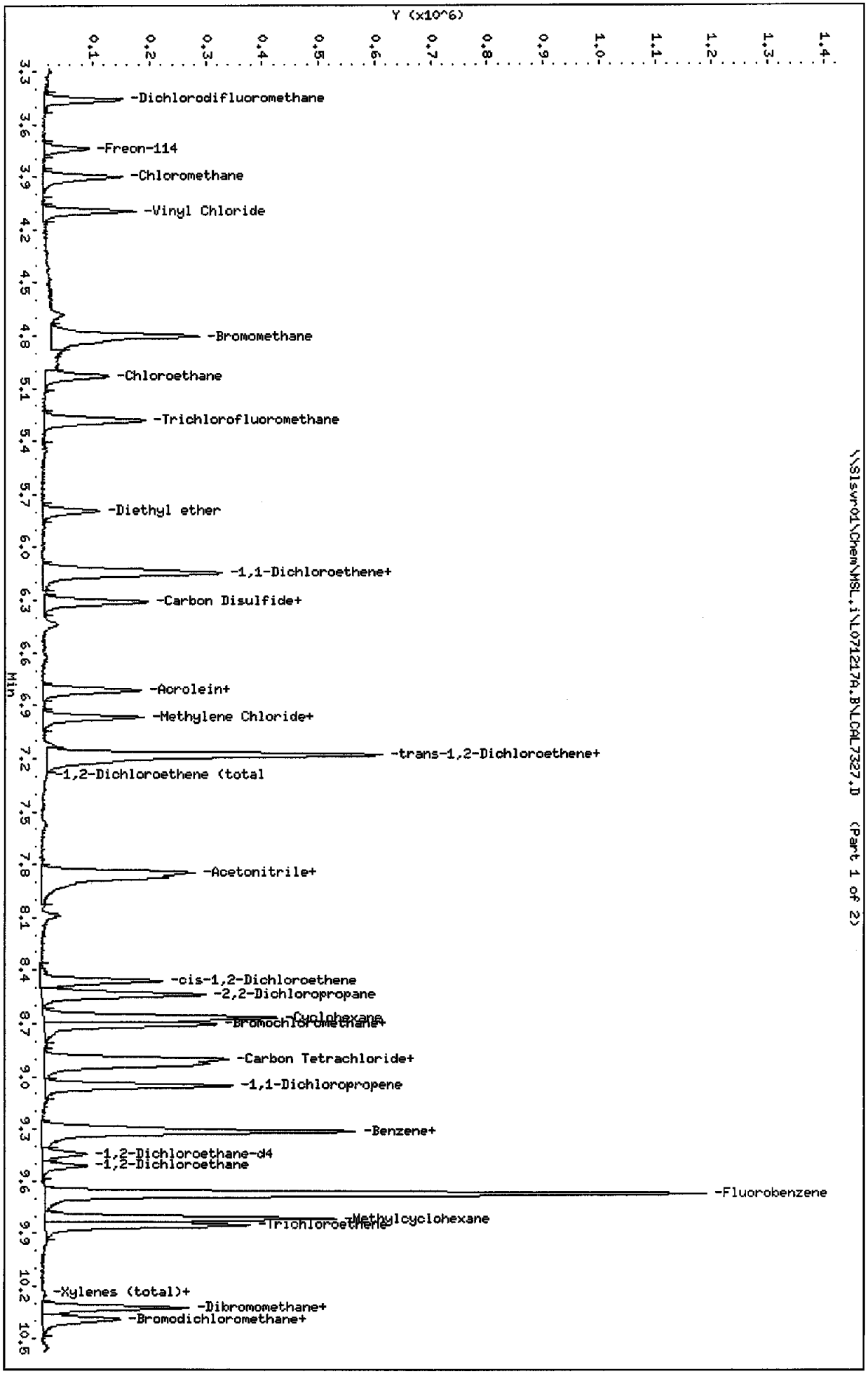
Instrument ID: MSL.i
Lab File ID: LCAL7327.D
Lab Smp Id: VSTD4.0
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD4.0
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	1002456	1.88
70 Chlorobenzene-d5	563731	281866	1127462	563341	-0.07
94 1,4 Dichlorobenze	211084	105542	422168	206769	-2.04

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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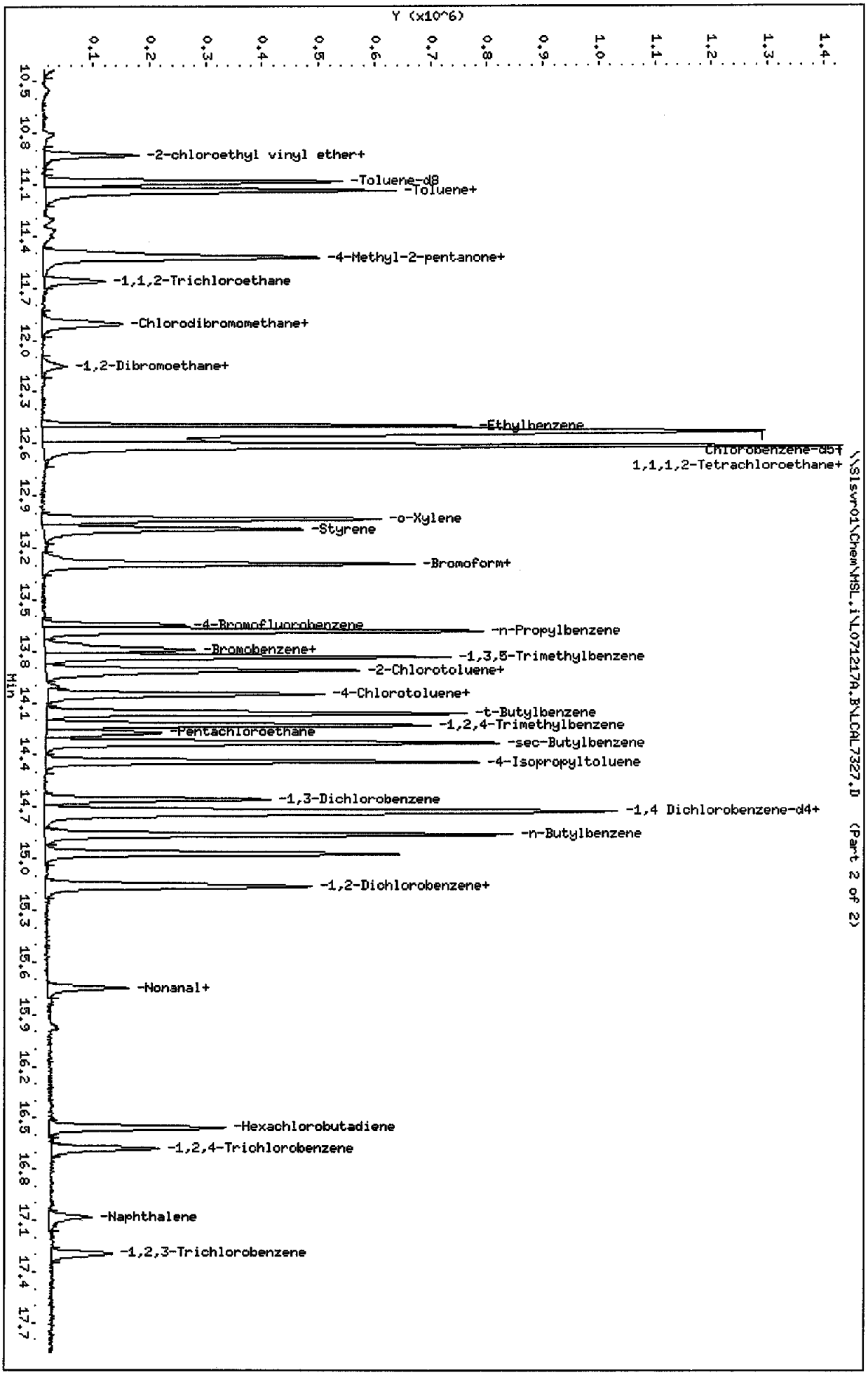
Client ID: VSTD4.0
Sample Info: VSTD4.0;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide+
-Acrolein+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-Acetonitrile+
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene
-Xylenes (total)+
-Dibromomethane+
-Bromodichloromethane+



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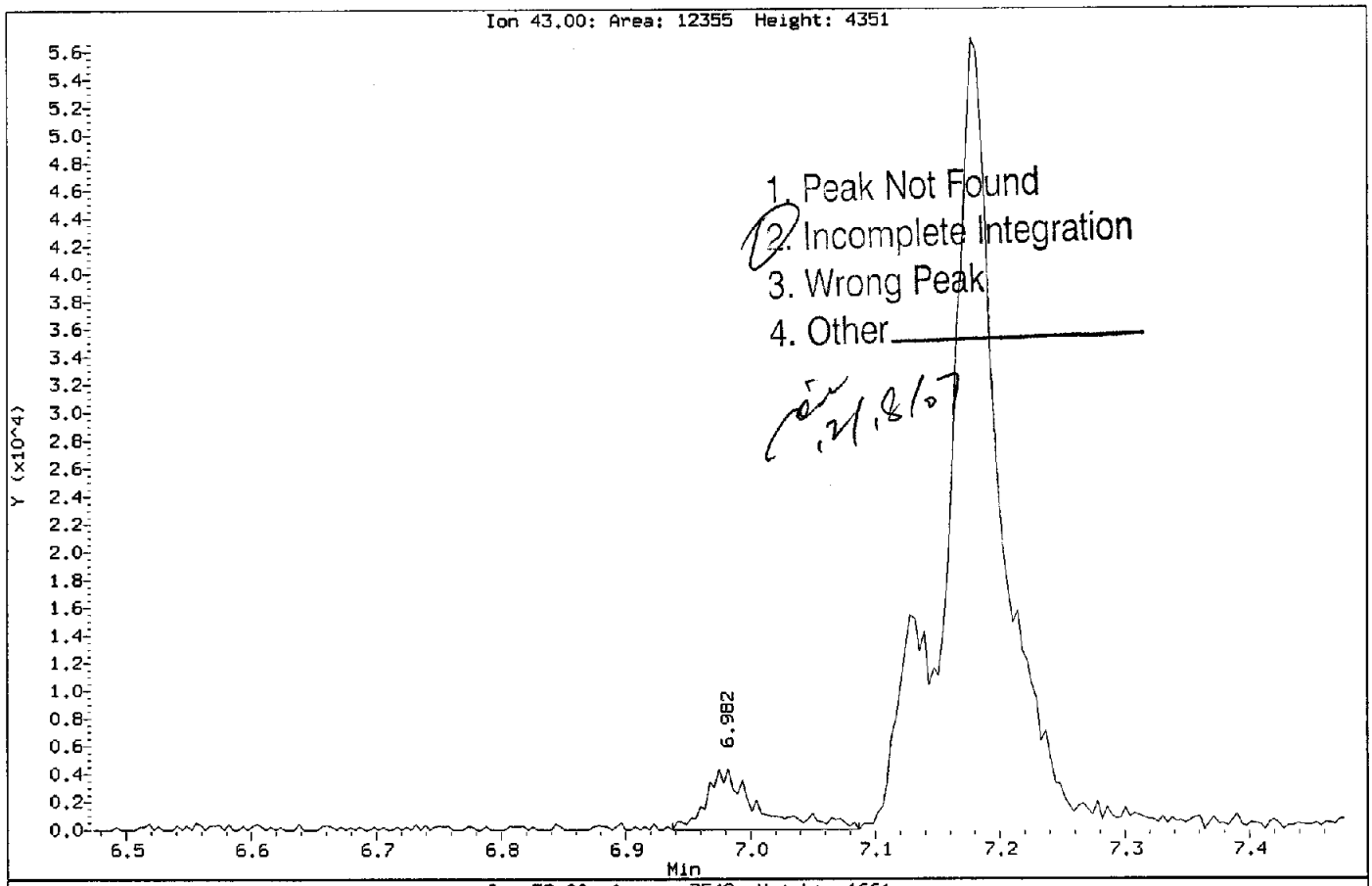
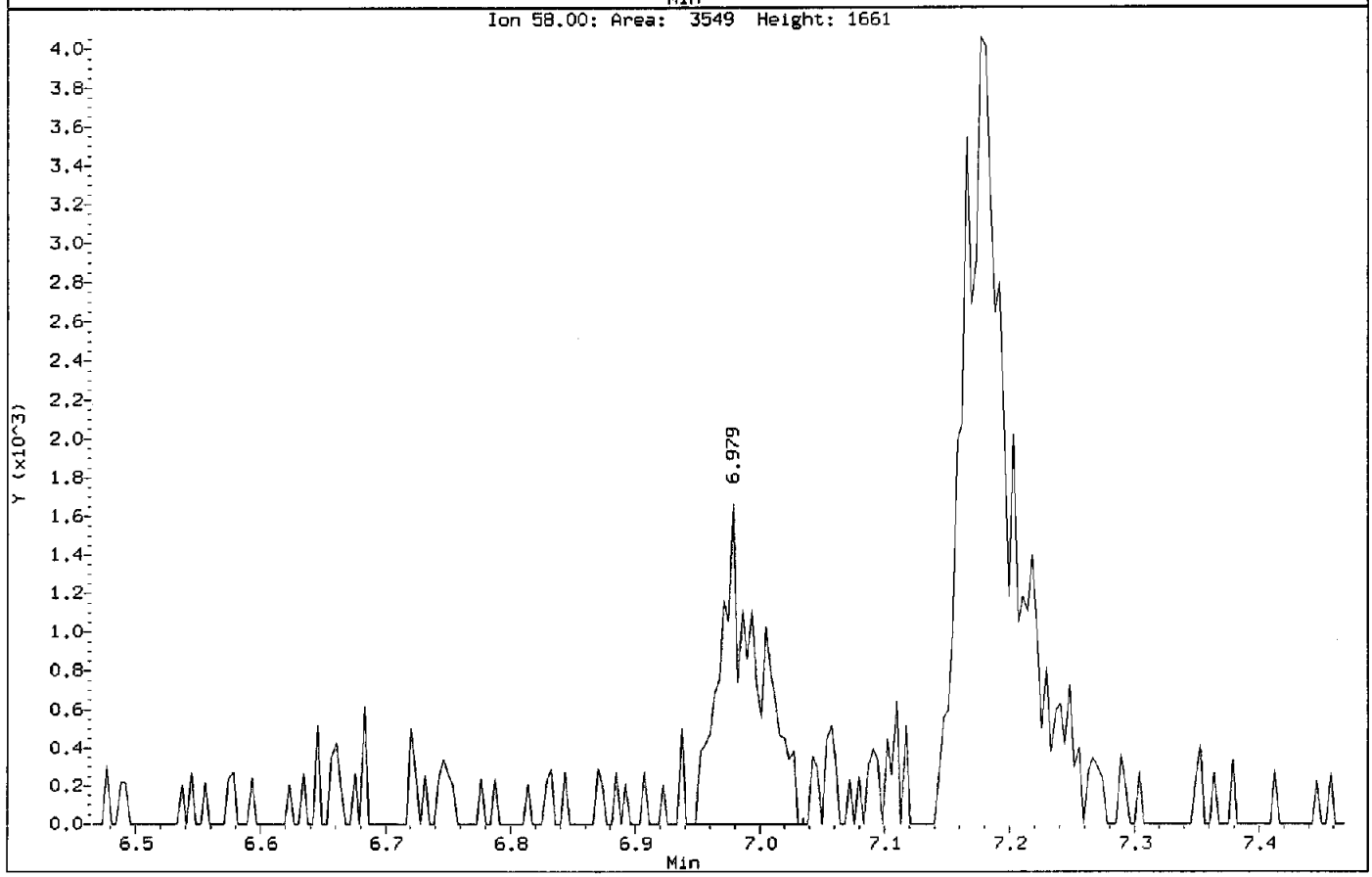
Date : 17-DEC-2007 15:24
Client ID: VSTD4.0
Sample Info: VSTD4.0;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: Acetone
CAS Number: 67-64-1





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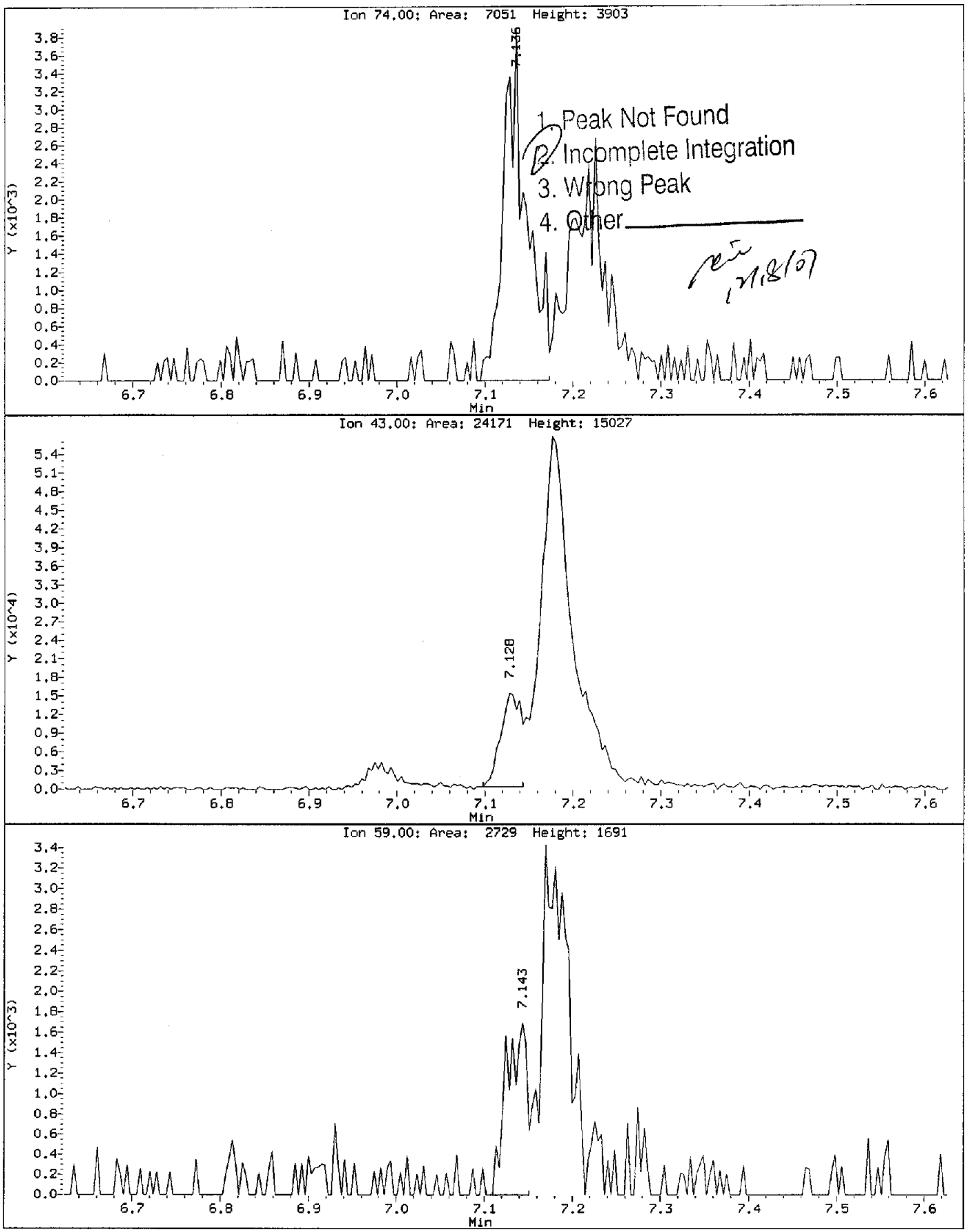
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: Methyl Acetate
CAS Number:



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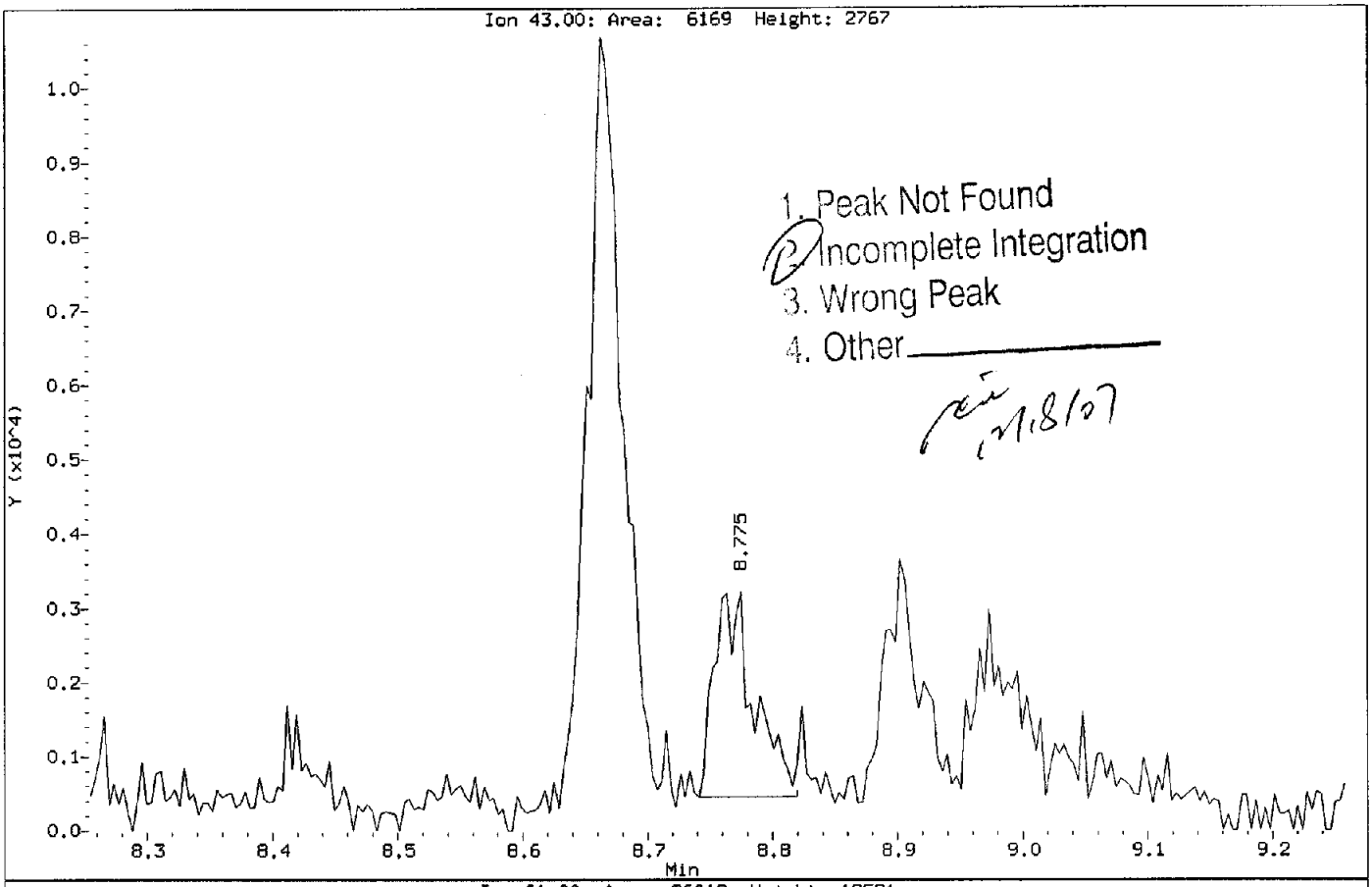
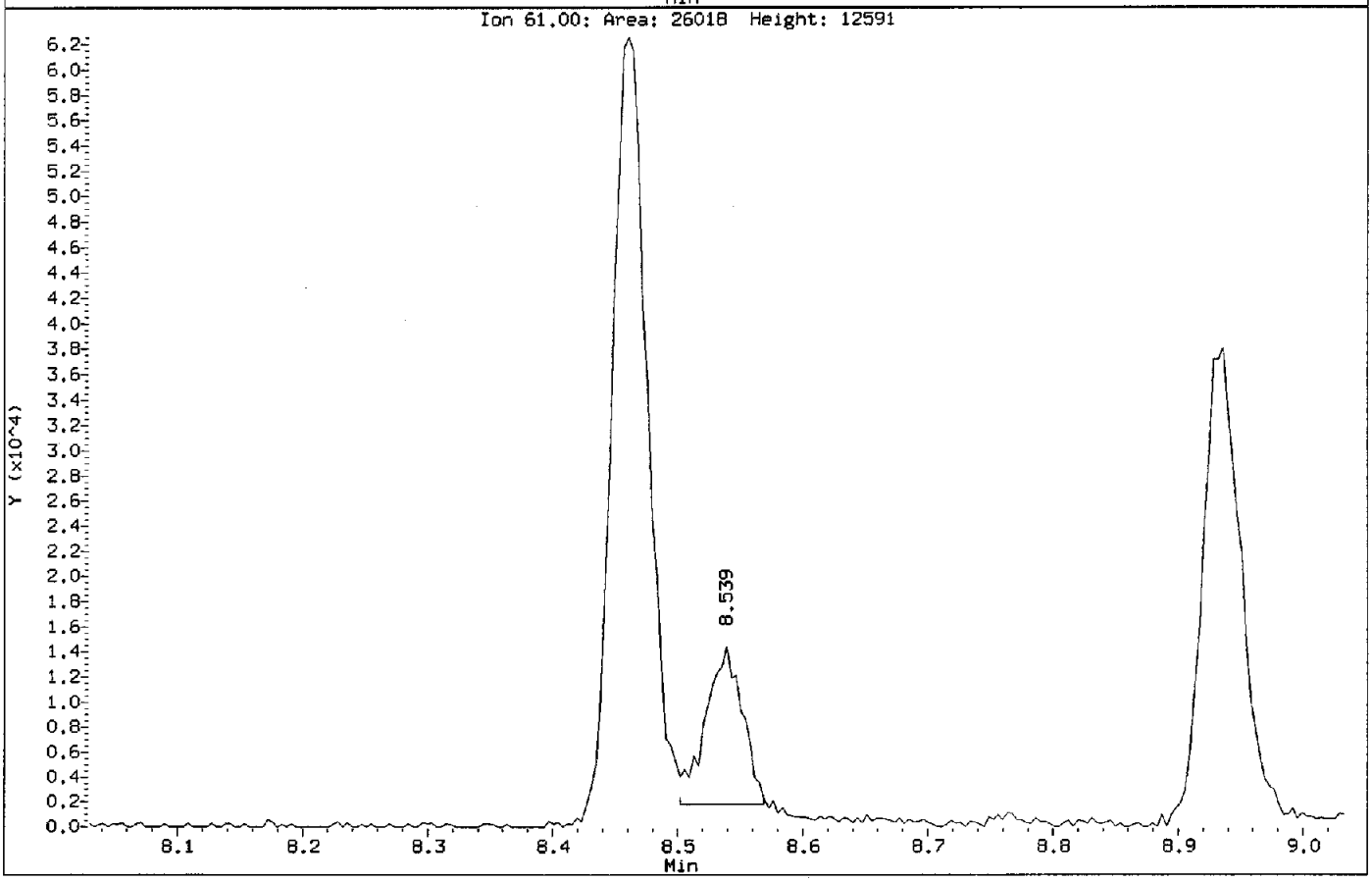
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: Ethyl acetate
CAS Number: 141-78-6





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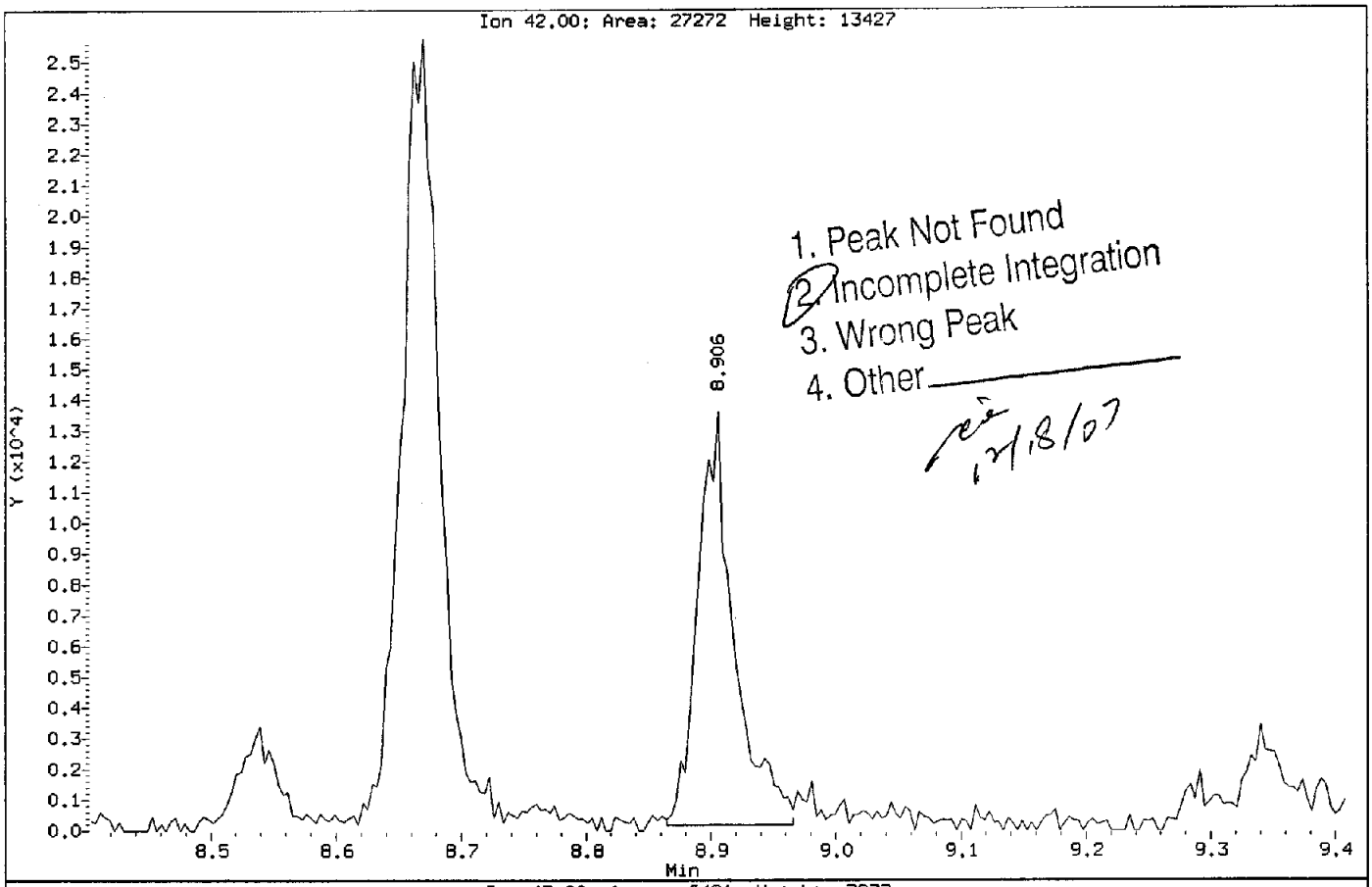
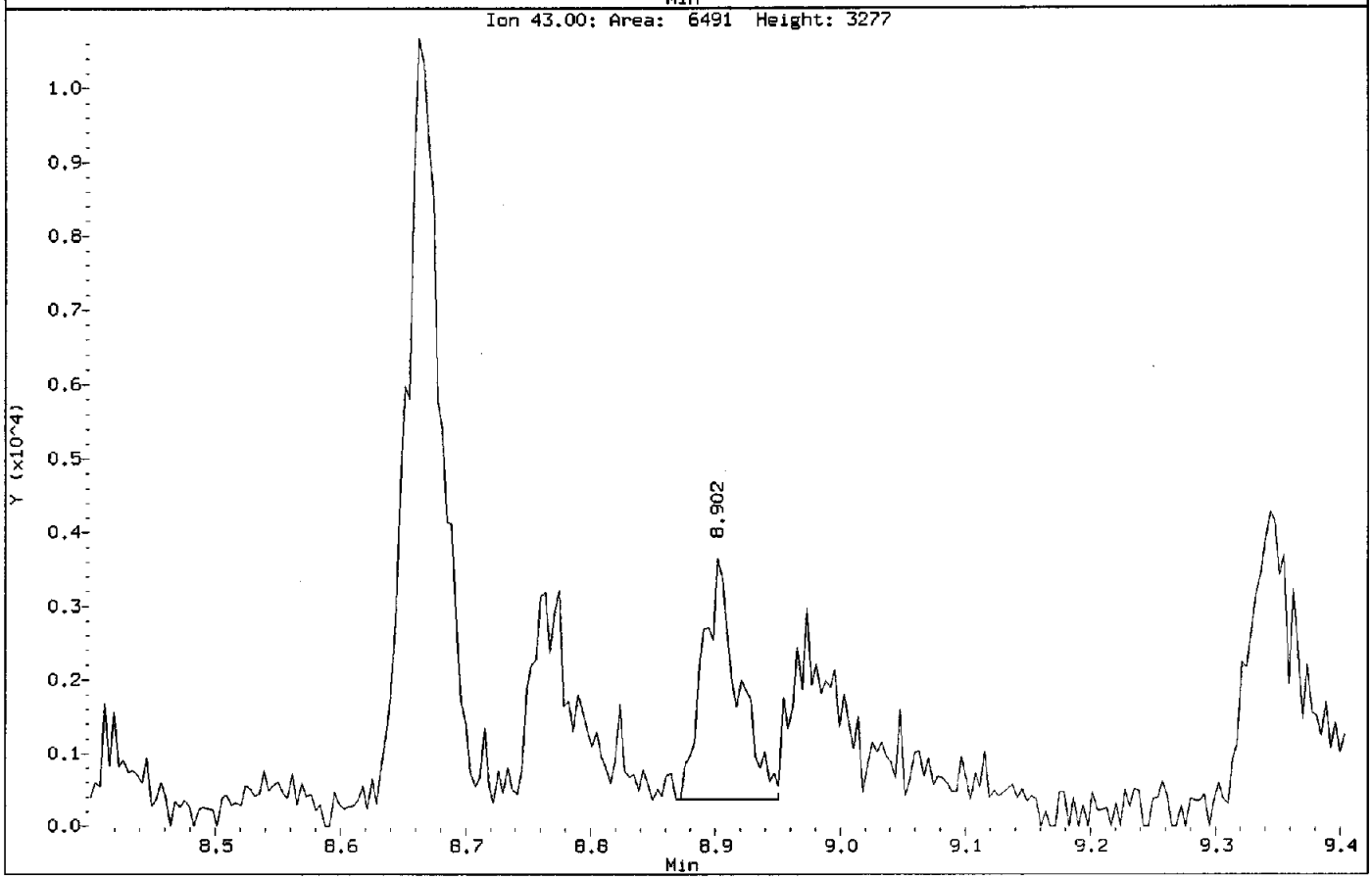
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: Isobutanol
CAS Number: 78-83-1





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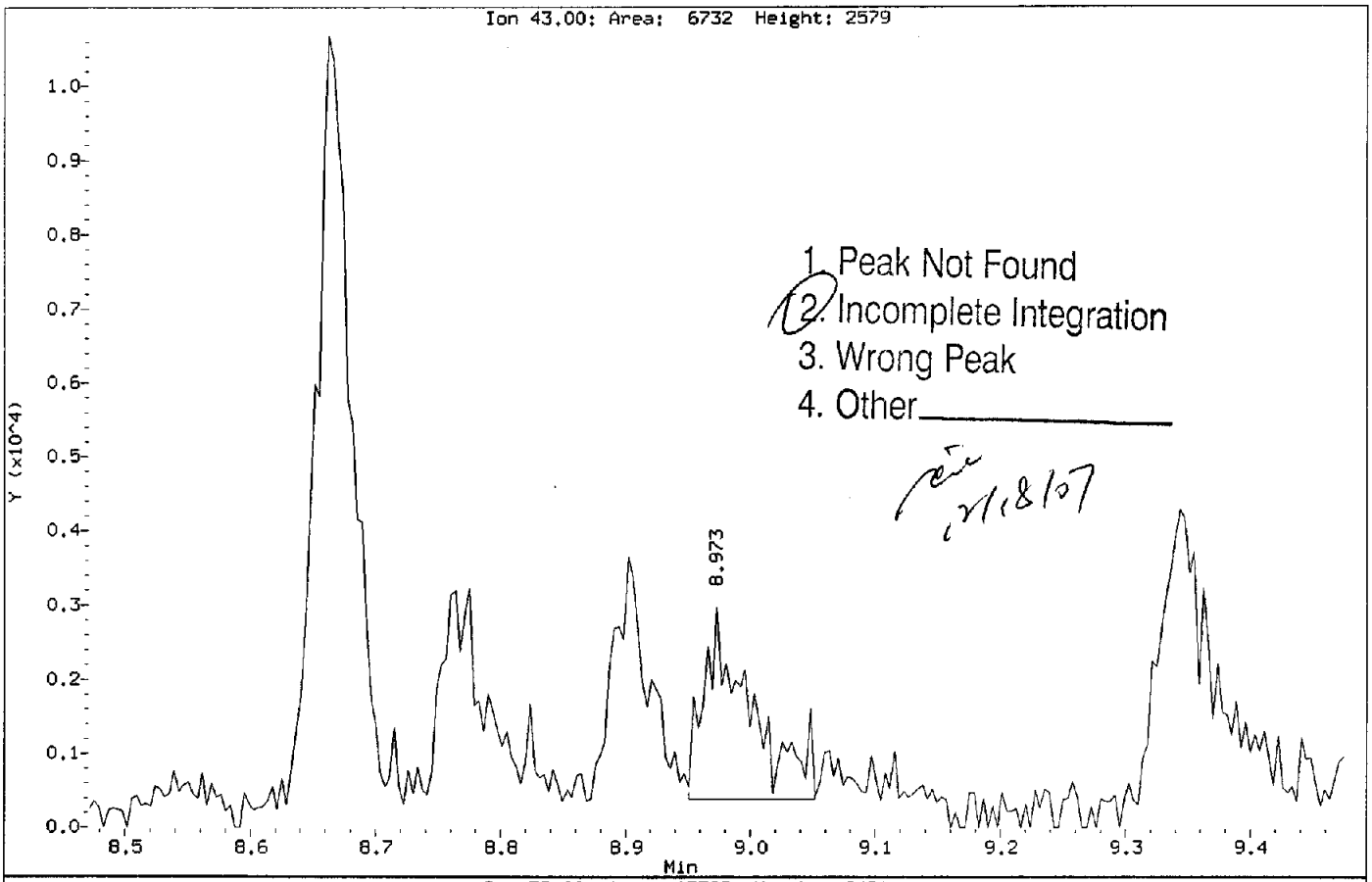
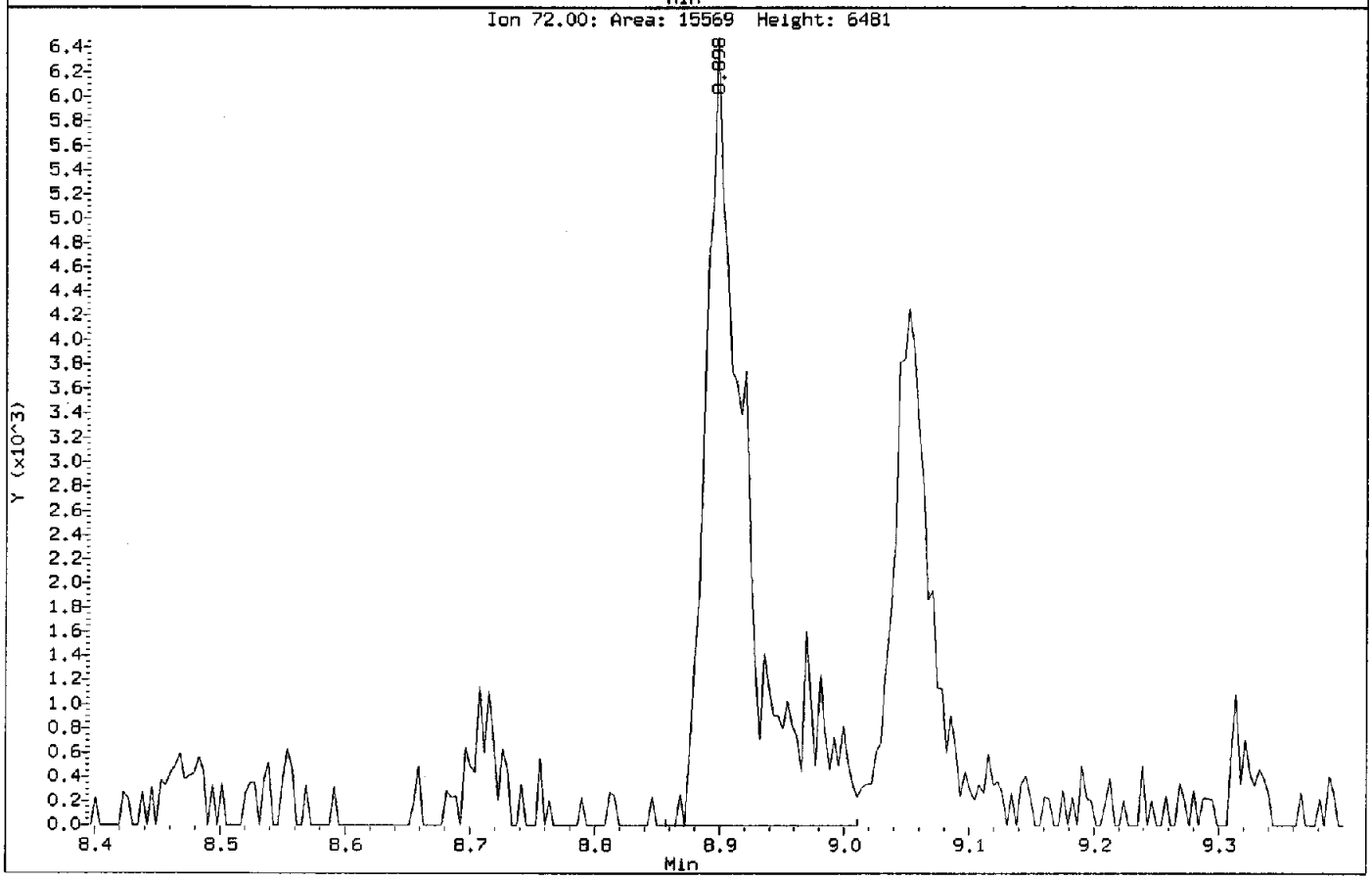
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

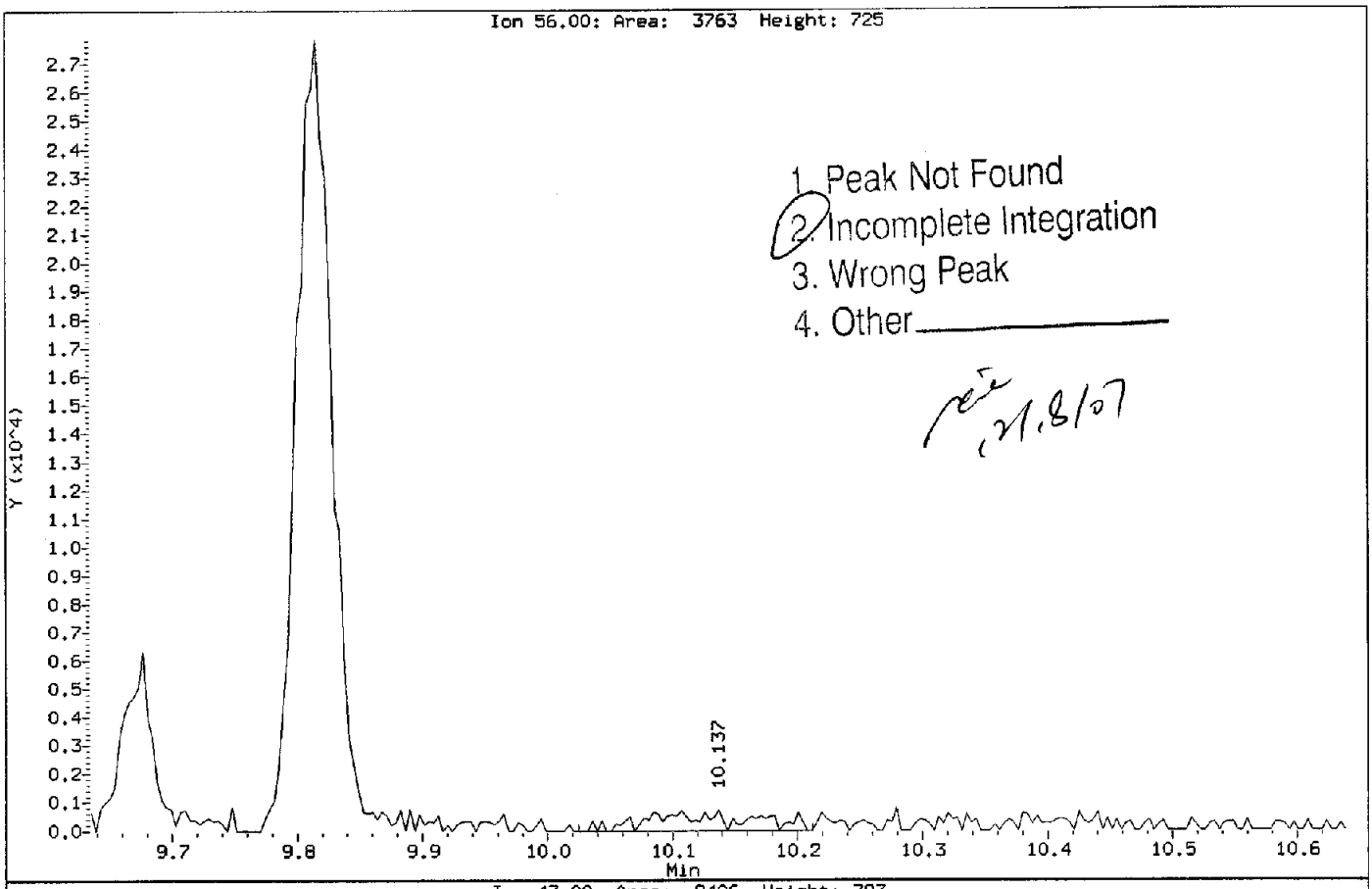
Compound: 2-Butanone
CAS Number: 78-93-3

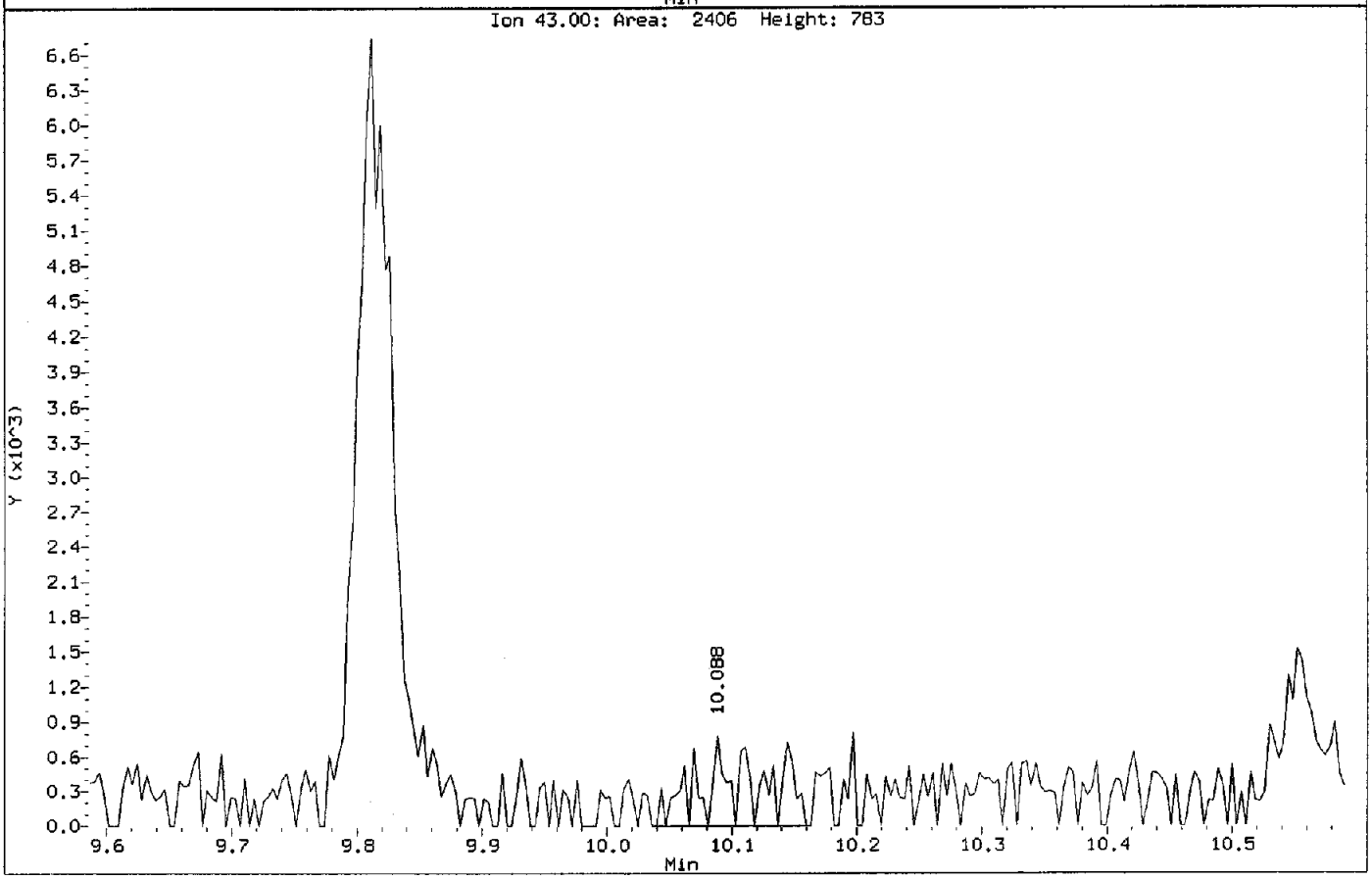




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: n-Butanol
CAS Number: 71-36-3





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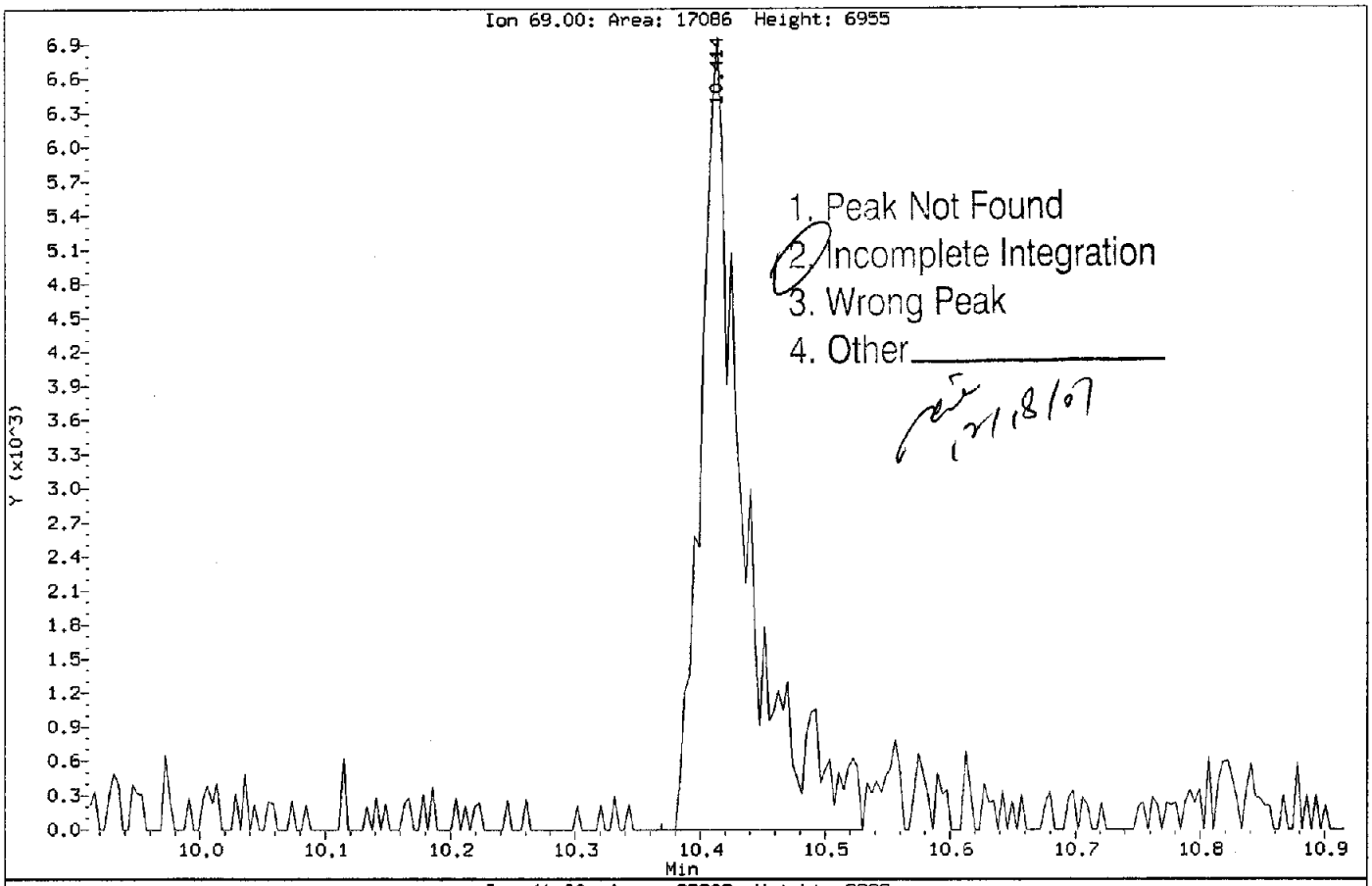
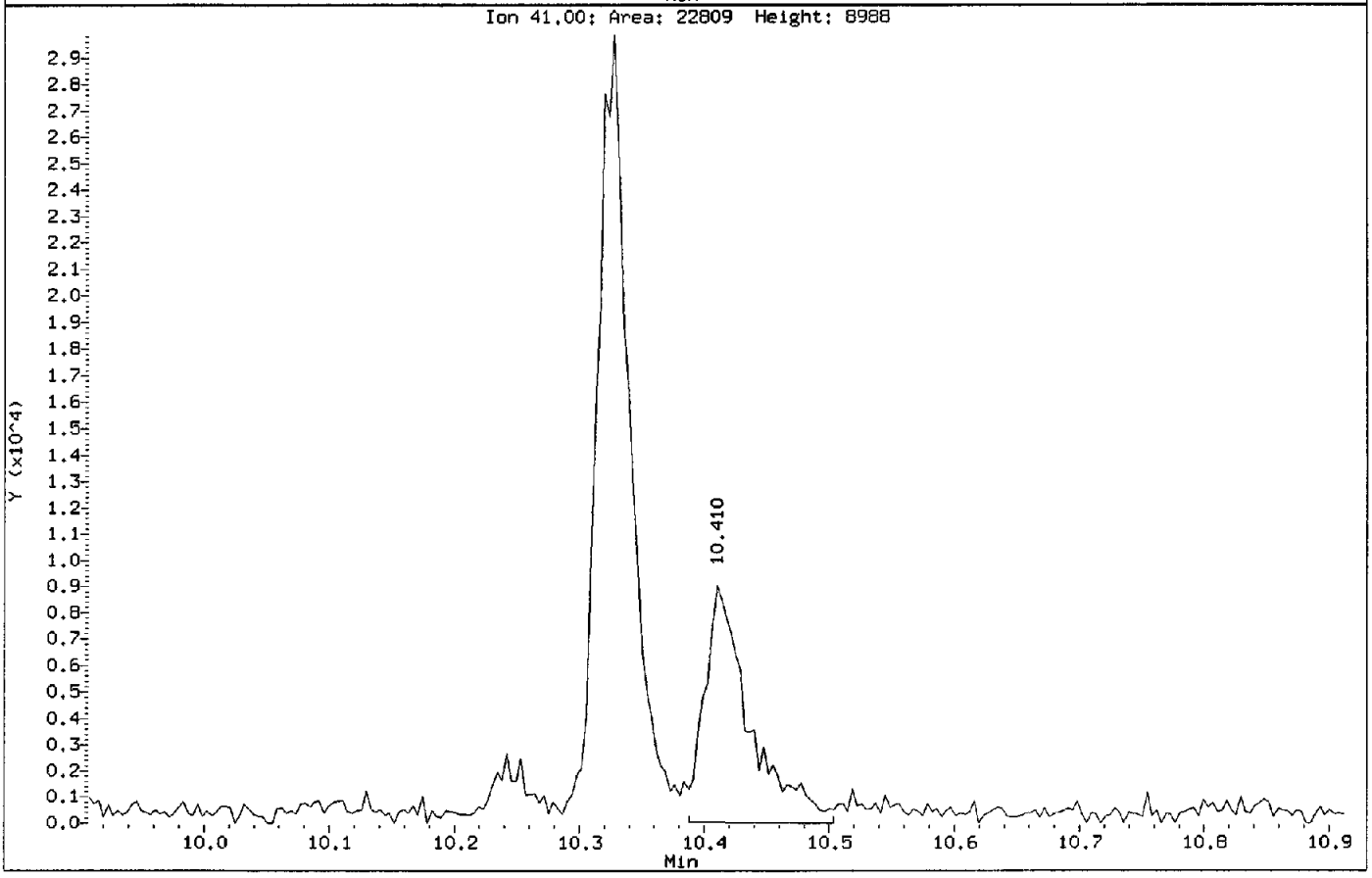
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: Methyl methacrylate
CAS Number: 80-62-6





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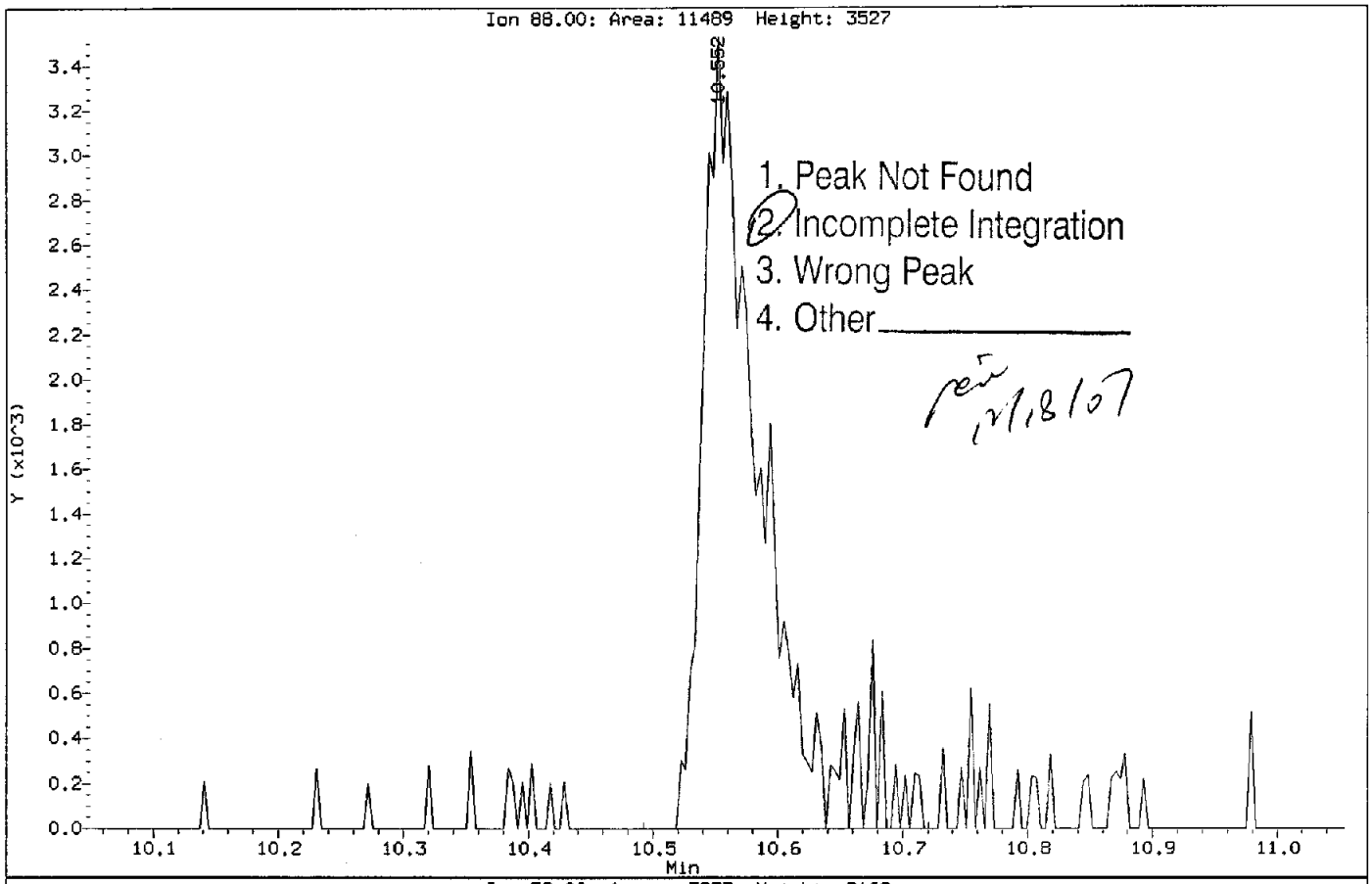
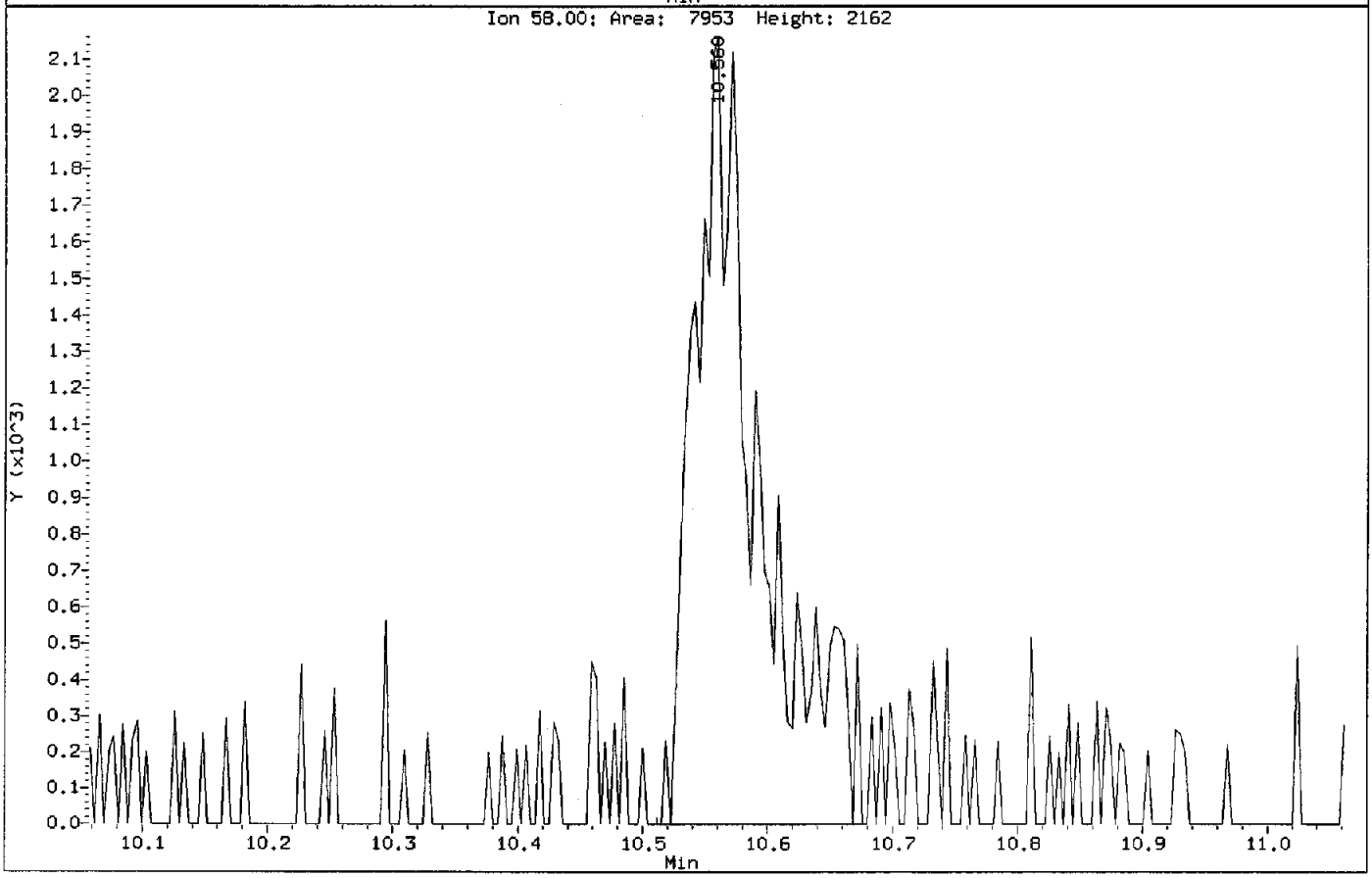
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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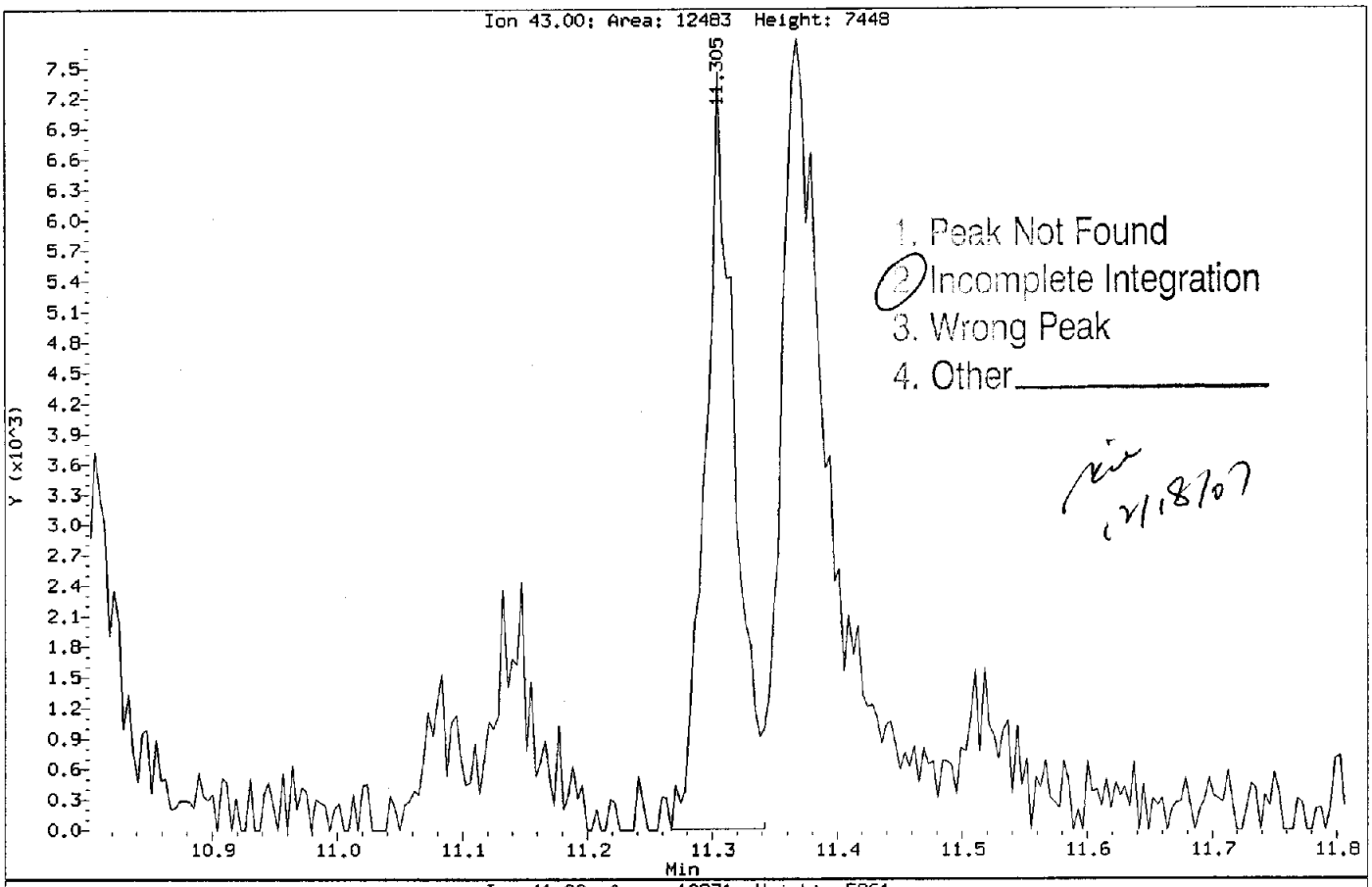
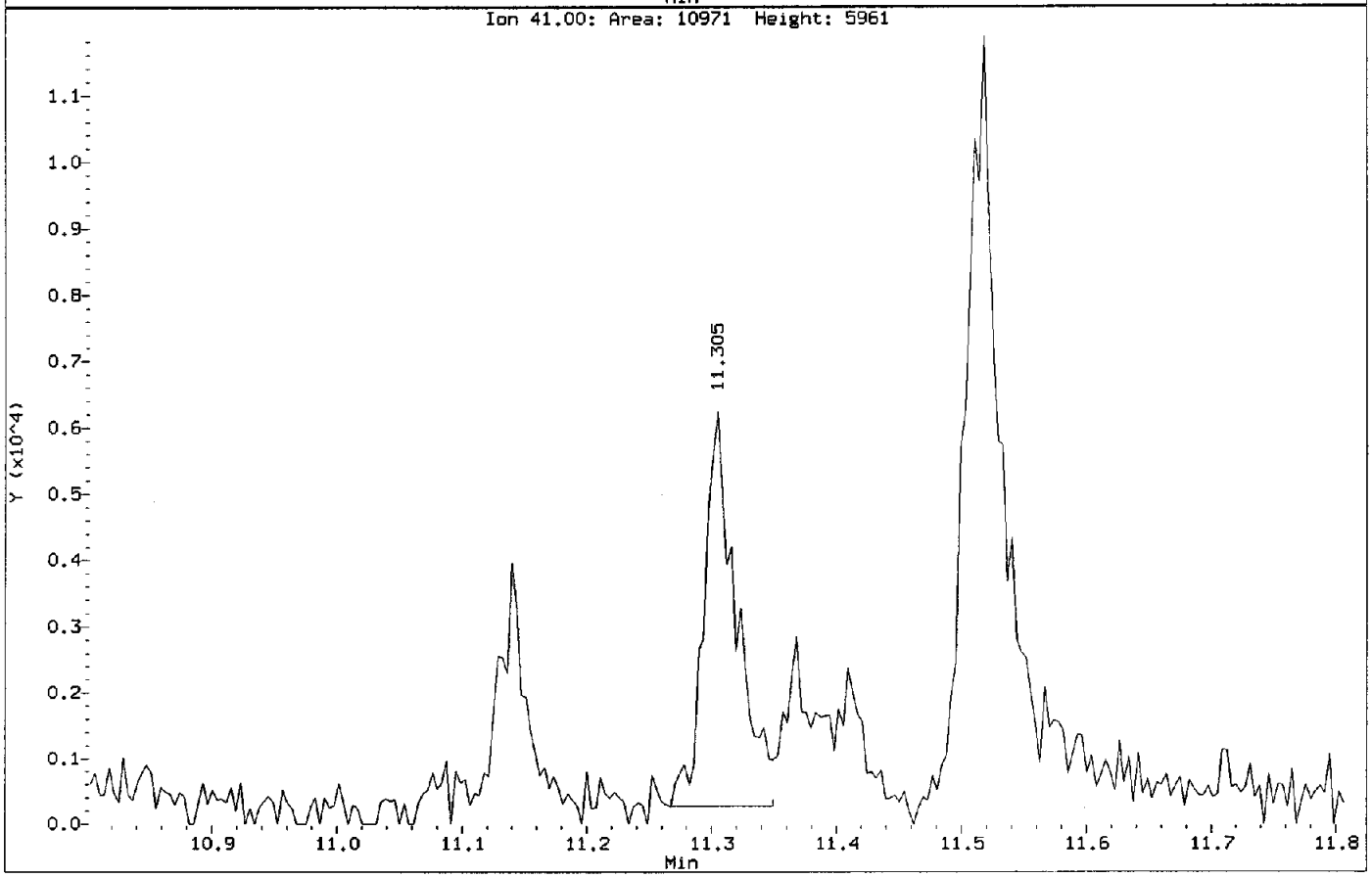
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: 2-Nitro-Propane
CAS Number: 79-46-9





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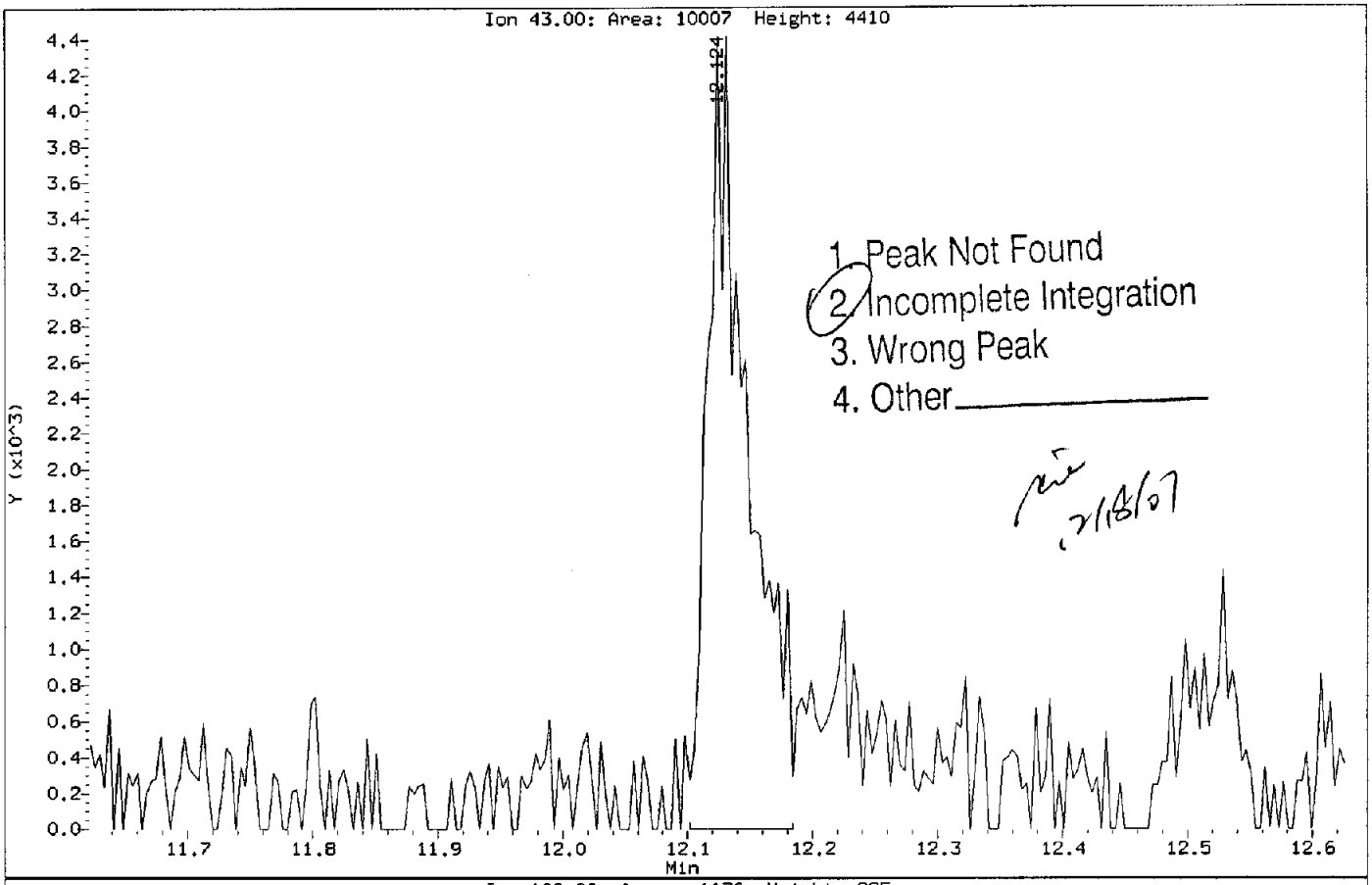
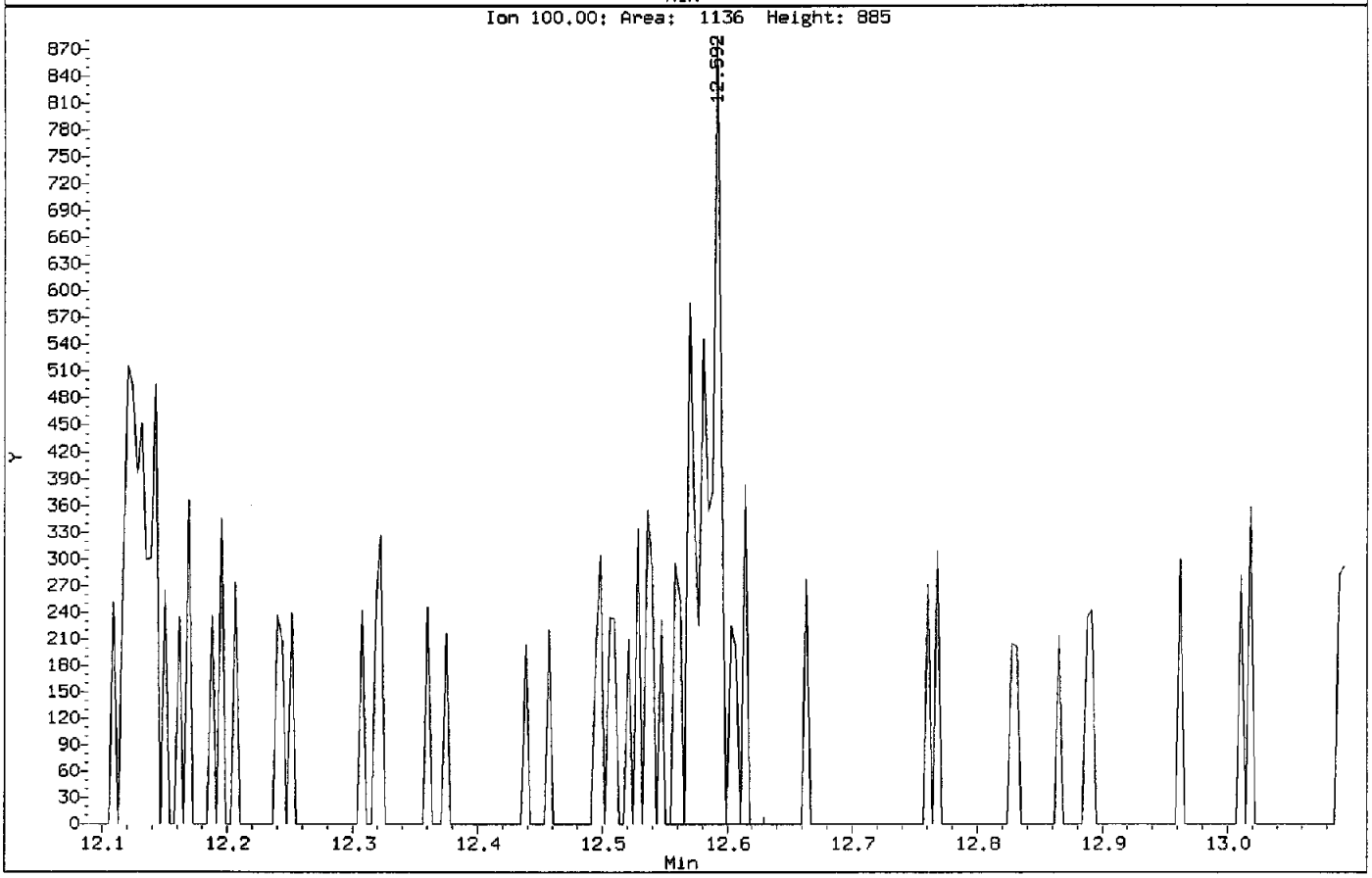
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: 2-Hexanone
CAS Number: 591-78-6





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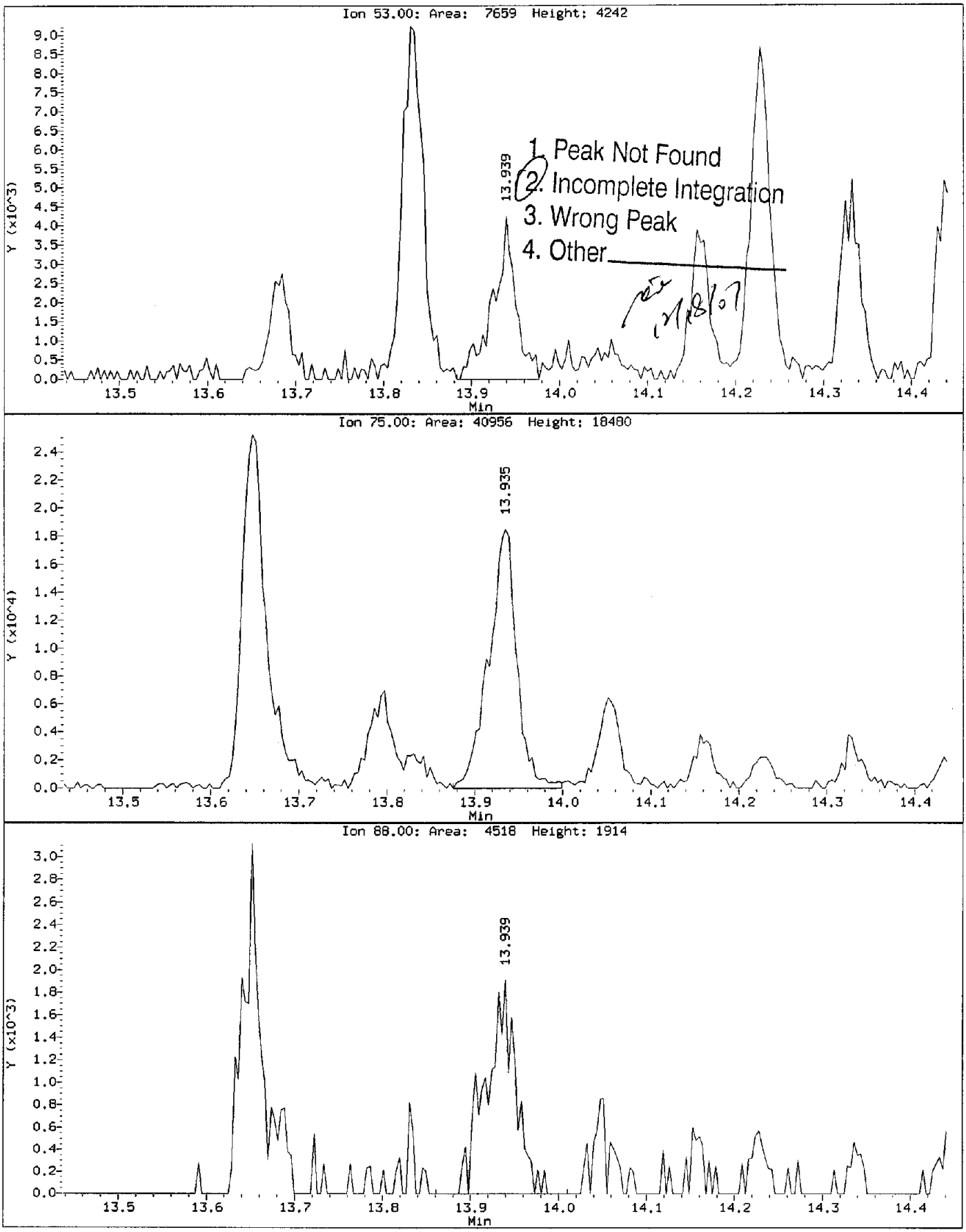
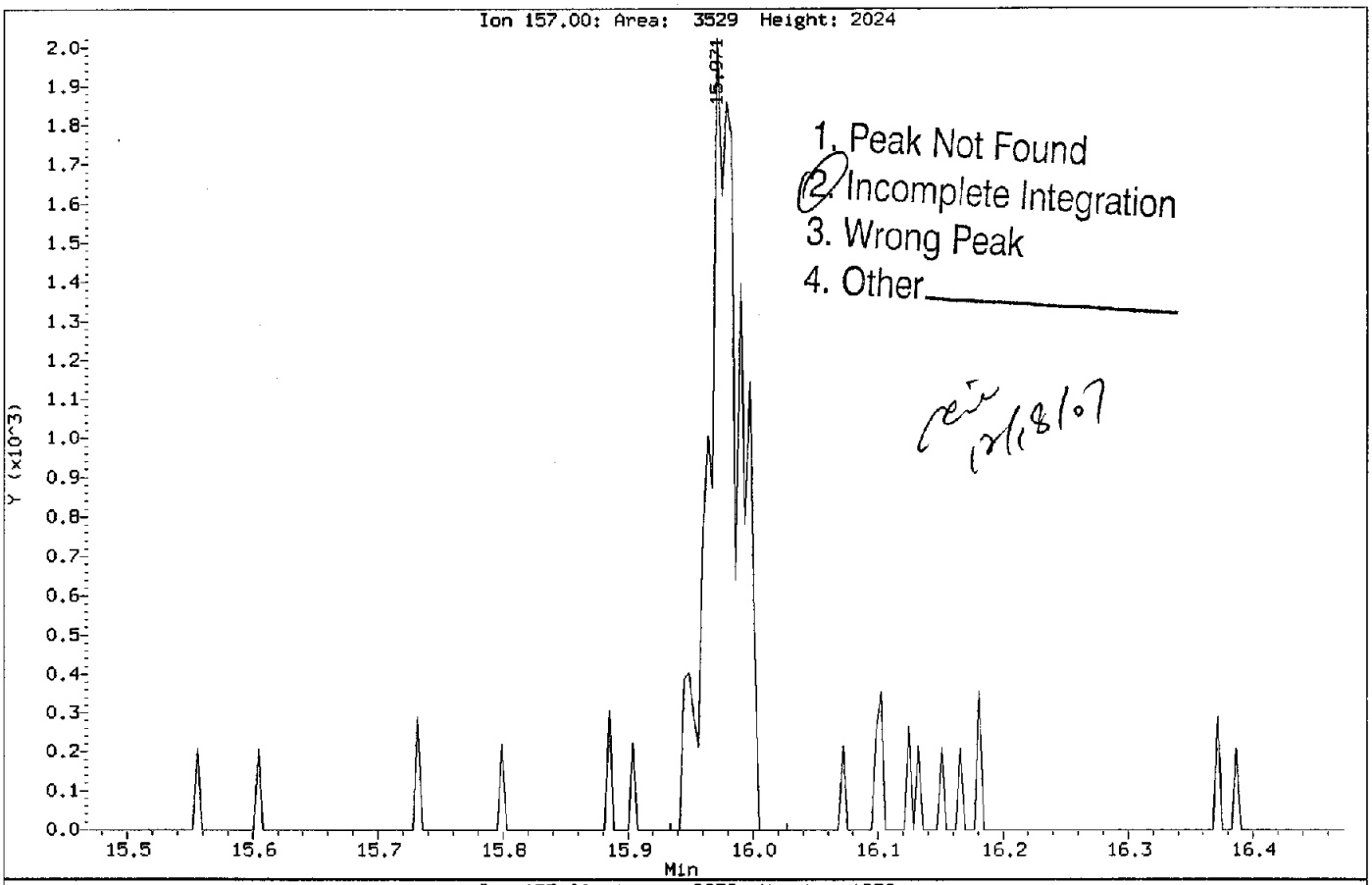
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: trans-1,4-dichloro-2-butene
CAS Number: 110-57-6



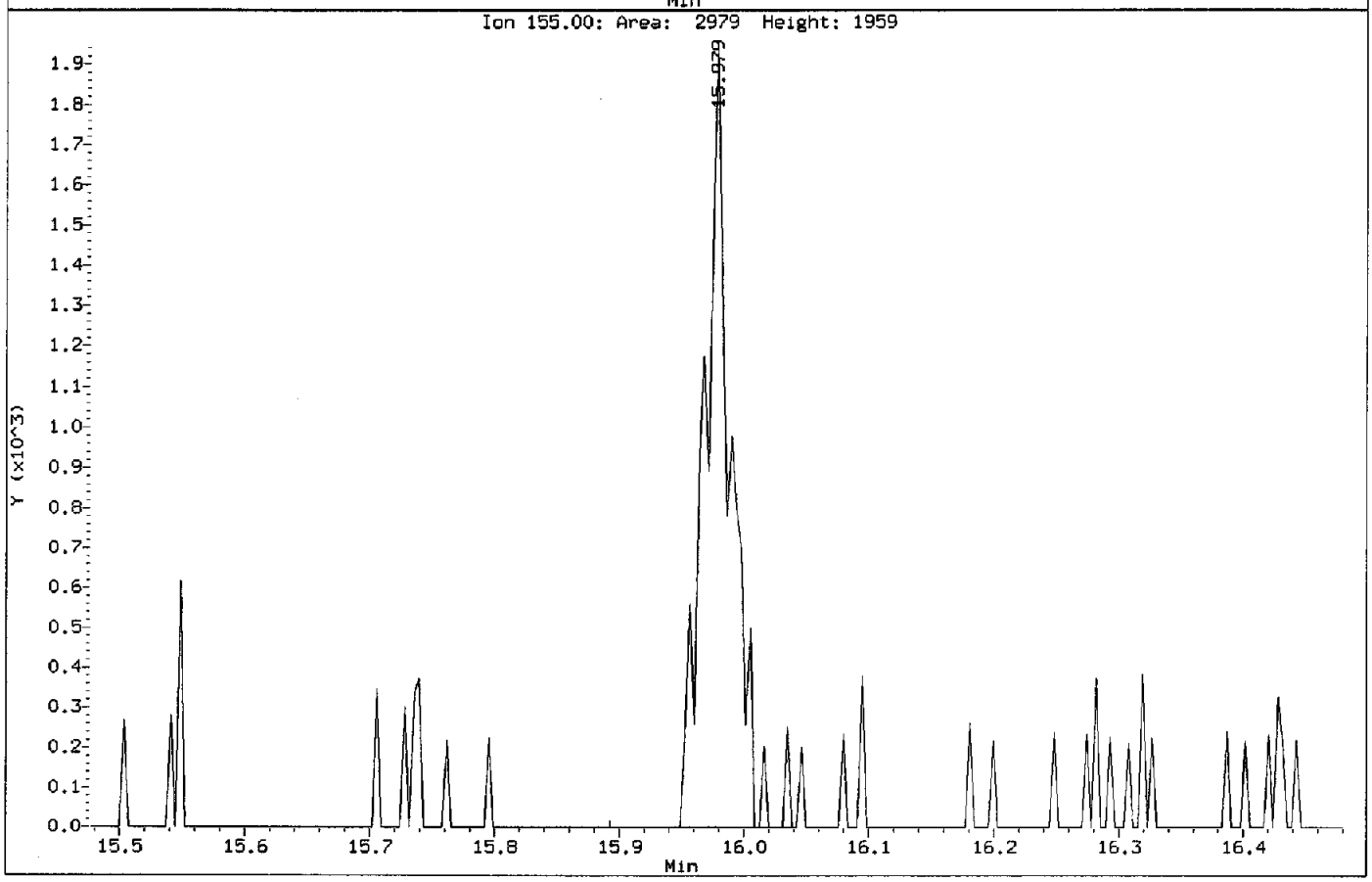
Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7327.D
Injection Date: 17-DEC-2007 15:24
Instrument: MSL.i
Client Sample ID: VSTD4.0

Compound: 1,2-Dibromo-3-chloropropane
CAS Number: 96-12-8



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12/18/07



Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Lab Smp Id: VSTD2.0 Client Smp ID: VSTD2.0
Inj Date : 17-DEC-2007 15:50
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD2.0;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 11:25 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 15:50 Cal File: LCAL7328.D
Als bottle: 3 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	3.461	3.461	(0.358)	64690	2.00000	2.046
2	Freon-114	135	3.741	3.741	(0.387)	15219	2.00000	2.046(M)
3	Chloromethane	50	3.906	3.906	(0.404)	111878	2.00000	1.946
4	Vinyl Chloride	62	4.100	4.100	(0.424)	96275	2.00000	1.978
5	Bromomethane	94	4.800	4.800	(0.496)	65088	2.00000	1.848
6	Chloroethane	64	5.029	5.029	(0.520)	52190	2.00000	1.775
7	Trichlorofluoromethane	101	5.279	5.279	(0.546)	86543	2.00000	2.302
8	Diethyl ether	59	5.792	5.792	(0.599)	30604	4.00000	3.683
9	1,1-Dichloroethene	96	6.155	6.155	(0.636)	43470	2.00000	1.845
10	1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	45168	2.00000	1.897
11	Carbon Disulfide	76	6.308	6.308	(0.652)	145555	2.00000	1.880
12	Iodomethane	142	6.443	6.443	(0.666)	13674	2.00000	1.662(M)
13	Acrolein	56	6.634	6.634	(0.686)	4026	10.0000	12.38(M)
14	Allyl chloride	39	6.810	6.810	(0.704)	49290	2.00000	1.851
15	Methylene Chloride	84	6.971	6.971	(0.721)	40859	2.00000	1.859
16	Acetone	43	6.982	6.982	(0.722)	8241	2.00000	2.919(M)
17	trans-1,2-Dichloroethene	96	7.180	7.180	(0.742)	52855	2.00000	1.866
18	n-Hexane	57	7.180	7.180	(0.742)	81668	2.00000	1.633
19	Methyl Acetate	74	7.124	7.124	(0.737)	4375	2.00000	2.072(M)
20	MTBE	73	7.221	7.221	(0.747)	49110	2.00000	2.213
M 21	1,2-Dichloroethene (total)	96				98469	4.00000	3.737
22	Acetonitrile	41	7.584	7.584	(0.784)	7826	10.0000	12.44(M)

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Report Date: 18-Dec-2007 11:25

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	23	Acrylonitrile	53	7.925	7.925	(0.819)	18356	10.0000	8.427
	24	1,1-Dichloroethane	63	7.876	7.876	(0.814)	94323	2.00000	1.890
	25	2-Chloro-1,3-butadiene	53	7.846	7.846	(0.811)	73783	2.00000	1.836
	26	Vinyl acetate	43	8.097	8.097	(0.837)	20723	2.00000	1.641
	27	cis-1,2-Dichloroethene	96	8.464	8.464	(0.875)	45614	2.00000	1.872
	28	2,2-Dichloropropane	77	8.542	8.542	(0.883)	77533	2.00000	1.863
	29	Bromochloromethane	128	8.700	8.700	(0.899)	10852	2.00000	1.918(M)
	30	Cyclohexane	84	8.662	8.662	(0.896)	81013	2.00000	1.850
	31	Chloroform	83	8.711	8.711	(0.901)	73397	2.00000	1.796
	32	Ethyl acetate	43	8.775	8.775	(0.907)	5098	4.00000	4.811(M)
	33	Carbon Tetrachloride	117	8.898	8.898	(0.920)	63621	2.00000	1.905
	34	Isobutanol	42	8.909	8.909	(0.921)	12374	40.0000	42.92(M)
	35	Tetrahydrofuran	71	8.905	8.905	(0.921)	5219	10.0000	9.186
$	36	Dibromofluoromethane	113	8.913	8.913	(0.921)	25588	2.00000	1.748
	37	1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	75513	2.00000	1.880
	38	2-Butanone	43	8.977	8.977	(0.928)	3429	2.00000	1.916(M)
	39	1,1-Dichloropropene	75	9.055	9.055	(0.936)	72755	2.00000	1.868
	40	Benzene	78	9.313	9.313	(0.963)	219555	2.00000	1.922
	41	Propionitrile	54	9.287	9.287	(0.960)	6410	10.0000	9.214(M)
	42	Methacrylonitrile	41	9.291	9.291	(0.961)	32146	10.0000	11.72
$	43	1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	22295	2.00000	1.937
	44	1,2-Dichloroethane	62	9.515	9.515	(0.984)	29284	2.00000	1.909
*	45	Fluorobenzene	96	9.673	9.673	(1.000)	987352	10.0000	
	46	n-Butanol	56	10.167	10.167	(1.051)	1514	20.0000	18.89(M)
	47	Methylcyclohexane	55	9.815	9.815	(1.015)	77297	2.00000	1.865
	48	Trichloroethene	130	9.856	9.856	(1.019)	51973	2.00000	1.878
	49	Dibromomethane	93	10.313	10.313	(1.066)	9630	2.00000	1.949(M)
	50	1,2-Dichloropropane	63	10.328	10.328	(1.068)	42336	2.00000	1.956
	51	Bromodichloromethane	83	10.391	10.391	(1.074)	37686	2.00000	1.814
M	52	Xylenes (total)	106				266289	6.00000	5.263
	53	Methyl methacrylate	69	10.421	10.421	(1.077)	7218	2.00000	1.774(M)
	54	1,4-Dioxane	88	10.552	10.552	(1.091)	7552	40.0000	42.59(M)
	55	2-chloroethyl vinyl ether	63	10.814	10.814	(1.118)	5084	2.00000	1.899(M)
	56	cis-1,3-Dichloropropene	75	10.930	10.930	(1.130)	39505	2.00000	1.842
$	57	Toluene-d8	98	11.087	11.087	(0.885)	157145	2.00000	1.830
	58	Toluene	91	11.143	11.143	(0.889)	219495	2.00000	1.823
	59	2-Nitro-Propane	43	11.315	11.315	(0.903)	6535	2.00000	2.390(M)
	60	4-Methyl-2-pentanone	43	11.372	11.372	(0.907)	10381	2.00000	2.032(M)
	61	trans-1,3-Dichloropropene	75	11.503	11.503	(0.918)	28031	2.00000	1.956
	62	Tetrachloroethene	164	11.525	11.525	(0.920)	47812	2.00000	2.442
	63	Ethyl methacrylate	69	11.521	11.521	(0.919)	11137	2.00000	2.253
	64	1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	16057	2.00000	1.902
	65	Chlorodibromomethane	129	11.896	11.896	(0.949)	16095	2.00000	1.884
	66	1,3-Dichloropropane	76	11.911	11.911	(0.950)	30311	2.00000	1.852
	67	1,2-Dibromoethane	107	12.157	12.157	(0.970)	10046	2.00000	1.590
	68	2-Hexanone	43	12.135	12.135	(0.968)	6511	2.00000	2.564(M)
	69	Ethylbenzene	106	12.506	12.506	(0.998)	78017	2.00000	1.805
*	70	Chlorobenzene-d5	117	12.532	12.532	(1.000)	574420	10.0000	
	71	Chlorobenzene	112	12.550	12.550	(1.001)	112538	2.00000	1.827
	72	1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	29983	2.00000	1.817
	73	m,p-Xylenes	106	12.614	12.614	(1.007)	188932	4.00000	3.463
	74	o-Xylene	106	13.037	13.037	(1.040)	77357	2.00000	1.800
	75	Styrene	104	13.097	13.097	(1.045)	129200	2.00000	2.128
	76	Bromoform	173	13.261	13.261	(0.901)	5798	2.00000	1.815(M)

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	77 Isopropylbenzene	105	13.295	13.295	(0.903)	213001	2.00000	1.899
$	78 4-Bromofluorobenzene	95	13.651	13.651	(0.927)	37255	2.00000	1.909
	79 n-Propylbenzene	91	13.681	13.681	(0.929)	298139	2.00000	1.909
	80 Bromobenzene	156	13.797	13.797	(0.937)	29946	2.00000	1.886
	81 1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	15558	2.00000	1.929
	82 1,3,5-Trimethylbenzene	105	13.834	13.834	(0.940)	176255	2.00000	1.856
	83 2-Chlorotoluene	91	13.913	13.913	(0.945)	142961	2.00000	1.918
	84 1,2,3-Trichloropropane	110	13.939	13.939	(0.947)	4099	2.00000	1.966
	85 trans-1,4-dichloro-2-butene	53	13.950	13.950	(0.948)	3738	2.00000	2.178(M)
	86 4-Chlorotoluene	91	14.055	14.055	(0.955)	133890	2.00000	1.923
	87 Cyclohexanone	55	14.017	14.017	(0.952)	5638	20.0000	19.37
	88 t-Butylbenzene	119	14.160	14.160	(0.962)	161108	2.00000	1.898
	89 Pentachloroethane	167	14.272	14.272	(0.969)	10430	2.00000	1.697
	90 1,2,4-Trimethylbenzene	105	14.231	14.231	(0.967)	168564	2.00000	1.830
	91 sec-Butylbenzene	105	14.332	14.332	(0.974)	261083	2.00000	1.874
	92 4-Isopropyltoluene	119	14.440	14.440	(0.981)	197910	2.00000	1.871
	93 1,3-Dichlorobenzene	146	14.661	14.661	(0.996)	71139	2.00000	1.945
*	94 1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	198582	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.740	(1.001)	71073	2.00000	1.971
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	213163	2.00000	1.893
	98 1,2-Dichlorobenzene	146	15.170	15.170	(1.031)	50320	2.00000	1.860
	99 1,2-Dibromo-3-chloropropane	157	15.978	15.978	(1.085)	1459	2.00000	1.932
	100 Hexachlorobutadiene	225	16.555	16.555	(1.125)	21982	2.00000	2.066
	101 1,2,4-Trichlorobenzene	180	16.686	16.686	(1.133)	23714	2.00000	1.943
	102 Naphthalene	128	17.086	17.086	(1.161)	26508	2.00000	1.870
	103 1,2,3-Trichlorobenzene	180	17.299	17.299	(1.175)	13924	2.00000	2.038
	143 Nonanal	57	15.750	15.750	(1.628)	7663	2.00000	2.414(M)
$	158 1,2-Dichlorobenzene-d4	150	15.155	15.155	(1.029)	50574	2.00000	1.979

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

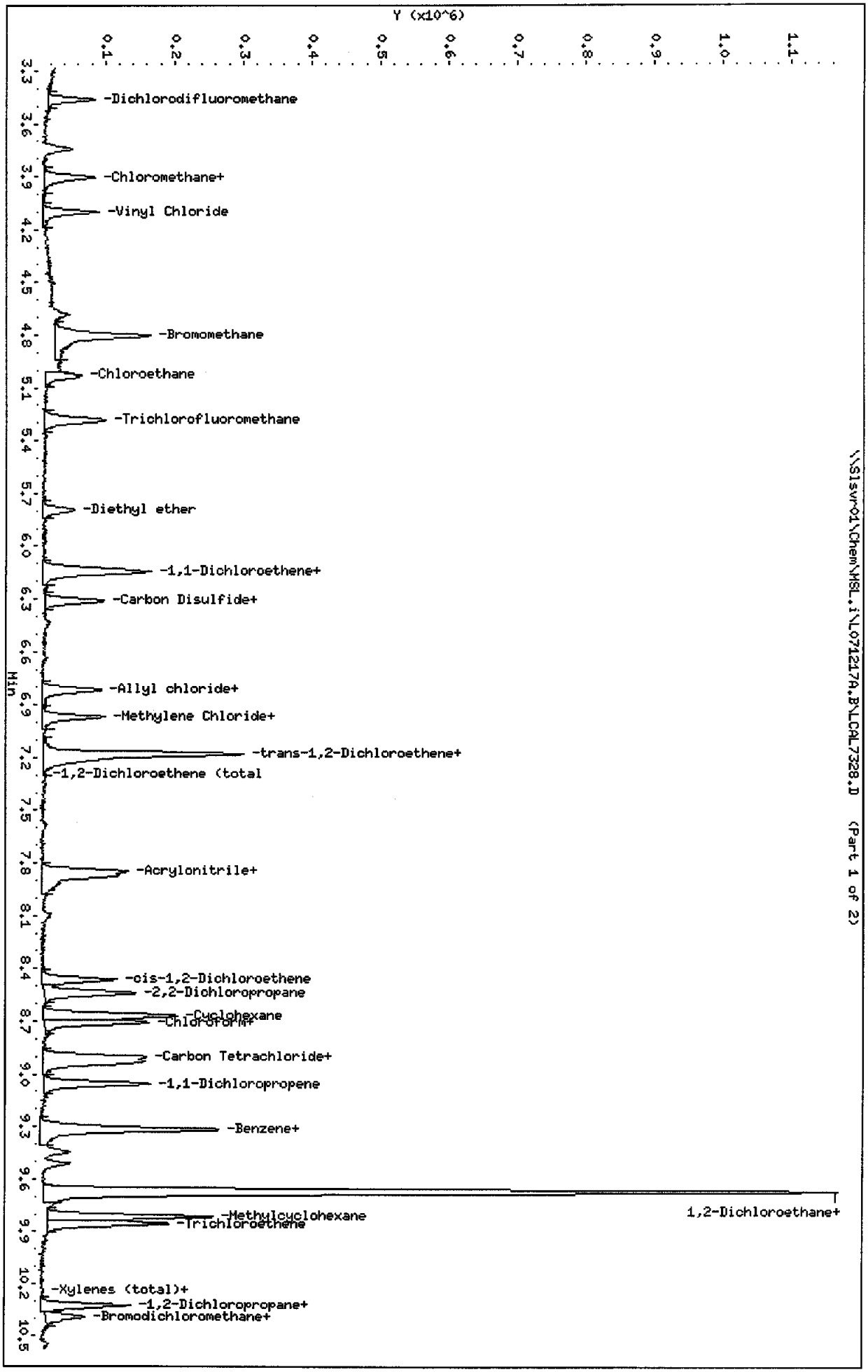
Instrument ID: MSL.i
Lab File ID: LCAL7328.D
Lab Smp Id: VSTD2.0
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD2.0
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	987352	0.35
70 Chlorobenzene-d5	563731	281866	1127462	574420	1.90
94 1,4 Dichlorobenze	211084	105542	422168	198582	-5.92

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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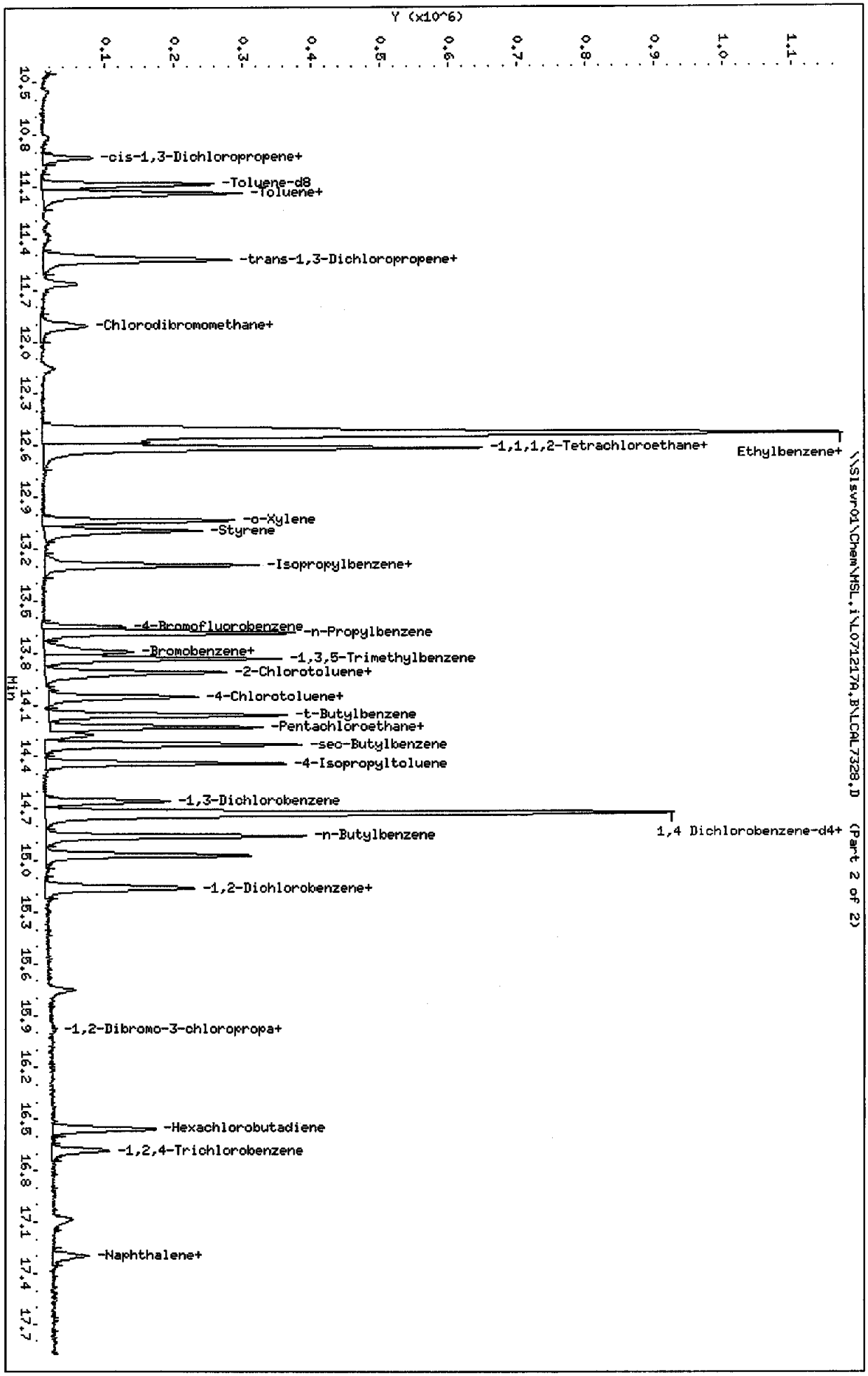
Date : 17-DEC-2007 15:50
Client ID: VSTD2.0
Sample Info: VSTD2.0;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D (Part 1 of 2)
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
Min
3.3
3.6
3.9
4.2
4.5
4.8
5.1
5.4
5.7
6.0
6.3
6.6
6.9
7.2
7.5
7.8
8.1
8.4
8.7
9.0
9.3
9.6
9.9
10.2
10.5
-Dichlorodifluoromethane
-Chloromethane+
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide+
-Allyl chloride+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-Acrylonitrile+
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Chloroform+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
1,2-Dichloroethane+
-Methylcyclohexane
-Trichloroethene
-Xylenes (total)+
-1,2-Dichloropropane+
-Bromodichloromethane+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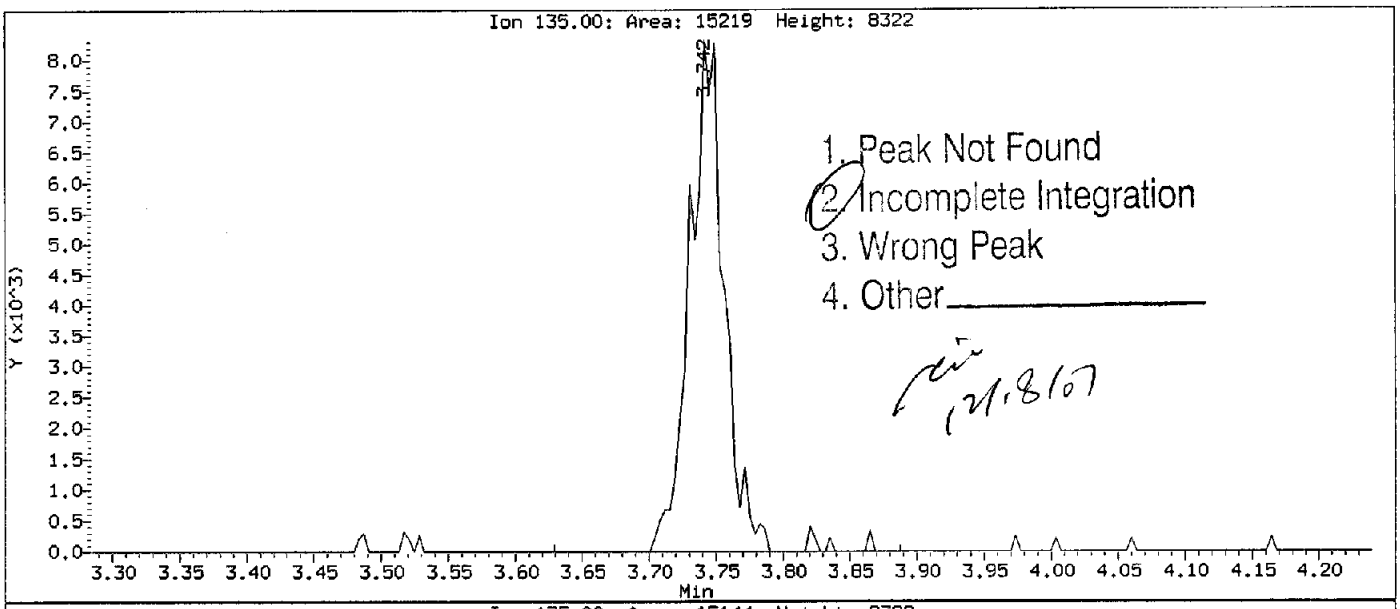
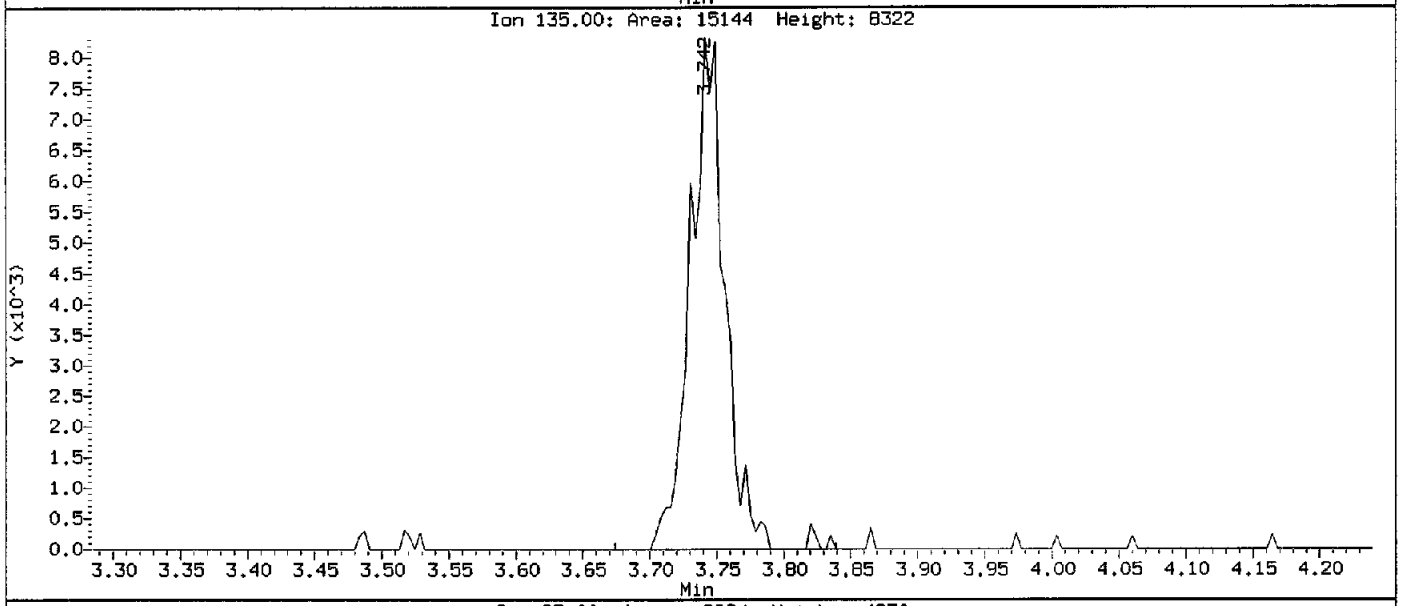
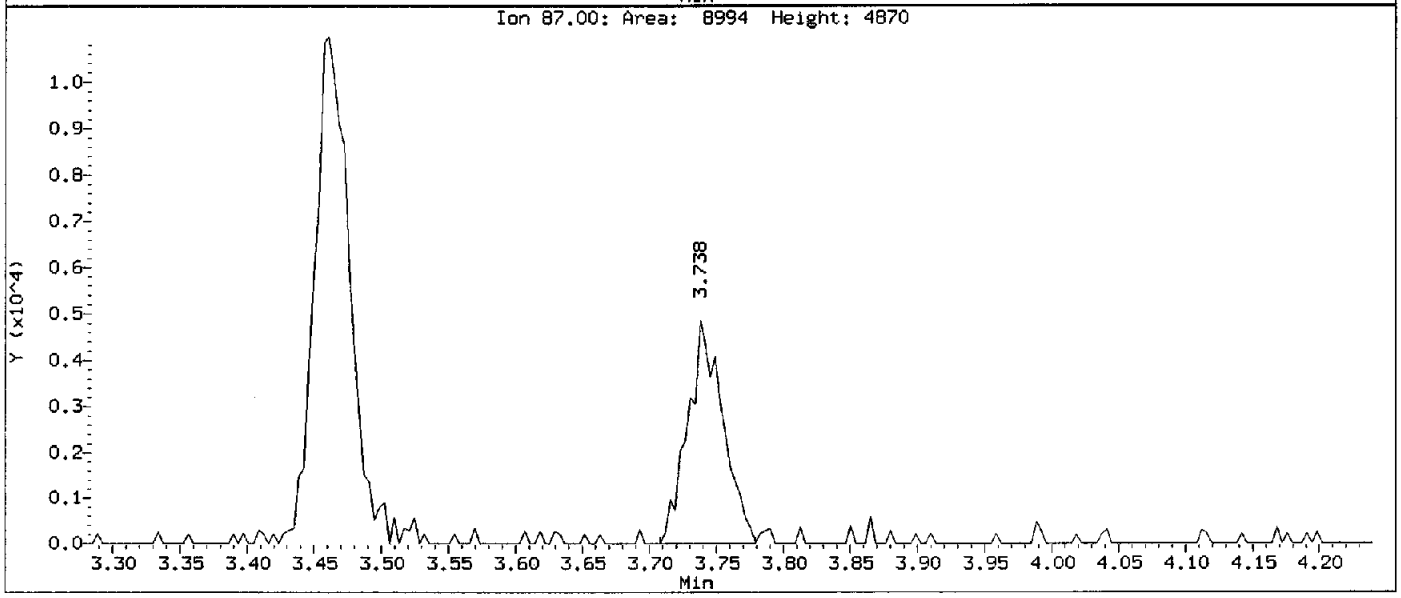
Date : 17-DEC-2007 15:50
Client ID: VSTD2.0
Sample Info: VSTD2.0;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
10.5
10.8
11.1
11.4
11.7
12.0
12.3
12.6
12.9
13.2
13.5
13.8
14.1
14.4
14.7
15.0
15.3
15.6
15.9
16.2
16.5
16.8
17.1
17.4
17.7
Min
-cis-1,3-Dichloropropene+
-Toluene-d8
-Toluene+
-trans-1,3-Dichloropropene+
-Chlorodibromomethane+
-1,1,1,2-Tetrachloroethane+
Ethylbenzene+
-o-Xylene
-Styrene
-Isopropylbenzene+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-4-Chlorotoluene+
-t-Butylbenzene
-Pentachloroethane+
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene+
-1,2-Dibromo-3-chloropropa+
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene+
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D (Part 2 of 2)

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Freon-114
CAS Number: 374-07-2







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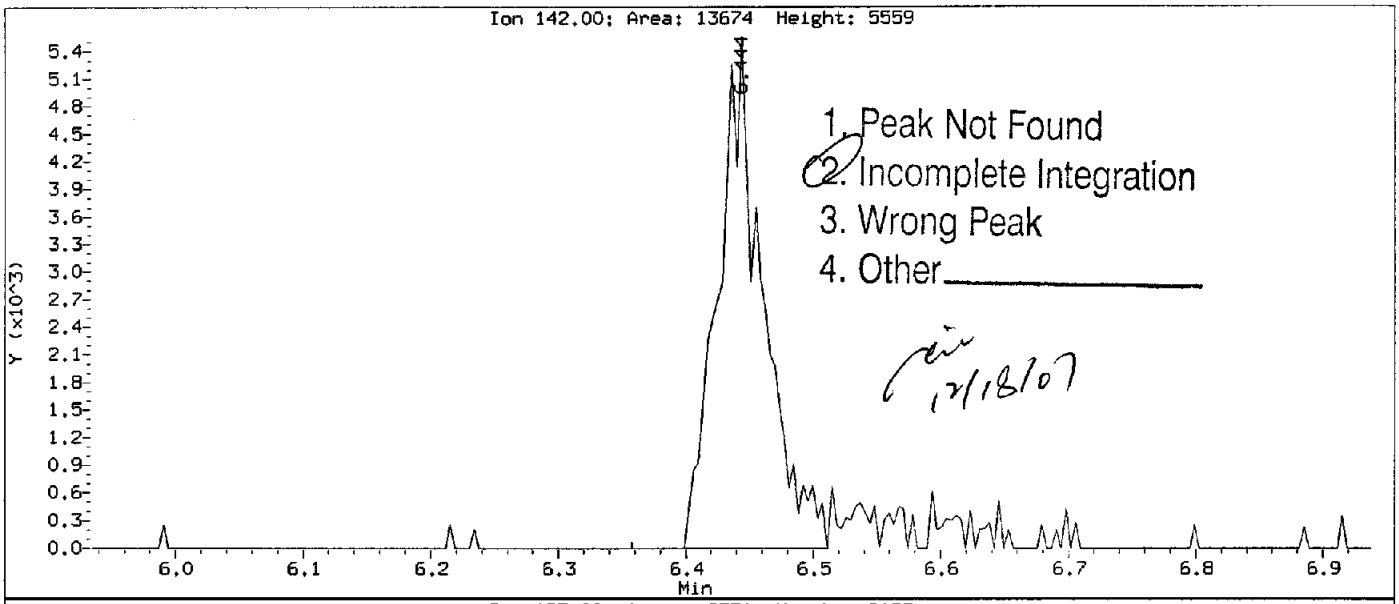
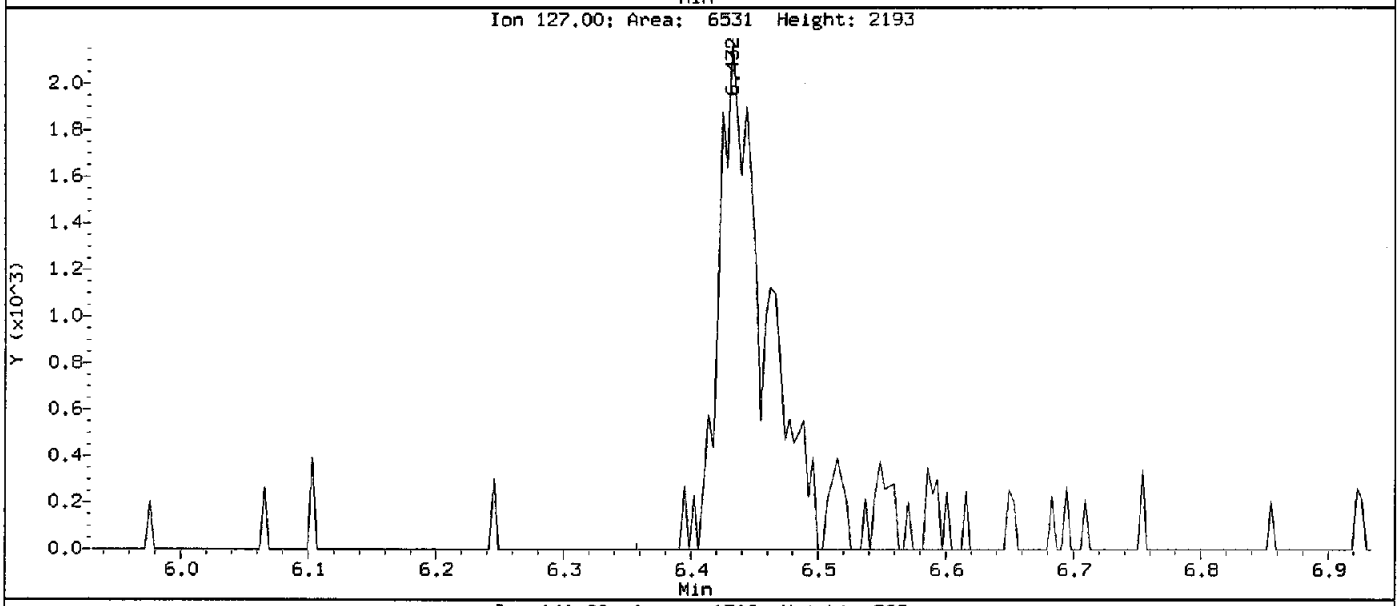
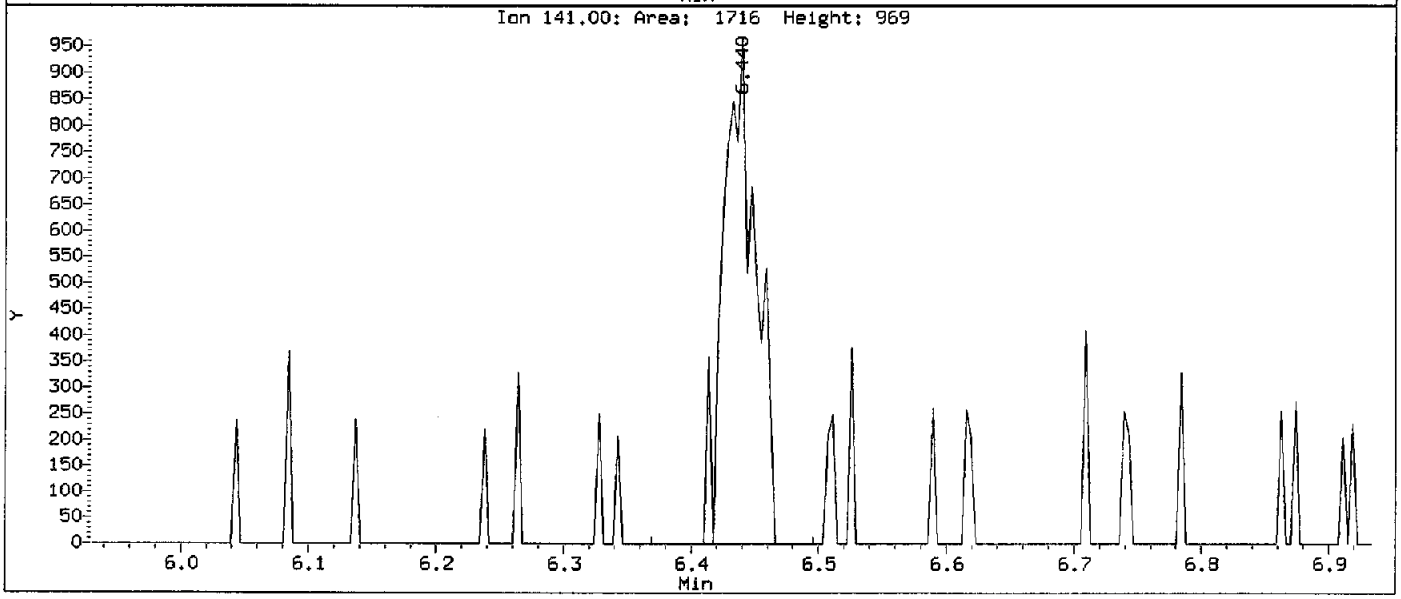
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Iodomethane
CAS Number: 74-88-4







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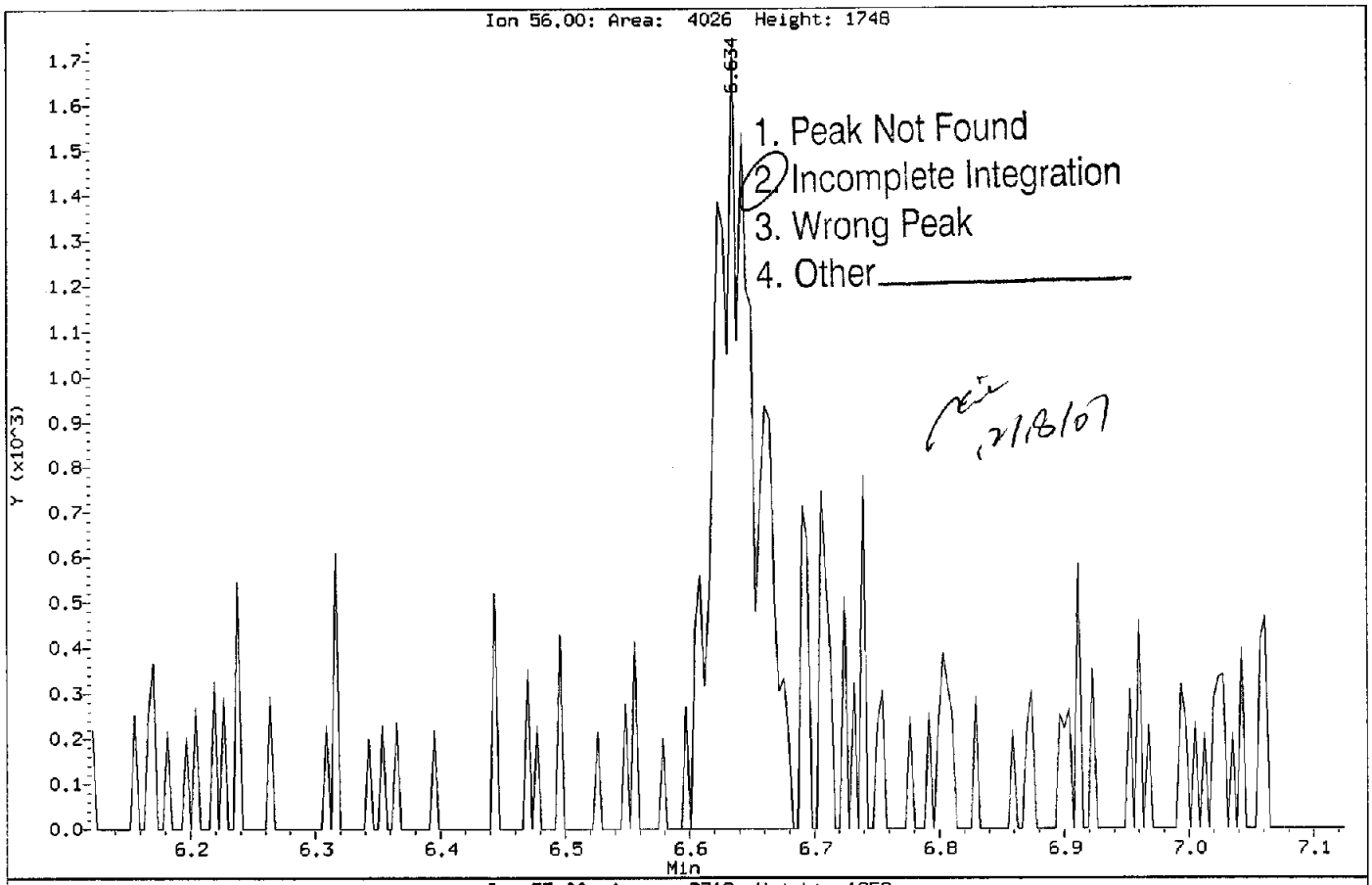
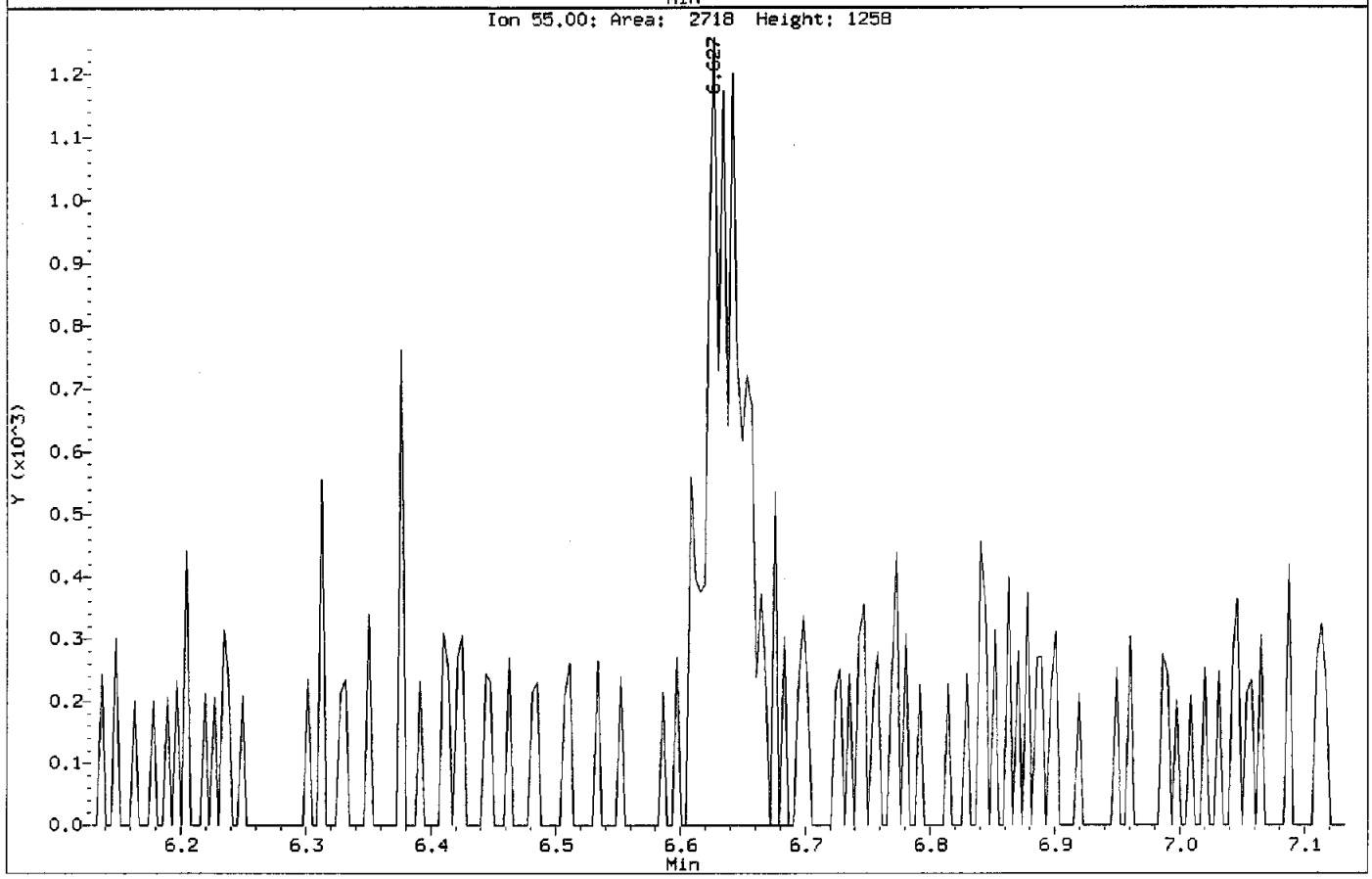
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Acrolein
CAS Number: 107-02-8





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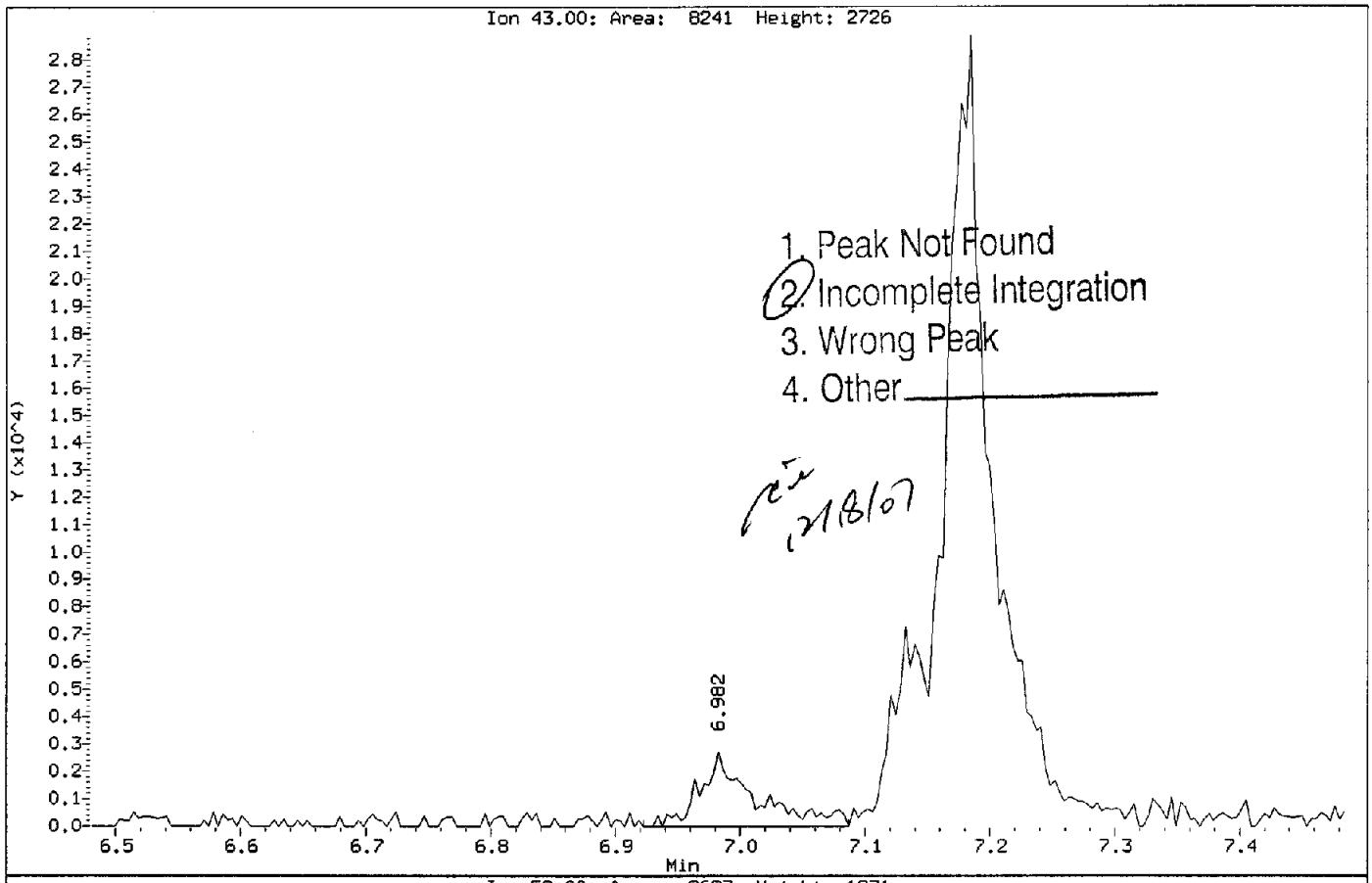
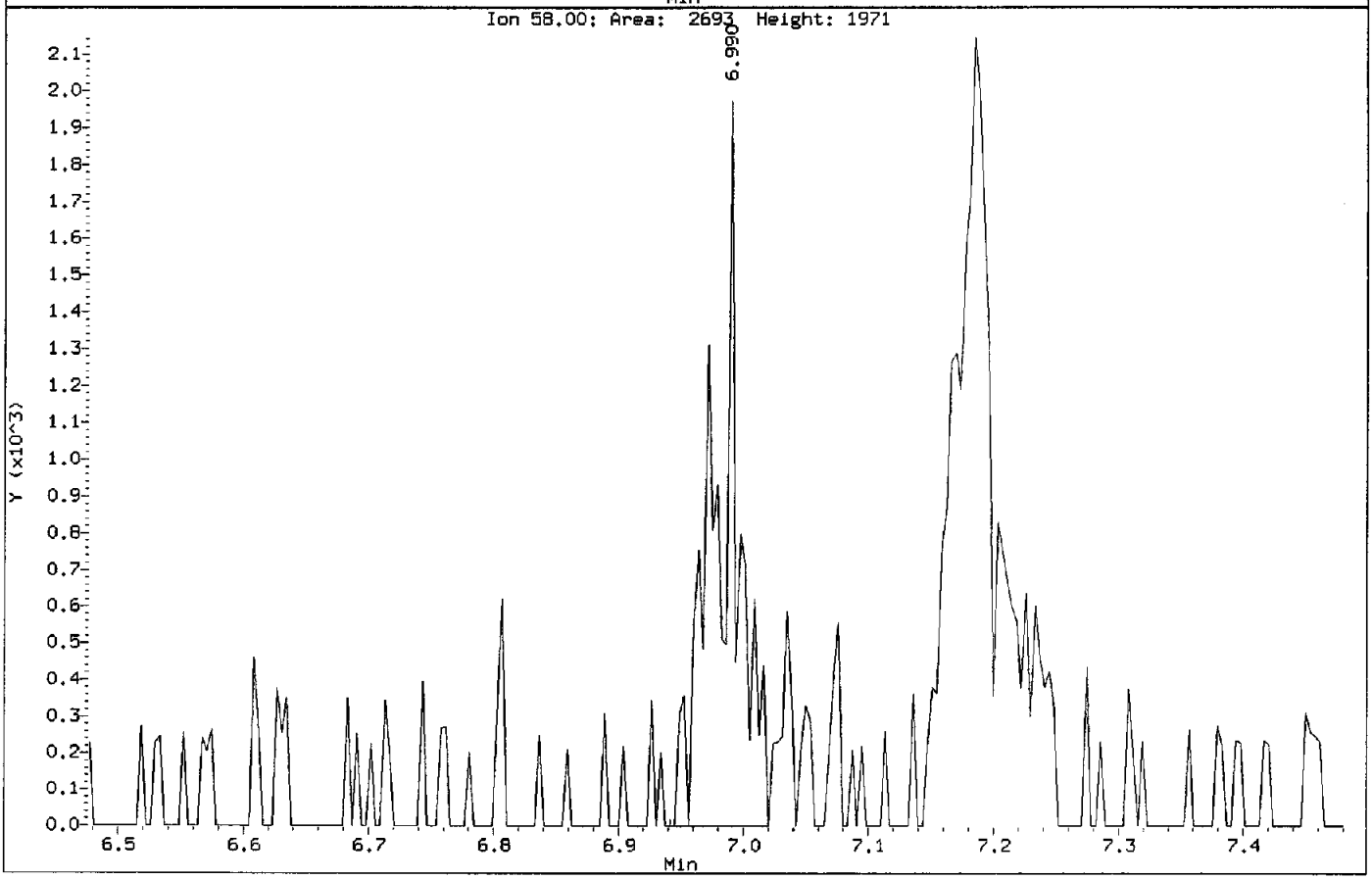
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Acetone
CAS Number: 67-64-1





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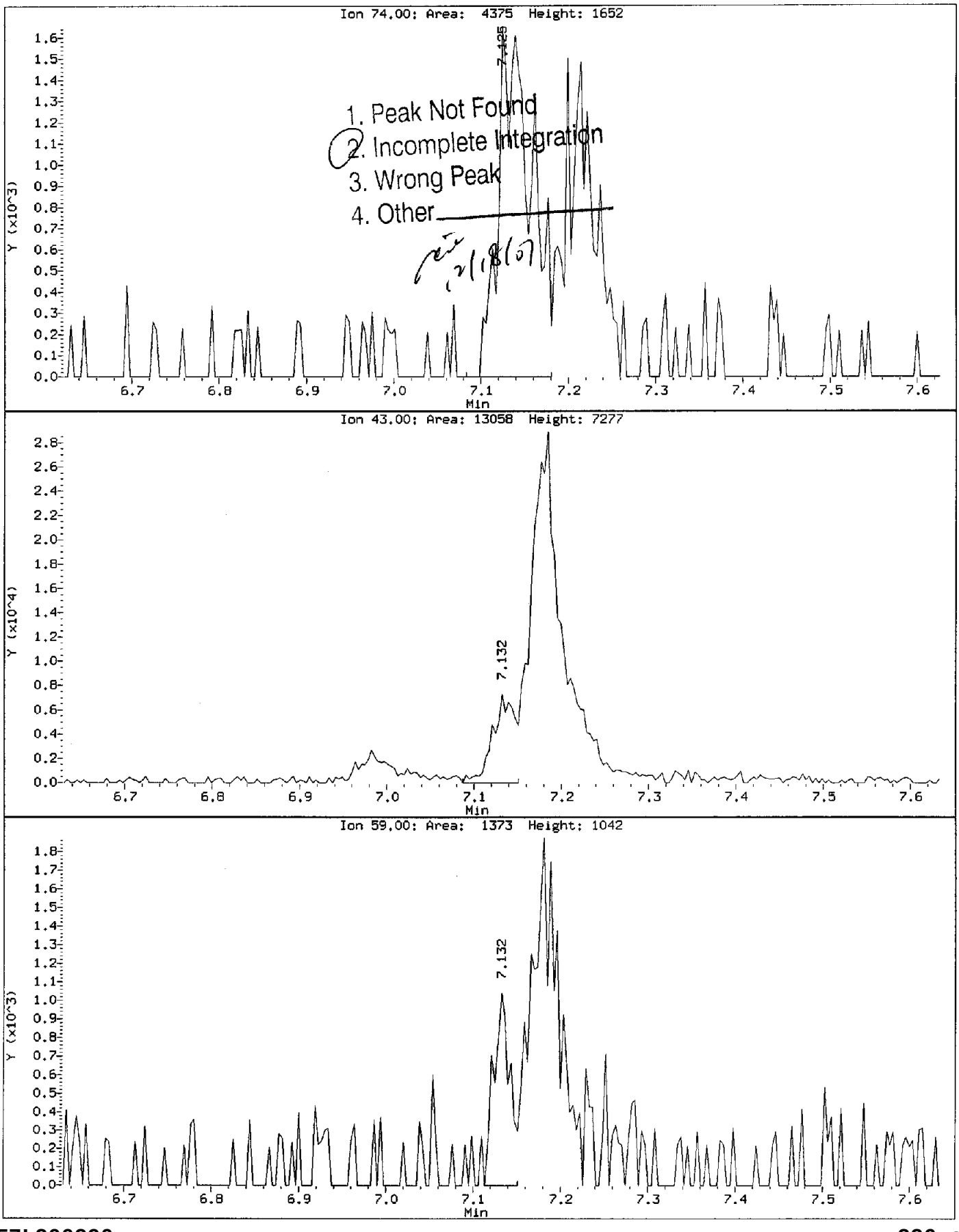
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Methyl Acetate
CAS Number:



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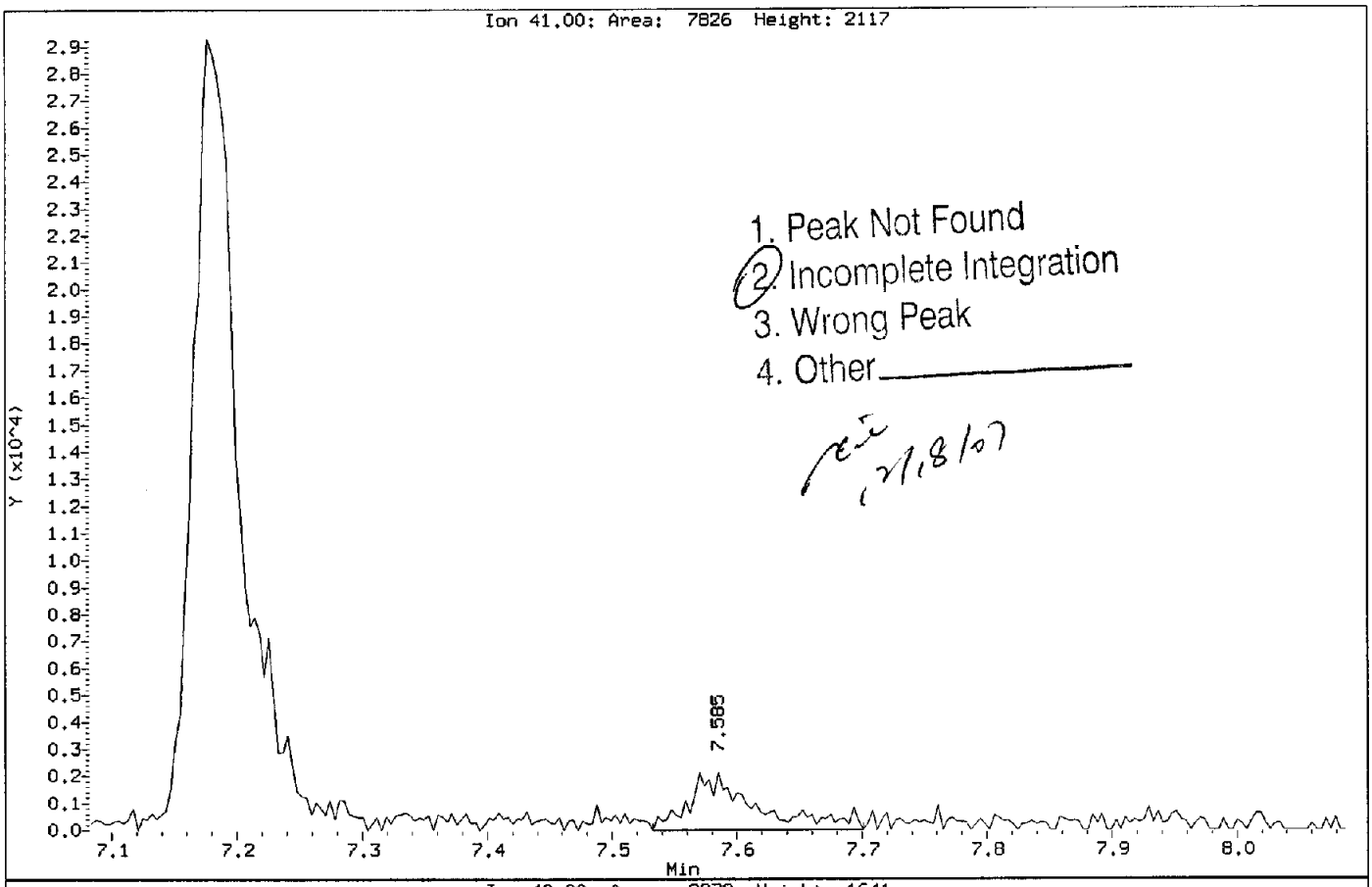
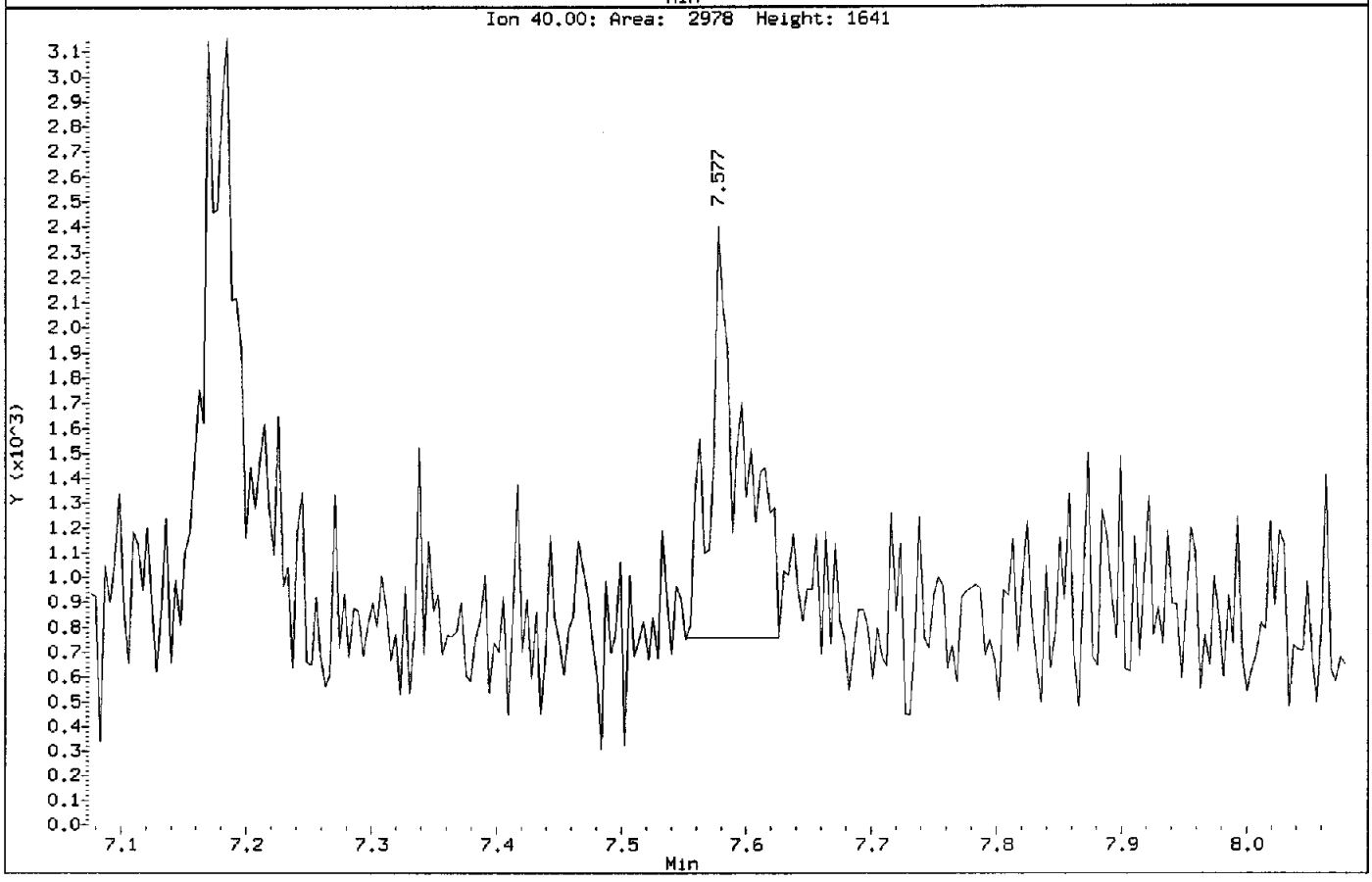
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Acetonitrile
CAS Number: 75-05-8





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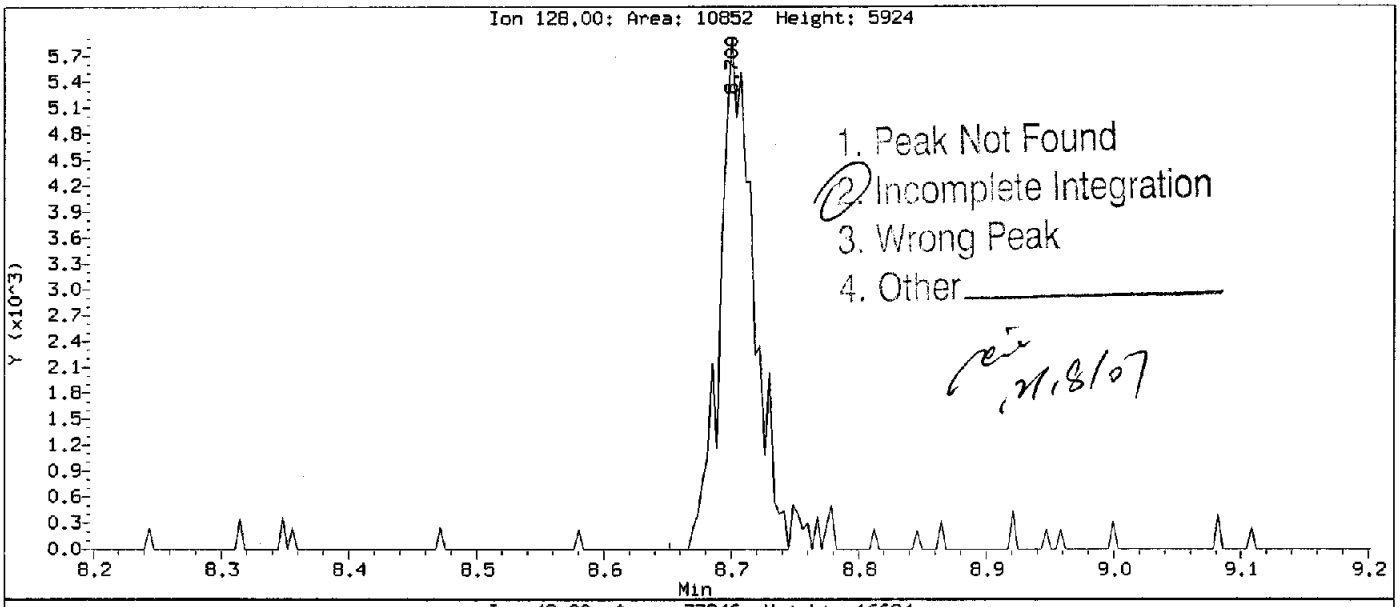
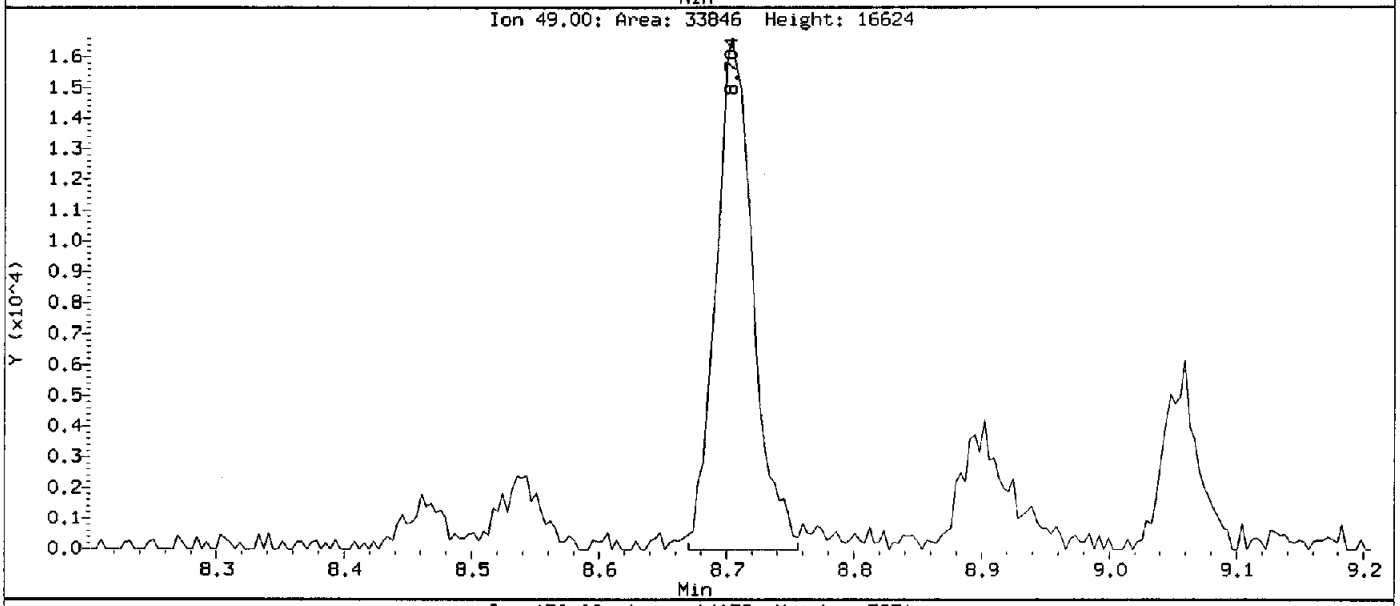
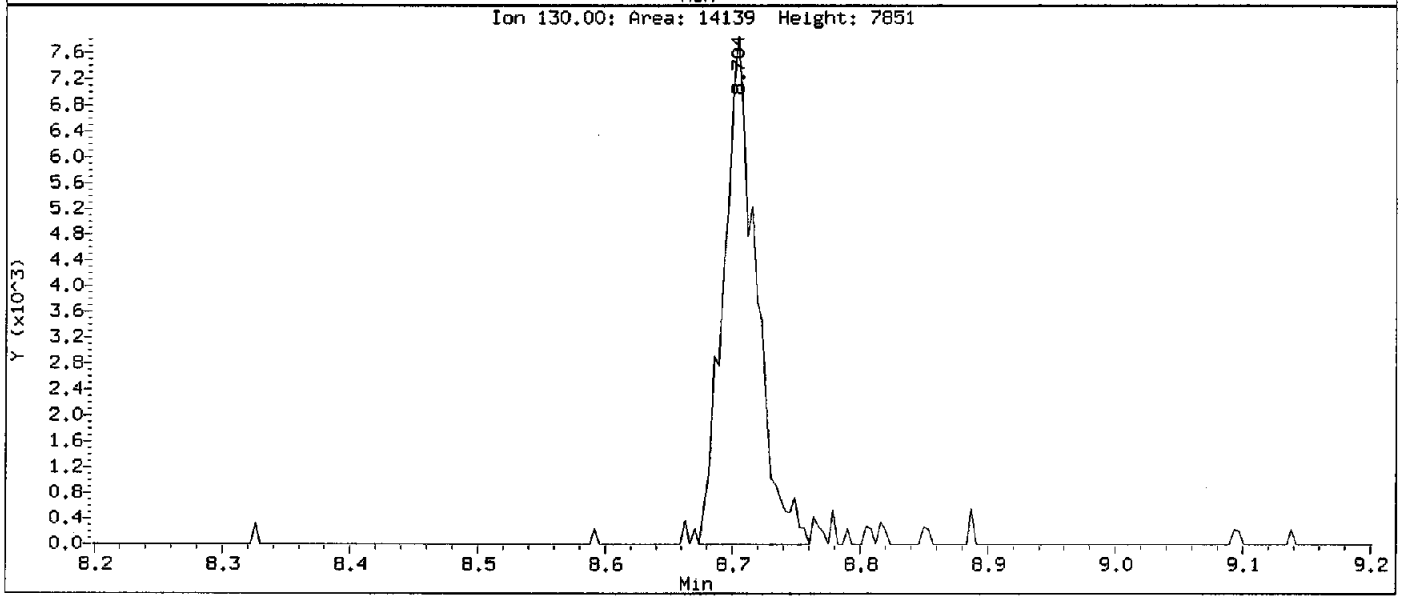
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Bromochloromethane
CAS Number: 74-97-5







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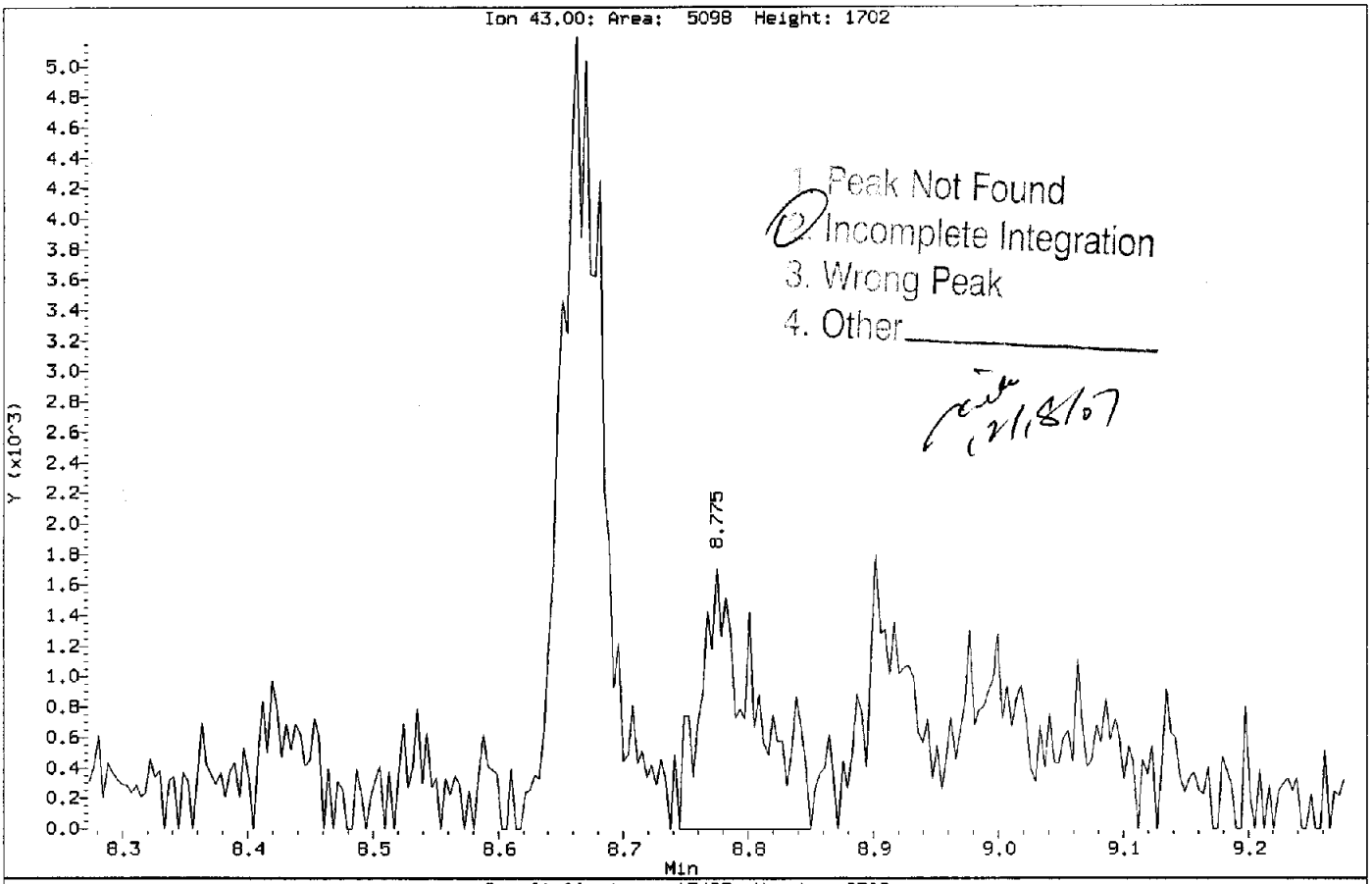
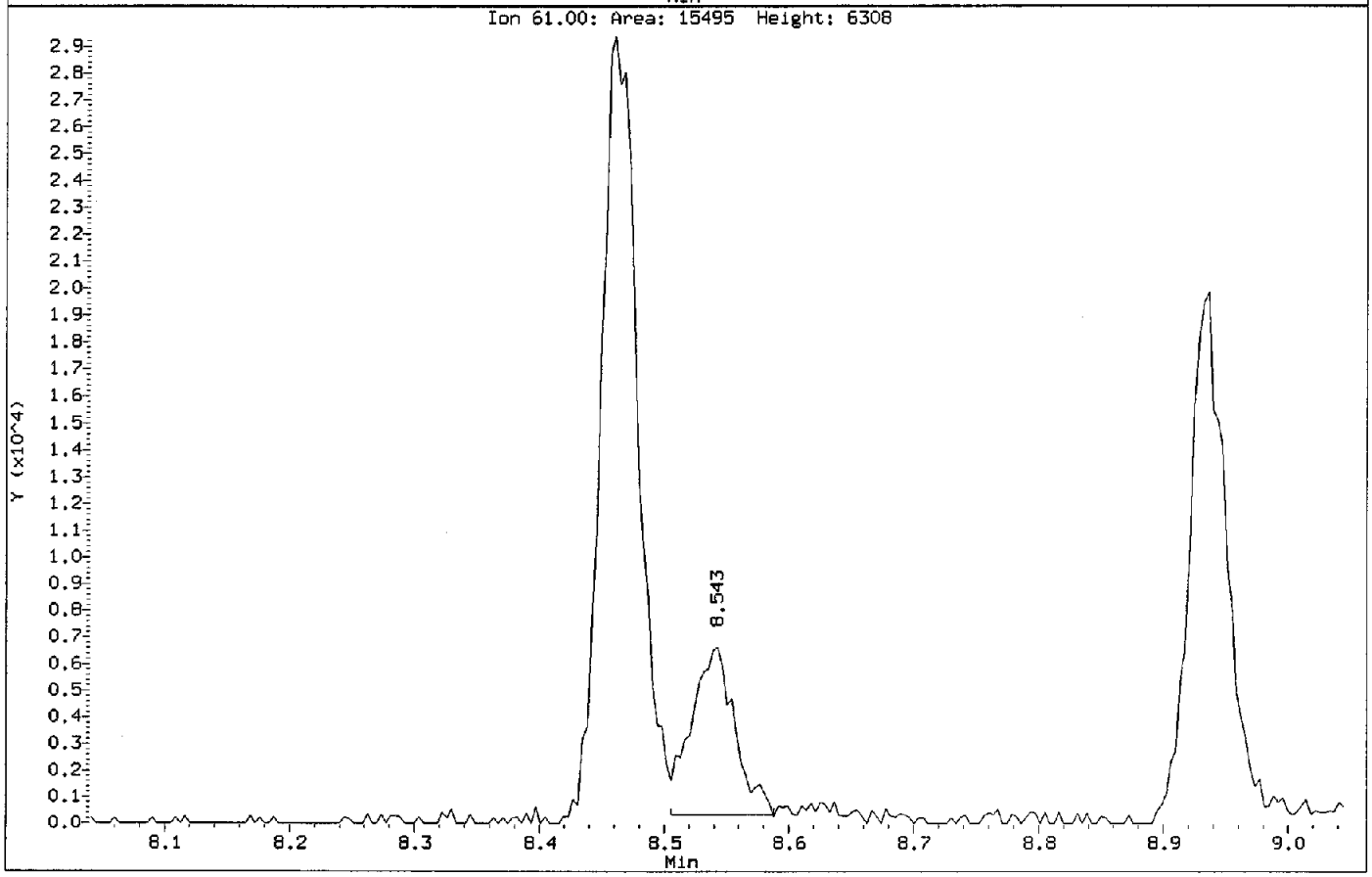
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Ethyl acetate
CAS Number: 141-78-6





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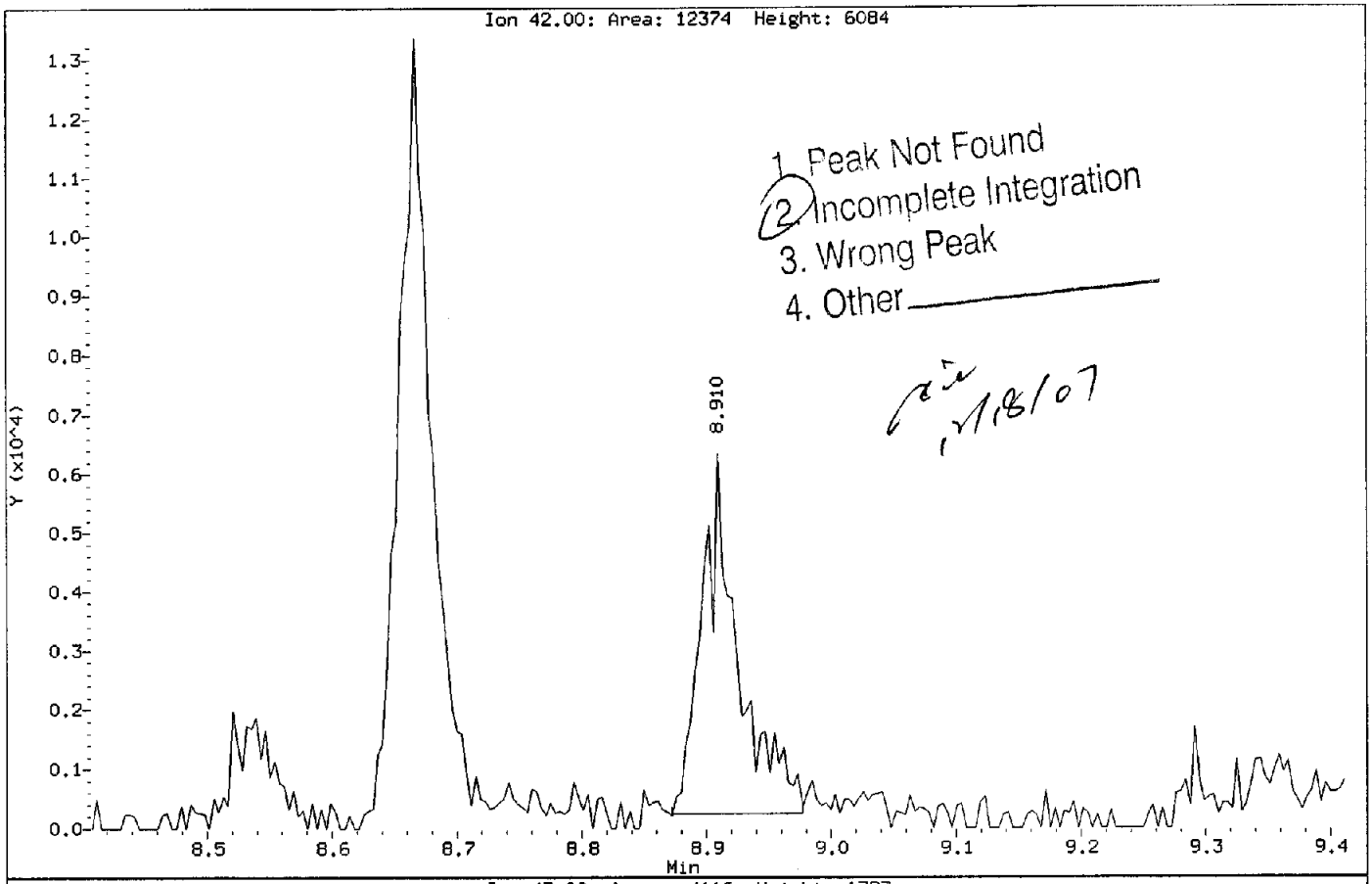
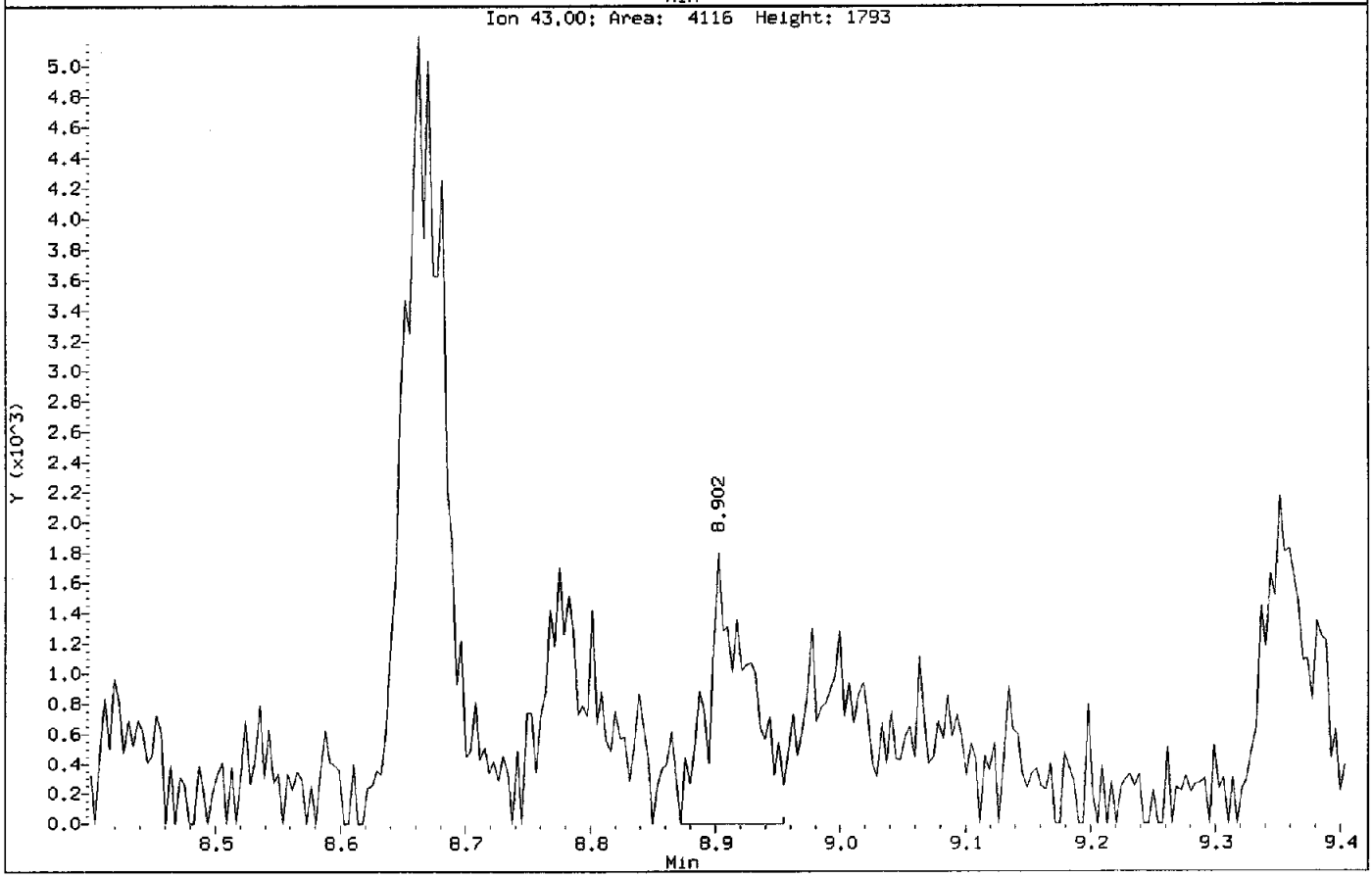
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

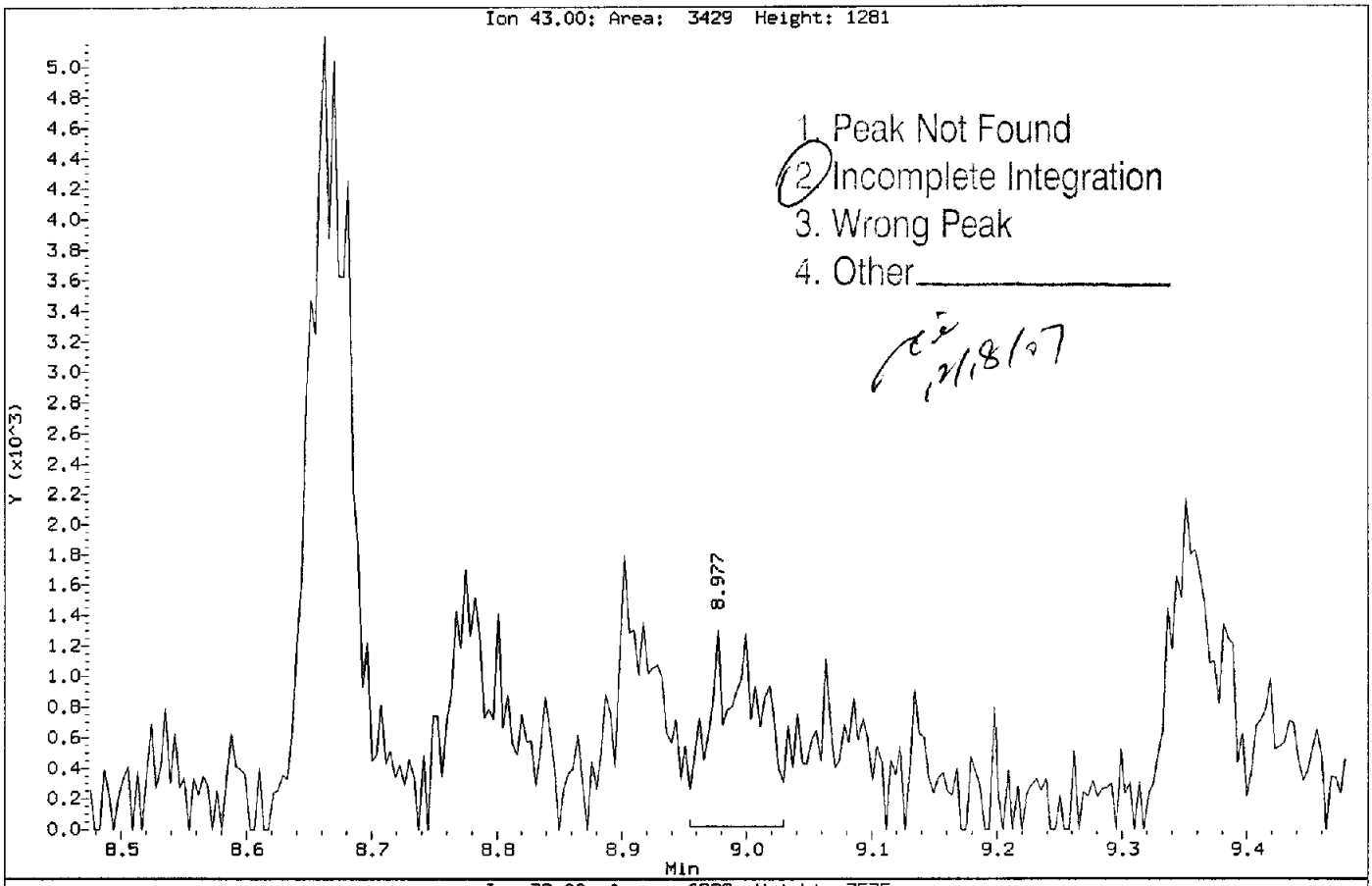
Compound: Isobutanol
CAS Number: 78-83-1





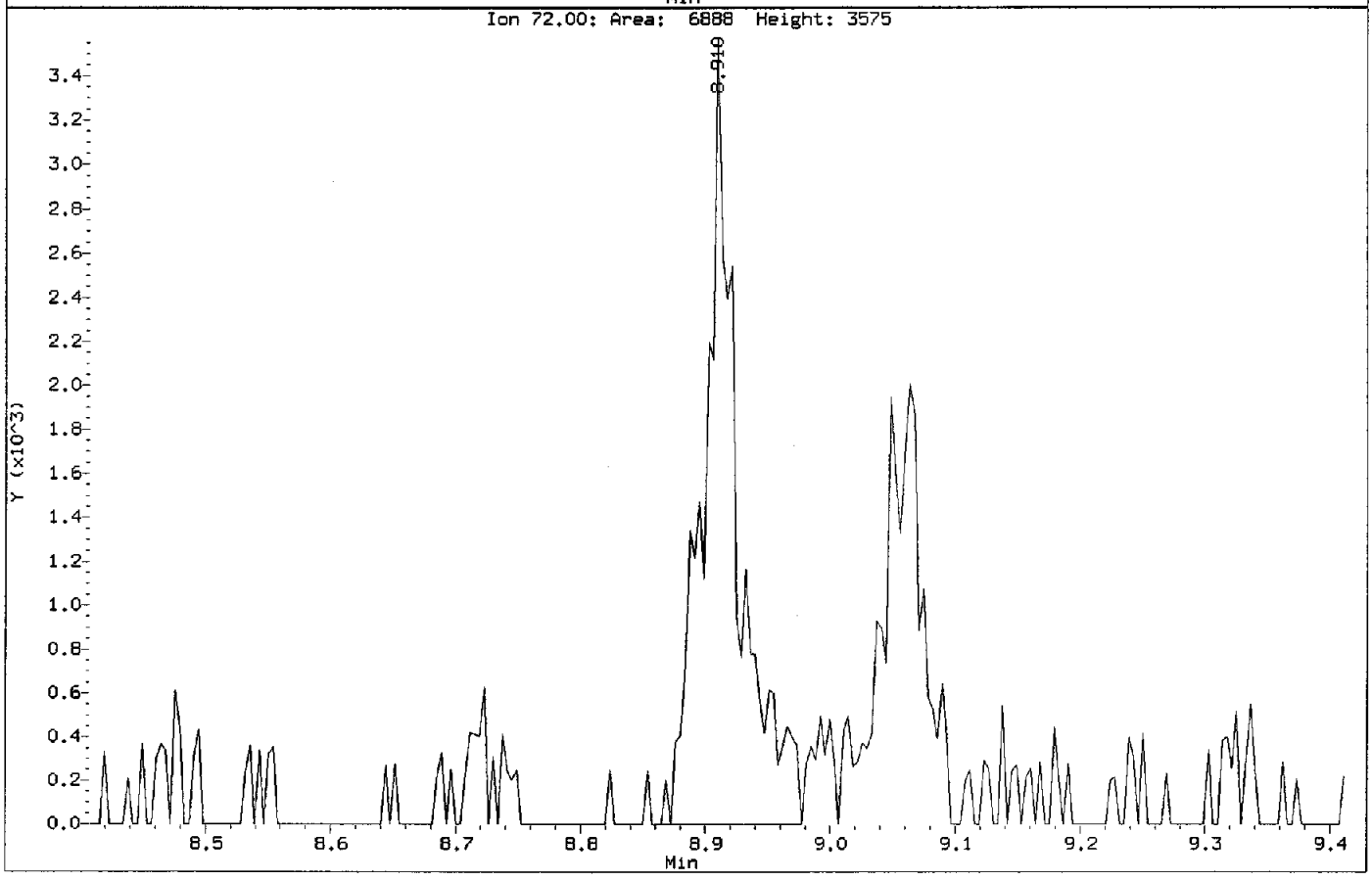
Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7328.D
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: 2-Butanone
CAS Number: 78-93-3



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other_____

12/18/07



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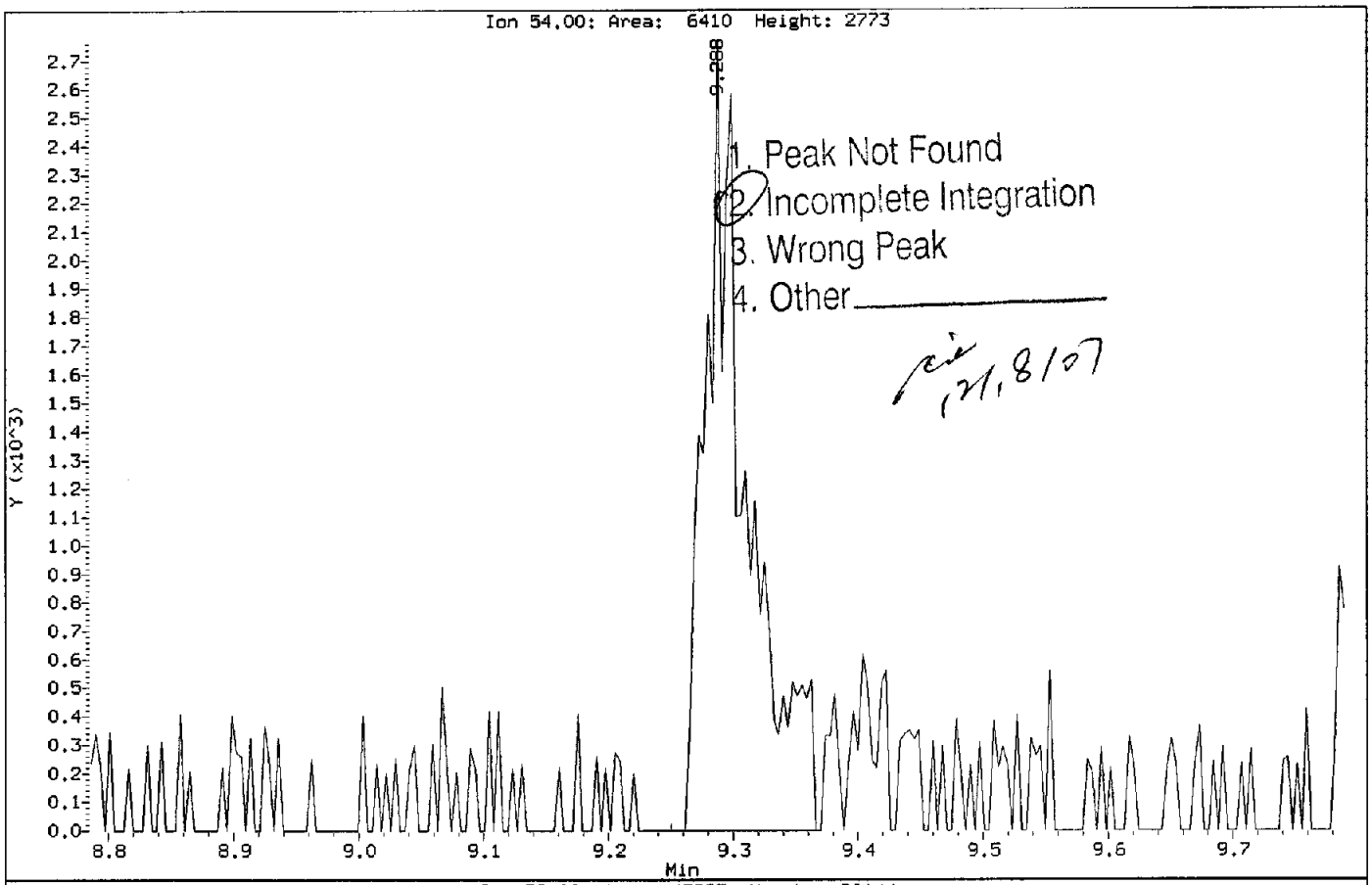
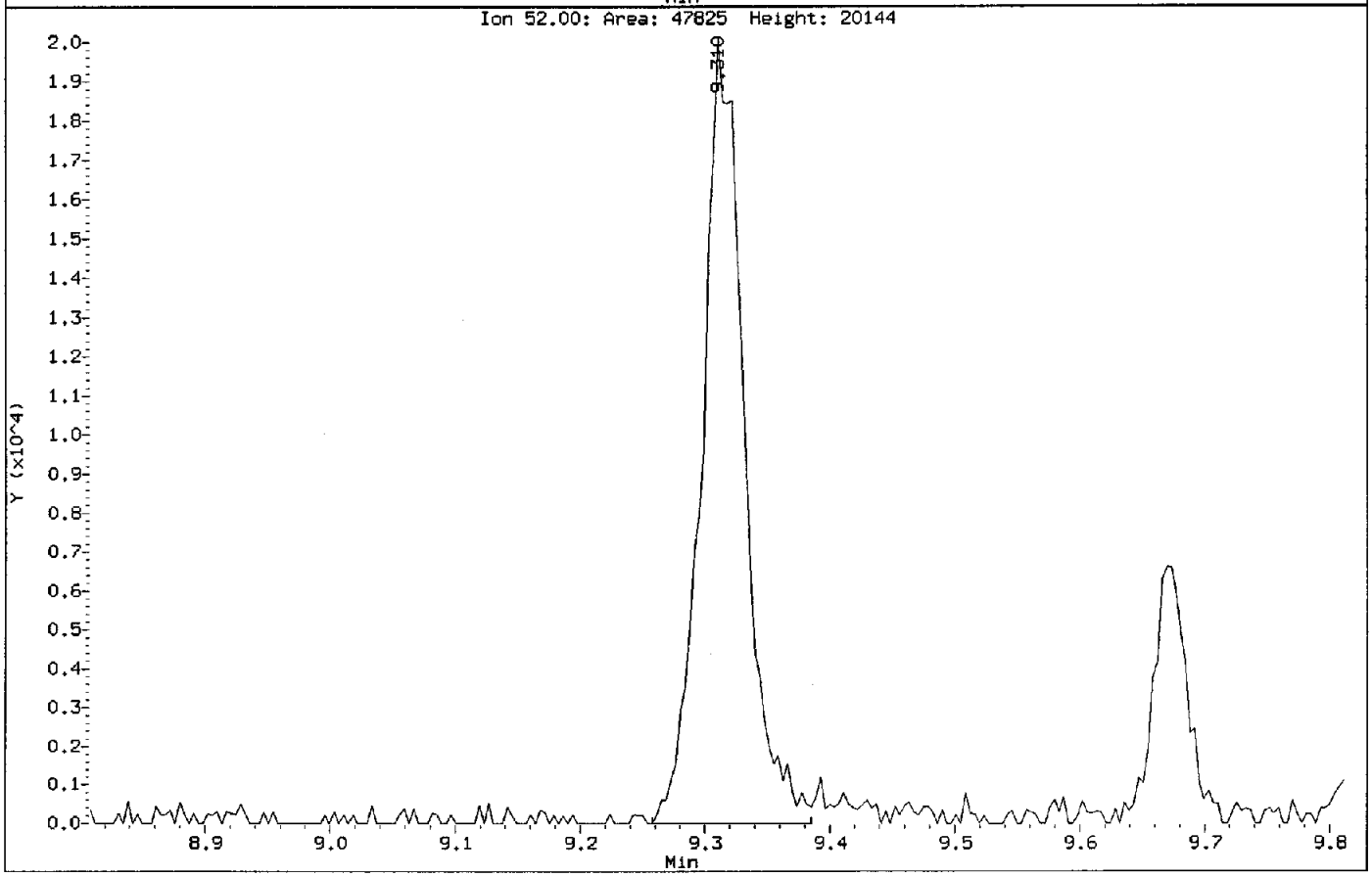
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Propionitrile
CAS Number: 107-12-0





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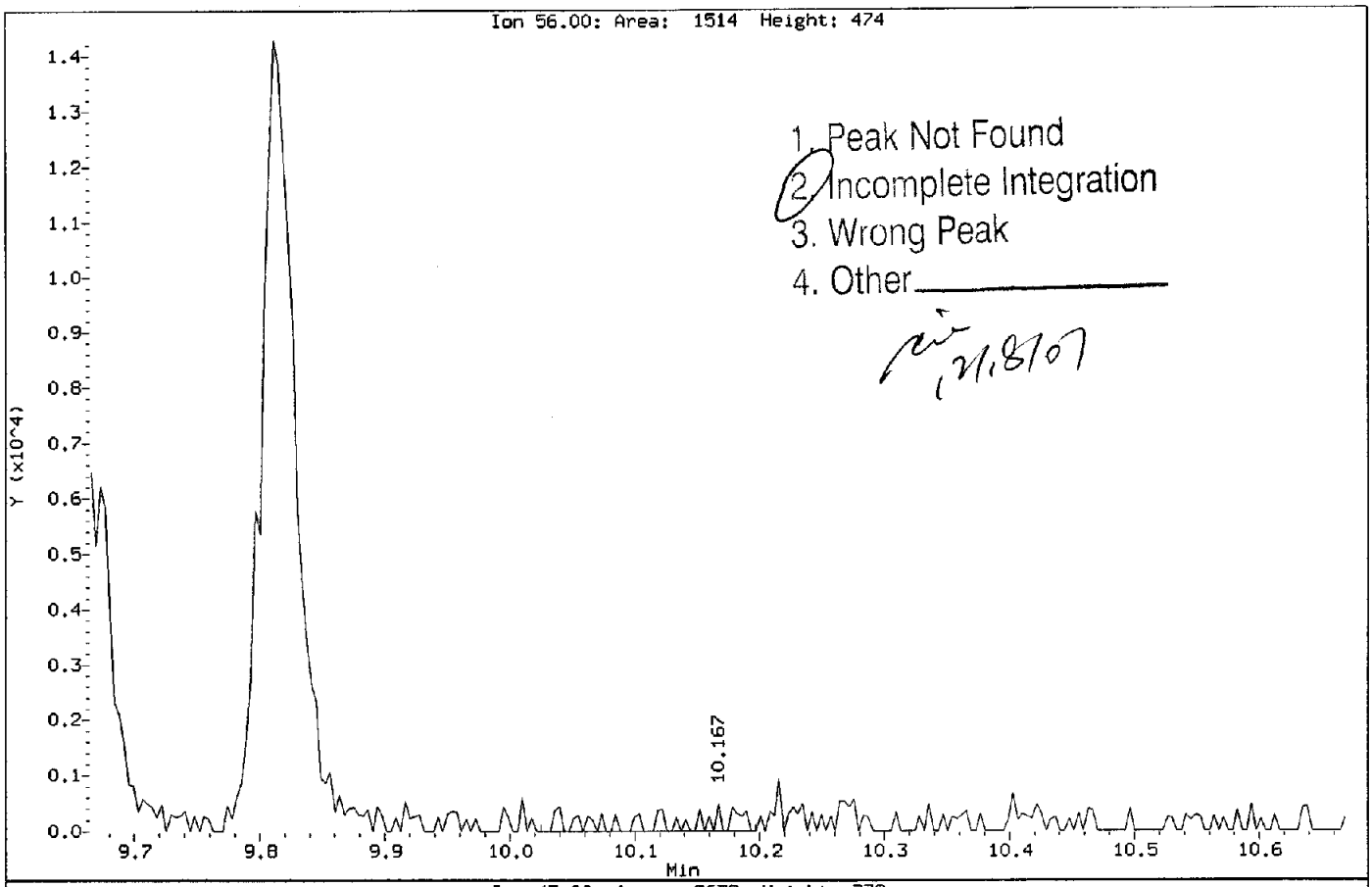
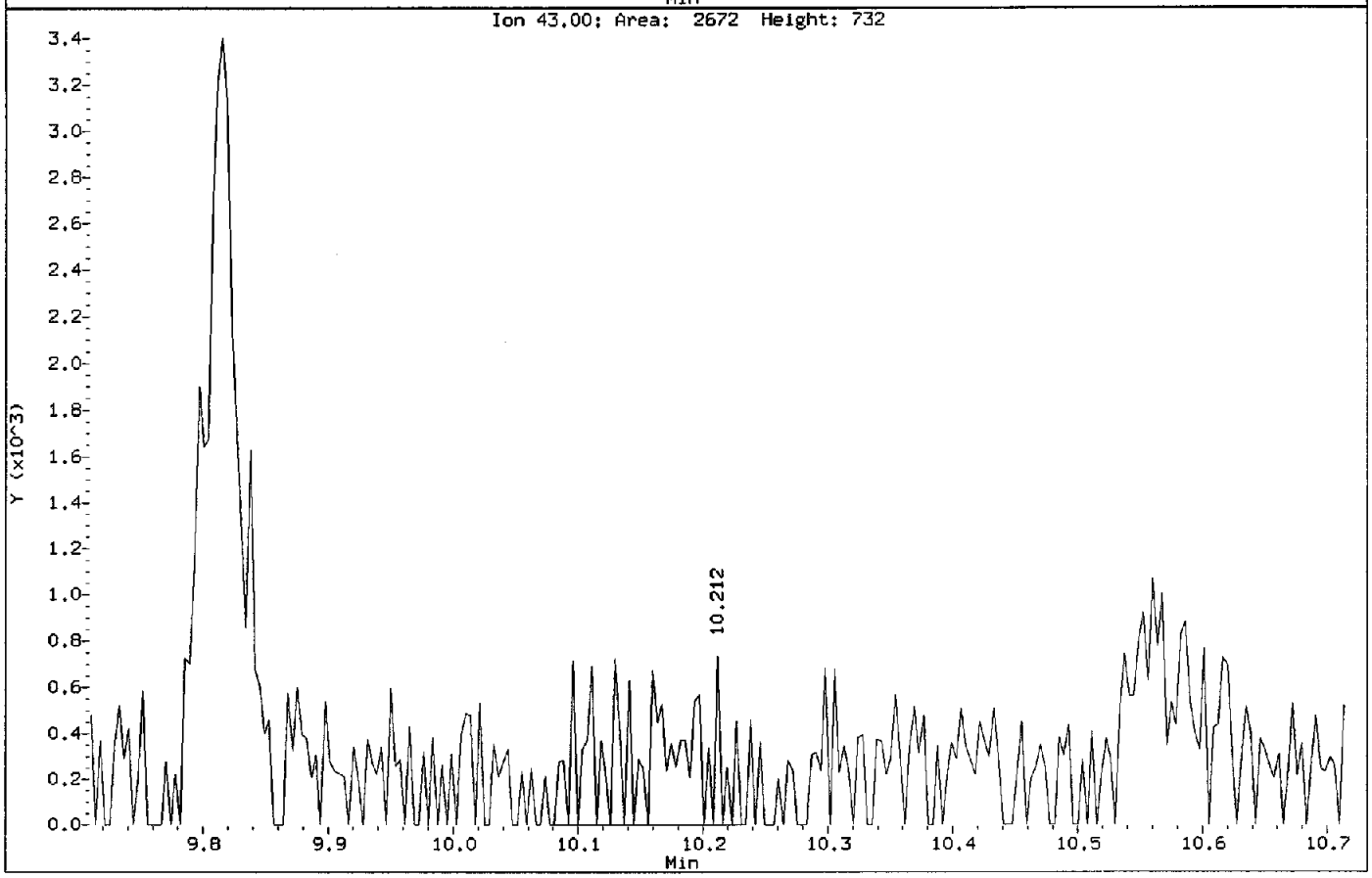
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: n-Butanol
CAS Number: 71-36-3



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12.18.07



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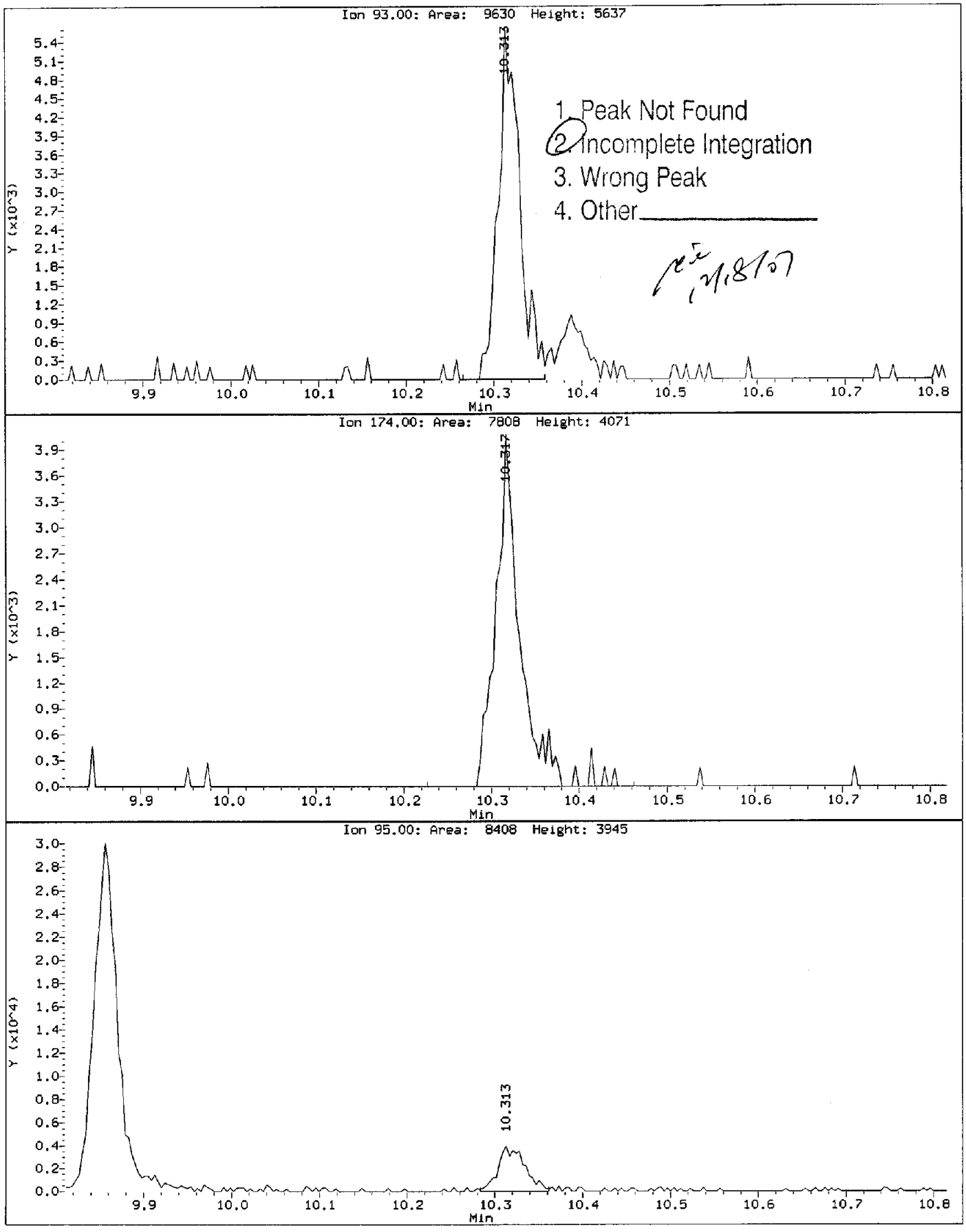
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Dibromomethane
CAS Number: 75-95-3



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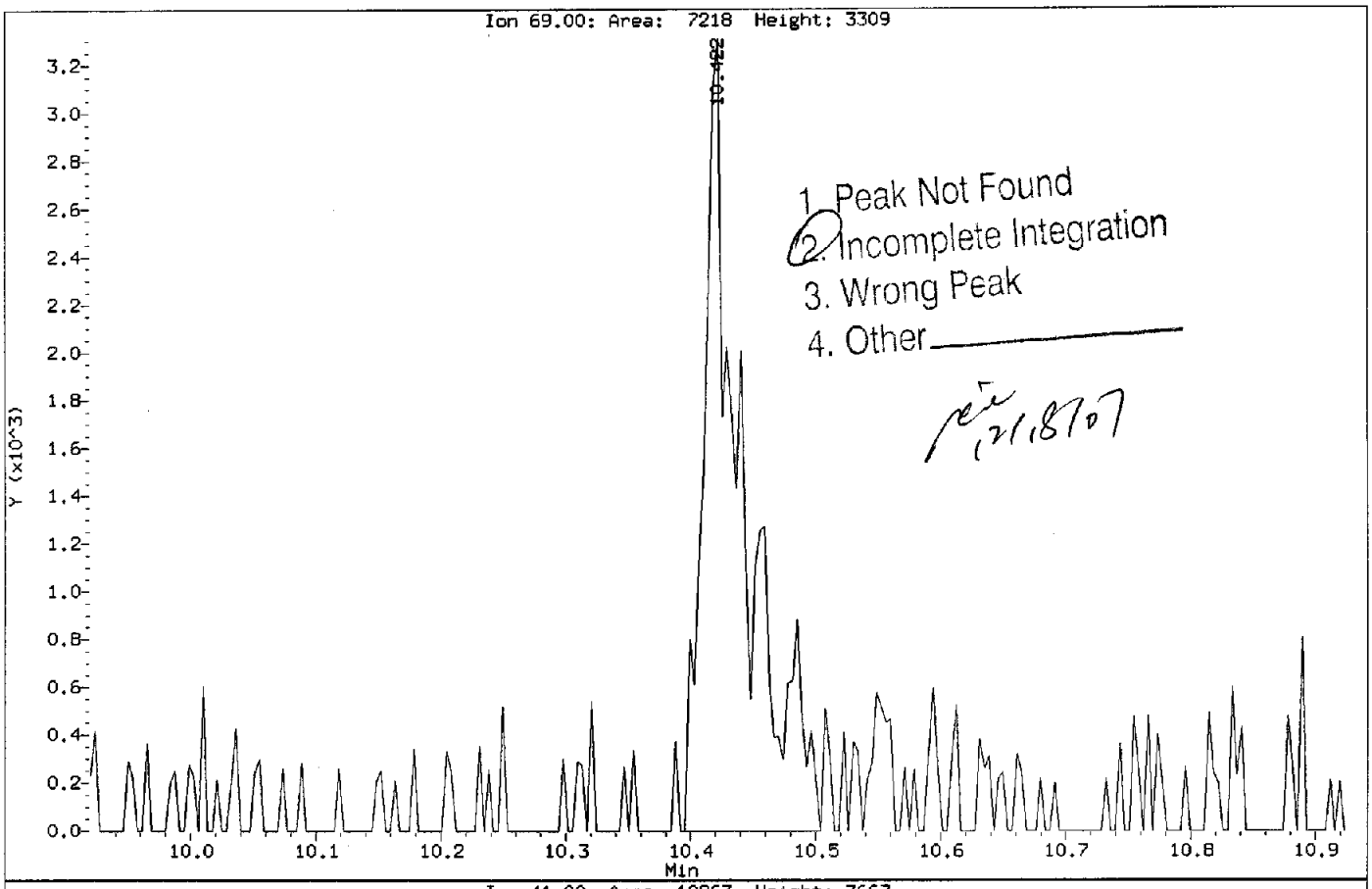
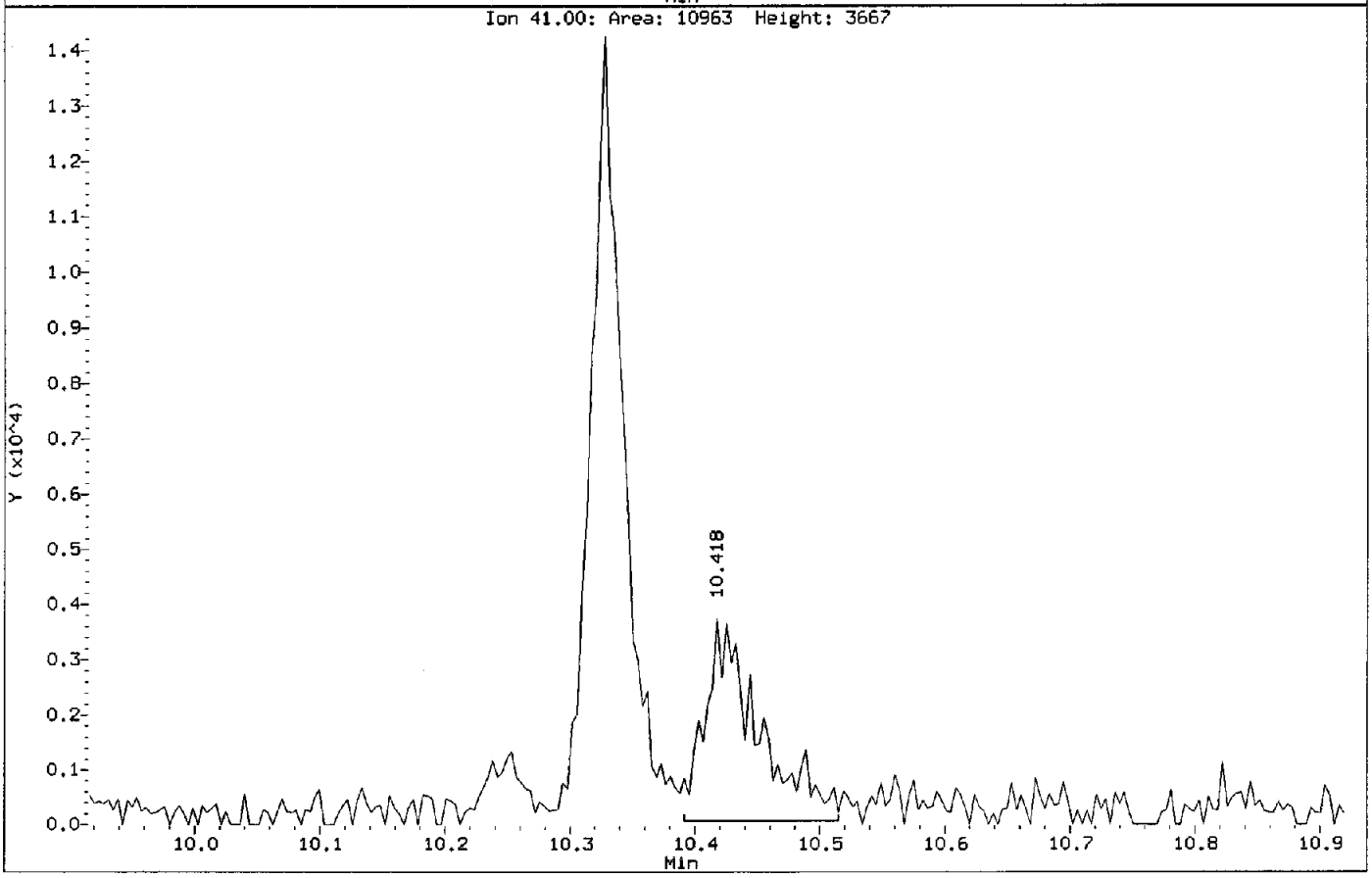
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Methyl methacrylate
CAS Number: 80-62-6





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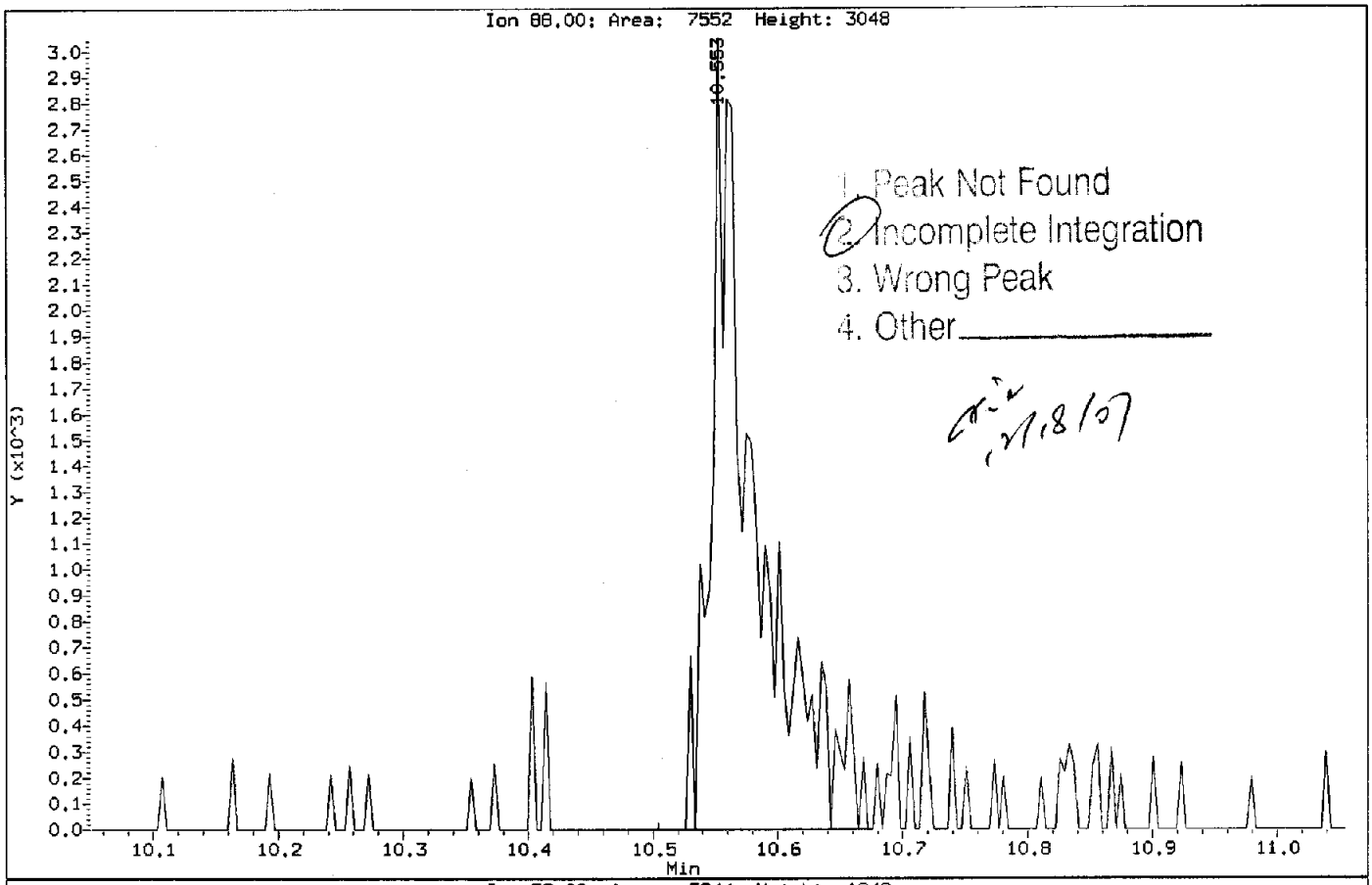
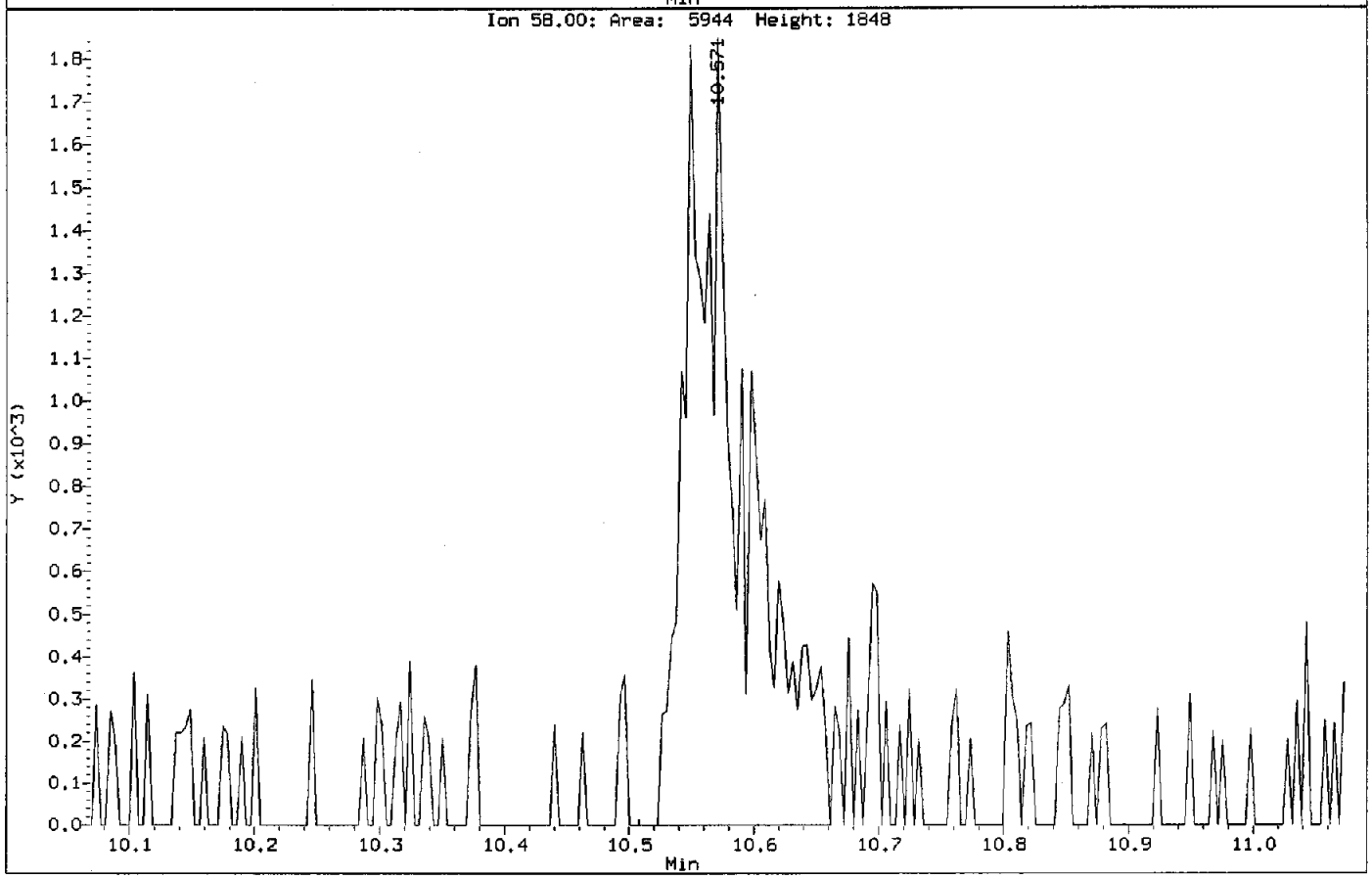
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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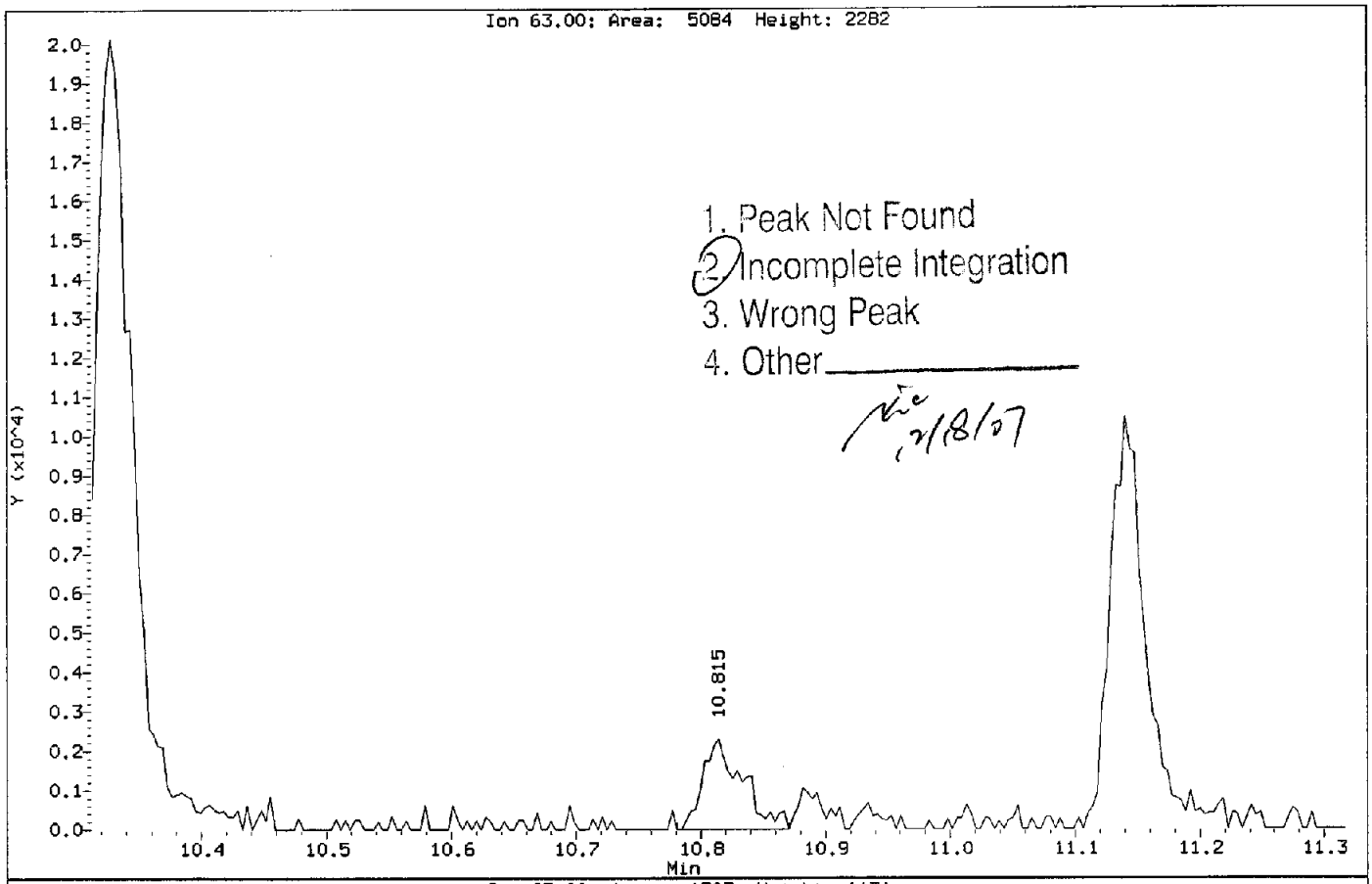
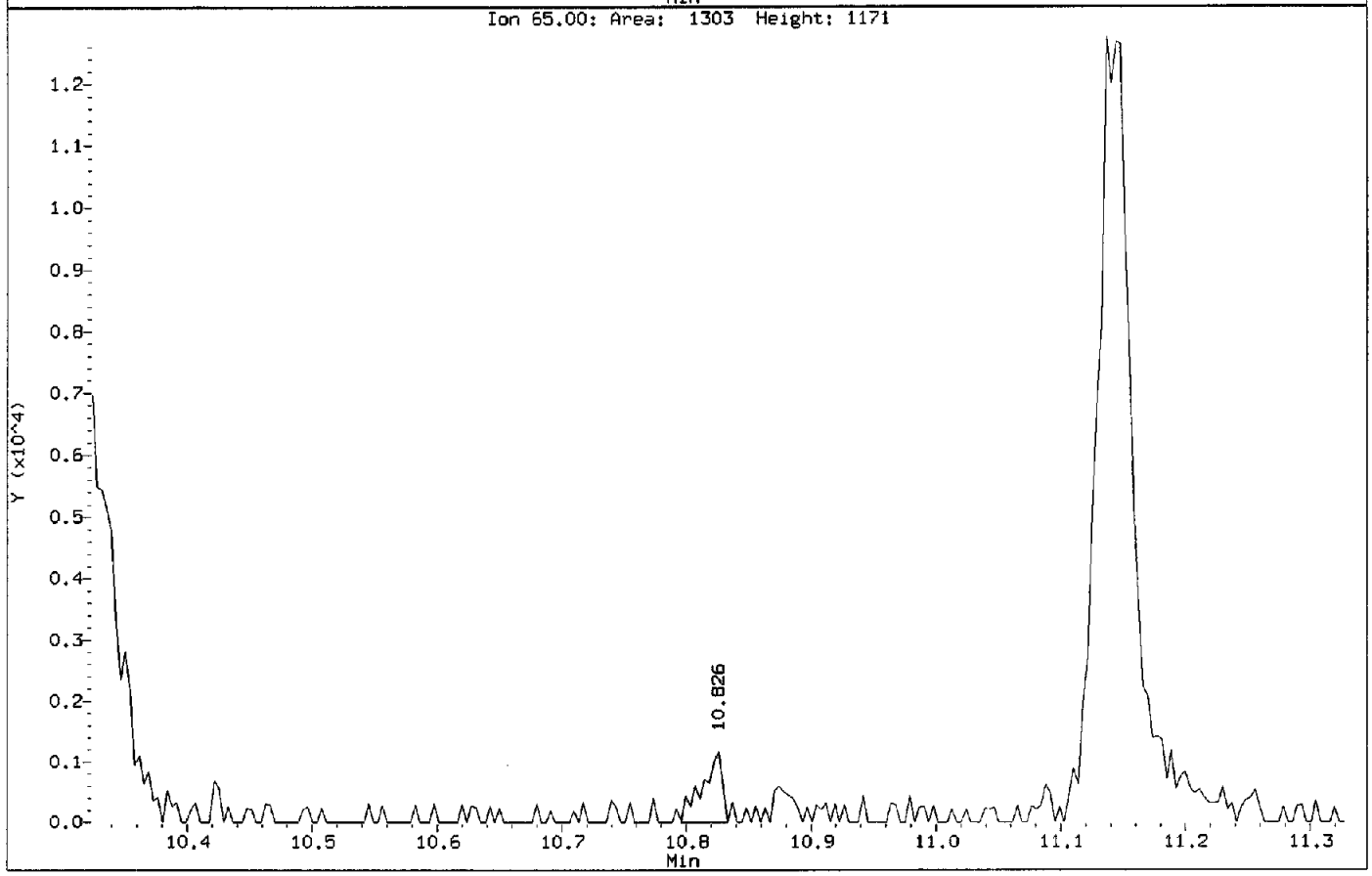
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: 2-chloroethyl vinyl ether
CAS Number: 110-75-8





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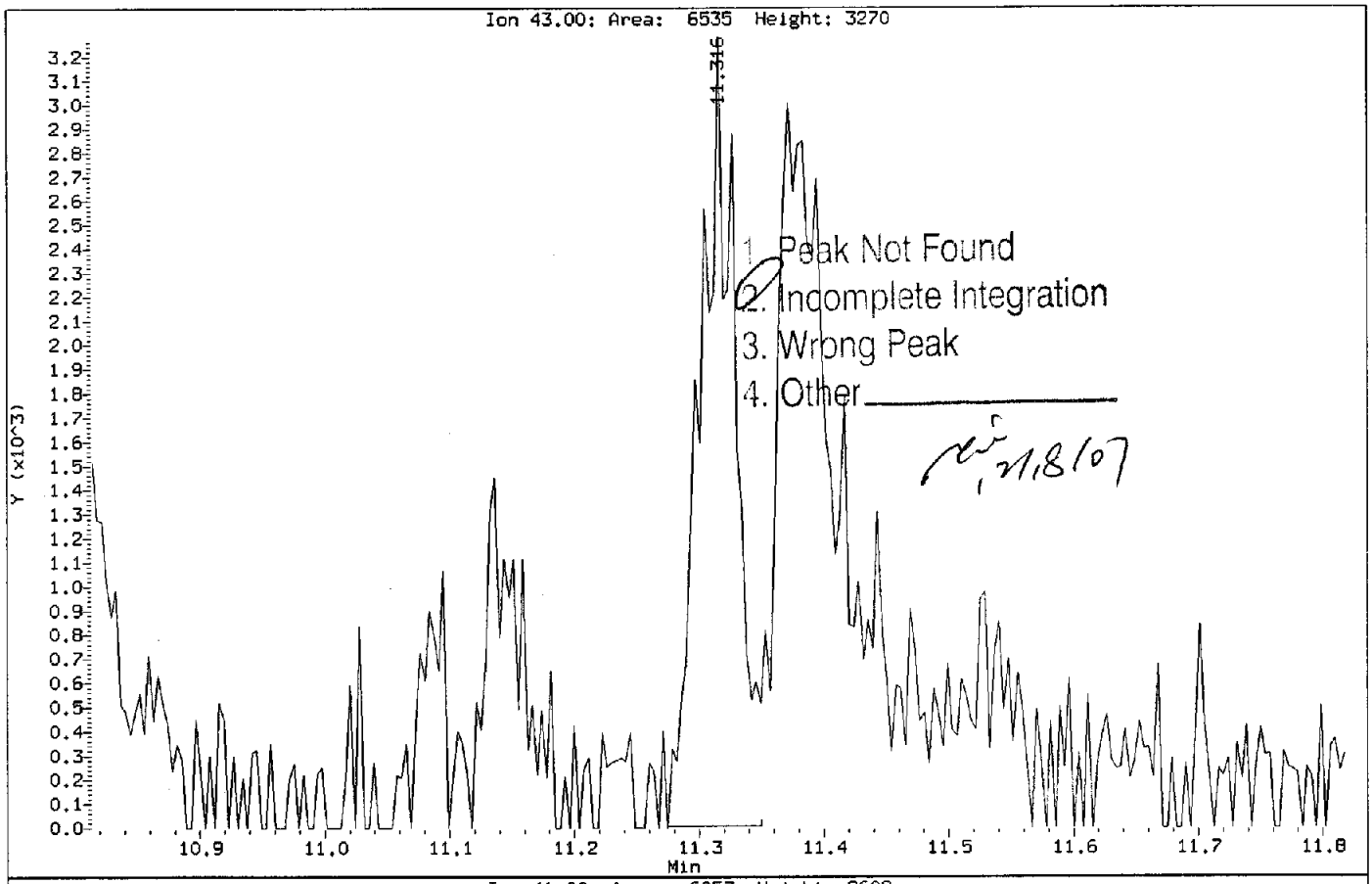
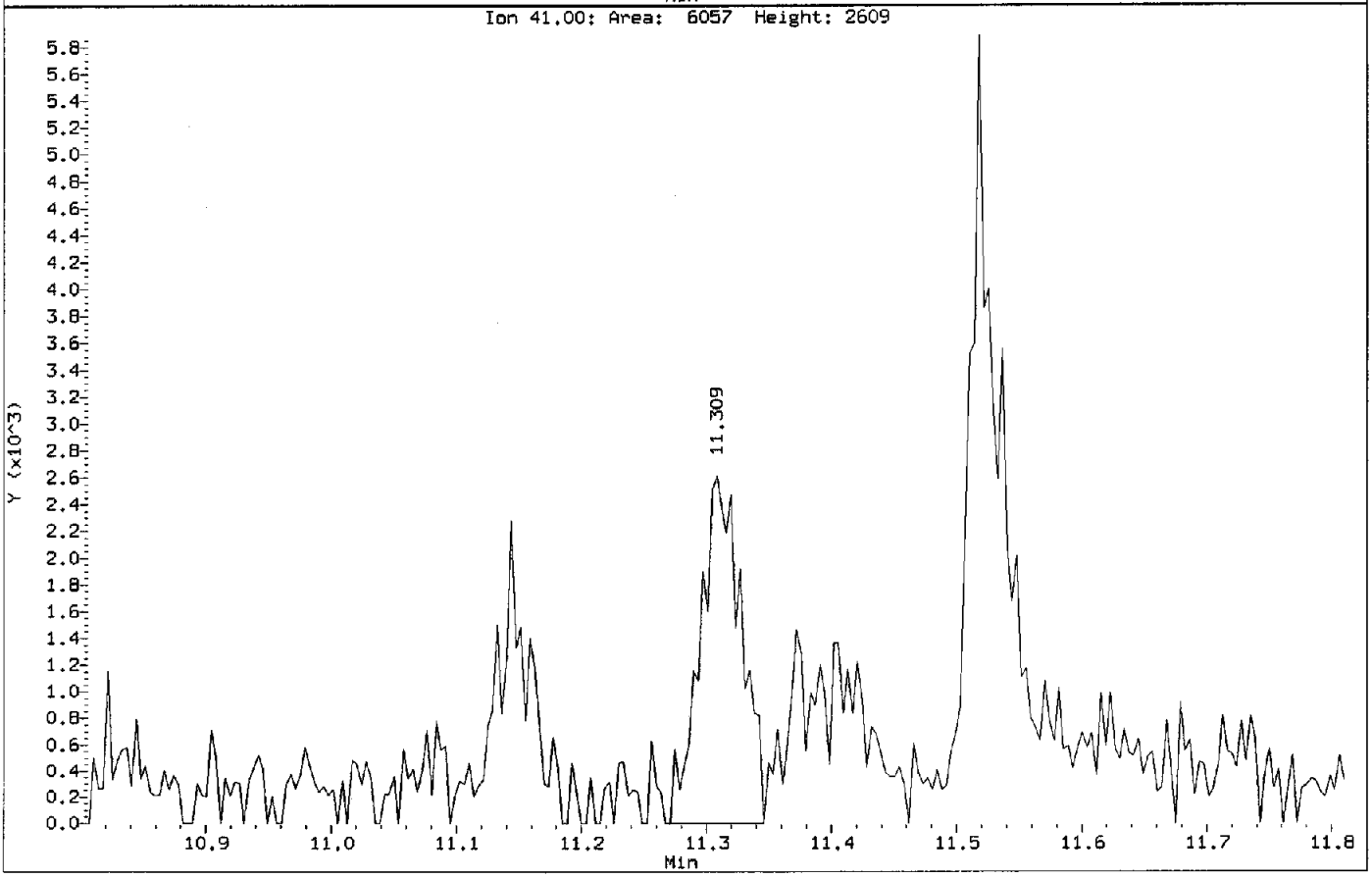
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: 2-Nitro-Propane
CAS Number: 79-46-9





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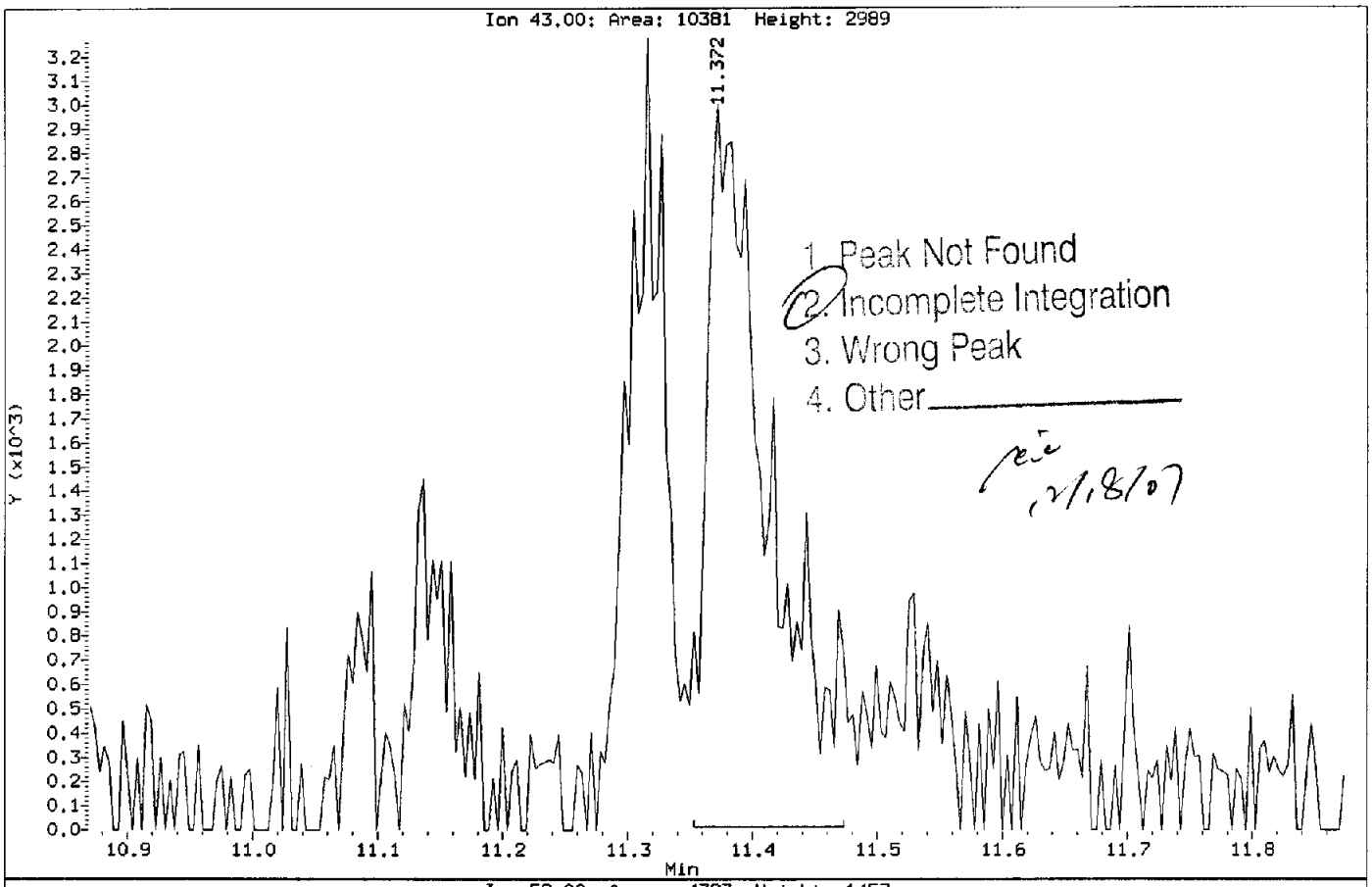
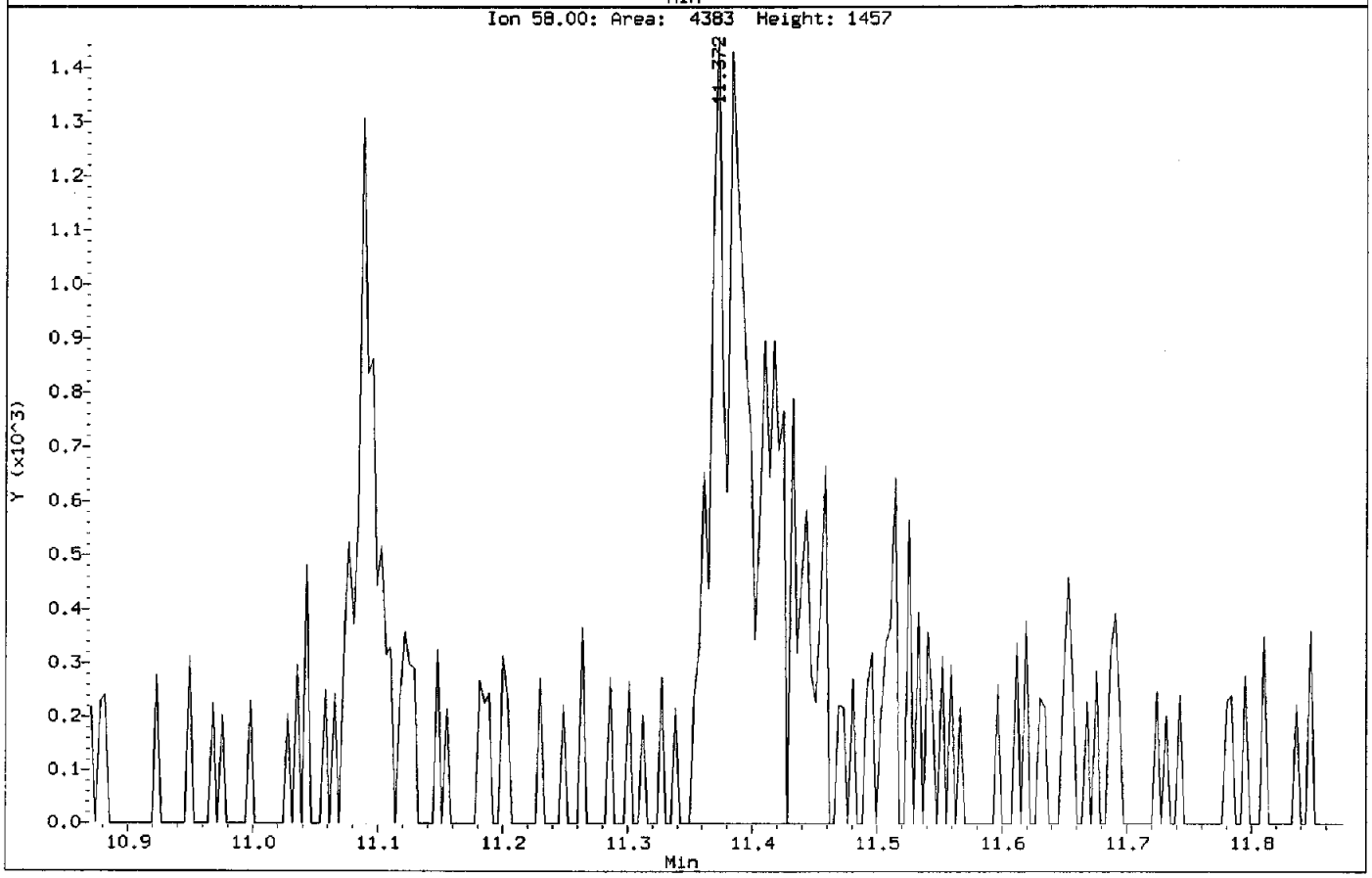
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: 4-Methyl-2-pentanone
CAS Number: 108-10-1





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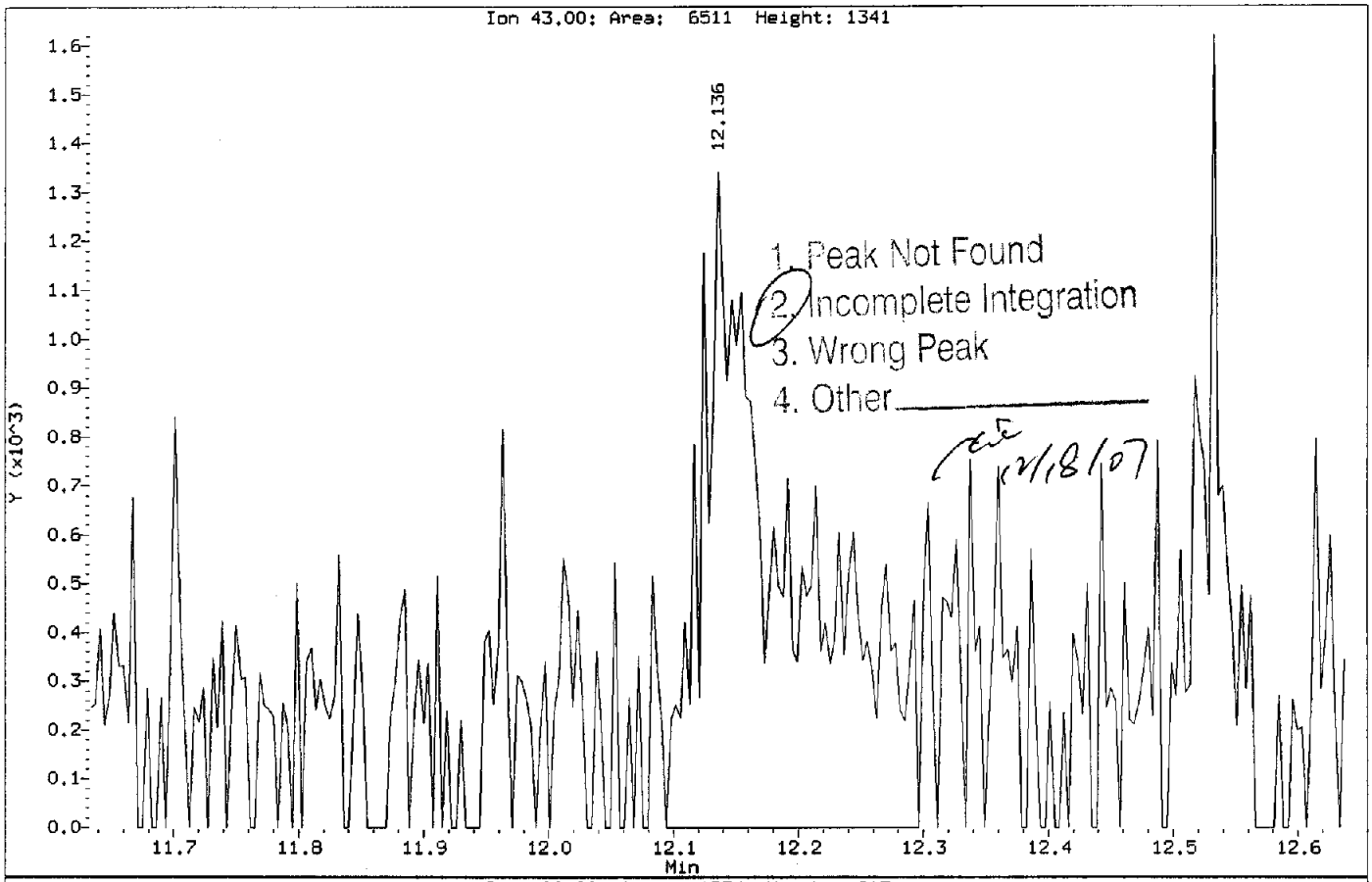
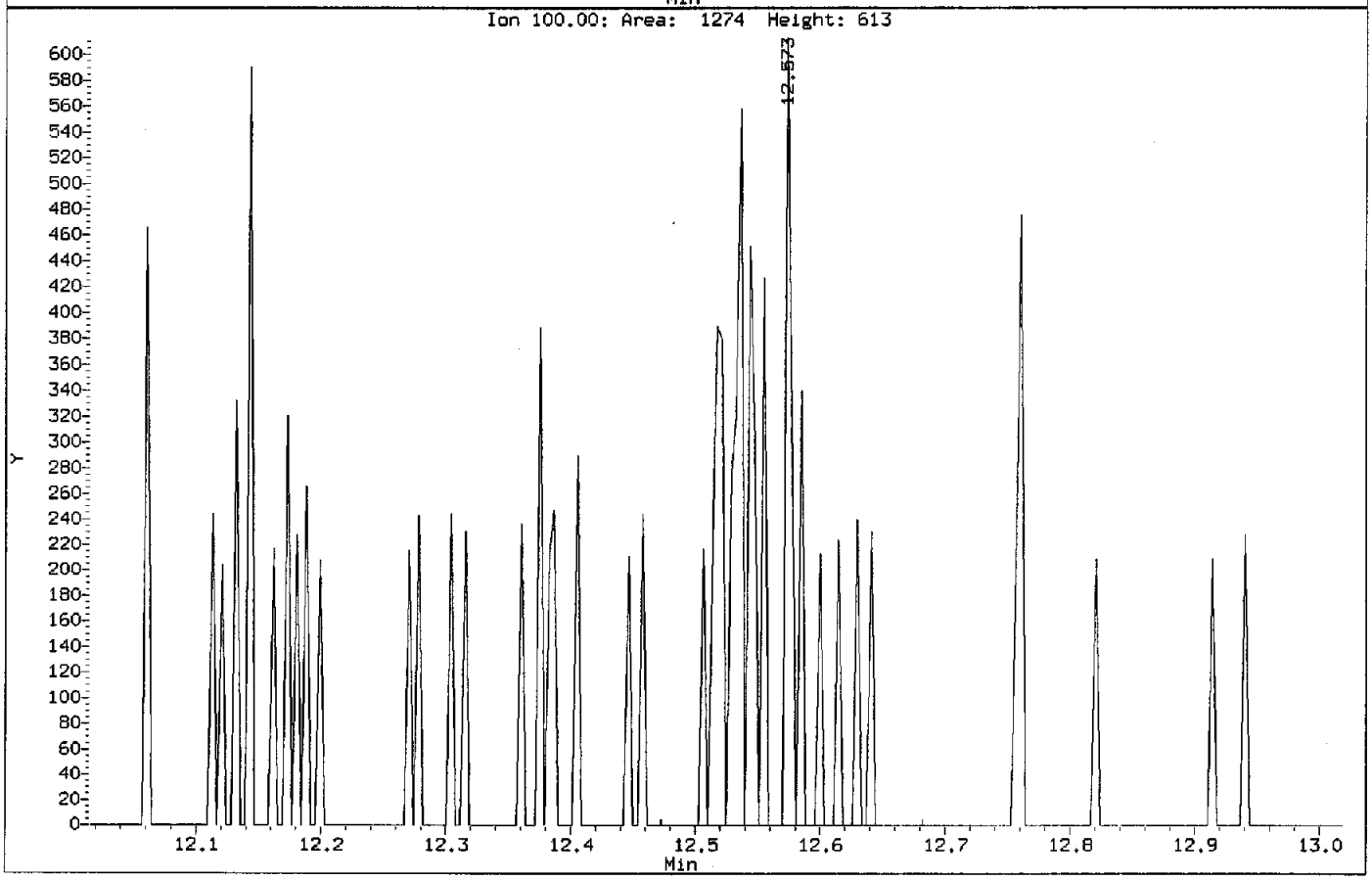
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: 2-Hexanone
CAS Number: 591-78-6





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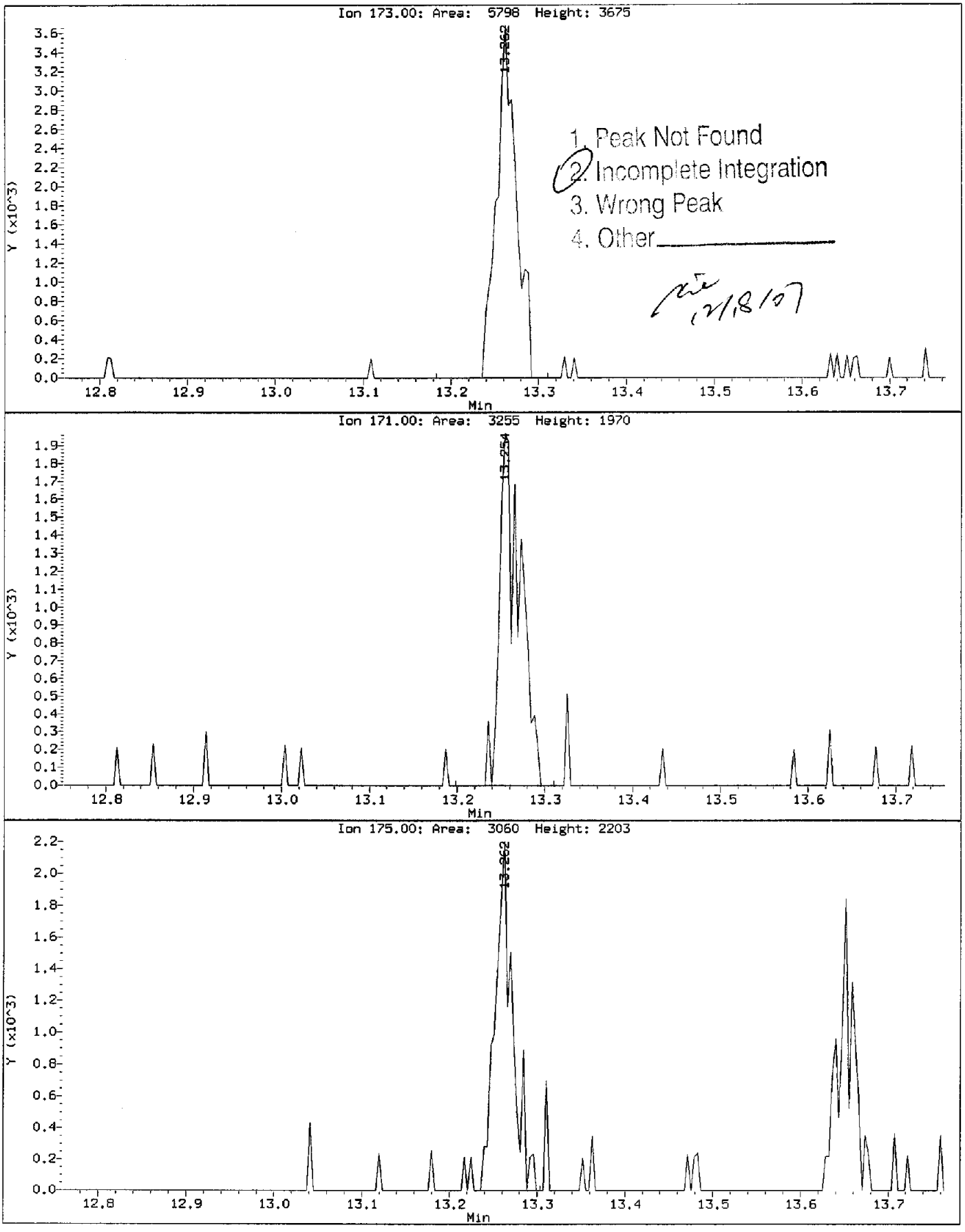
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Bromoform
CAS Number: 75-25-2



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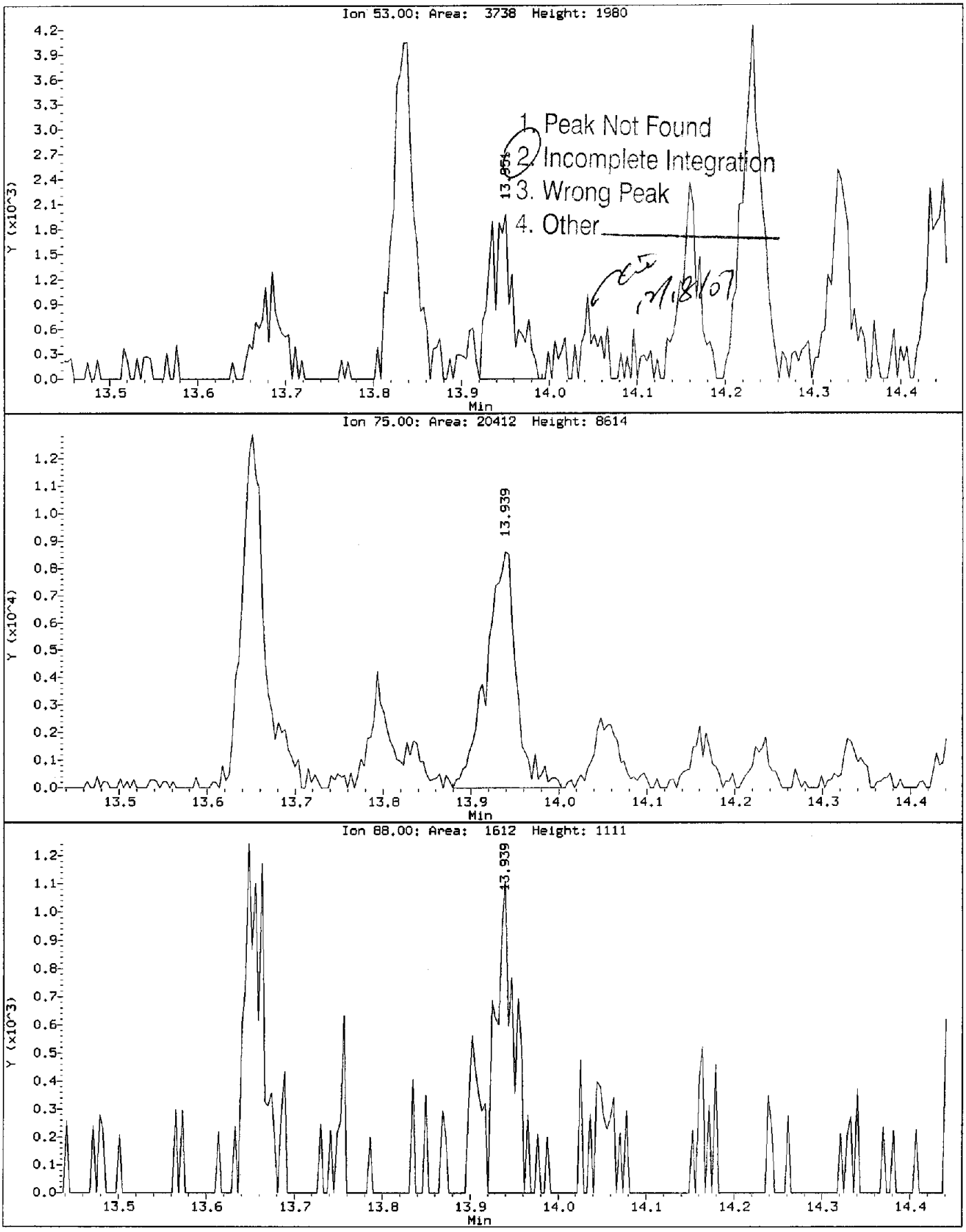
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: trans-1,4-dichloro-2-butene
CAS Number: 110-57-6



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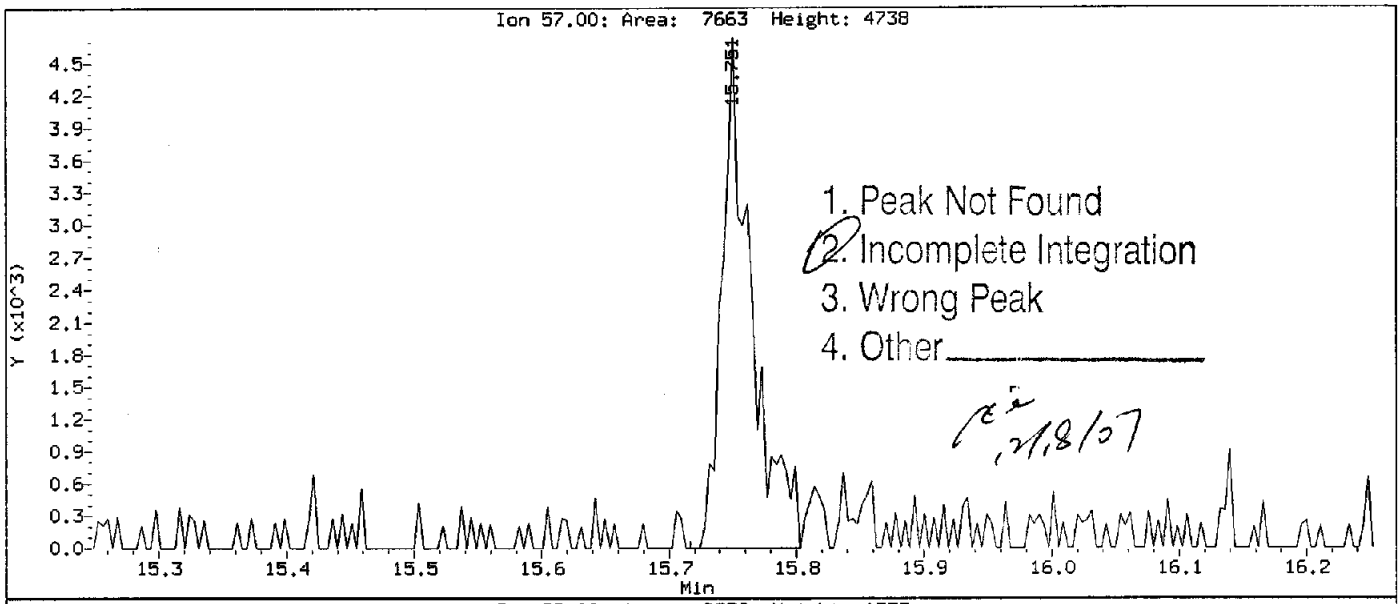
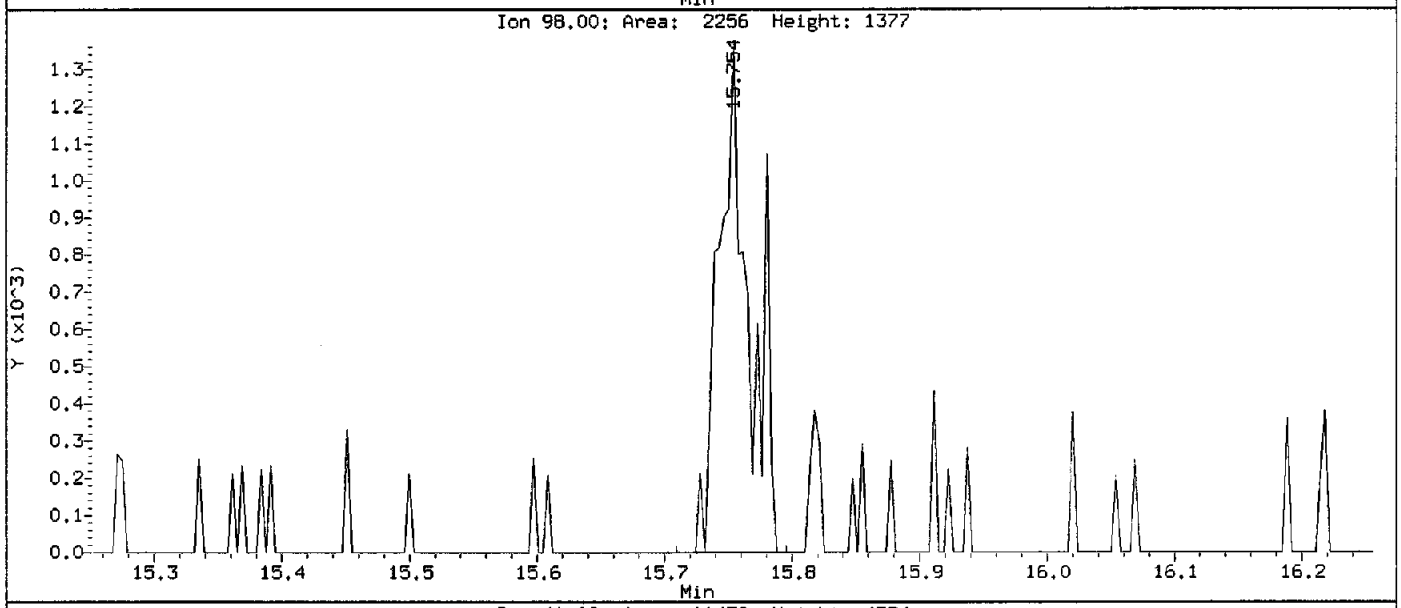
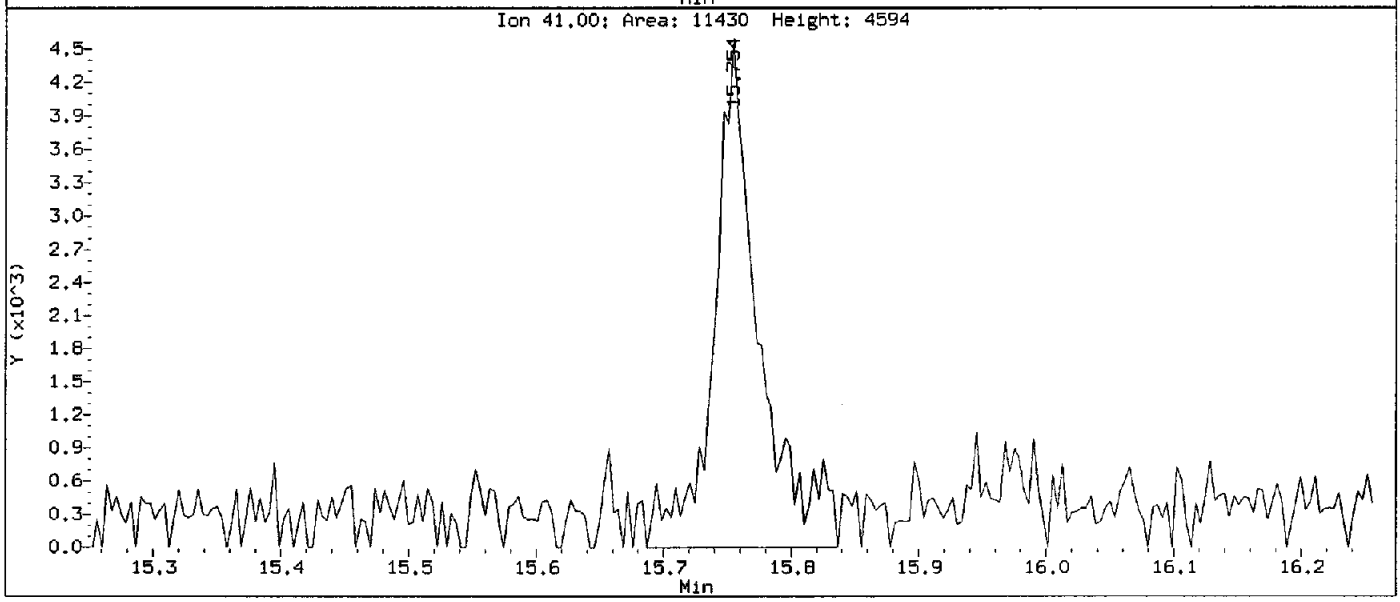
Injection Date: 17-DEC-2007 15:50
Instrument: MSL.i
Client Sample ID: VSTD2.0

Compound: Nonanal
CAS Number: 124-19-6







Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Lab Smp Id: VSTD1.0 Client Smp ID: VSTD1.0
Inj Date : 17-DEC-2007 16:16
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD1.0;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 11:25 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 16:16 Cal File: LCAL7329.D
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.464	3.464	(0.358)	36835	1.00000	1.176
	2 Freon-114	135	3.737	3.737	(0.386)	9036	1.00000	1.226(M)
	3 Chloromethane	50	3.898	3.898	(0.403)	66672	1.00000	1.171
	4 Vinyl Chloride	62	4.100	4.100	(0.424)	60108	1.00000	1.247
	5 Bromomethane	94	4.804	4.804	(0.497)	19877	1.00000	0.2274
	6 Chloroethane	64	5.036	5.036	(0.521)	28158	1.00000	0.9666
	7 Trichlorofluoromethane	101	5.287	5.287	(0.547)	48374	1.00000	1.461
	8 Diethyl ether	59	5.799	5.799	(0.600)	17959	2.00000	2.181
	9 1,1-Dichloroethene	96	6.155	6.155	(0.636)	24466	1.00000	1.048
	10 1,1,2-Trichlorofluoroethane	101	6.136	6.136	(0.634)	28100	1.00000	1.191
	11 Carbon Disulfide	76	6.308	6.308	(0.652)	86230	1.00000	1.124
	12 Iodomethane	142	6.435	6.435	(0.665)	19455	1.00000	2.387(M)
	13 Acrolein	56	6.638	6.638	(0.686)	2608	5.00000	8.915(M)
	14 Allyl chloride	39	6.813	6.813	(0.704)	28260	1.00000	1.071
	15 Methylene Chloride	84	6.967	6.967	(0.720)	22755	1.00000	1.045
	16 Acetone	43	6.993	6.993	(0.723)	5172	1.00000	1.163(M)
	17 trans-1,2-Dichloroethene	96	7.184	7.184	(0.743)	29677	1.00000	1.057
	18 n-Hexane	57	7.176	7.176	(0.742)	55851	1.00000	1.127
	19 Methyl Acetate	74	7.158	7.158	(0.740)	2167	1.00000	1.036(M)
	20 MTBE	73	7.225	7.225	(0.747)	28541	1.00000	1.435(M)
M	21 1,2-Dichloroethene (total)	96				55876	2.00000	2.142
	22 Acetonitrile	41	7.596	7.596	(0.785)	4976	5.00000	7.712(M)

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	23 Acrylonitrile	53	7.940	7.940	(0.821)	10017	5.00000	4.641(M)
	24 1,1-Dichloroethane	63	7.872	7.872	(0.814)	54260	1.00000	1.097
	25 2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	44407	1.00000	1.115
	26 Vinyl acetate	43	8.101	8.101	(0.838)	11121	1.00000	0.8886
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	26199	1.00000	1.085
	28 2,2-Dichloropropane	77	8.542	8.542	(0.883)	45731	1.00000	1.109
	29 Bromochloromethane	128	8.703	8.703	(0.900)	6640	1.00000	1.184(M)
	30 Cyclohexane	84	8.662	8.662	(0.896)	50190	1.00000	1.157(M)
	31 Chloroform	83	8.707	8.707	(0.900)	47107	1.00000	1.163
	32 Ethyl acetate	43	8.808	8.808	(0.911)	3550	2.00000	3.547(M)
	33 Carbon Tetrachloride	117	8.902	8.902	(0.920)	35158	1.00000	1.062
	34 Isobutanol	42	8.913	8.913	(0.921)	7601	20.0000	31.58(M)
	35 Tetrahydrofuran	71	8.913	8.913	(0.921)	2914	5.00000	5.177(M)
$	36 Dibromofluoromethane	113	8.913	8.913	(0.921)	14029	1.00000	0.9673
	37 1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	44247	1.00000	1.112
	38 2-Butanone	43	8.935	8.935	(0.924)	3807	1.00000	2.120(M)
	39 1,1-Dichloropropene	75	9.055	9.055	(0.936)	43419	1.00000	1.125
	40 Benzene	78	9.317	9.317	(0.963)	124758	1.00000	1.102
	41 Propionitrile	54	9.298	9.298	(0.961)	3321	5.00000	4.818(M)
	42 Methacrylonitrile	41	9.306	9.306	(0.962)	13800	5.00000	7.046
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	11833	1.00000	1.038
	44 1,2-Dichloroethane	62	9.519	9.519	(0.984)	17328	1.00000	1.140
*	45 Fluorobenzene	96	9.672	9.672	(1.000)	978268	10.0000	
	47 Methylcyclohexane	55	9.811	9.811	(1.014)	44922	1.00000	1.094
	48 Trichloroethene	130	9.856	9.856	(1.019)	30480	1.00000	1.112
	49 Dibromomethane	93	10.316	10.316	(1.067)	5489	1.00000	1.121
	50 1,2-Dichloropropane	63	10.327	10.327	(1.068)	24717	1.00000	1.152
	51 Bromodichloromethane	83	10.398	10.398	(1.075)	22081	1.00000	1.073
M	52 Xylenes (total)	106				145812	3.00000	3.058
	53 Methyl methacrylate	69	10.432	10.432	(1.079)	3750	1.00000	0.9300(M)
	54 1,4-Dioxane	88	10.589	10.589	(1.095)	5680	20.0000	20.68(M)
	55 2-chloroethyl vinyl ether	63	10.833	10.833	(1.120)	2584	1.00000	0.9740(M)
	56 cis-1,3-Dichloropropene	75	10.941	10.941	(1.131)	24307	1.00000	1.144
$	57 Toluene-d8	98	11.091	11.091	(0.885)	83882	1.00000	1.036
	58 Toluene	91	11.147	11.147	(0.890)	127432	1.00000	1.123
	59 2-Nitro-Propane	43	11.297	11.297	(0.901)	4347	1.00000	1.824(M)
	60 4-Methyl-2-pentanone	43	11.401	11.401	(0.910)	5073	1.00000	1.053(M)
	61 trans-1,3-Dichloropropene	75	11.502	11.502	(0.918)	13810	1.00000	1.022
	62 Tetrachloroethene	164	11.525	11.525	(0.920)	25788	1.00000	1.430
	63 Ethyl methacrylate	69	11.547	11.547	(0.921)	7012	1.00000	1.938(M)
	64 1,1,2-Trichloroethane	97	11.667	11.667	(0.931)	10171	1.00000	1.238
	65 Chlorodibromomethane	129	11.903	11.903	(0.950)	8789	1.00000	1.091
	66 1,3-Dichloropropane	76	11.918	11.918	(0.951)	18059	1.00000	1.171
	67 1,2-Dibromoethane	107	12.157	12.157	(0.970)	7079	1.00000	1.188(M)
	68 2-Hexanone	43	12.154	12.154	(0.970)	2217	1.00000	1.253(M)
	69 Ethylbenzene	106	12.505	12.505	(0.998)	44302	1.00000	1.087
*	70 Chlorobenzene-d5	117	12.532	12.532	(1.000)	541435	10.0000	
	71 Chlorobenzene	112	12.554	12.554	(1.002)	67236	1.00000	1.158
	72 1,1,1,2-Tetrachloroethane	131	12.584	12.584	(1.004)	16804	1.00000	1.081
	73 m,p-Xylenes	106	12.618	12.618	(1.007)	103361	2.00000	2.010
	74 o-Xylene	106	13.037	13.037	(1.040)	42451	1.00000	1.048
	75 Styrene	104	13.100	13.100	(1.045)	81173	1.00000	1.448
	76 Bromoform	173	13.265	13.265	(0.901)	3216	1.00000	1.085(M)
	77 Isopropylbenzene	105	13.299	13.299	(0.903)	117344	1.00000	1.128

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
$	78 4-Bromofluorobenzene	95	13.650	13.650	(0.927)	18613	1.00000	1.028
	79 n-Propylbenzene	91	13.688	13.688	(0.929)	159627	1.00000	1.102
	80 Bromobenzene	156	13.793	13.793	(0.936)	17035	1.00000	1.156
	81 1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.934)	8629	1.00000	1.153
	82 1,3,5-Trimethylbenzene	105	13.838	13.838	(0.940)	95584	1.00000	1.085
	83 2-Chlorotoluene	91	13.912	13.912	(0.945)	75138	1.00000	1.086
	84 1,2,3-Trichloropropane	110	13.942	13.942	(0.947)	2673	1.00000	1.382(M)
	85 trans-1,4-dichloro-2-butene	53	13.942	13.942	(0.947)	2705	1.00000	1.756(M)
	86 4-Chlorotoluene	91	14.055	14.055	(0.954)	69818	1.00000	1.081(M)
	87 Cyclohexanone	55	14.025	14.025	(0.952)	3796	10.0000	8.919(M)
	88 t-Butylbenzene	119	14.163	14.163	(0.962)	90043	1.00000	1.143
	89 Pentachloroethane	167	14.279	14.279	(0.970)	5610	1.00000	1.160
	90 1,2,4-Trimethylbenzene	105	14.231	14.231	(0.966)	91573	1.00000	1.072
	91 sec-Butylbenzene	105	14.332	14.332	(0.973)	143590	1.00000	1.111
	92 4-Isopropyltoluene	119	14.440	14.440	(0.980)	104392	1.00000	1.064
	93 1,3-Dichlorobenzene	146	14.665	14.665	(0.996)	38682	1.00000	1.140
*	94 1,4 Dichlorobenzene-d4	152	14.728	14.728	(1.000)	184237	10.0000	
	95 1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	39243	1.00000	1.173
	96 n-Butylbenzene	91	14.863	14.863	(1.009)	113199	1.00000	1.084
	98 1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	27804	1.00000	1.108
	99 1,2-Dibromo-3-chloropropane	157	15.982	15.982	(1.085)	825	1.00000	1.231(M)
	100 Hexachlorobutadiene	225	16.558	16.558	(1.124)	11265	1.00000	1.141
	101 1,2,4-Trichlorobenzene	180	16.689	16.689	(1.133)	9344	1.00000	0.8252(M)
	102 Naphthalene	128	17.097	17.097	(1.161)	8490	1.00000	0.8336(M)
	103 1,2,3-Trichlorobenzene	180	17.299	17.299	(1.175)	5019	1.00000	0.7919(M)
	143 Nonanal	57	15.769	15.769	(1.630)	2405	1.00000	1.871(M)
$	158 1,2-Dichlorobenzene-d4	150	15.155	15.155	(1.029)	25402	1.00000	1.072

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

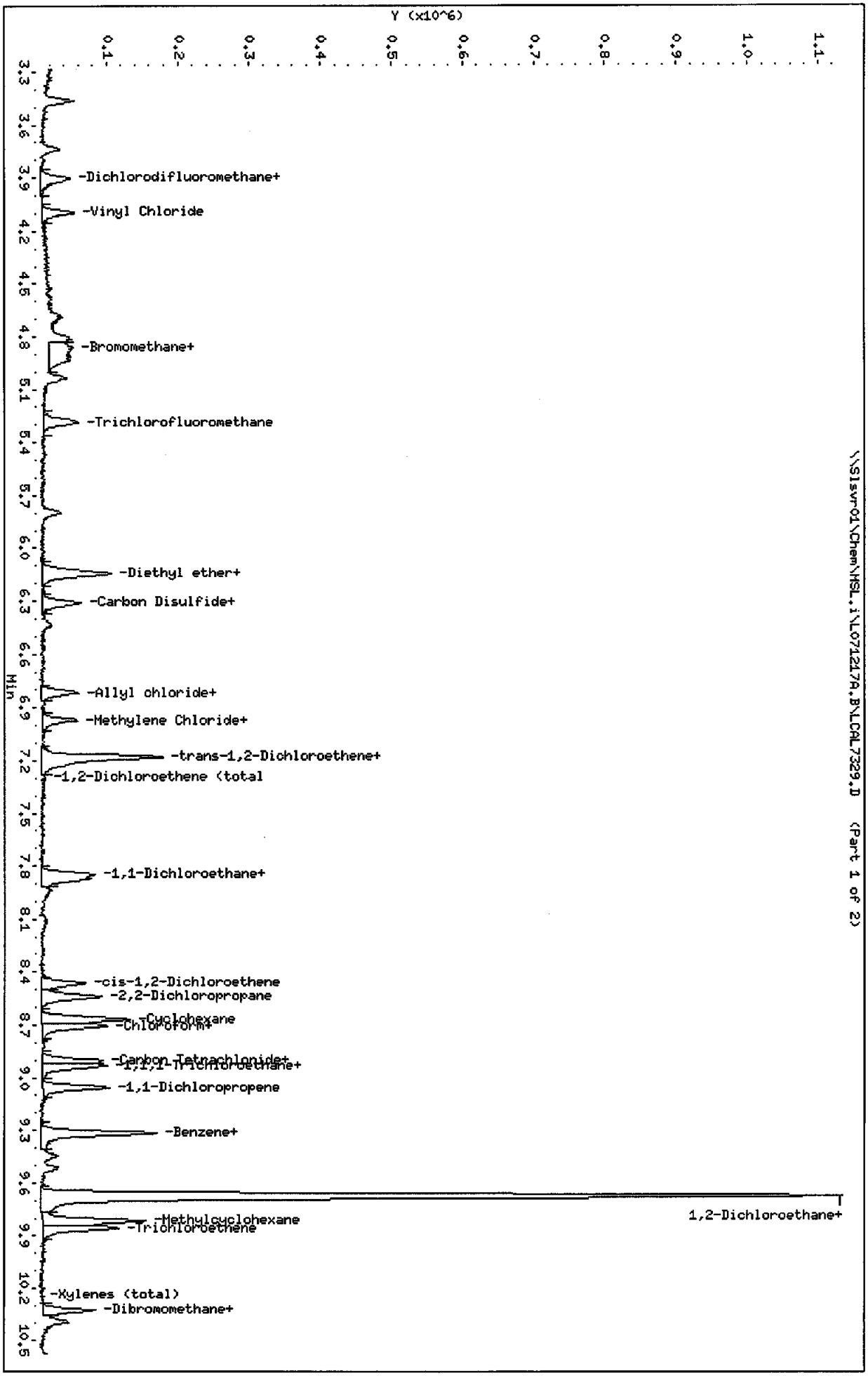
Instrument ID: MSL.i
Lab File ID: LCAL7329.D
Lab Smp Id: VSTD1.0
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

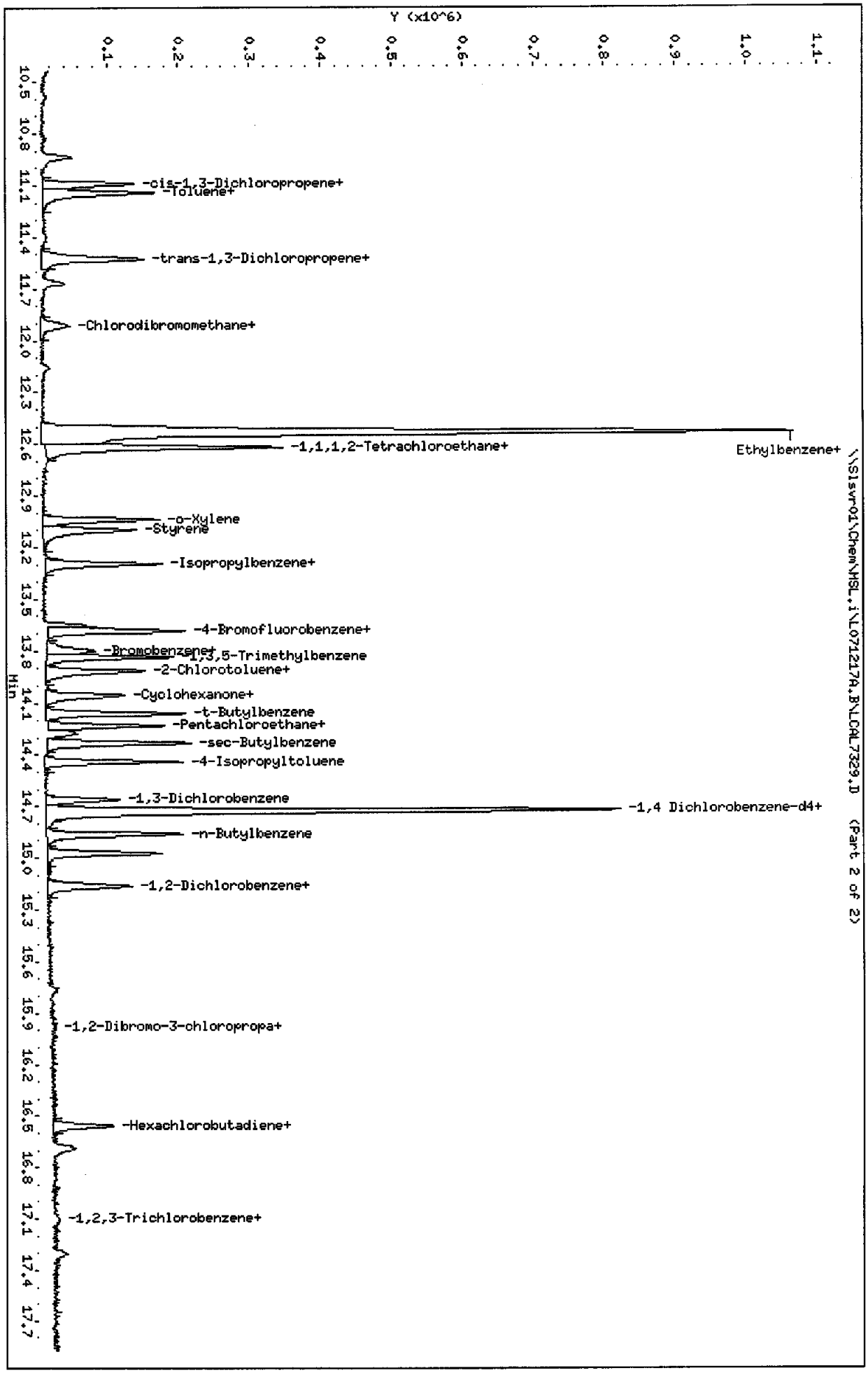
Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD1.0
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	978268	-0.58
70 Chlorobenzene-d5	563731	281866	1127462	541435	-3.96
94 1,4 Dichlorobenze	211084	105542	422168	184237	-12.72

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.02

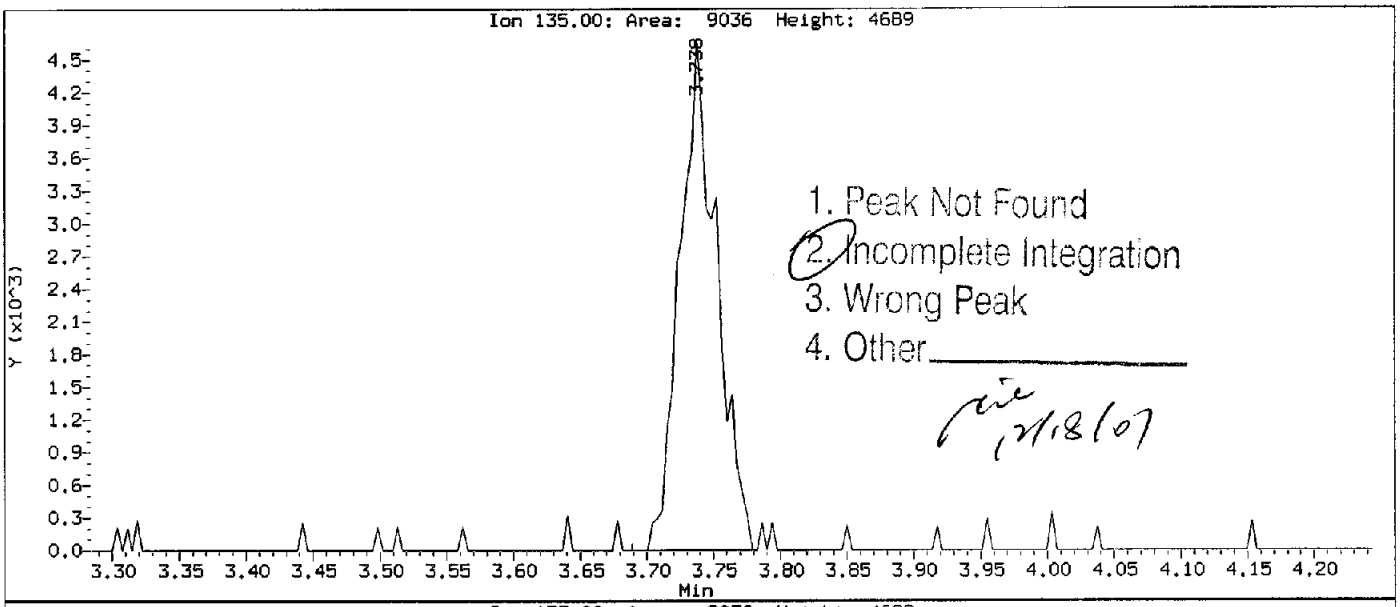
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

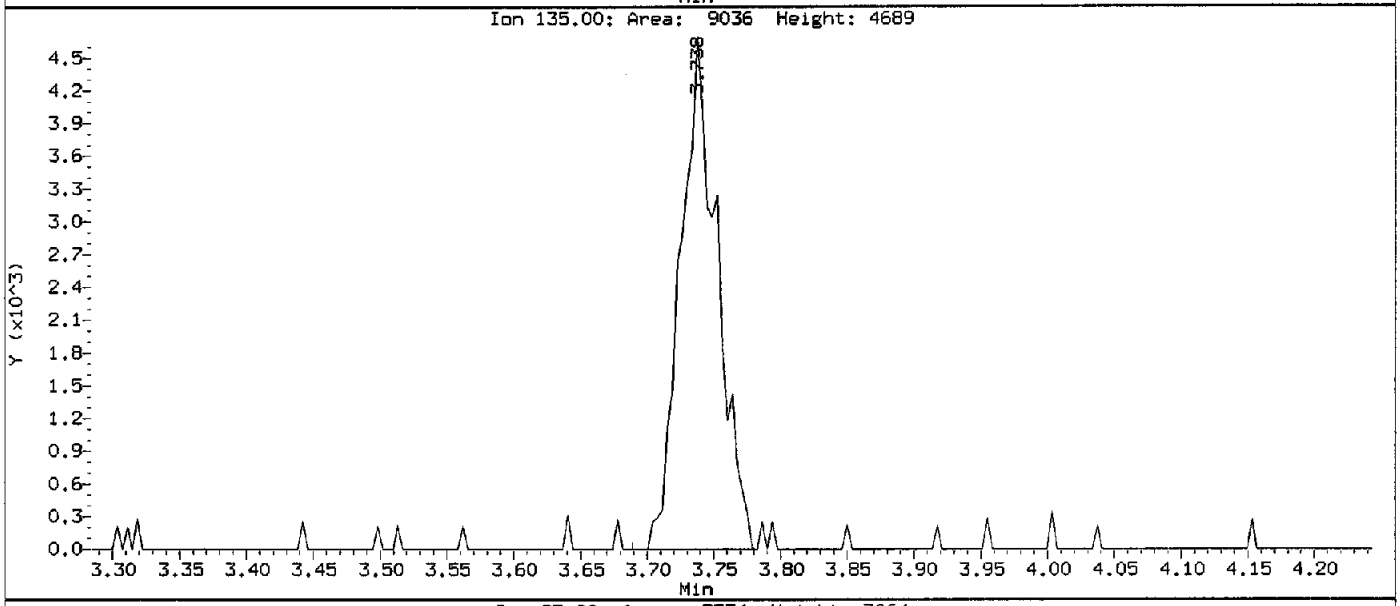

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Date : 17-DEC-2007 16:16
Client ID: VSTD1.0
Sample Info: VSTD1.0;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane+
-Vinyl Chloride
-Bromomethane+
-Trichlorofluoromethane
-Diethyl ether+
-Carbon Disulfide+
-Allyl chloride+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-1,1-Dichloroethane+
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Chloroform+
-Carbon Tetrachloride+
-1,1,1-Trichloroethane+
-1,1-Dichloropropene
-Benzene+
1,2-Dichloroethane+
-Methylcyclohexane
-Trichloroethene
-Xylenes (total)
-Dibromomethane+

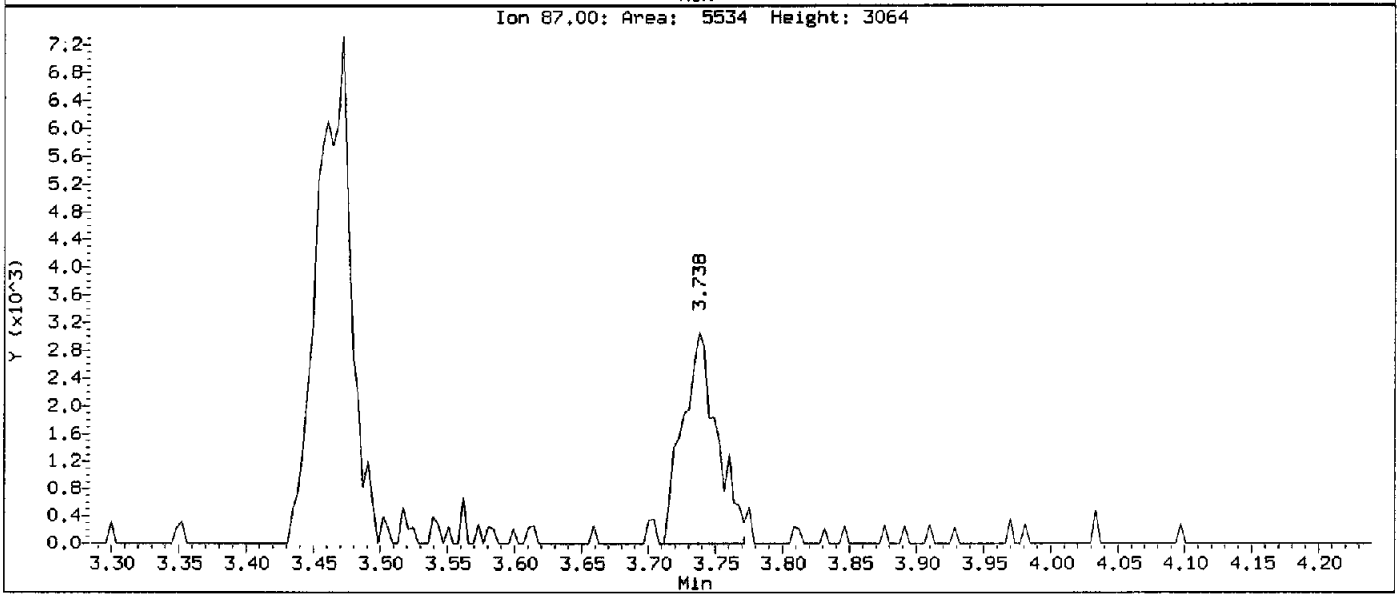

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Date : 17-DEC-2007 16:16
Client ID: VSTD1.0
Sample Info: VSTD1.0:L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D (Part 2 of 2)
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
Min
10.5
10.8
11.1
11.4
11.7
12.0
12.3
12.6
12.9
13.2
13.5
13.8
14.1
14.4
14.7
15.0
15.3
15.6
15.9
16.2
16.5
16.8
17.1
17.4
17.7
-cis-1,3-Dichloropropene+
-Toluene+
-trans-1,3-Dichloropropene+
-Chlorodibromomethane+
-1,1,1,2-Tetrachloroethane+
Ethylbenzene+
-o-Xylene
-Styrene
-Isopropylbenzene+
-4-Bromofluorobenzene+
-Bromobenzene+
1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-Cyclohexanone+
-t-Butylbenzene
-Pentachloroethane+
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene+
-1,2-Dibromo-3-chloropropa+
-Hexachlorobutadiene+
-1,2,3-Trichlorobenzene+

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Freon-114
CAS Number: 374-07-2







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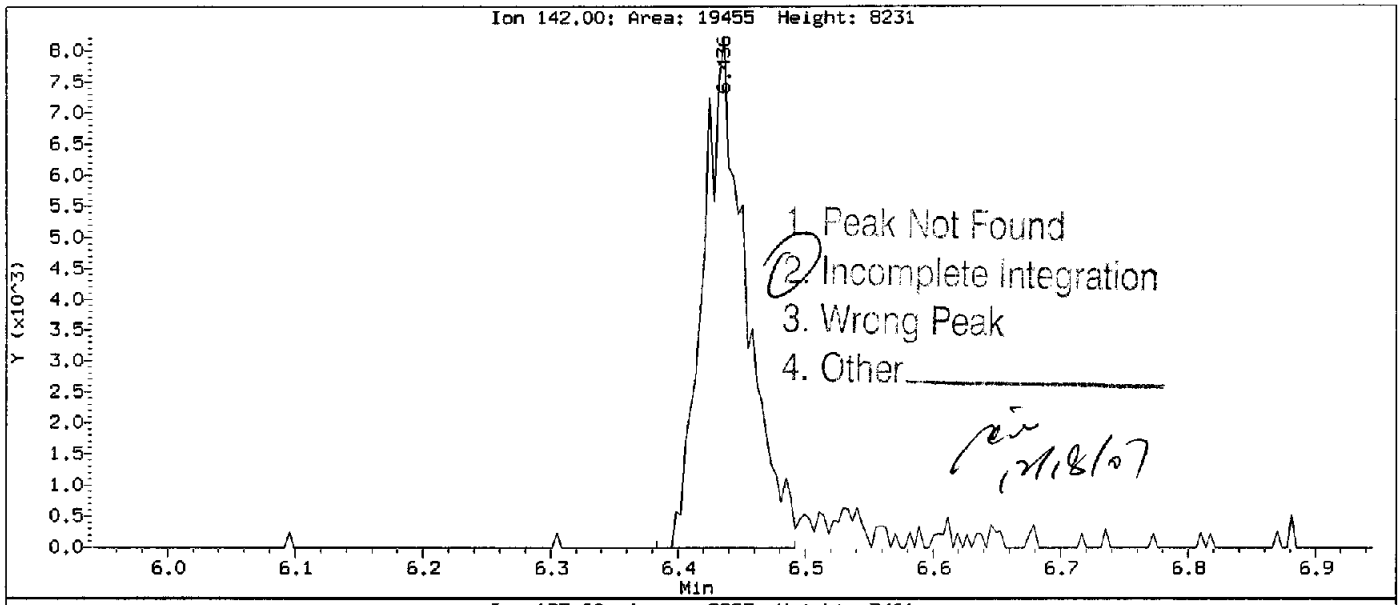
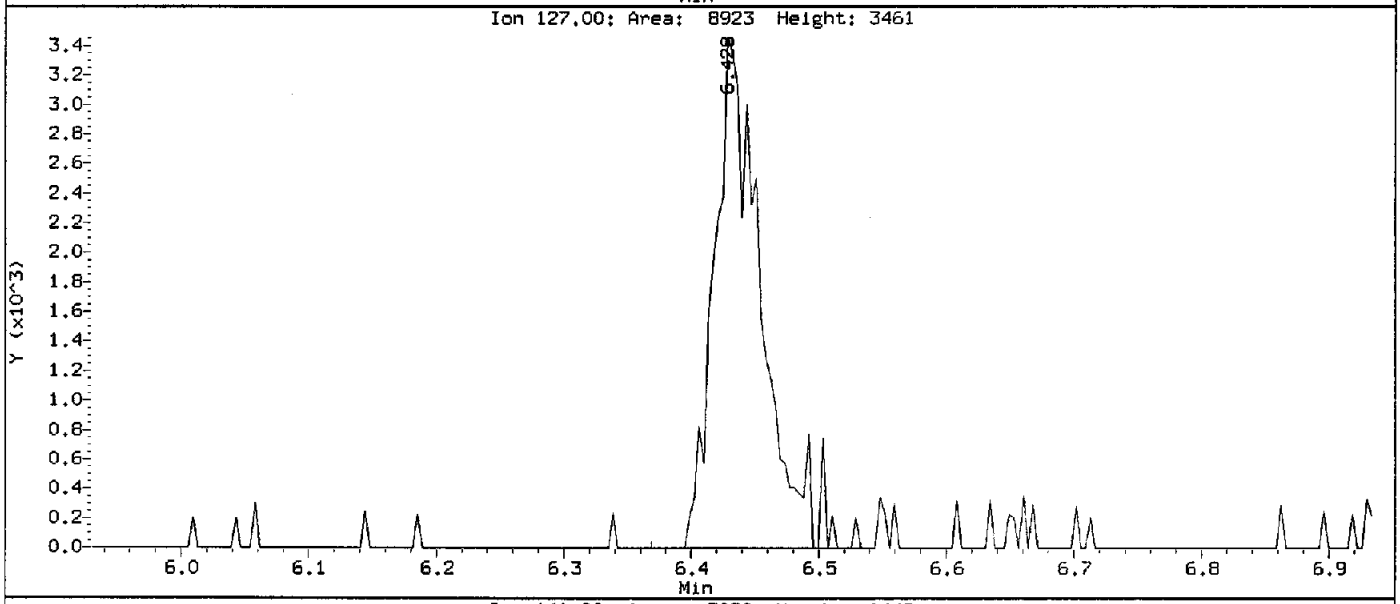
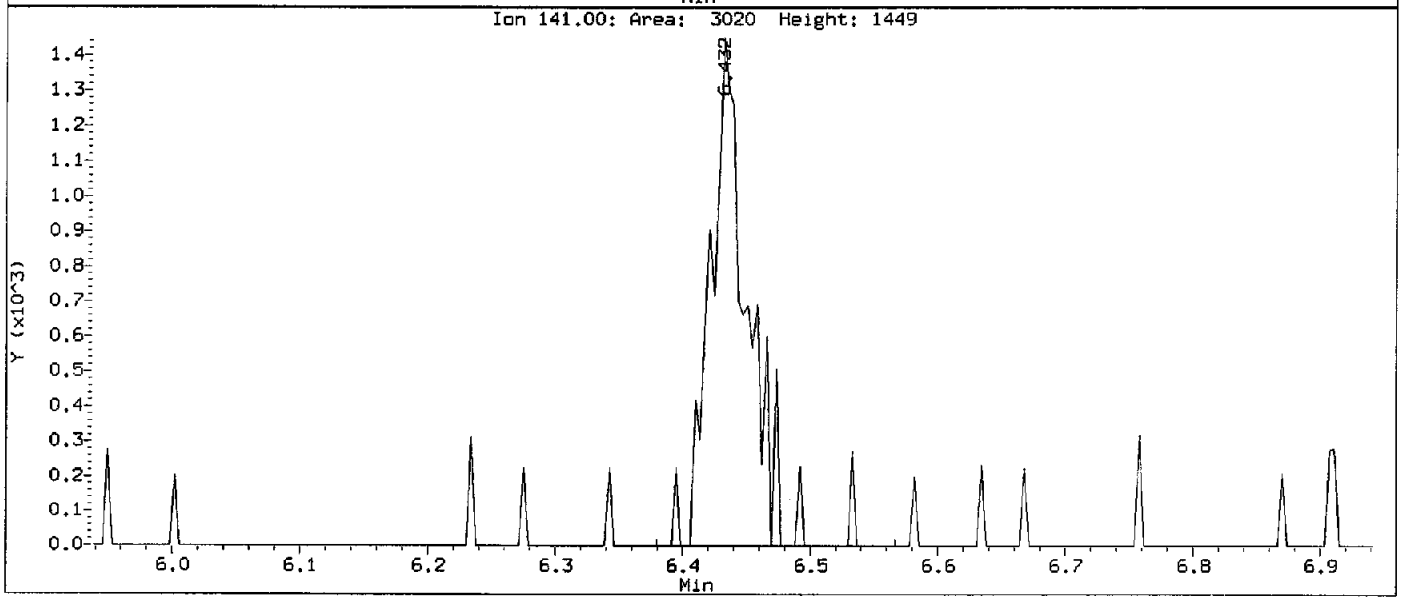
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Iodomethane
CAS Number: 74-88-4







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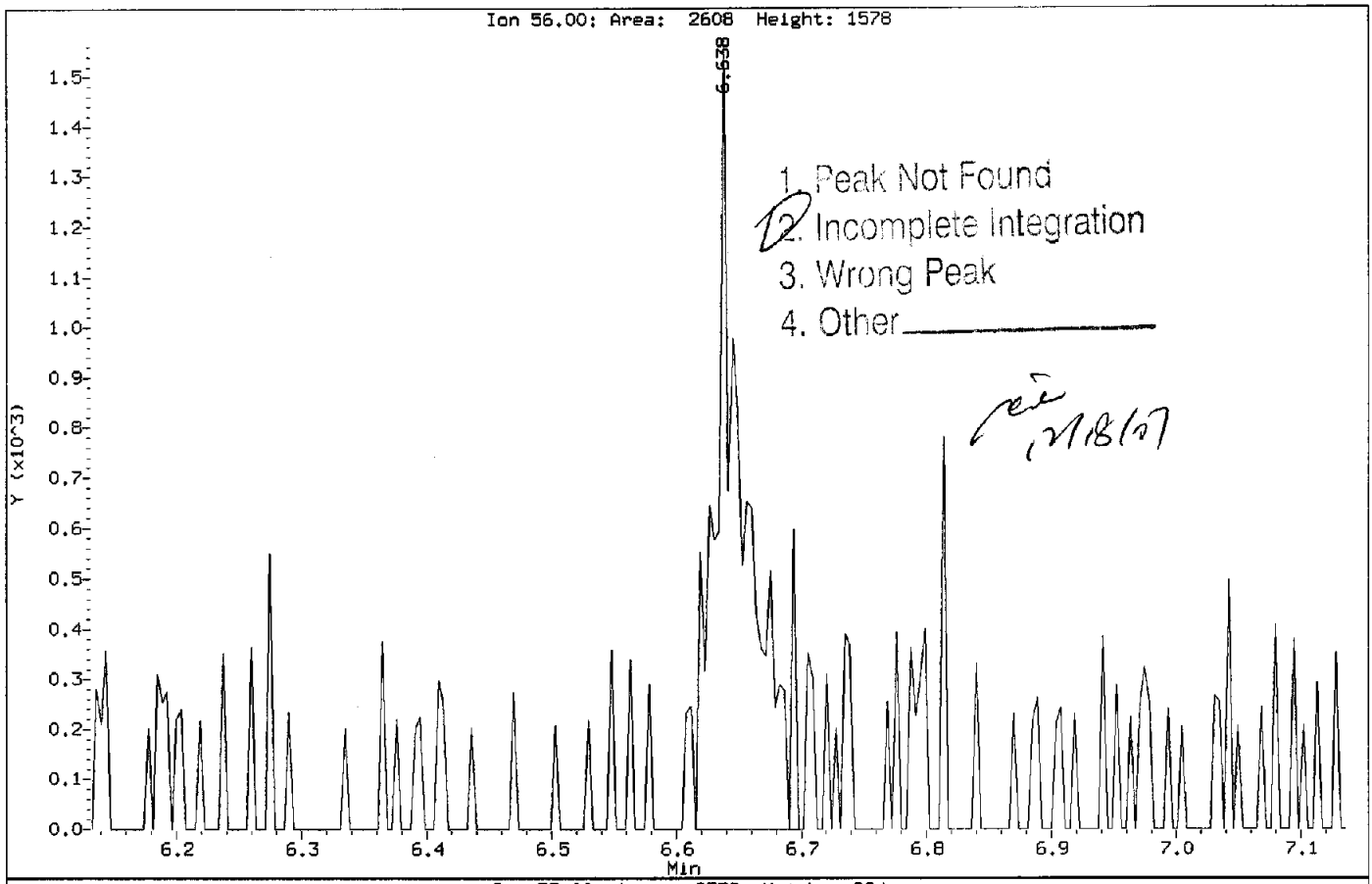
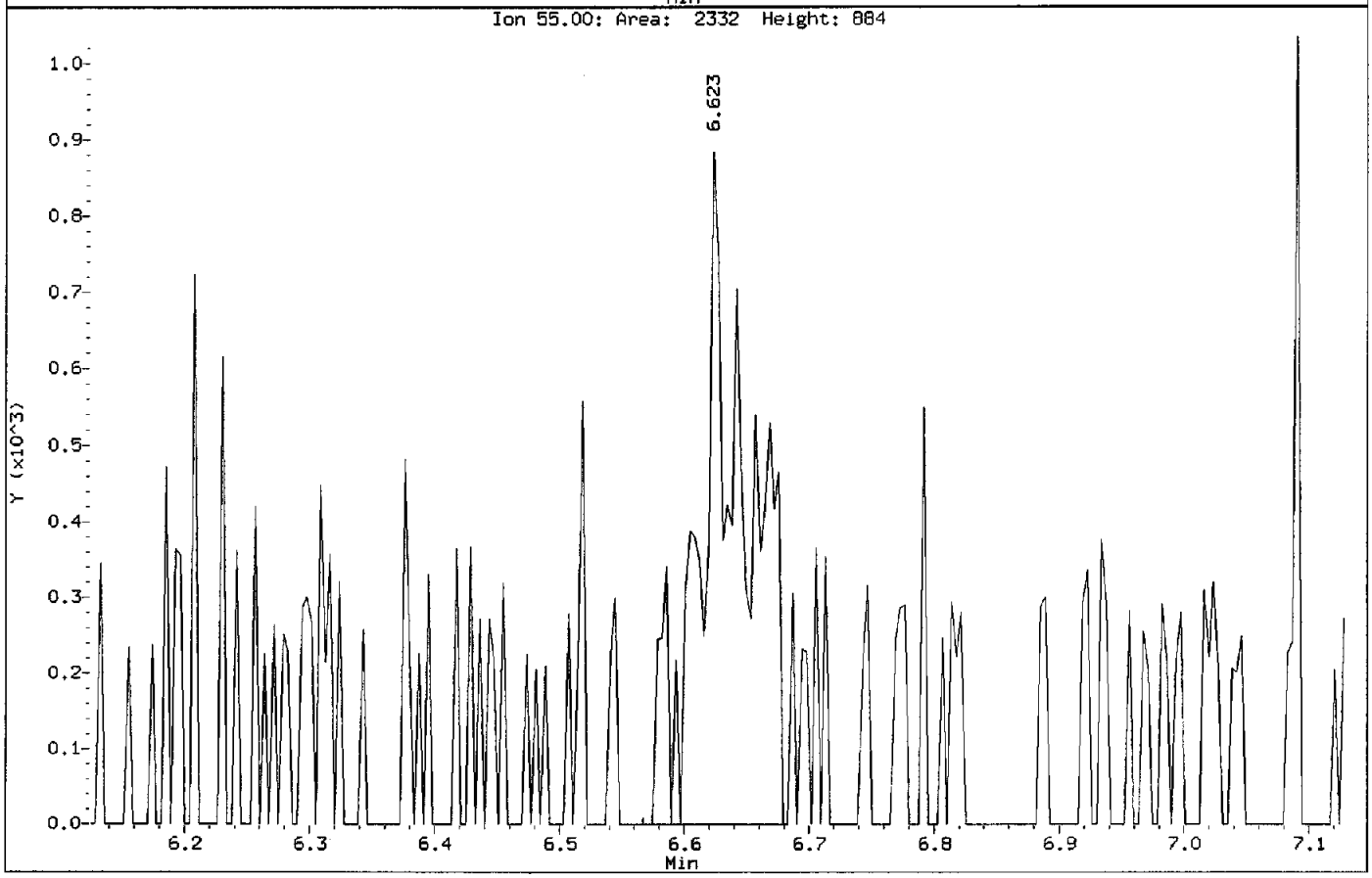
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

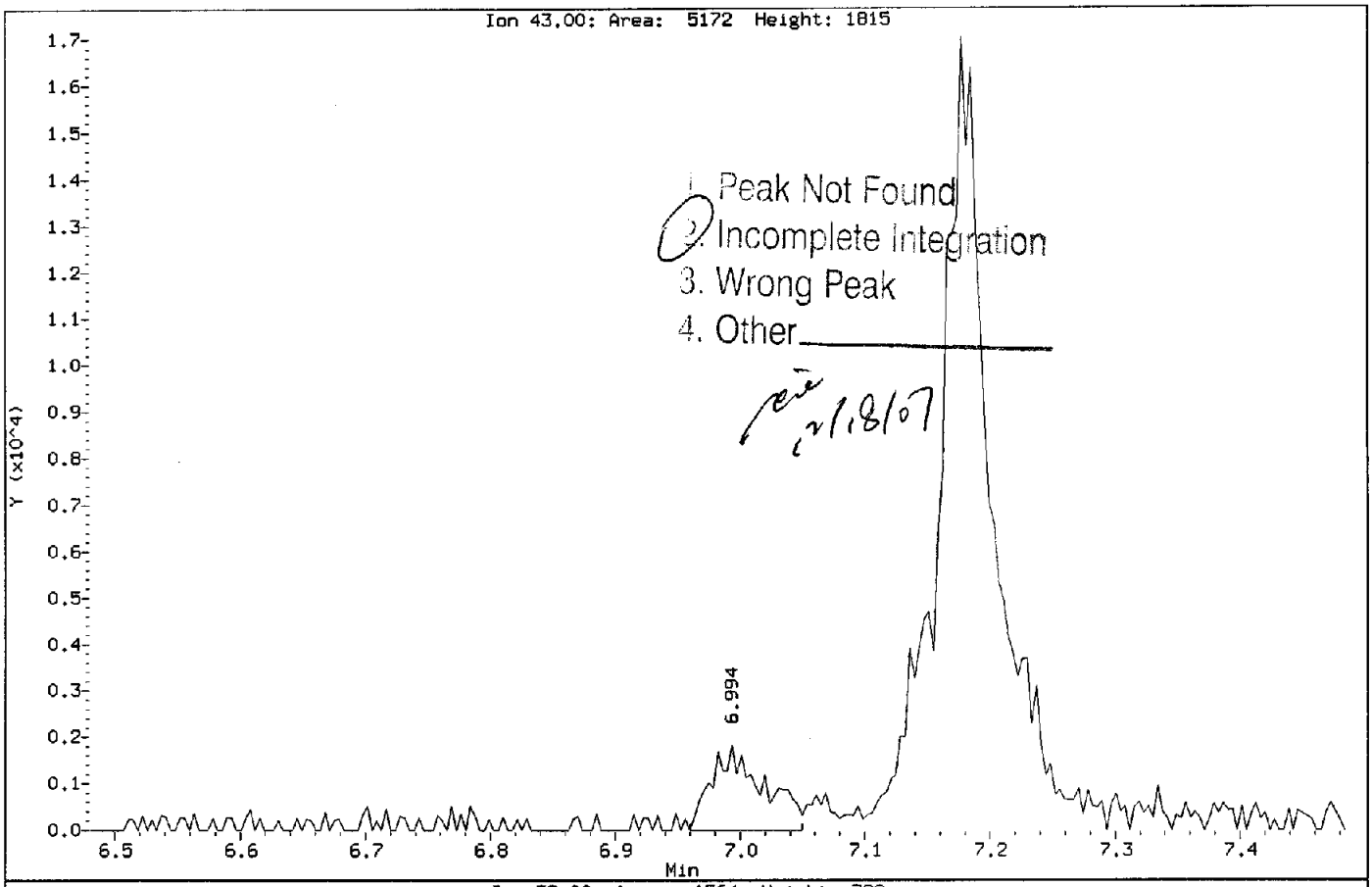
Compound: Acrolein
CAS Number: 107-02-8

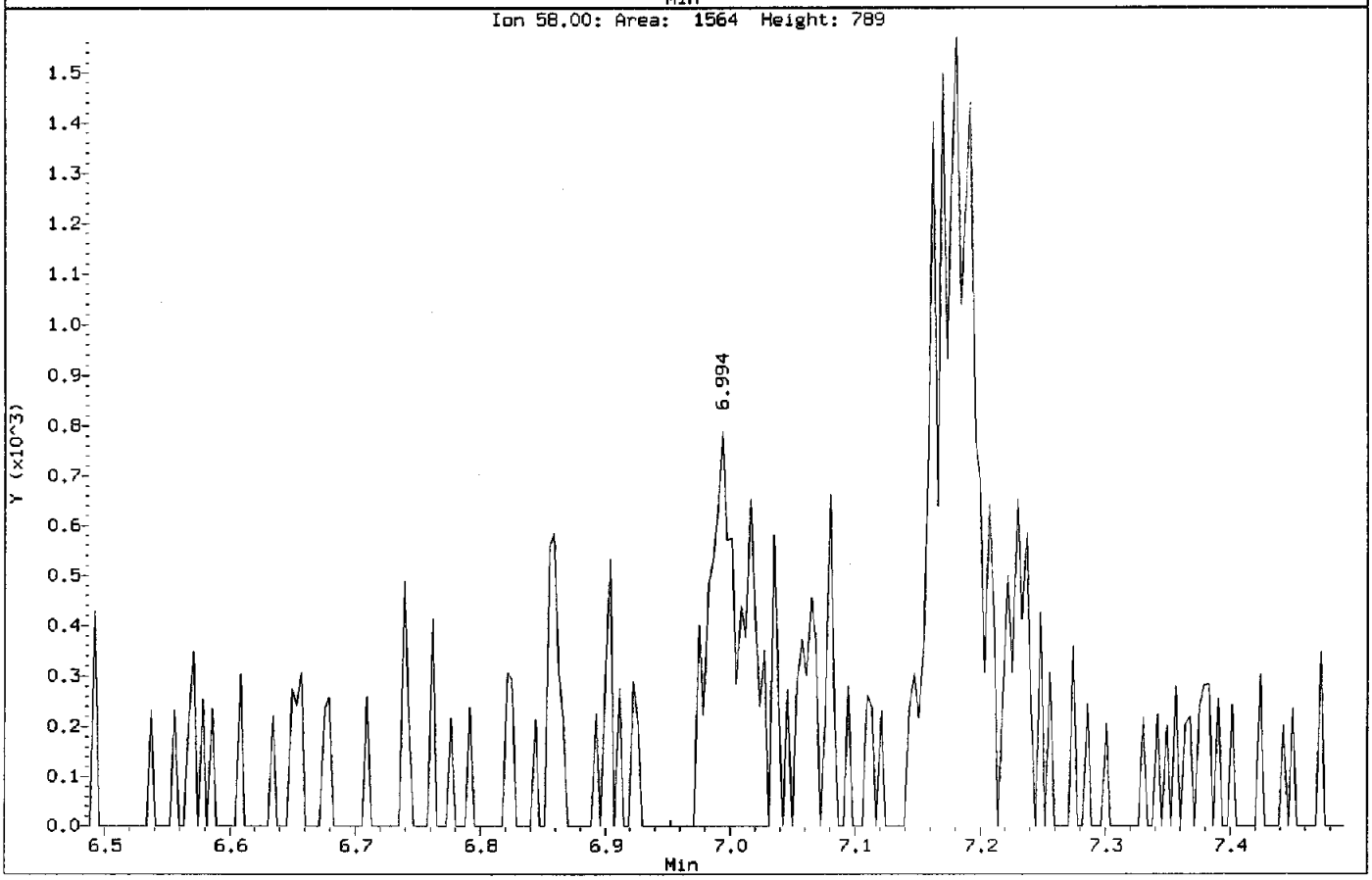




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

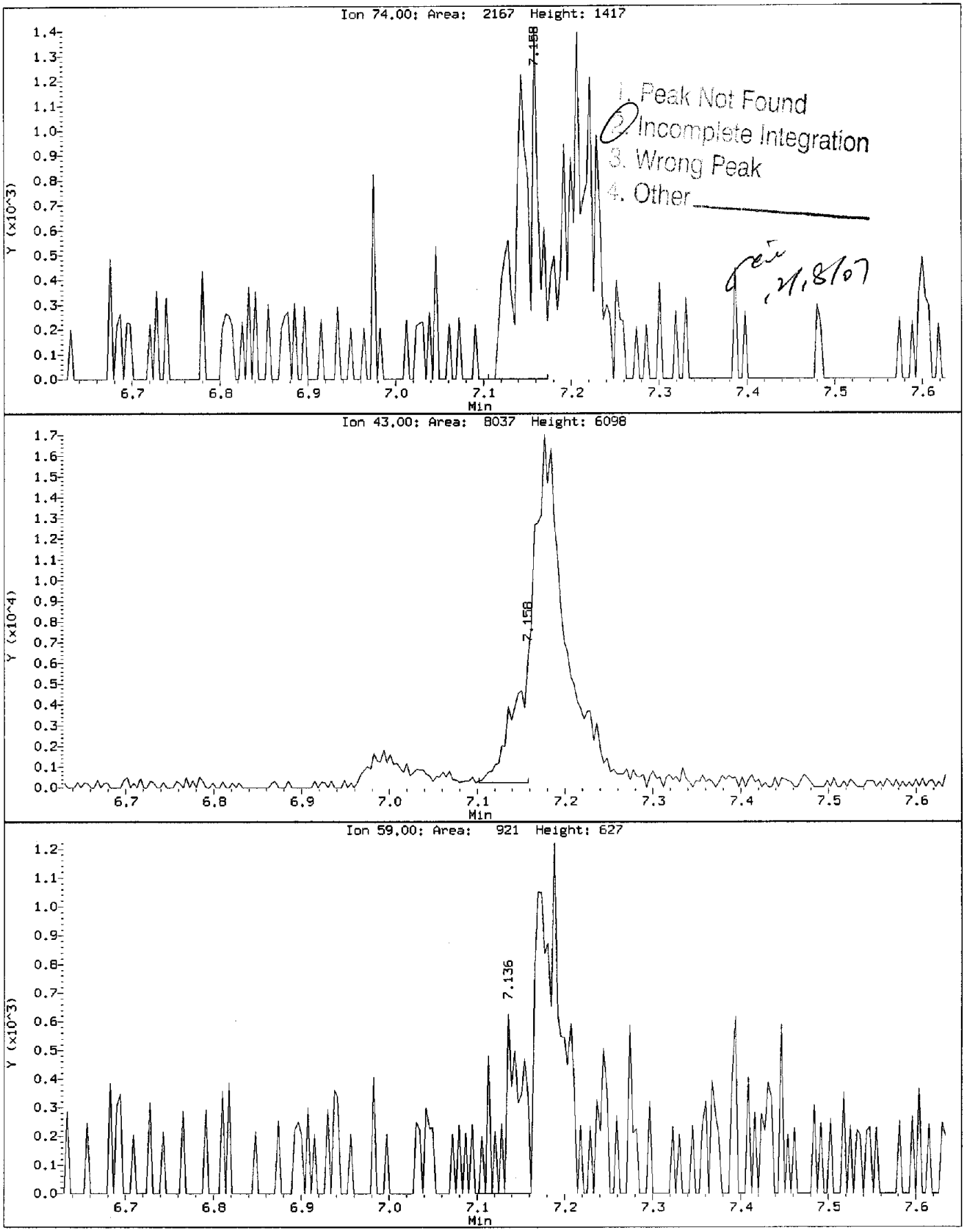
Compound: Acetone
CAS Number: 67-64-1





Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Methyl Acetate
CAS Number:



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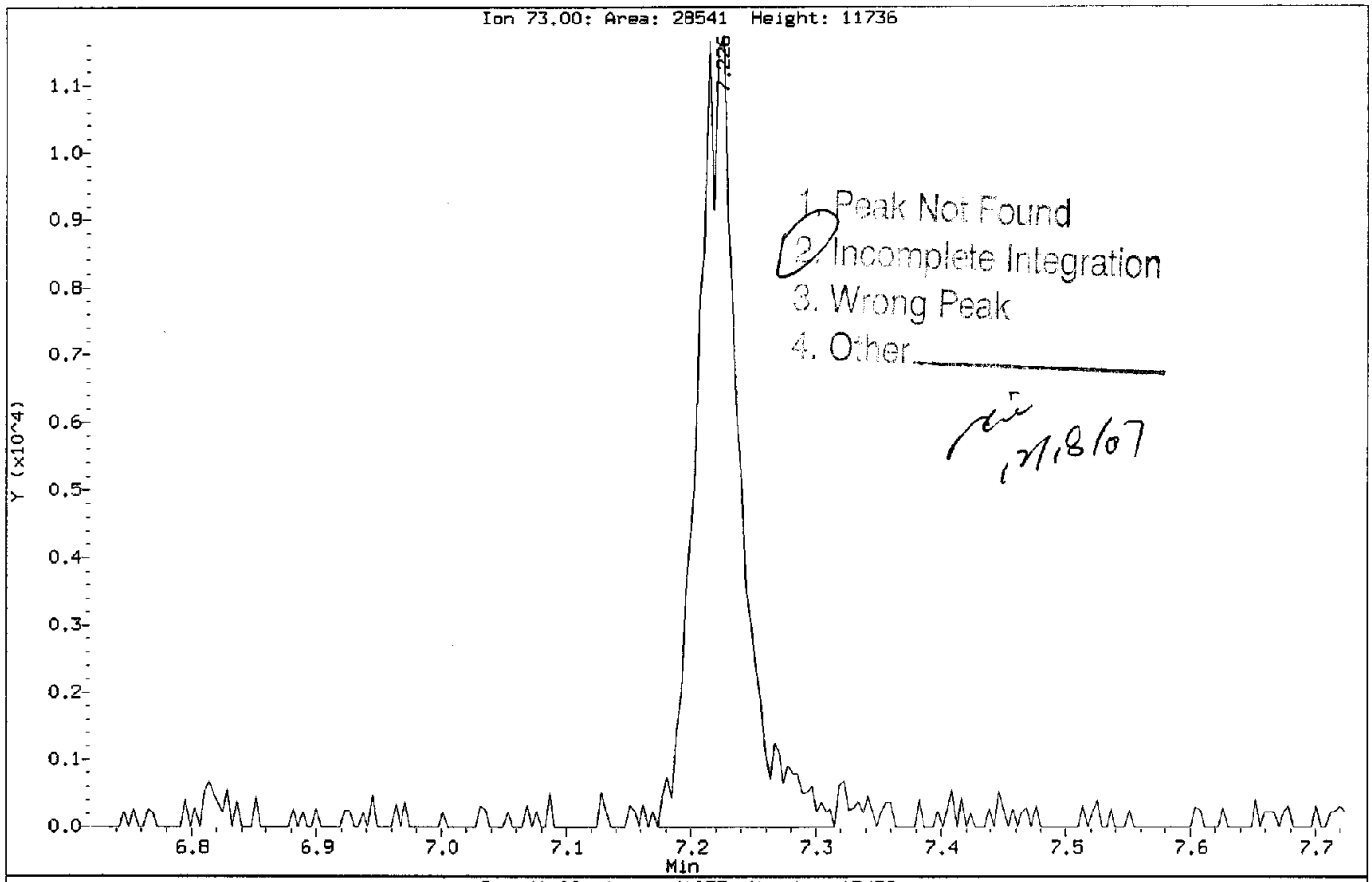
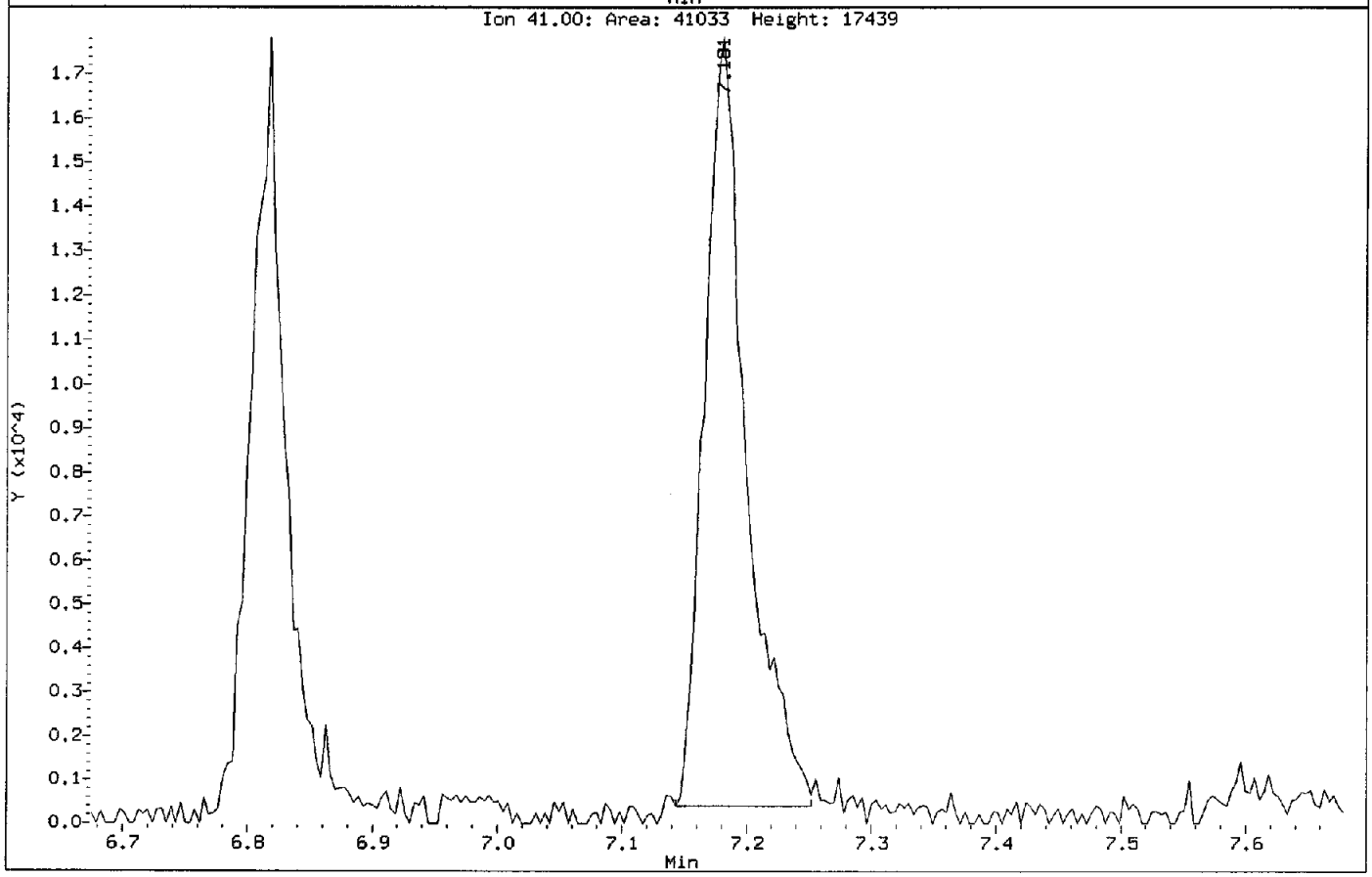
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

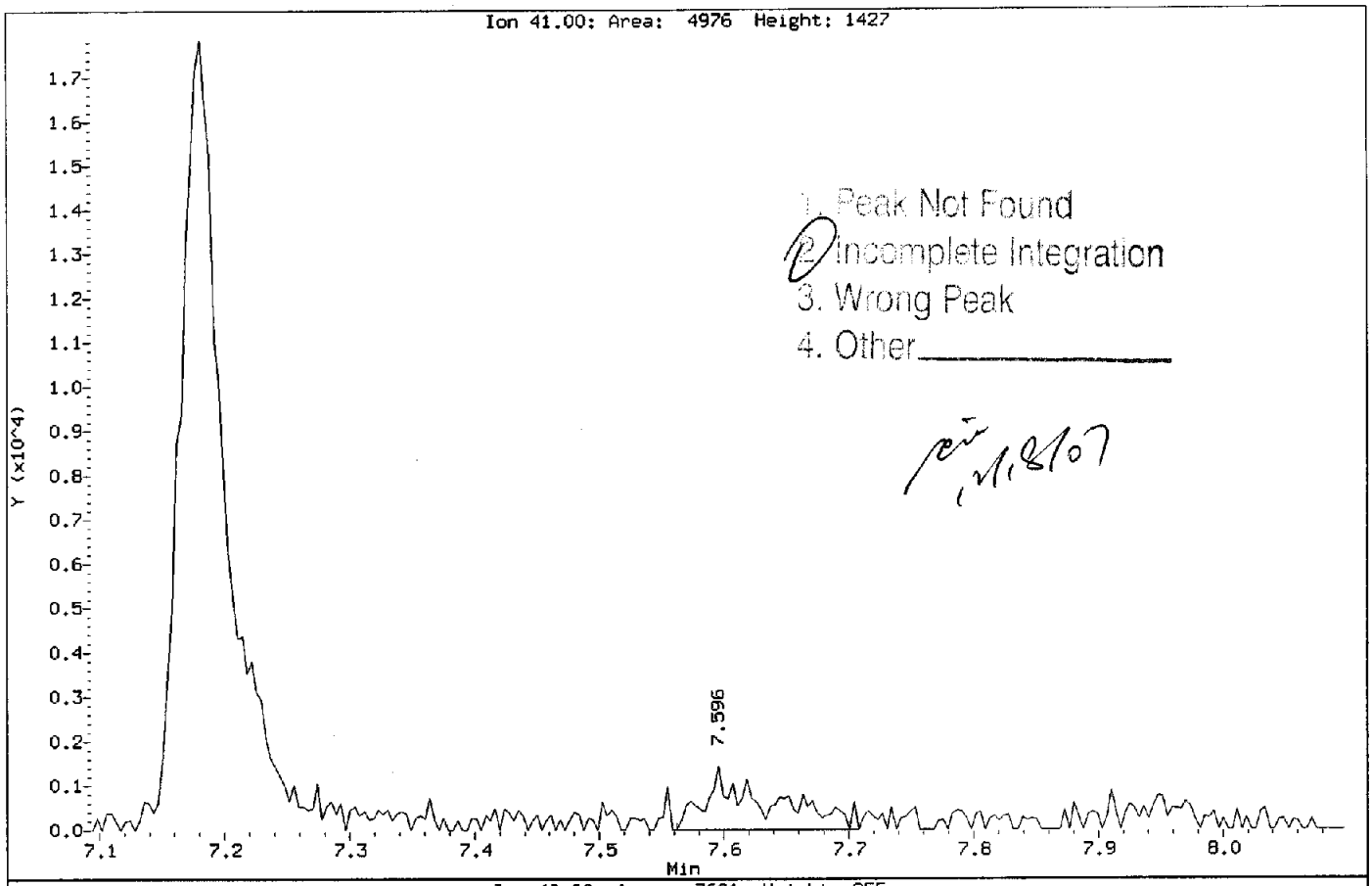
Compound: MTBE
CAS Number: 1634-04-4





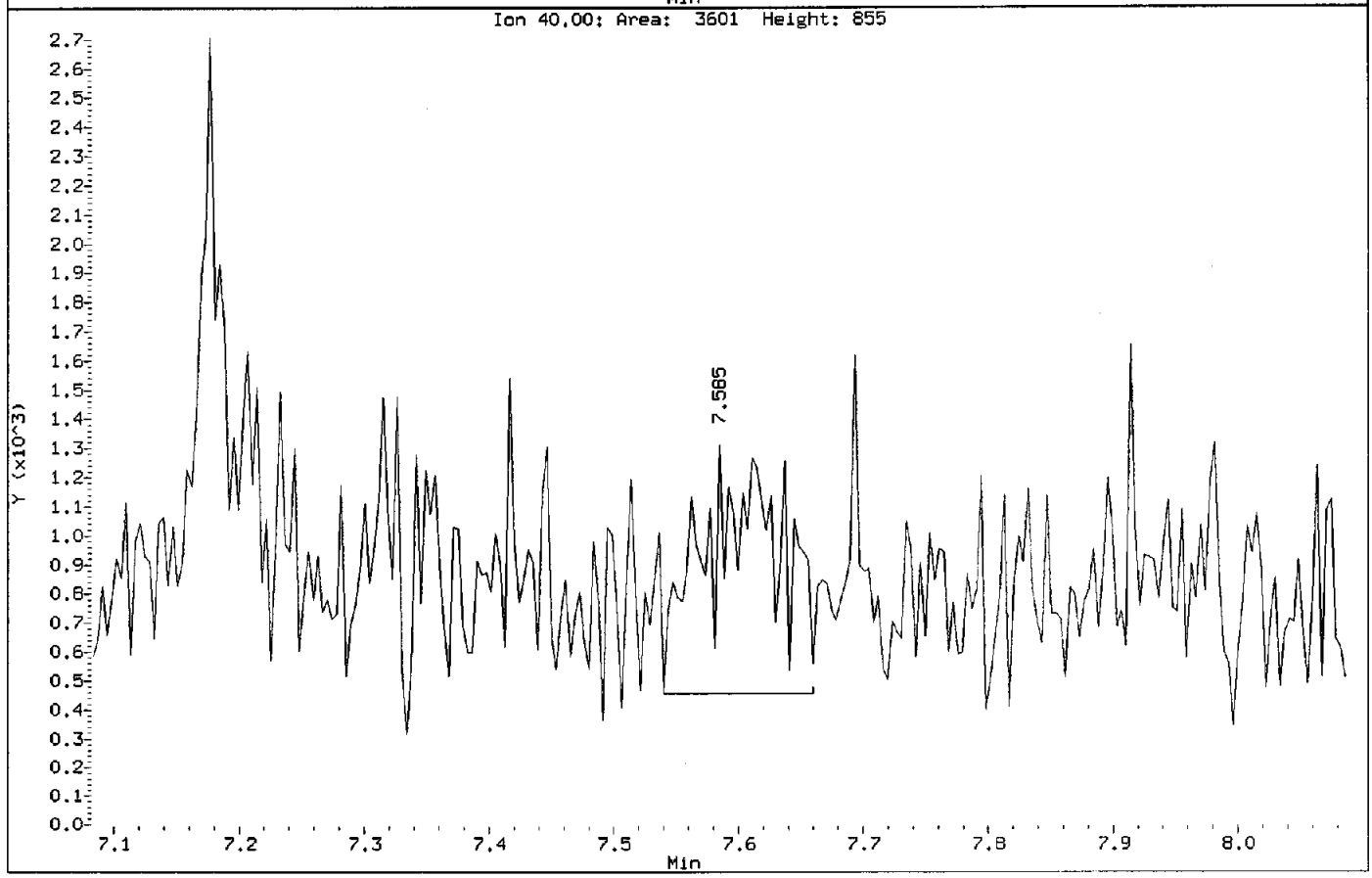
Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Acetonitrile
CAS Number: 75-05-8



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12/11/8/07



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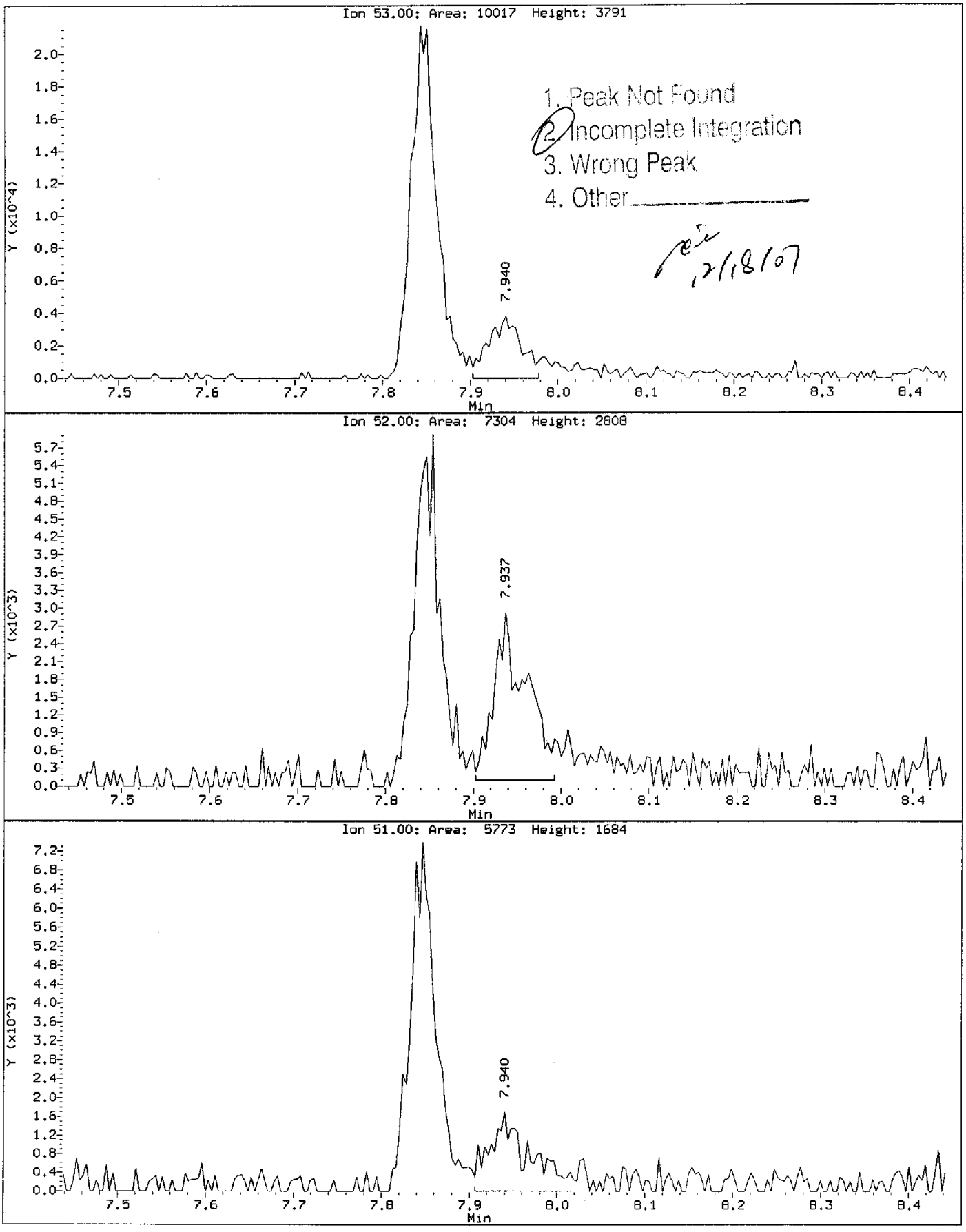
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Acrylonitrile
CAS Number: 107-13-1



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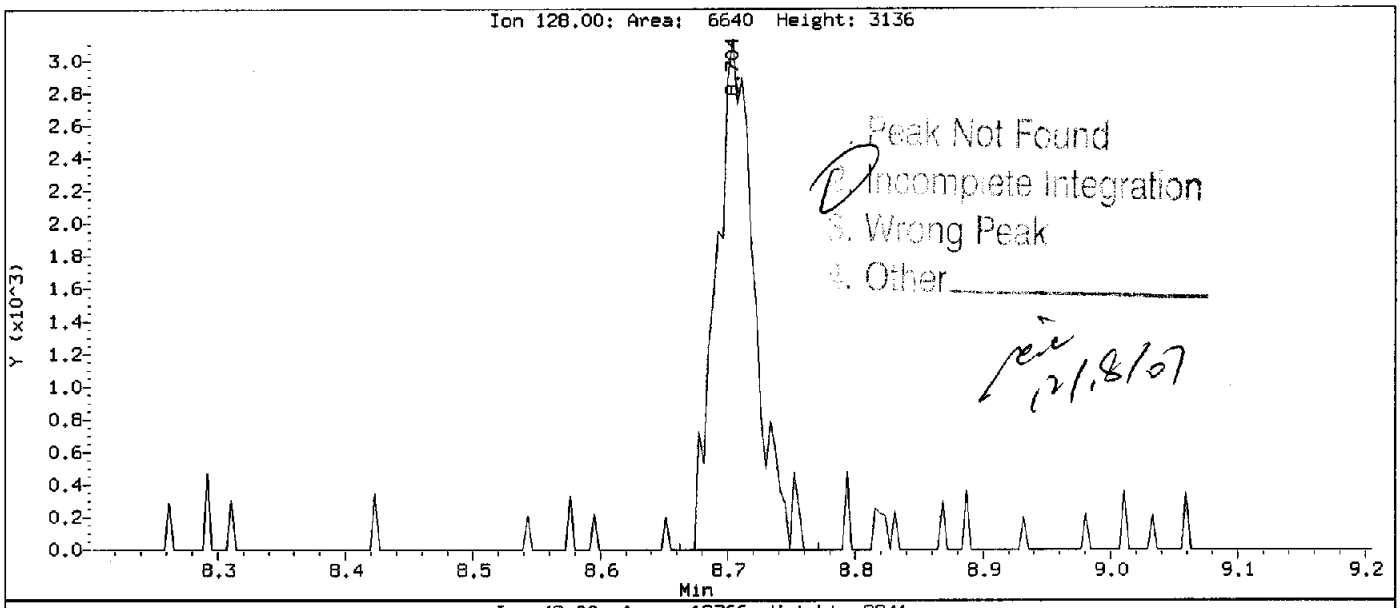
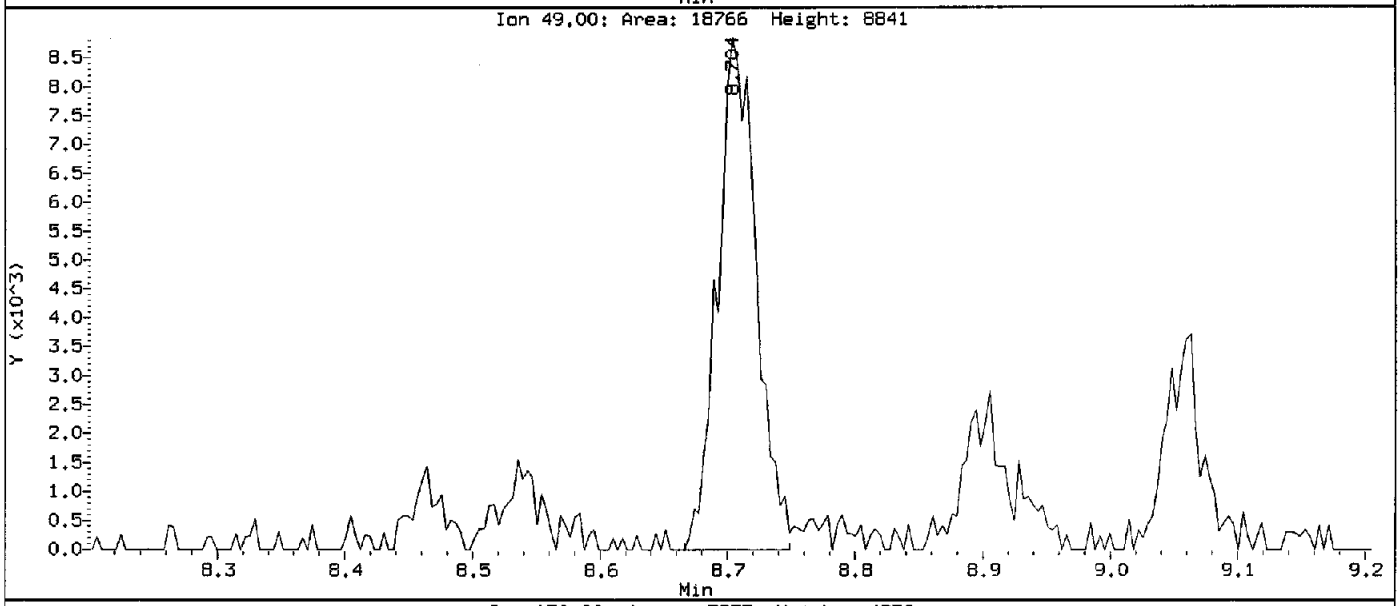
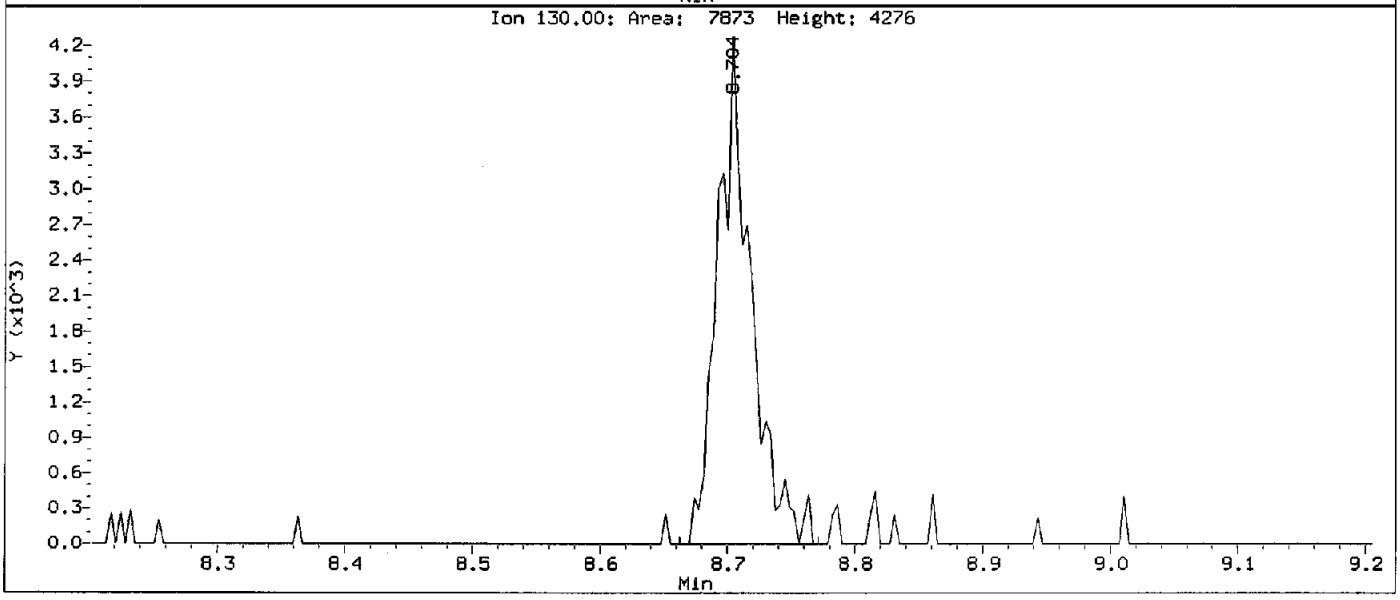
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Bromochloromethane
CAS Number: 74-97-5







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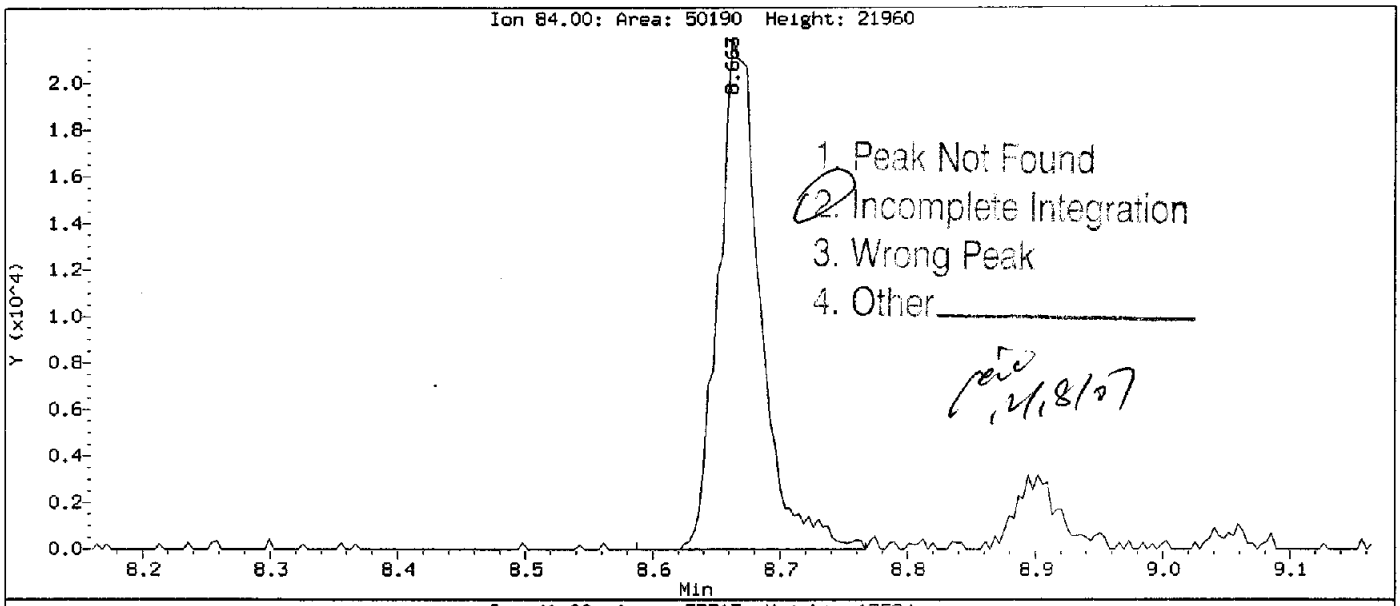
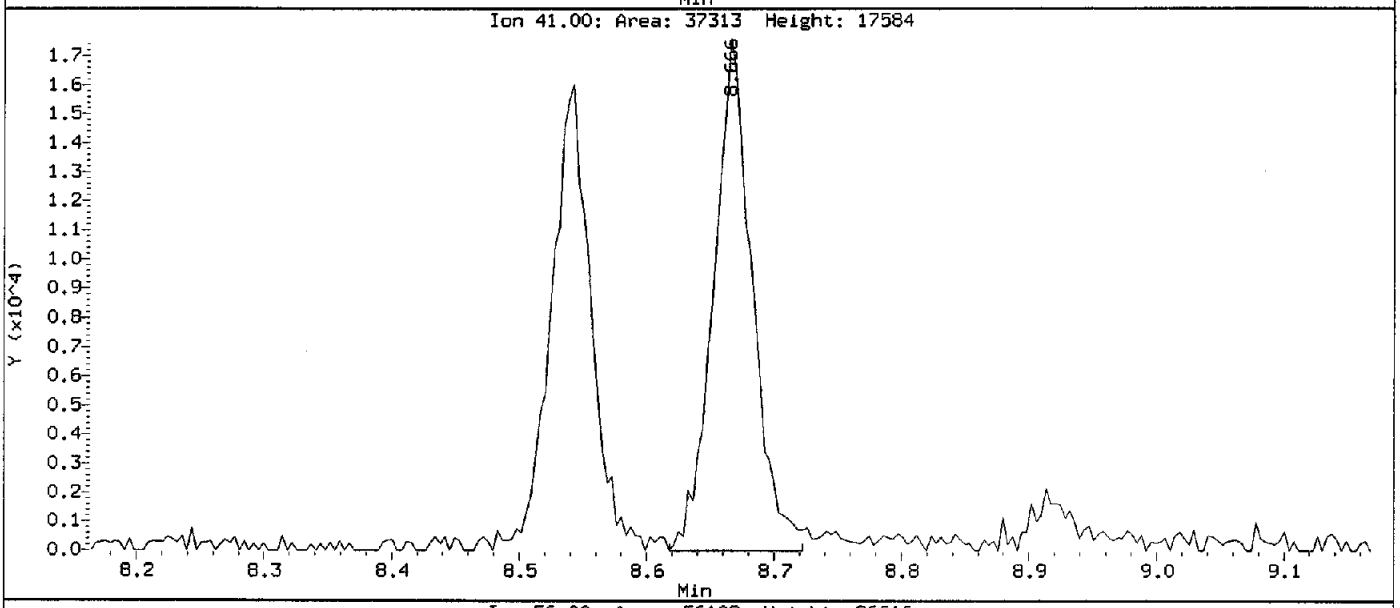
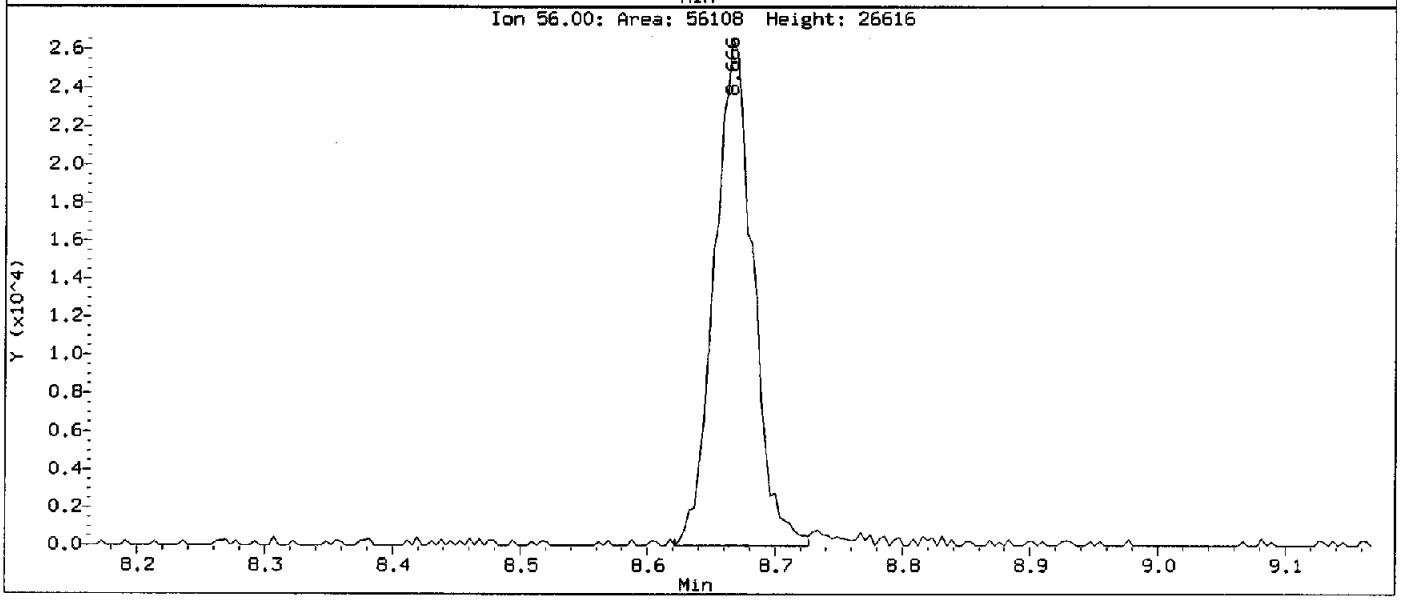
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Cyclohexane
CAS Number:







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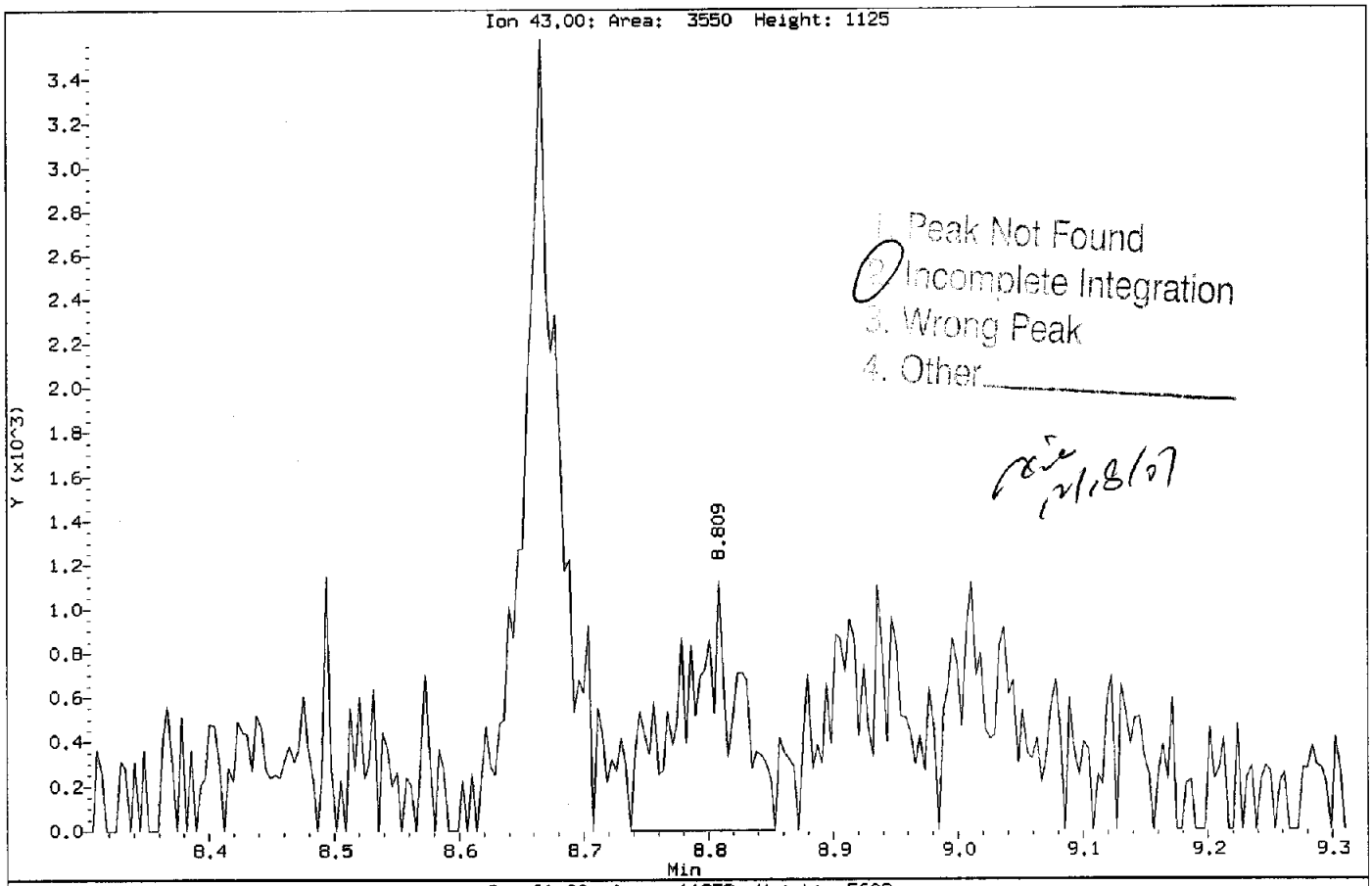
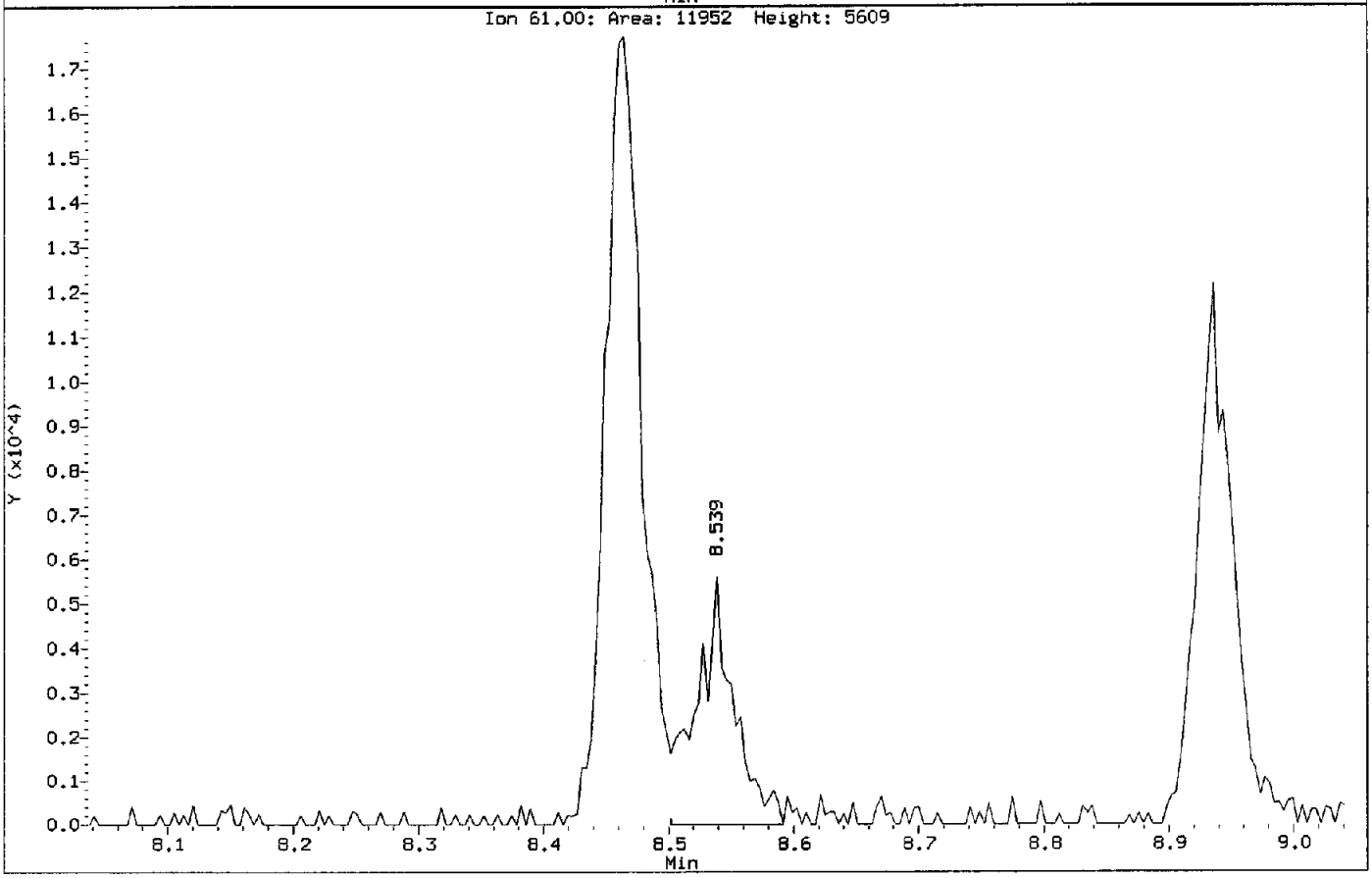
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Ethyl acetate
CAS Number: 141-78-6





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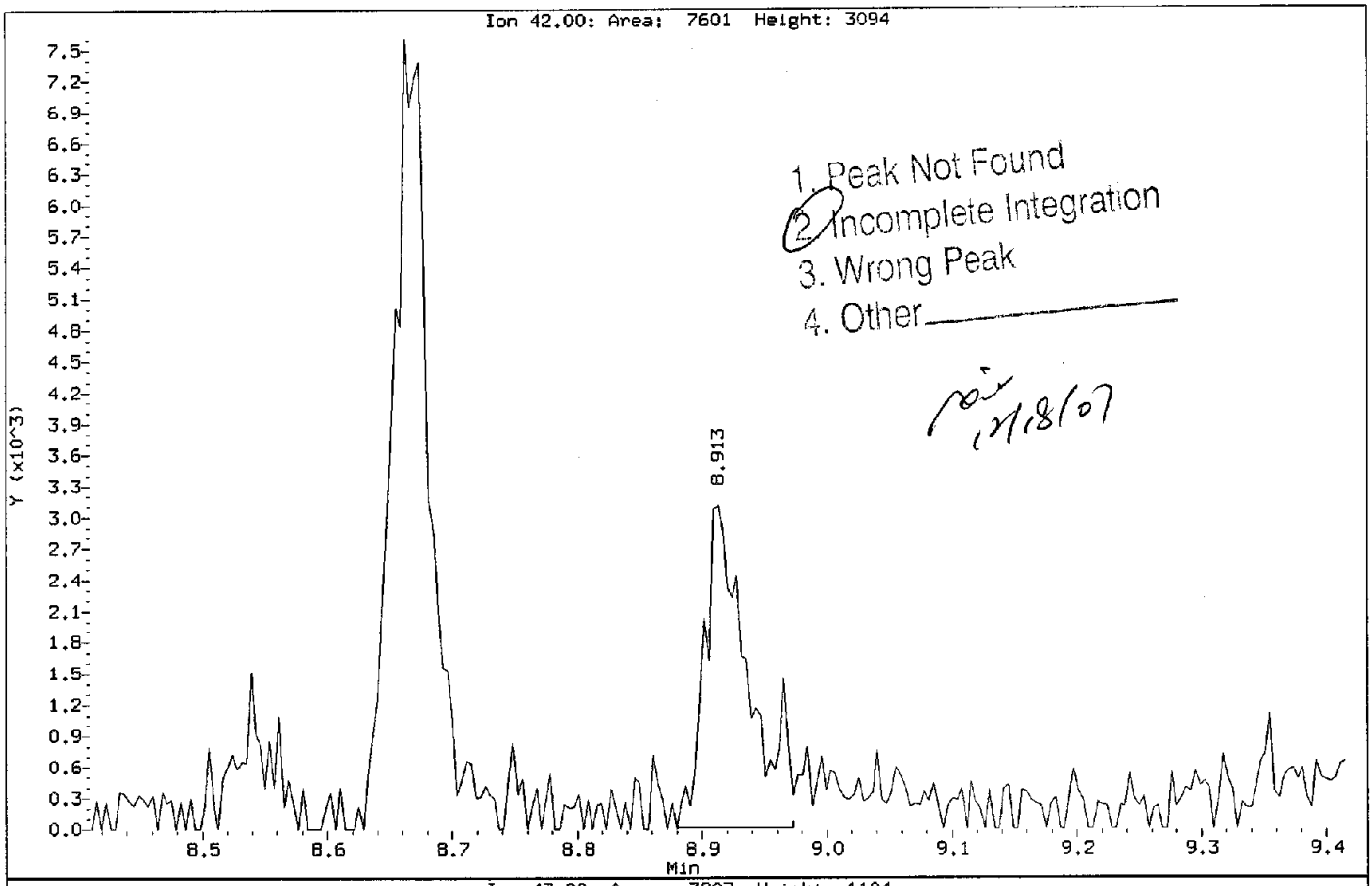
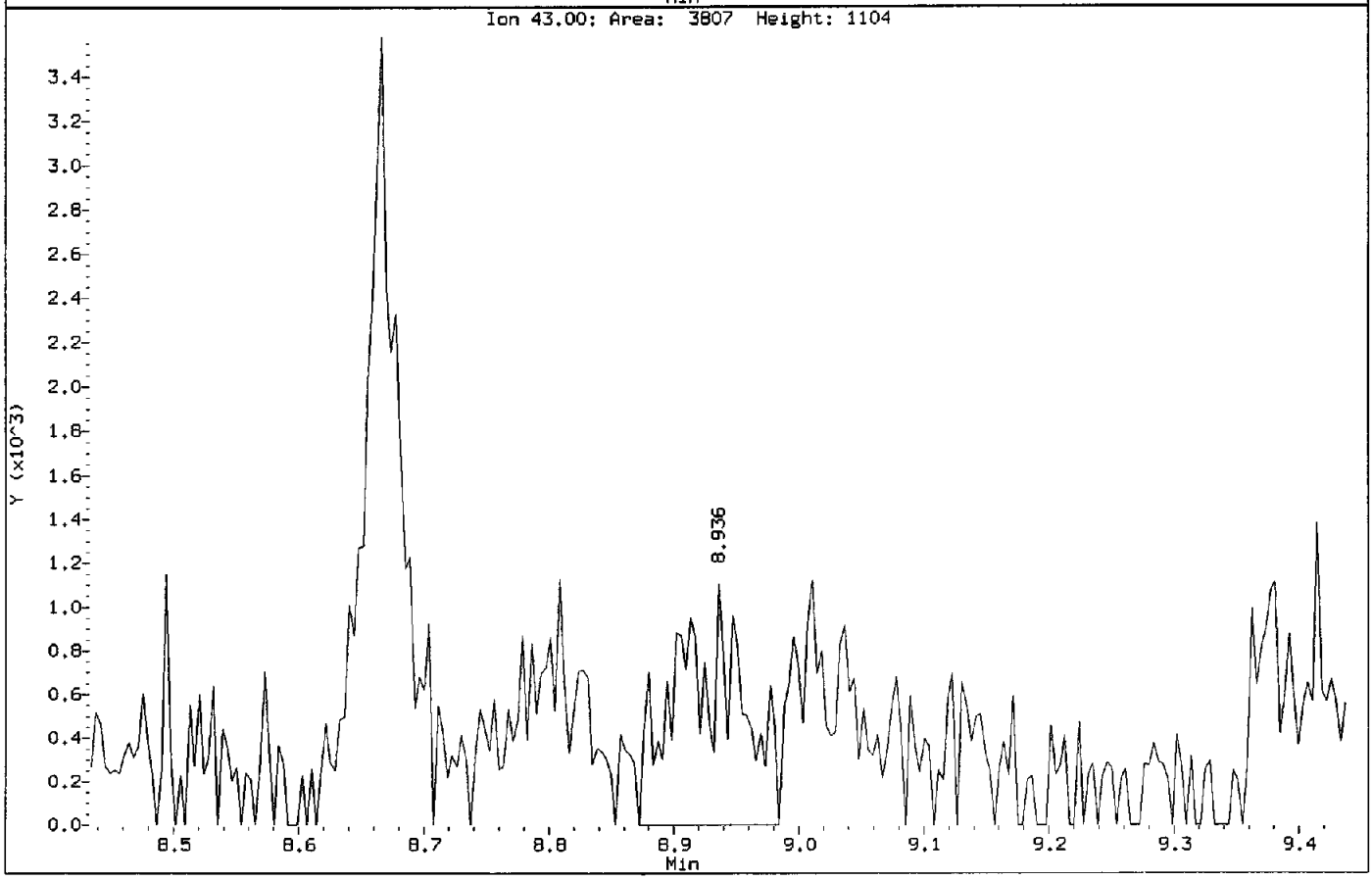
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Isobutanol
CAS Number: 78-83-1





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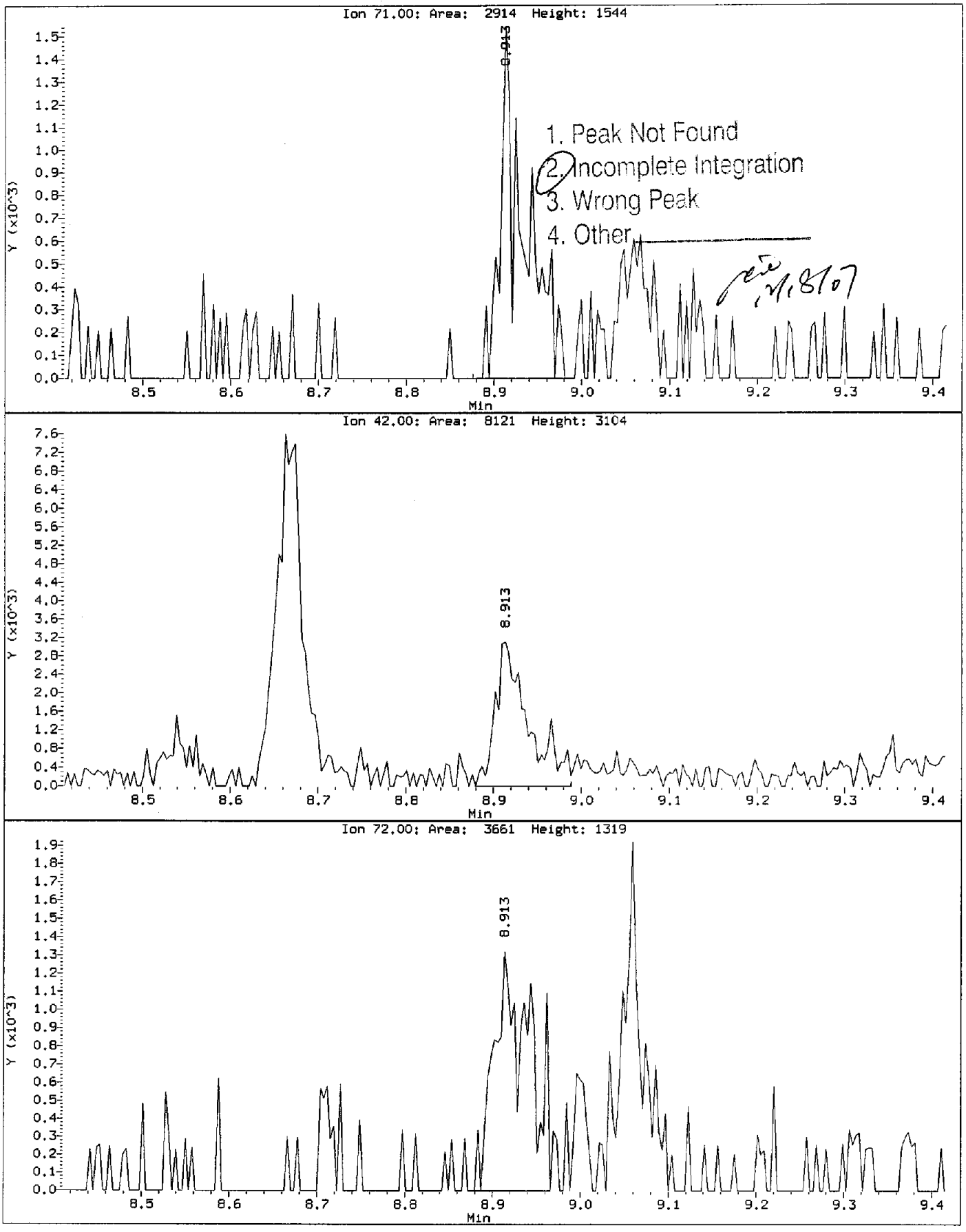
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Tetrahydrofuran
CAS Number: 109-99-9



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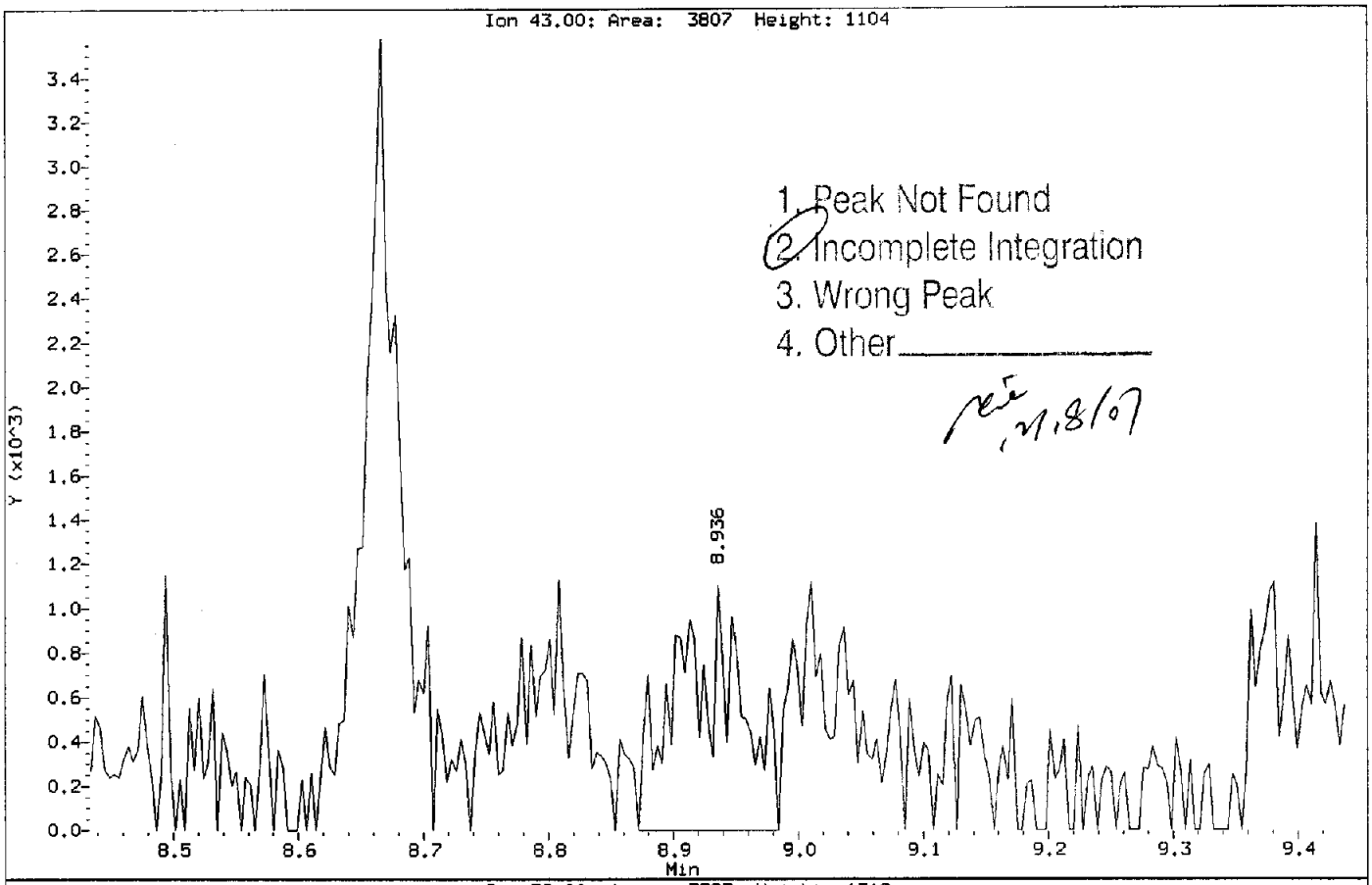
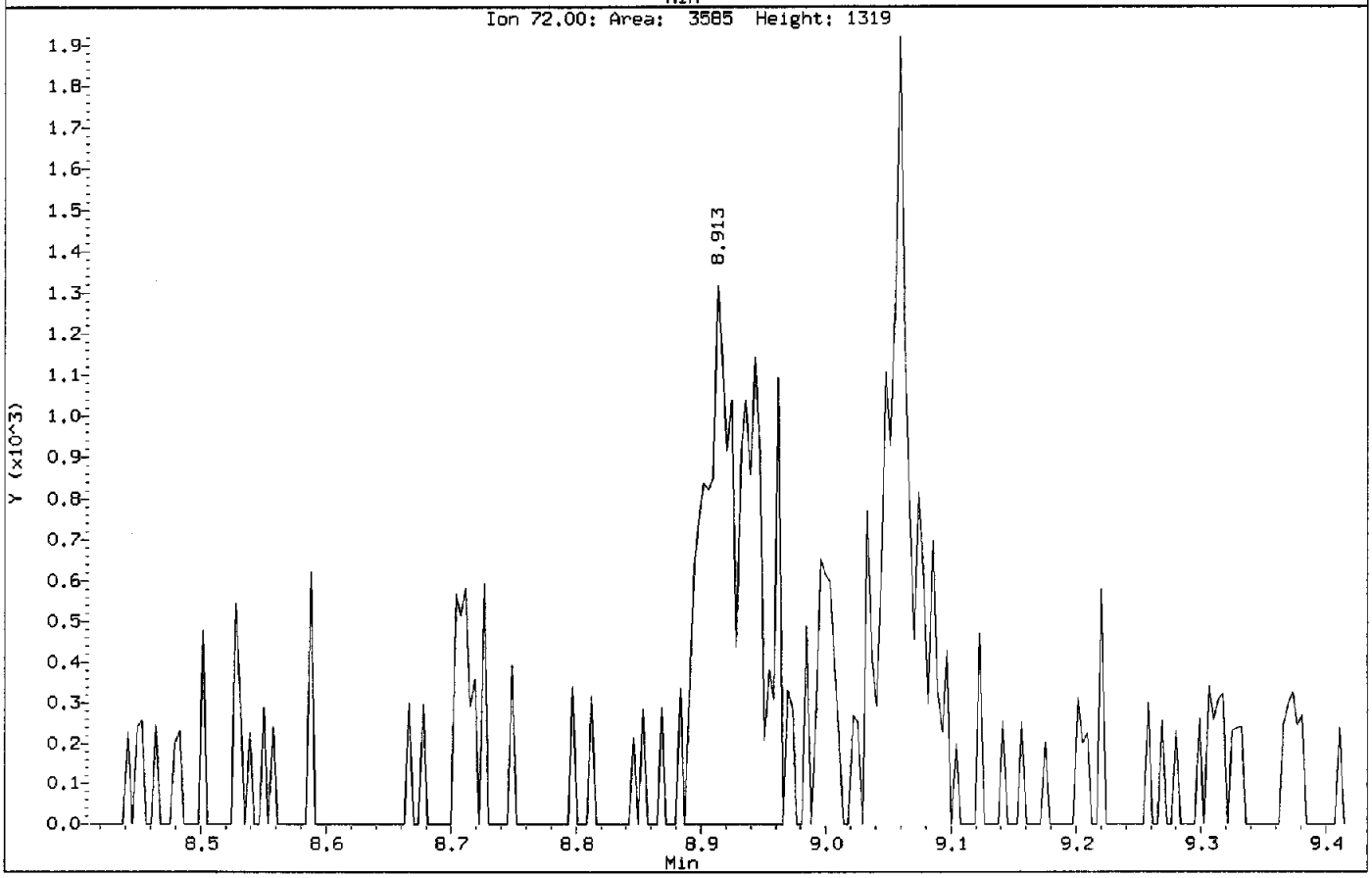
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 2-Butanone
CAS Number: 78-93-3





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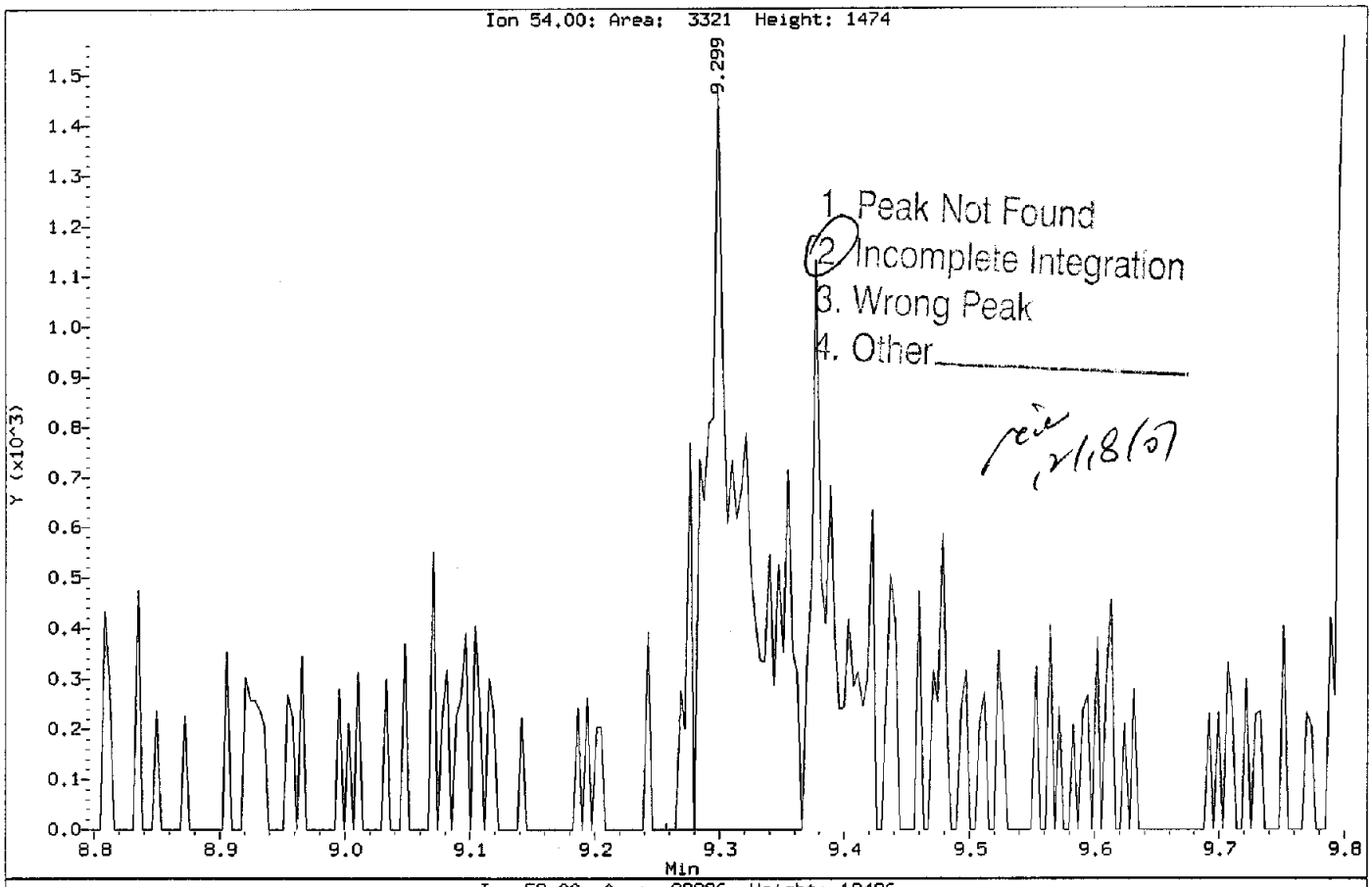
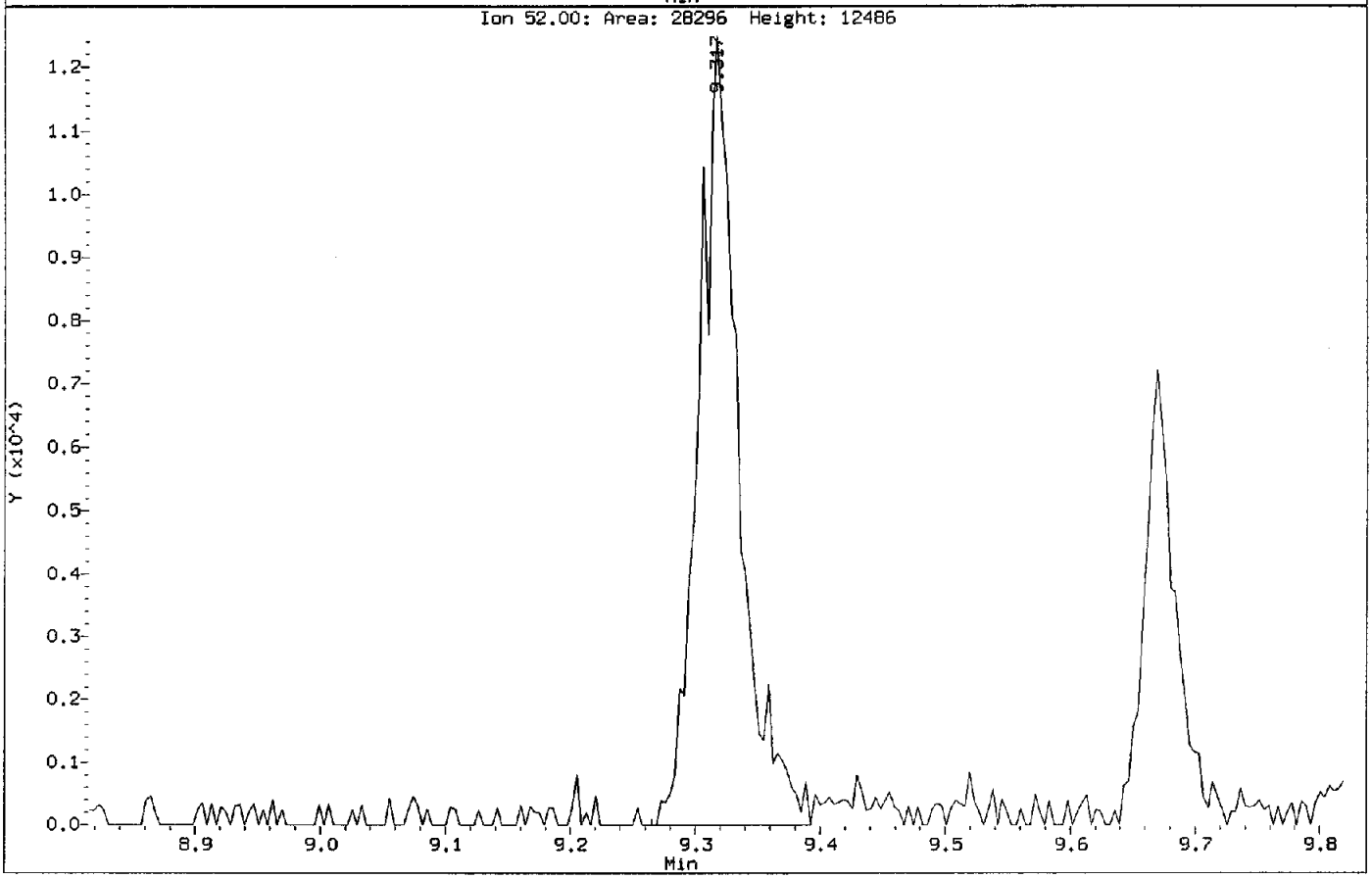
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

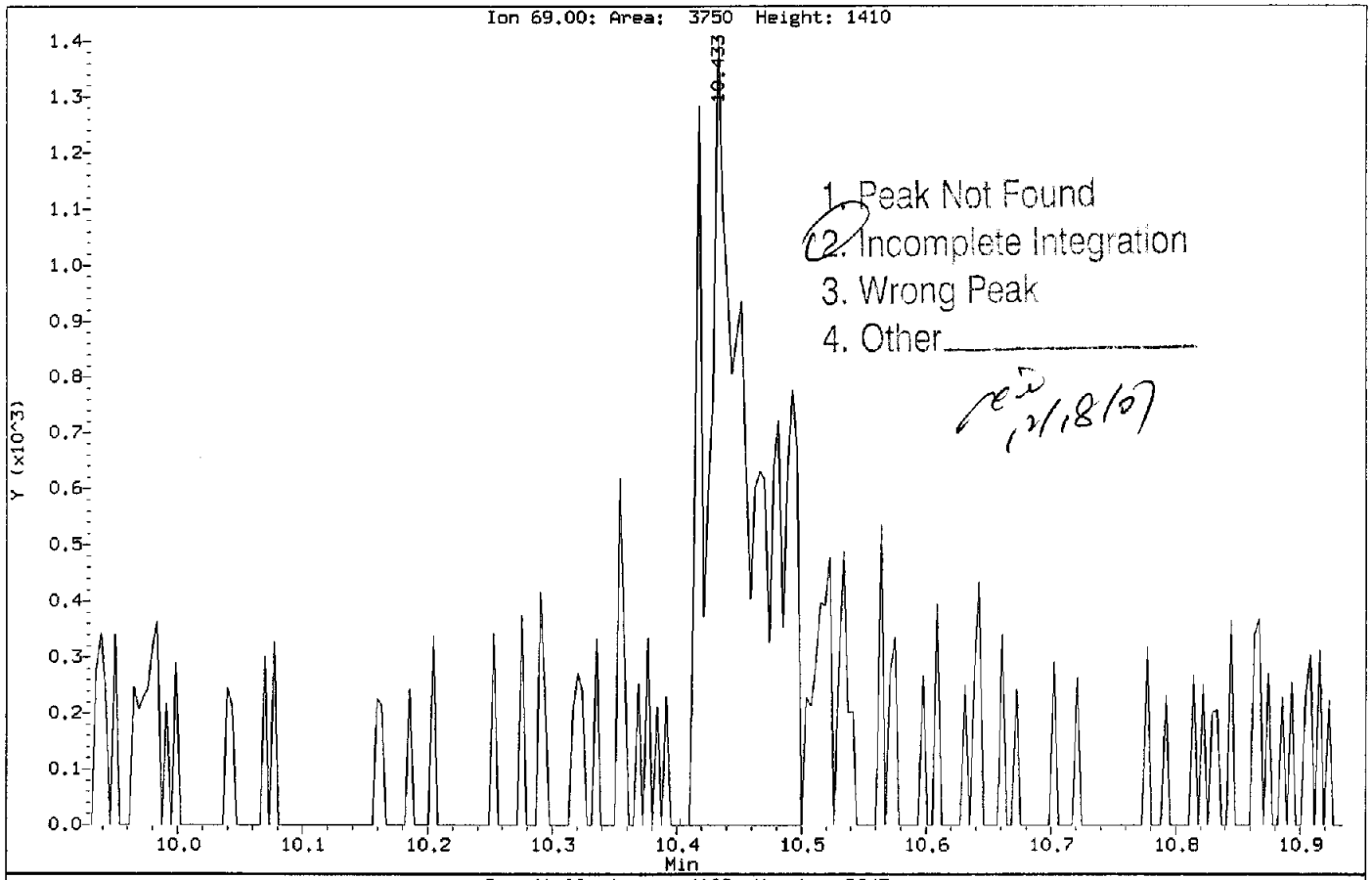
Compound: Propionitrile
CAS Number: 107-12-0

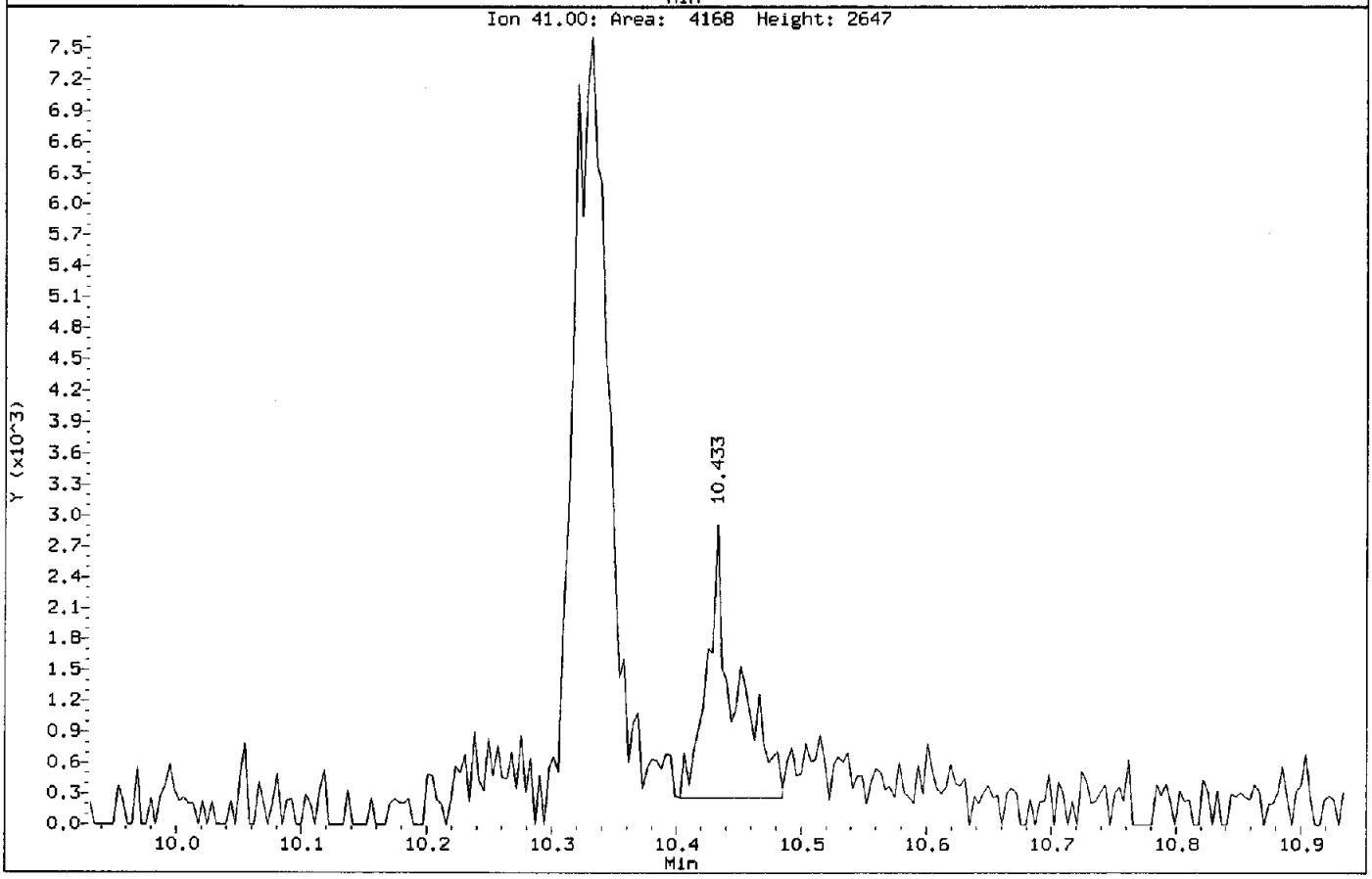




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

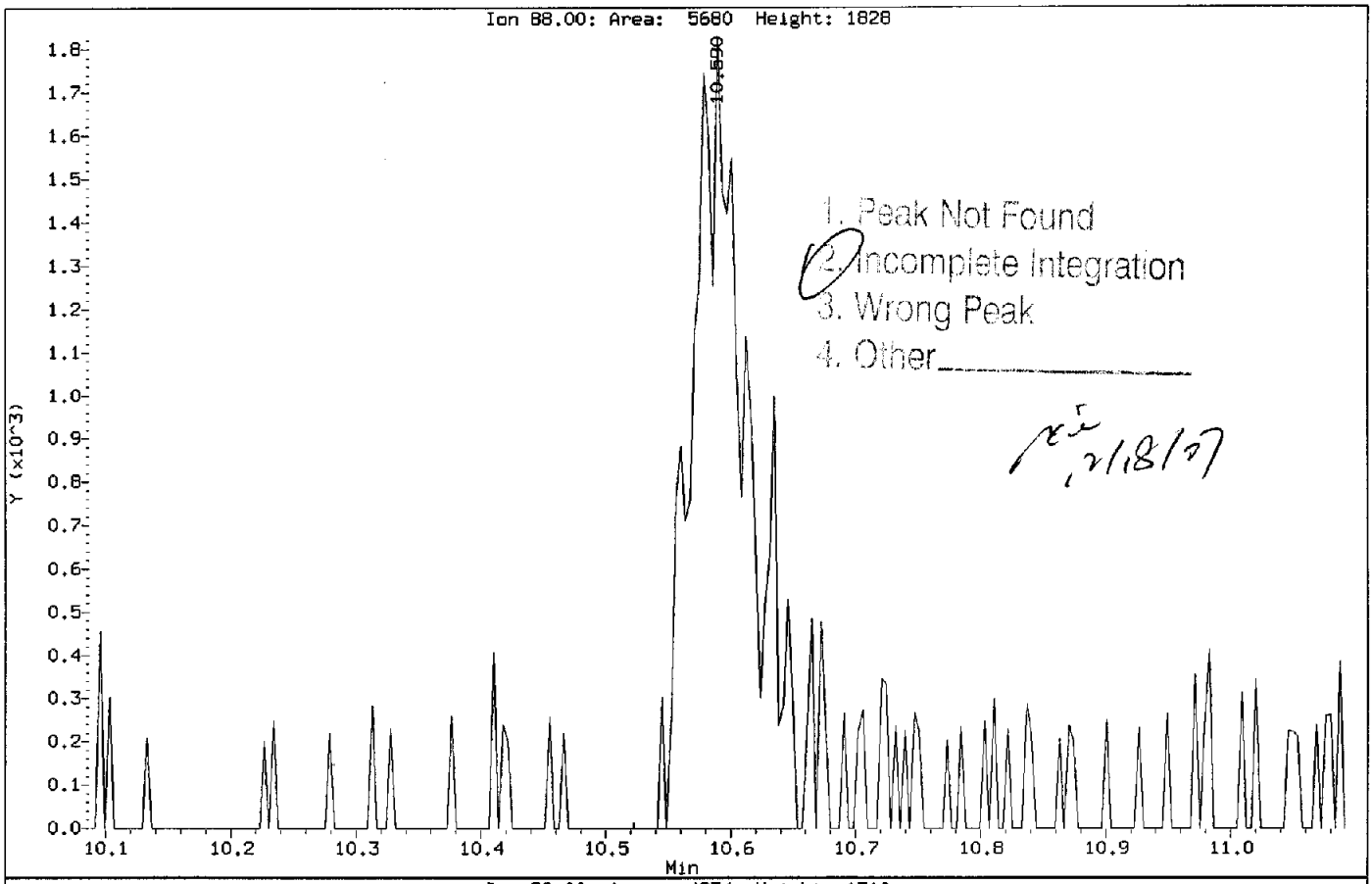
Compound: Methyl methacrylate
CAS Number: 80-62-6

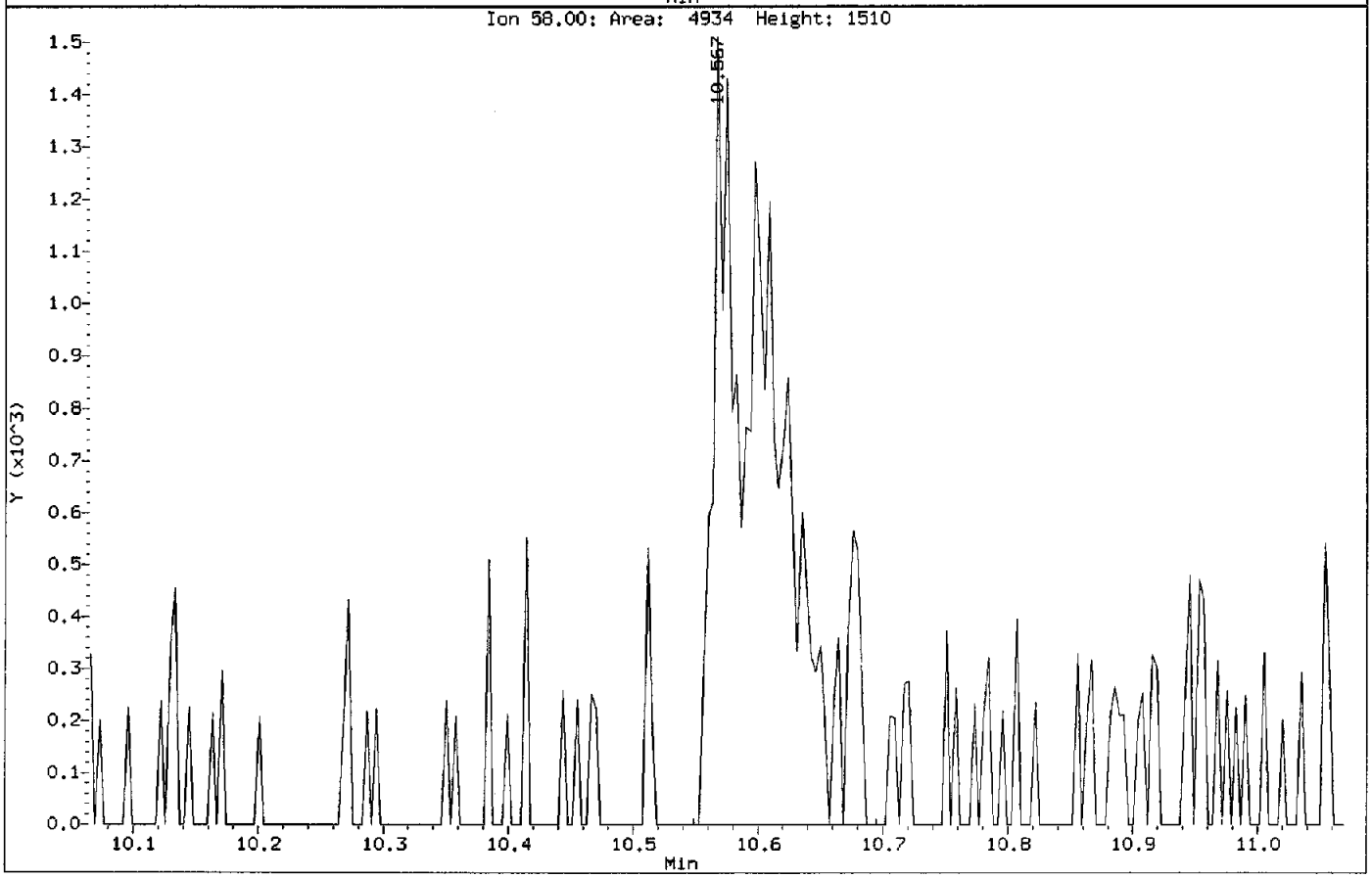




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

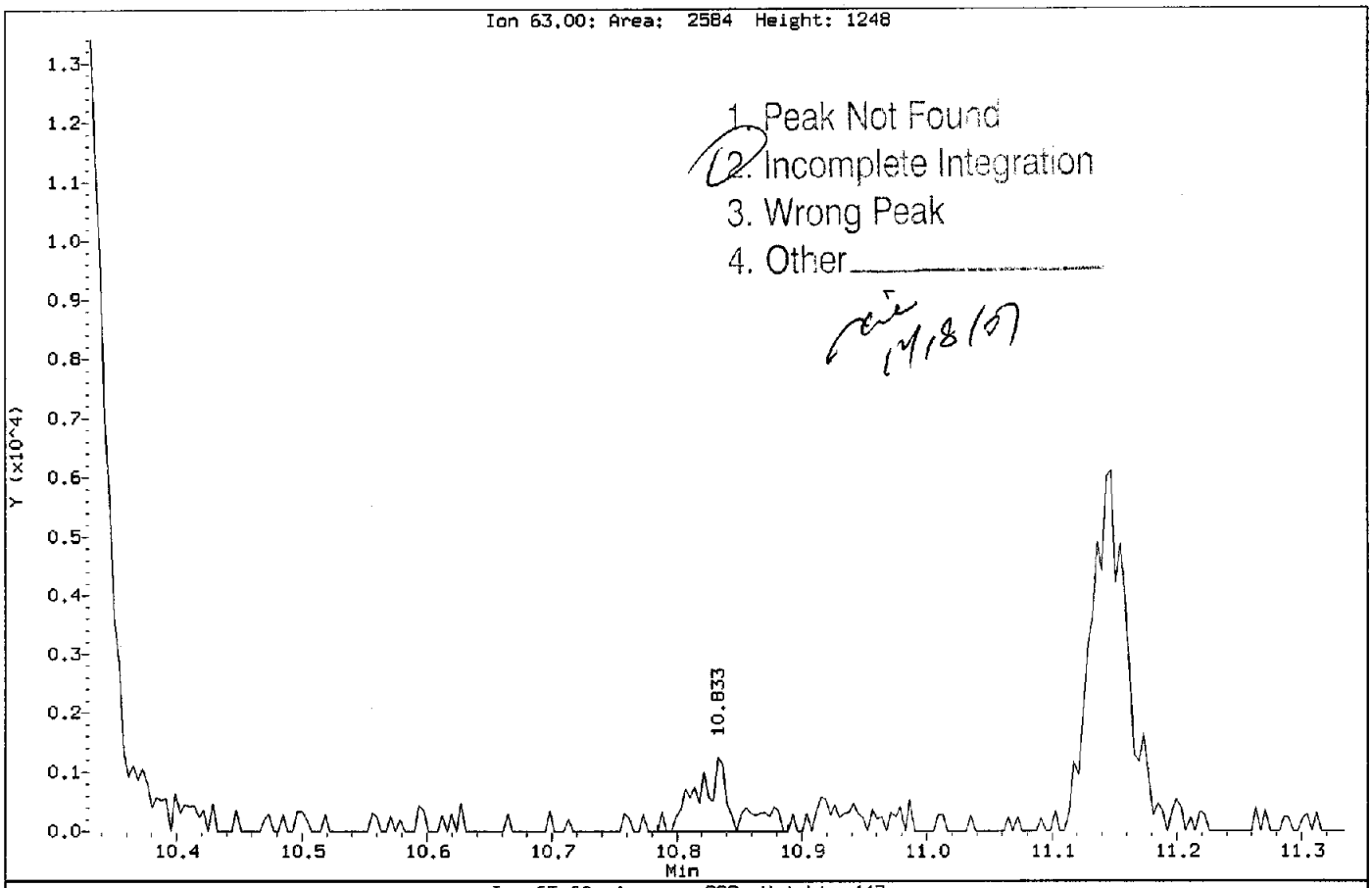
Compound: 1,4-Dioxane
CAS Number: 123-91-1

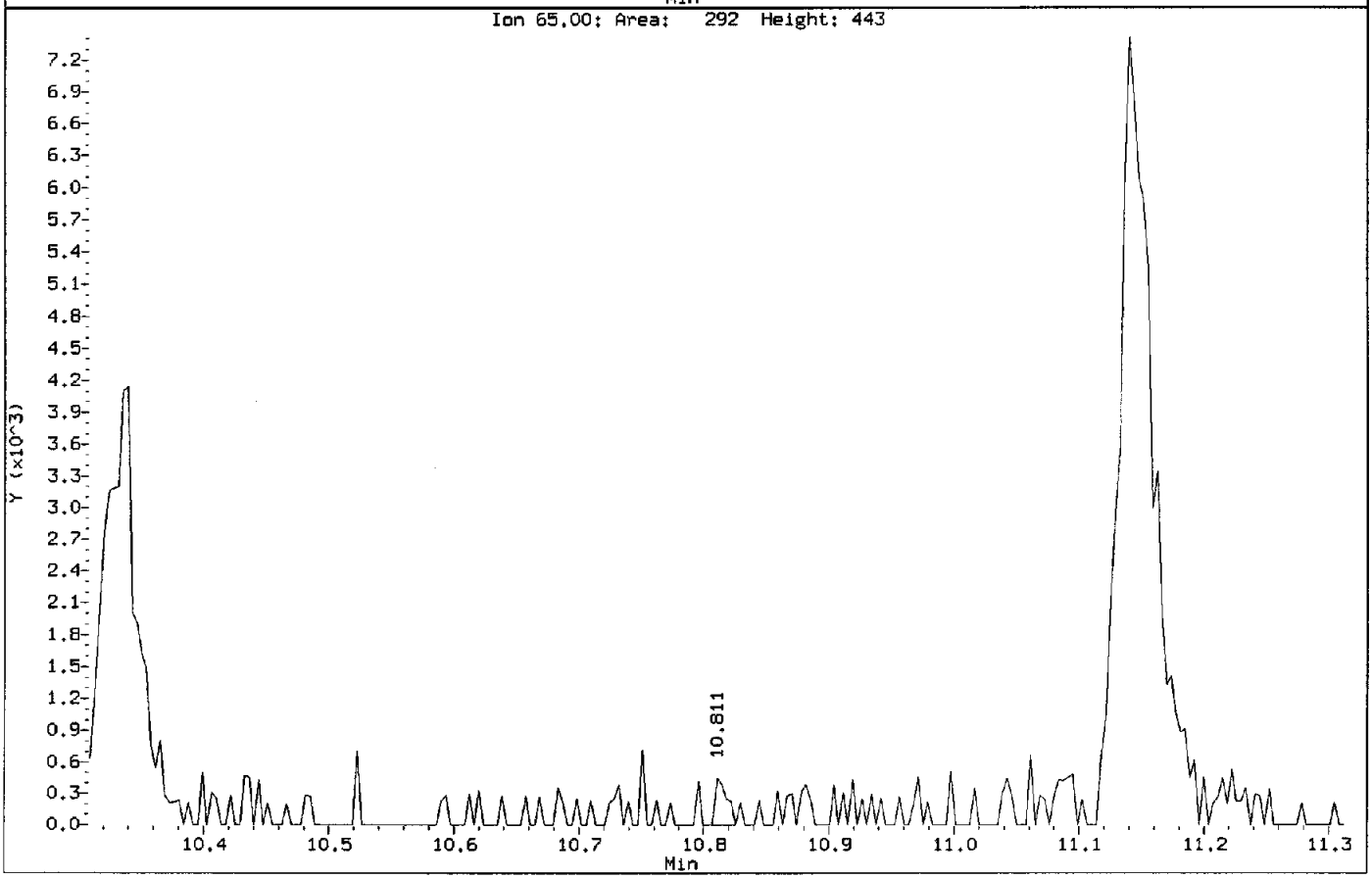




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

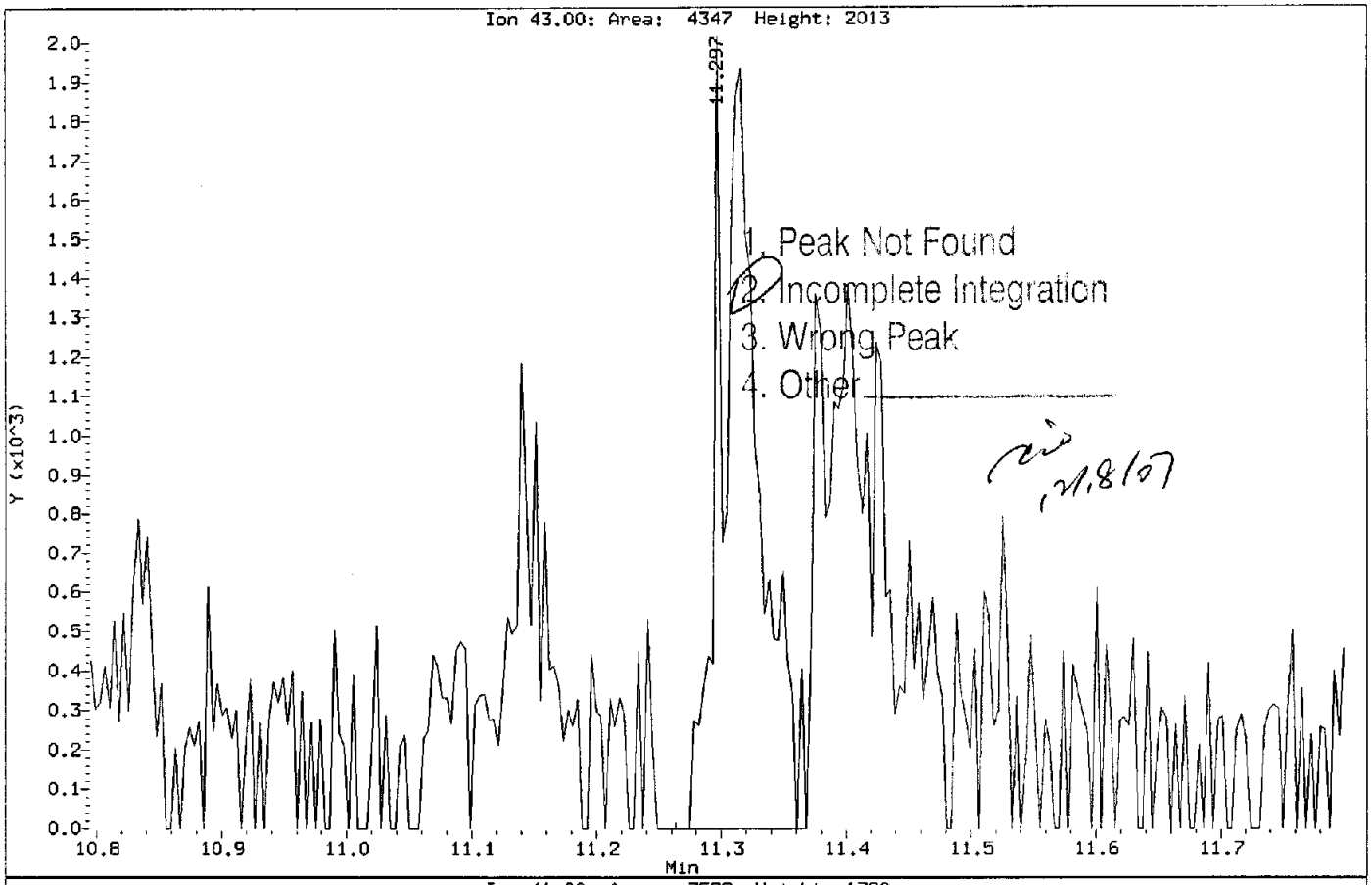
Compound: 2-chloroethyl vinyl ether
CAS Number: 110-75-8

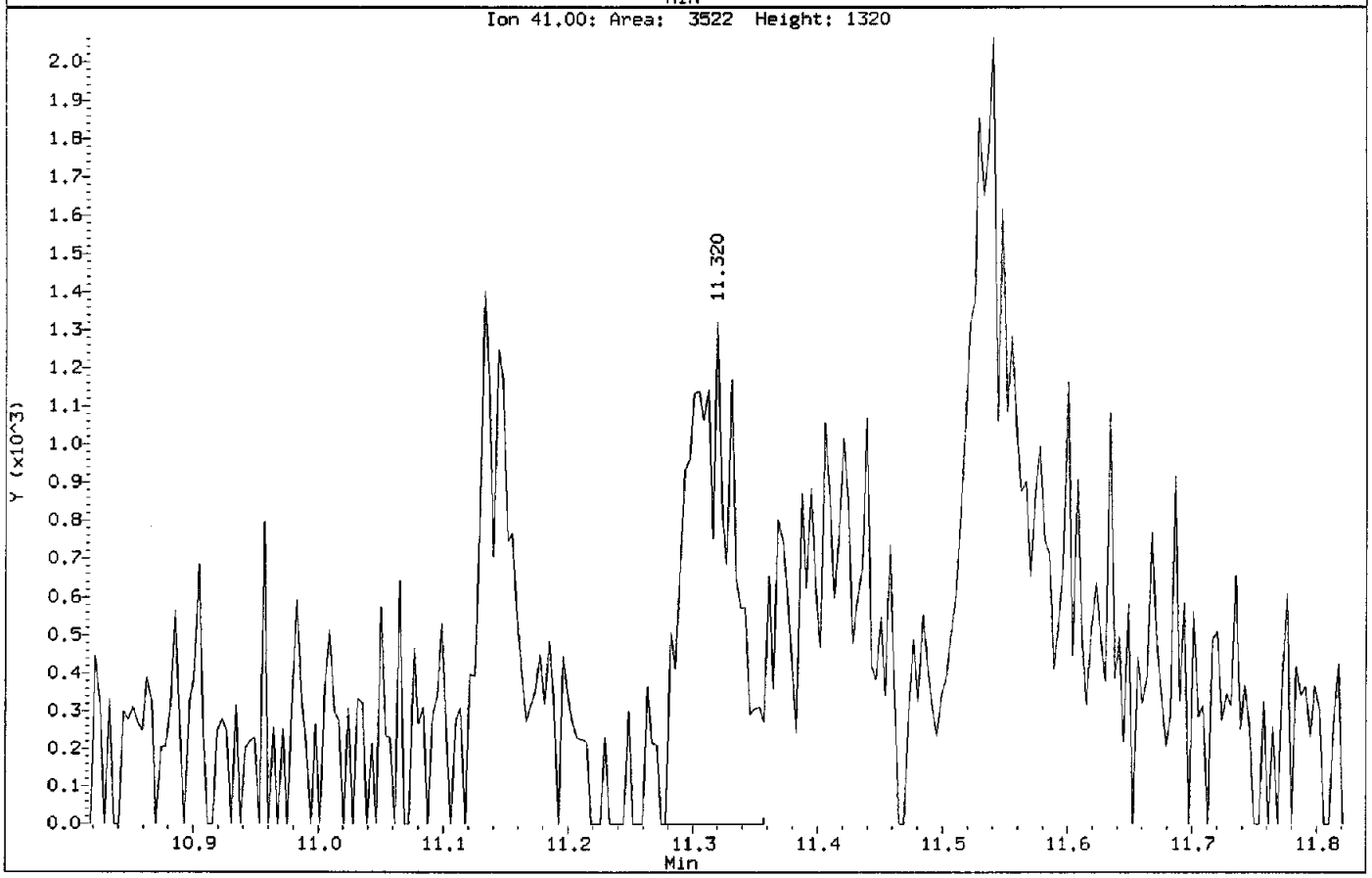




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7329.D
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 2-Nitro-Propane
CAS Number: 79-46-9





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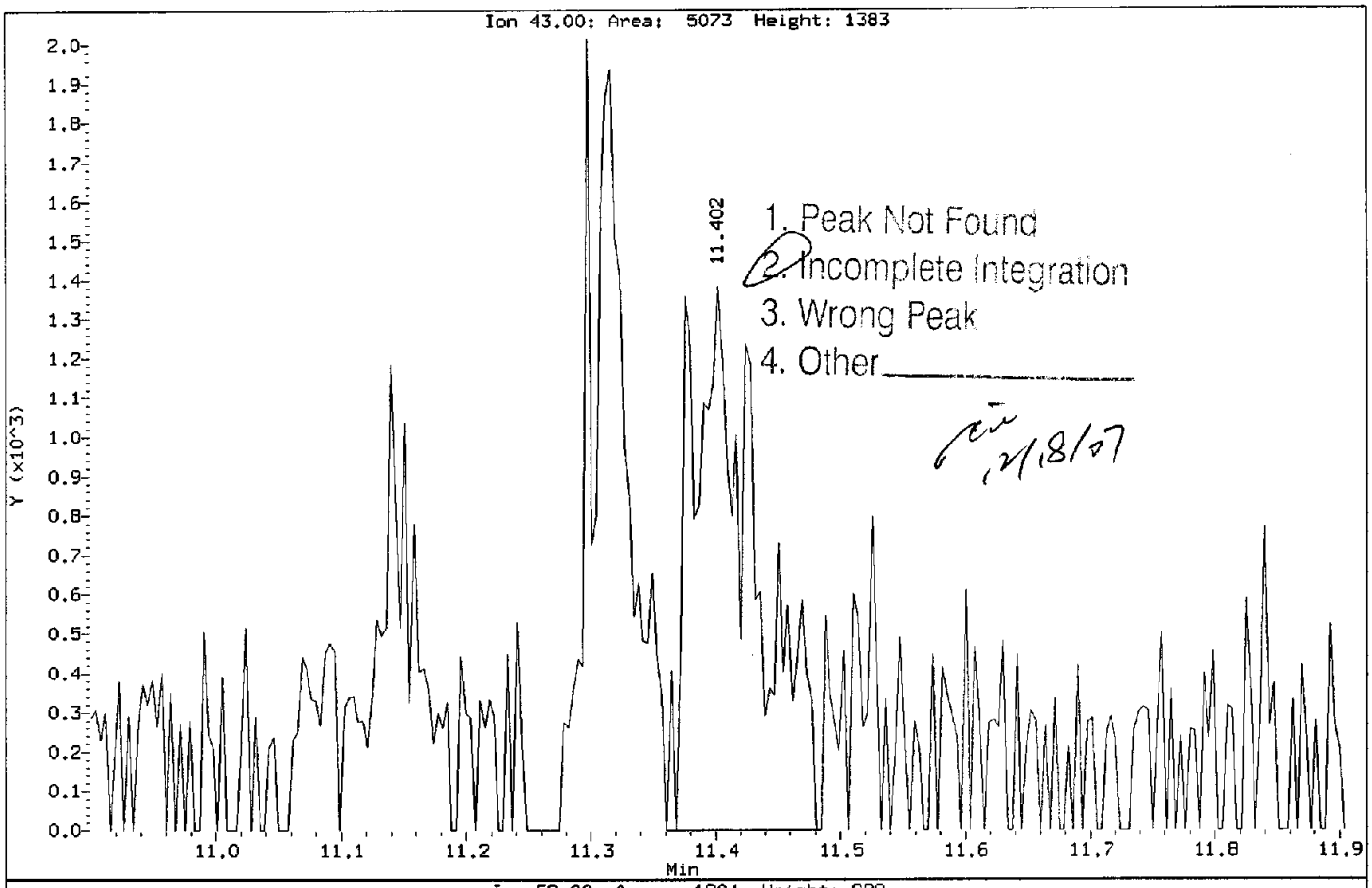
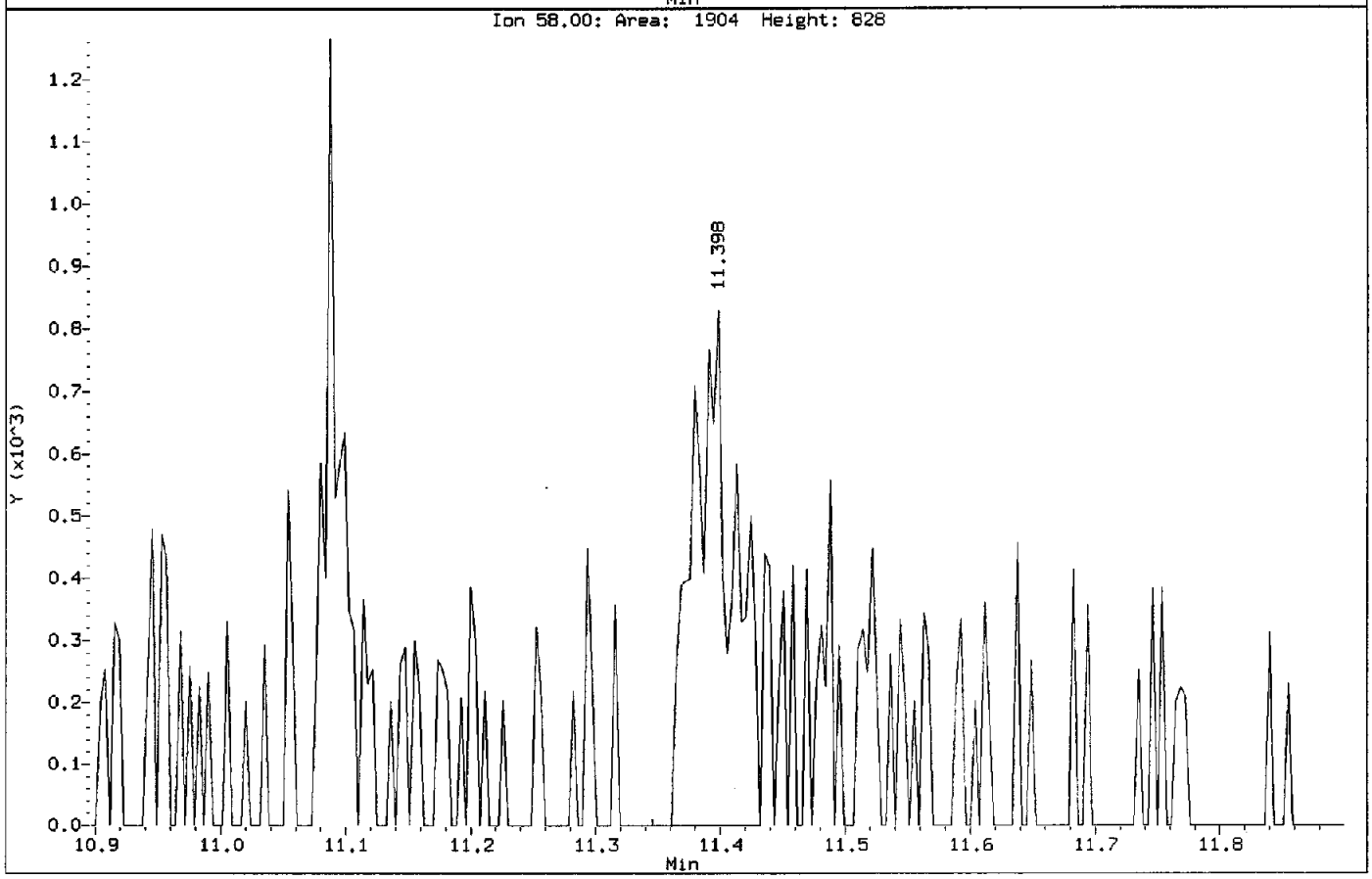
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 4-Methyl-2-pentanone
CAS Number: 108-10-1





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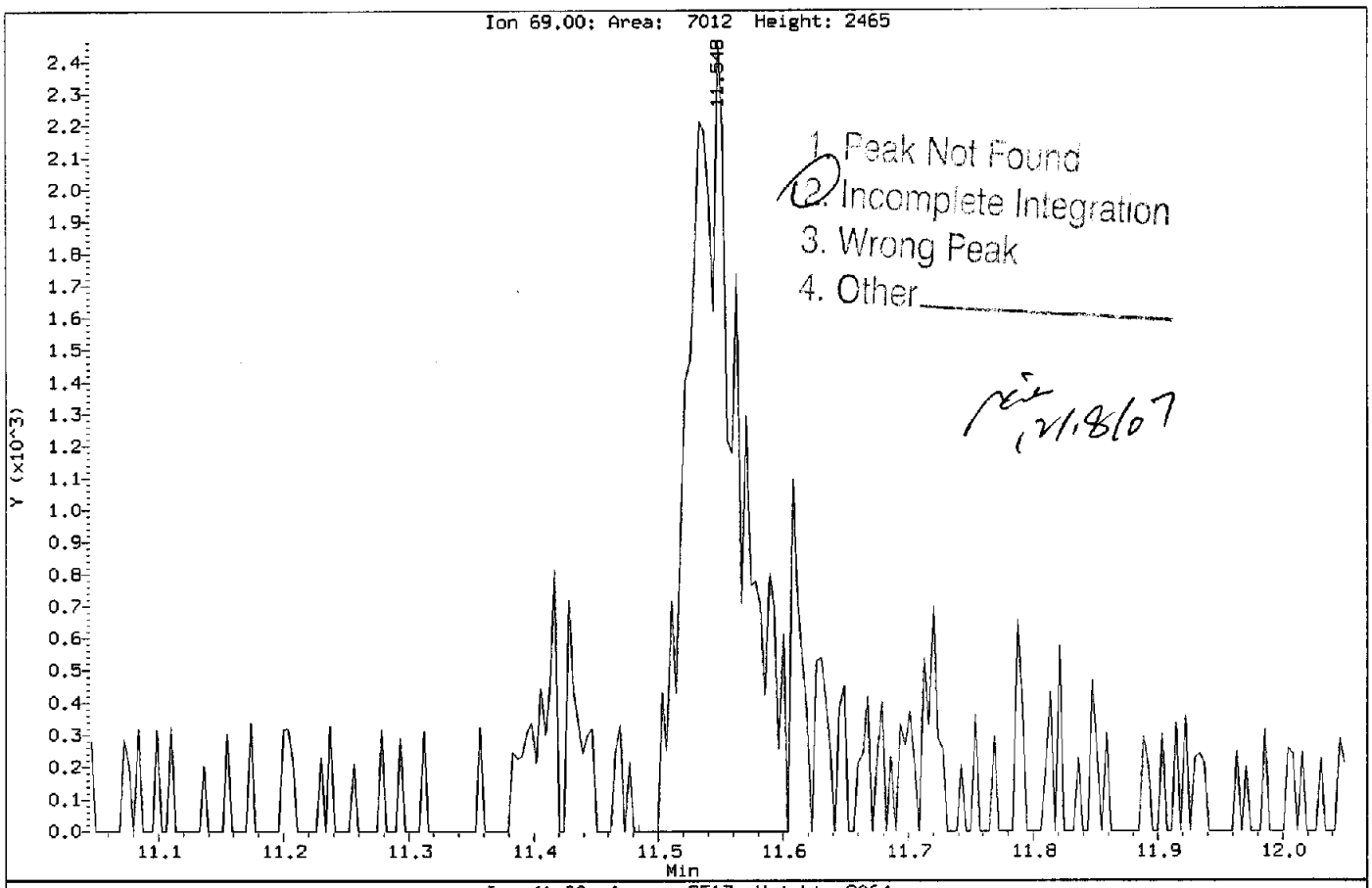
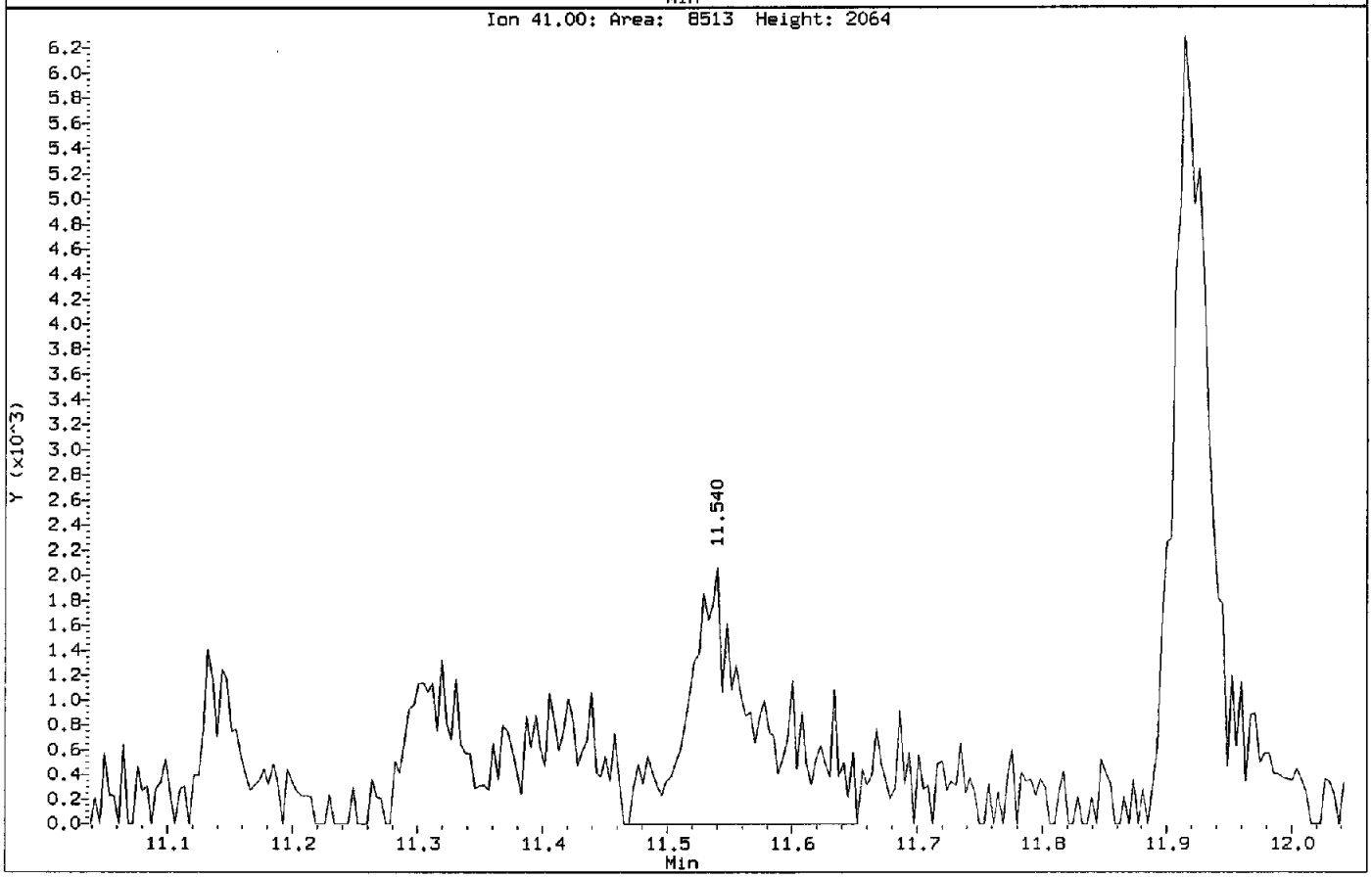
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Ethyl methacrylate
CAS Number: 97-63-2





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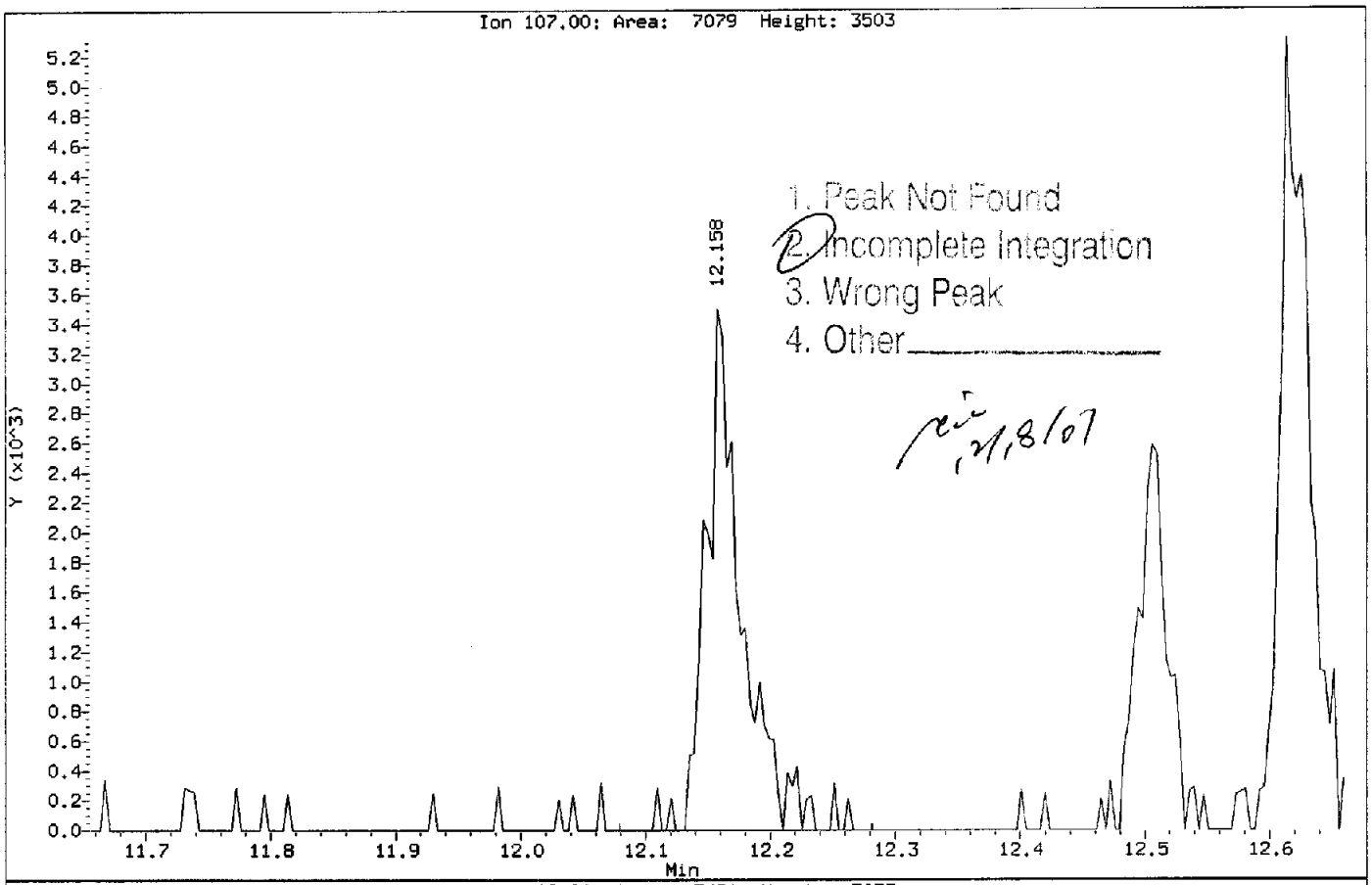
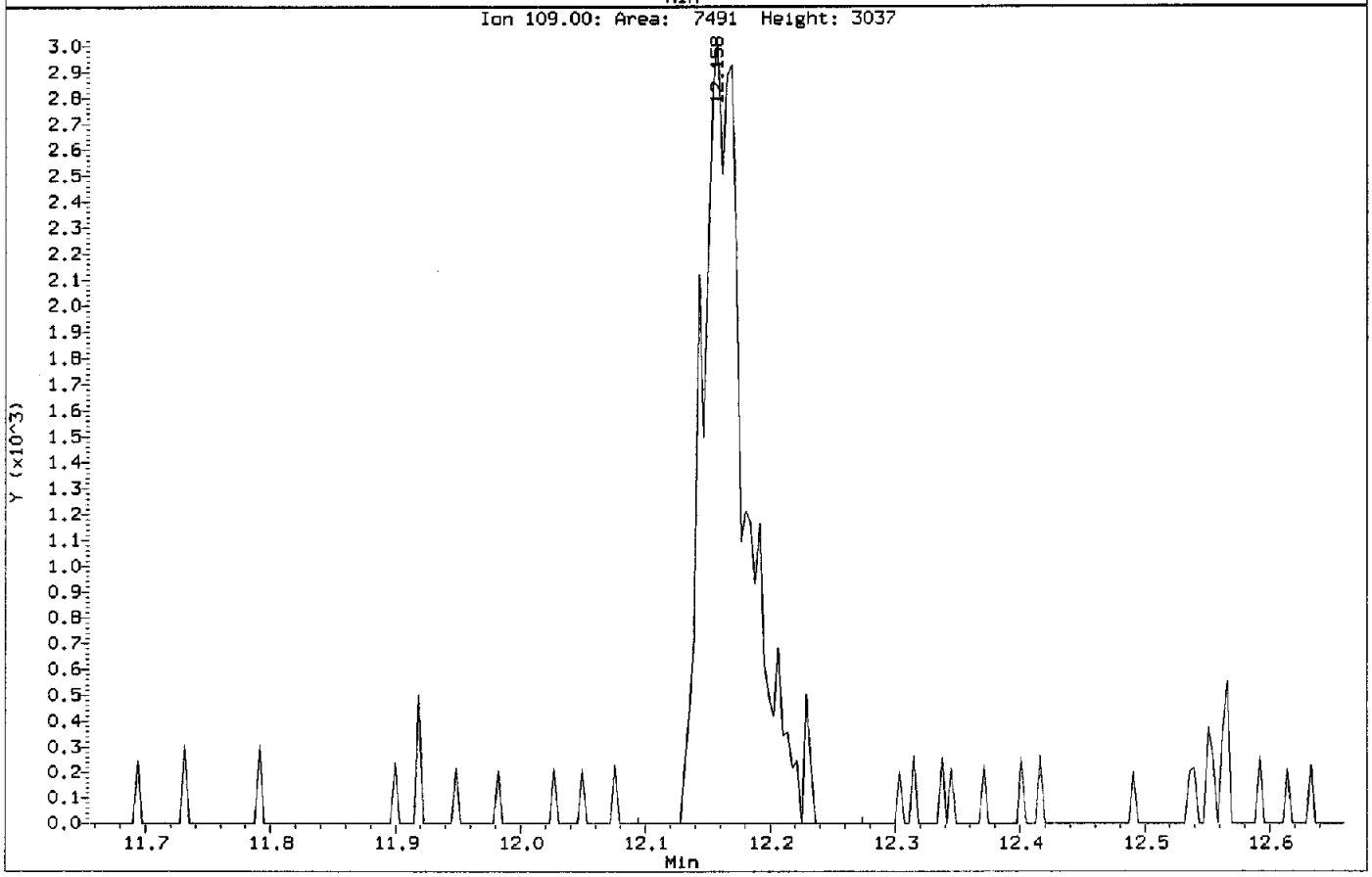
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 1,2-Dibromoethane
CAS Number: 106-93-4





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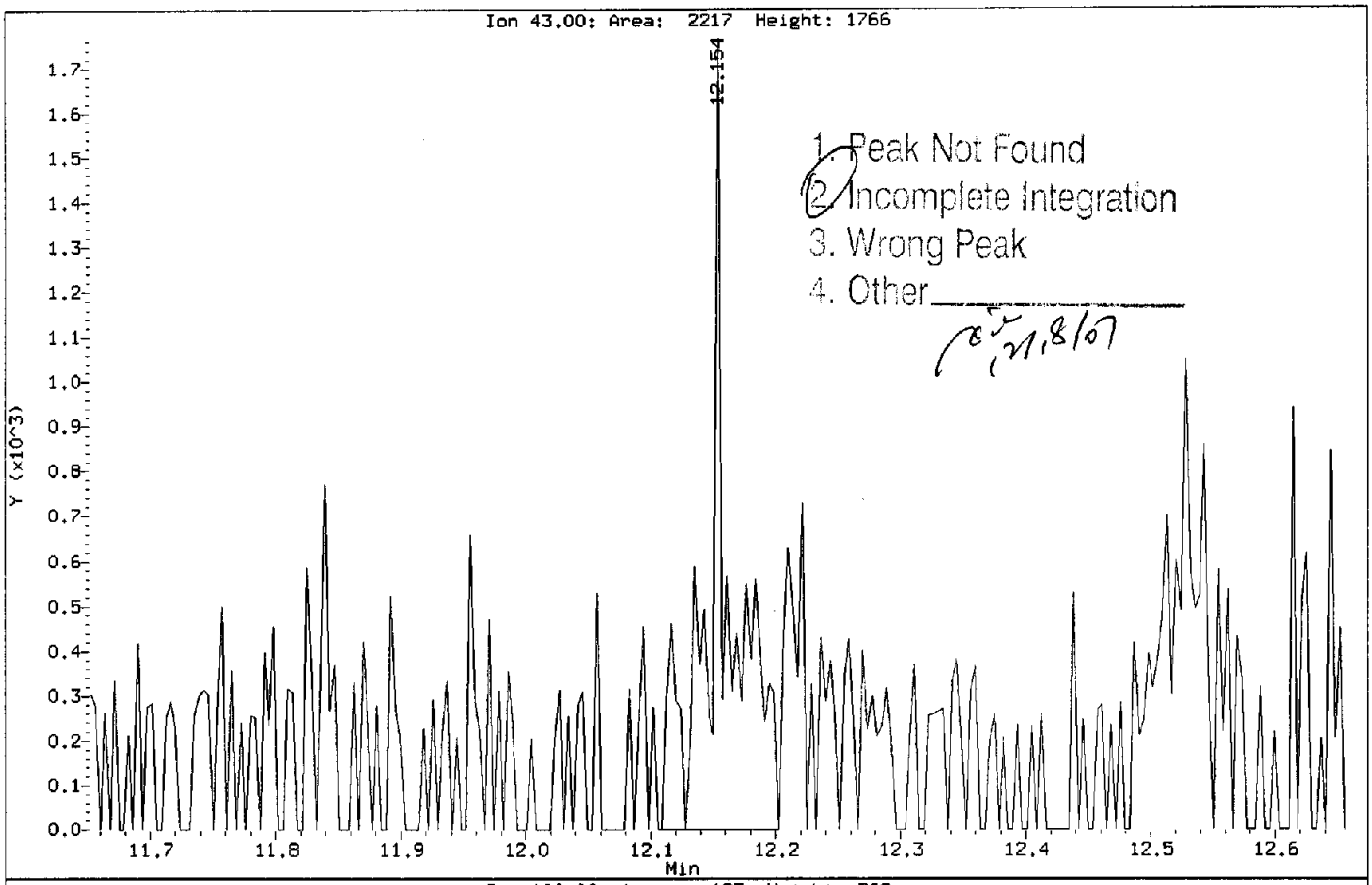
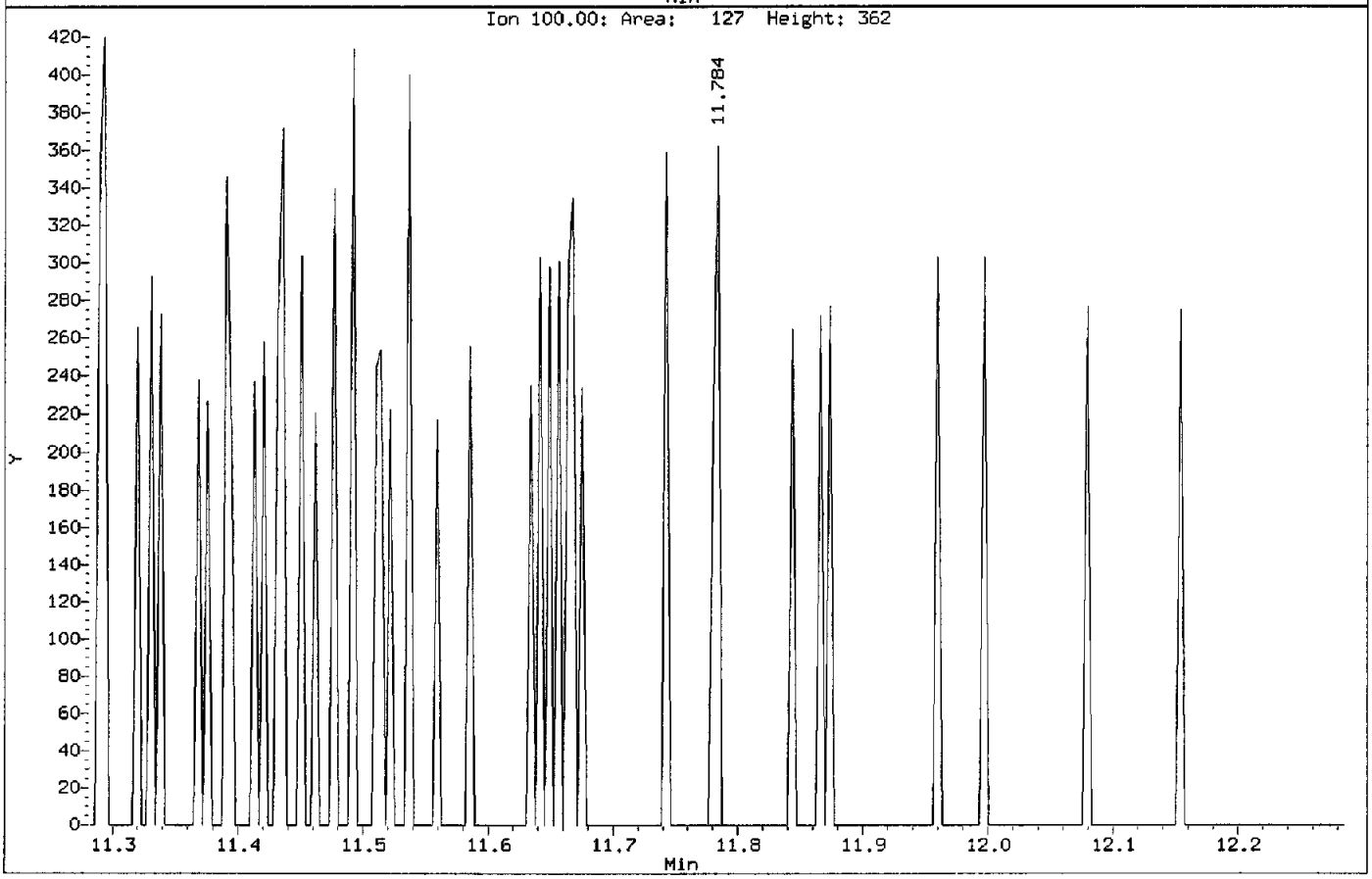
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 2-Hexanone
CAS Number: 591-78-6





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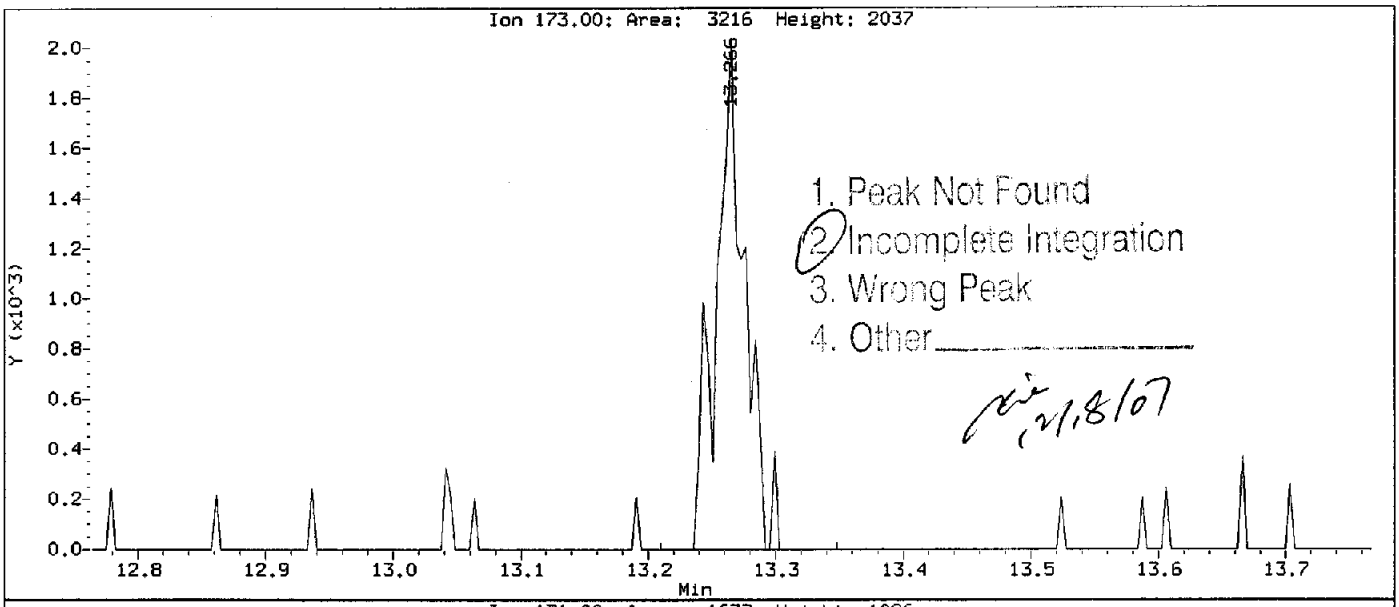
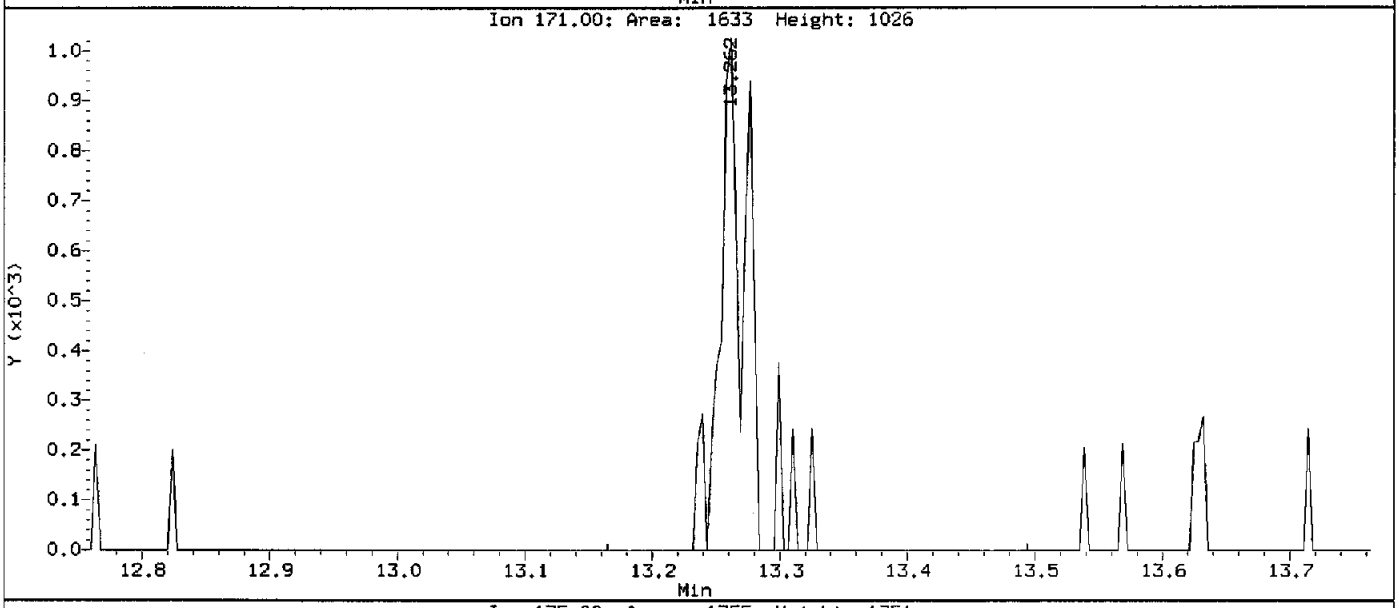
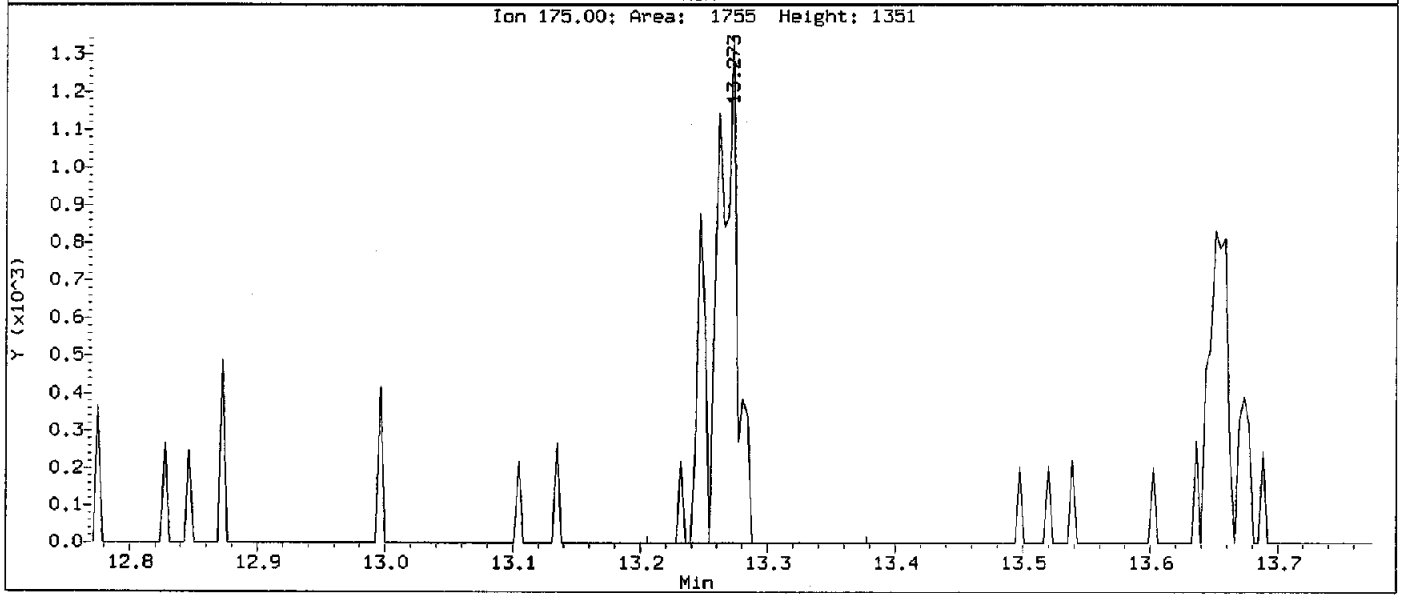
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Bromoform
CAS Number: 75-25-2







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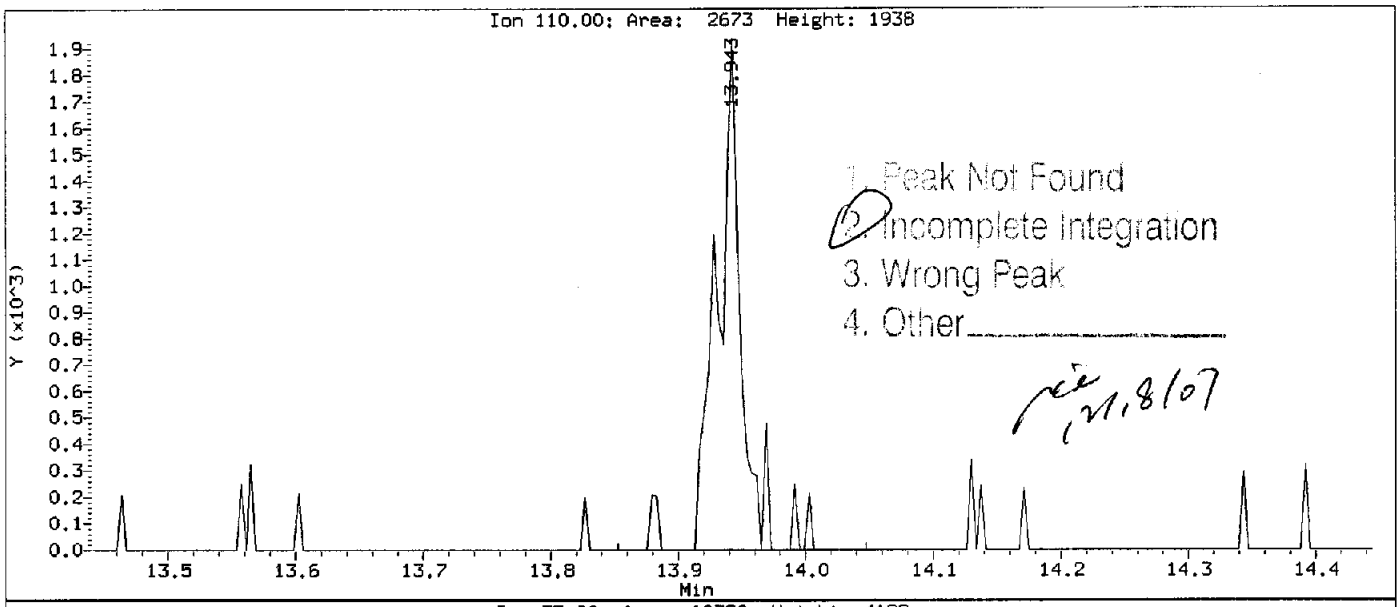
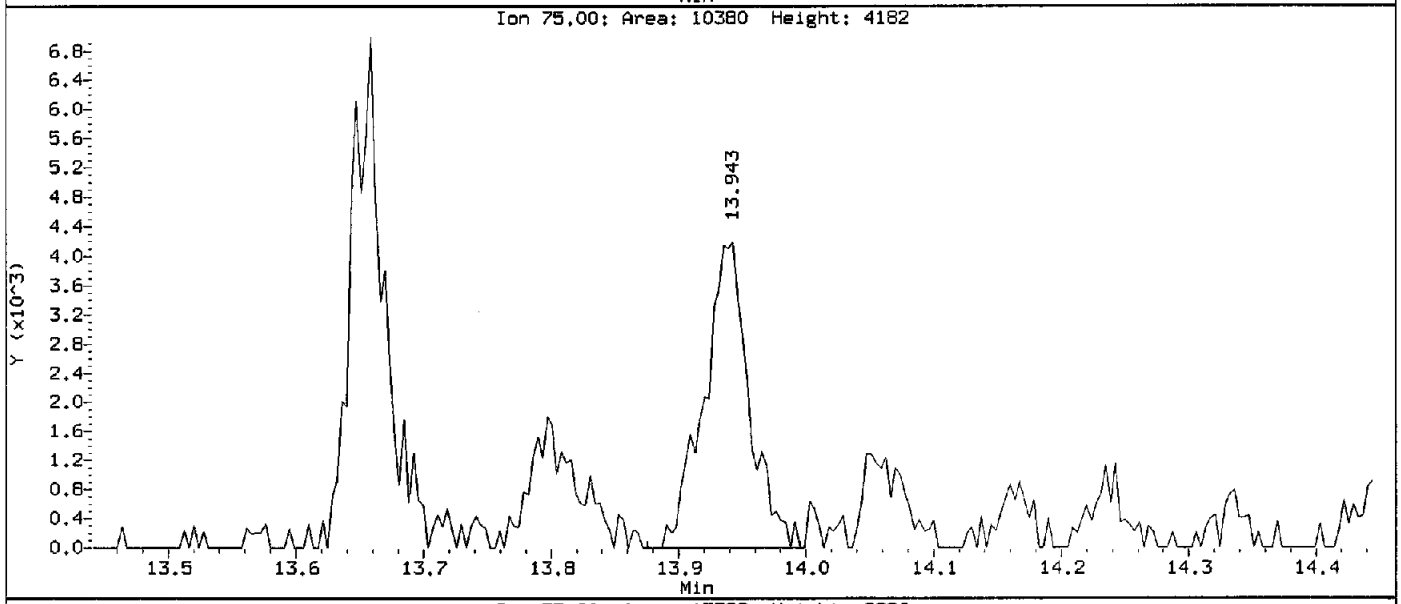
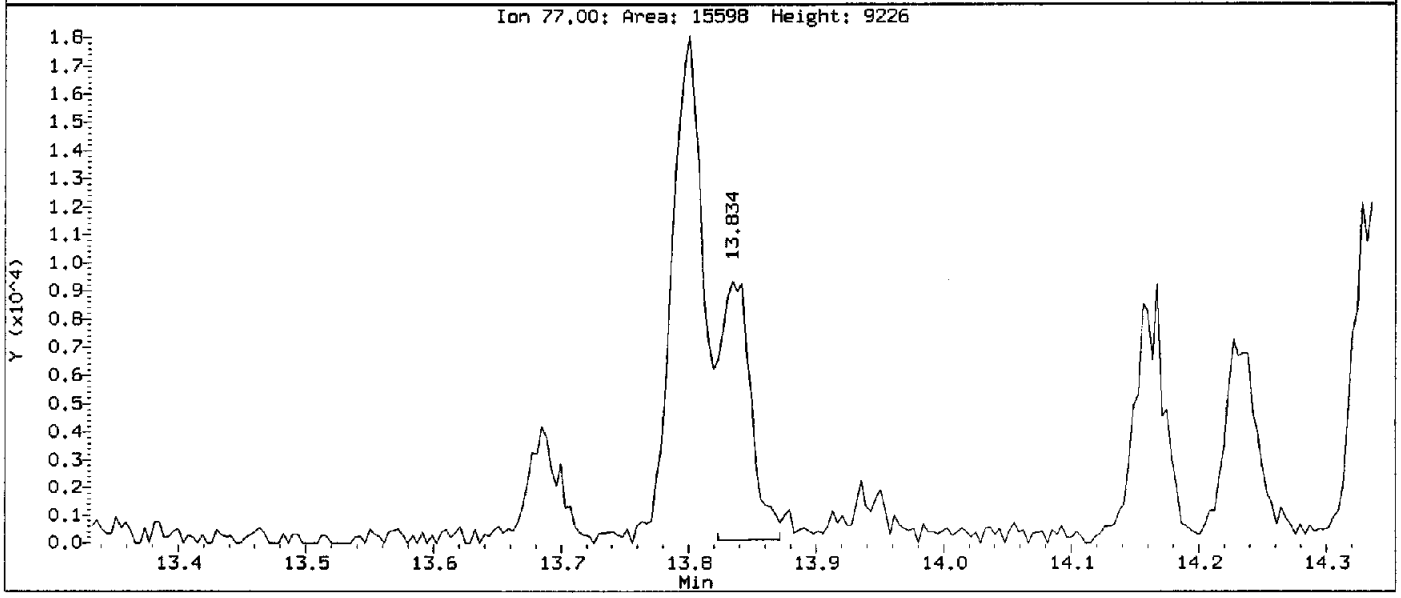
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 1,2,3-Trichloropropane
CAS Number: 96-18-4







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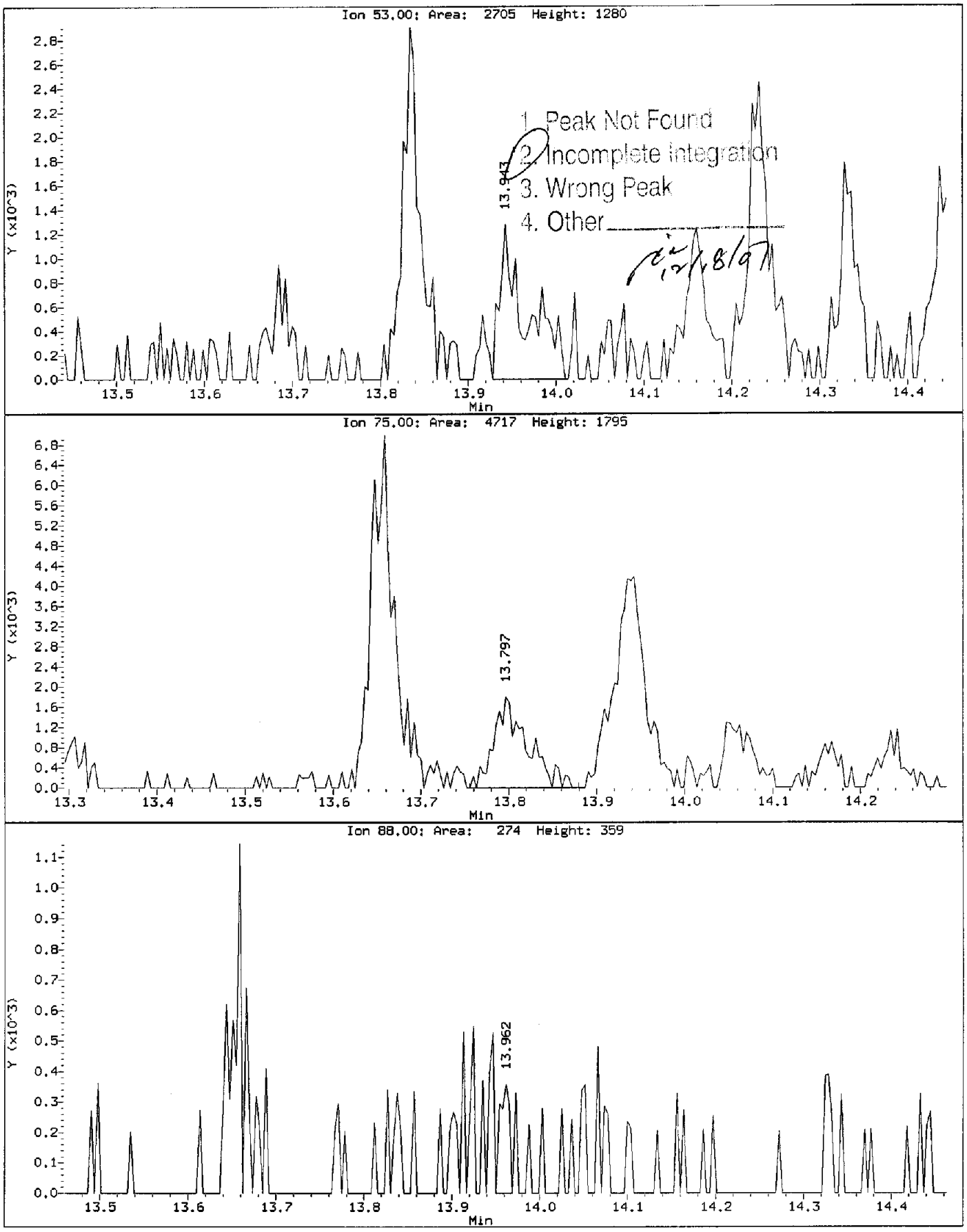
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: trans-1,4-dichloro-2-butene
CAS Number: 110-57-6



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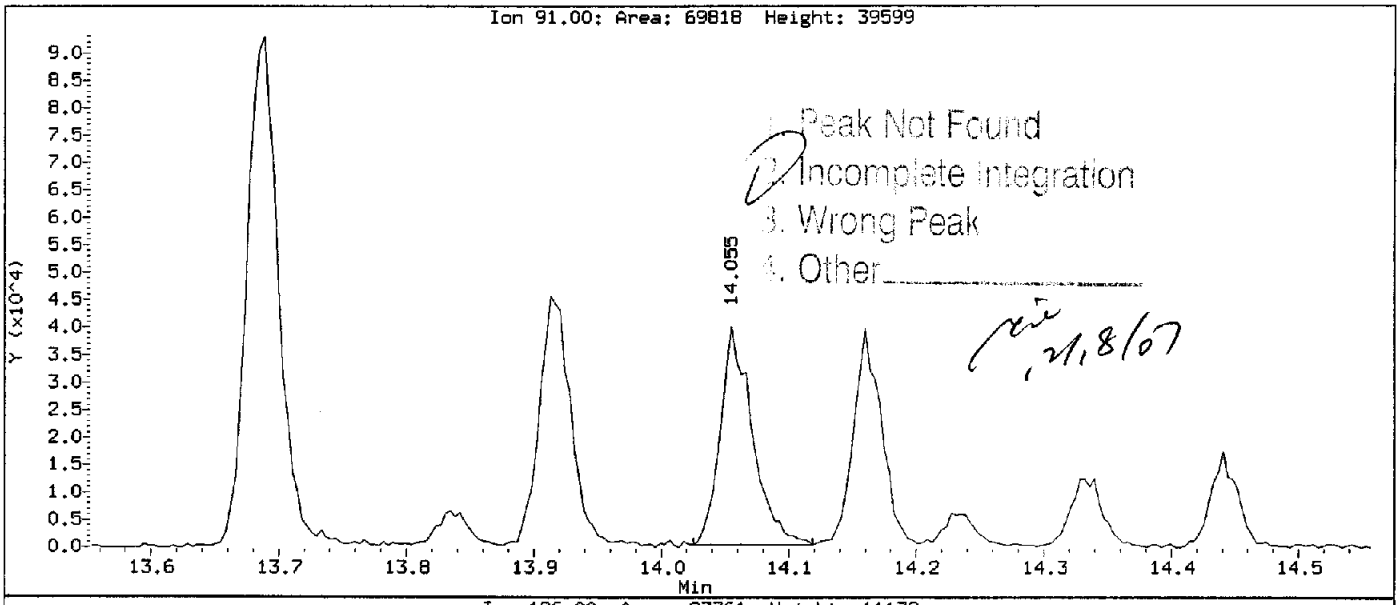
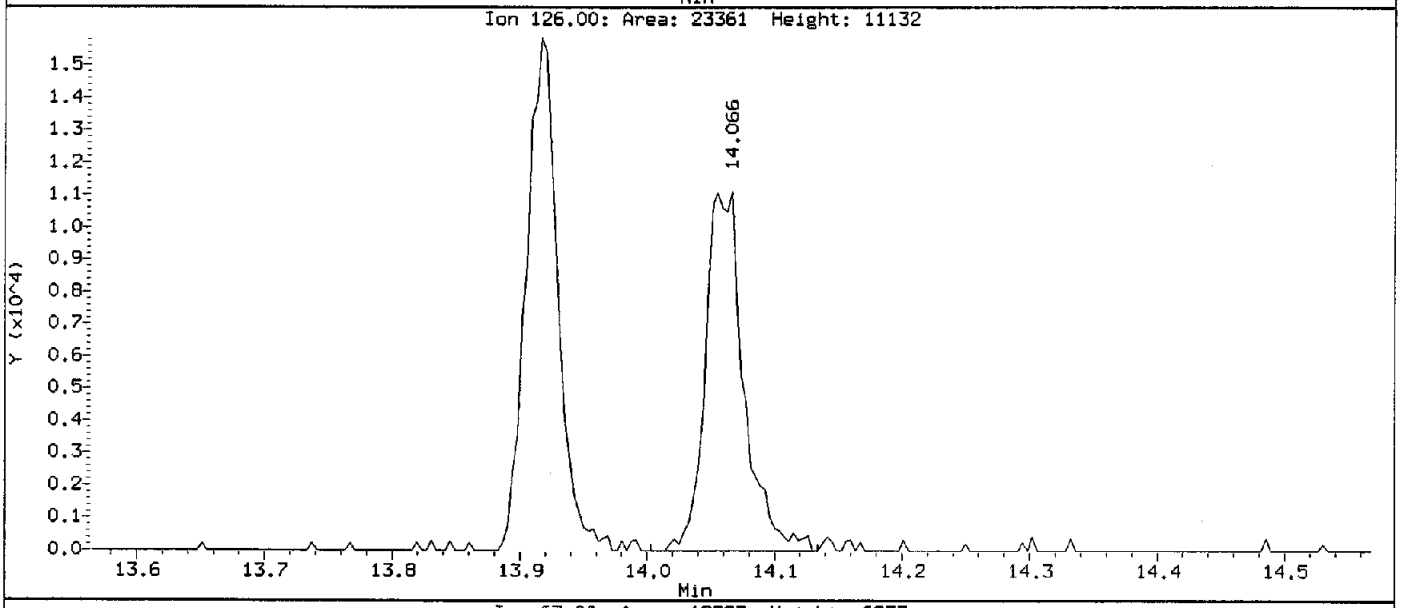
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

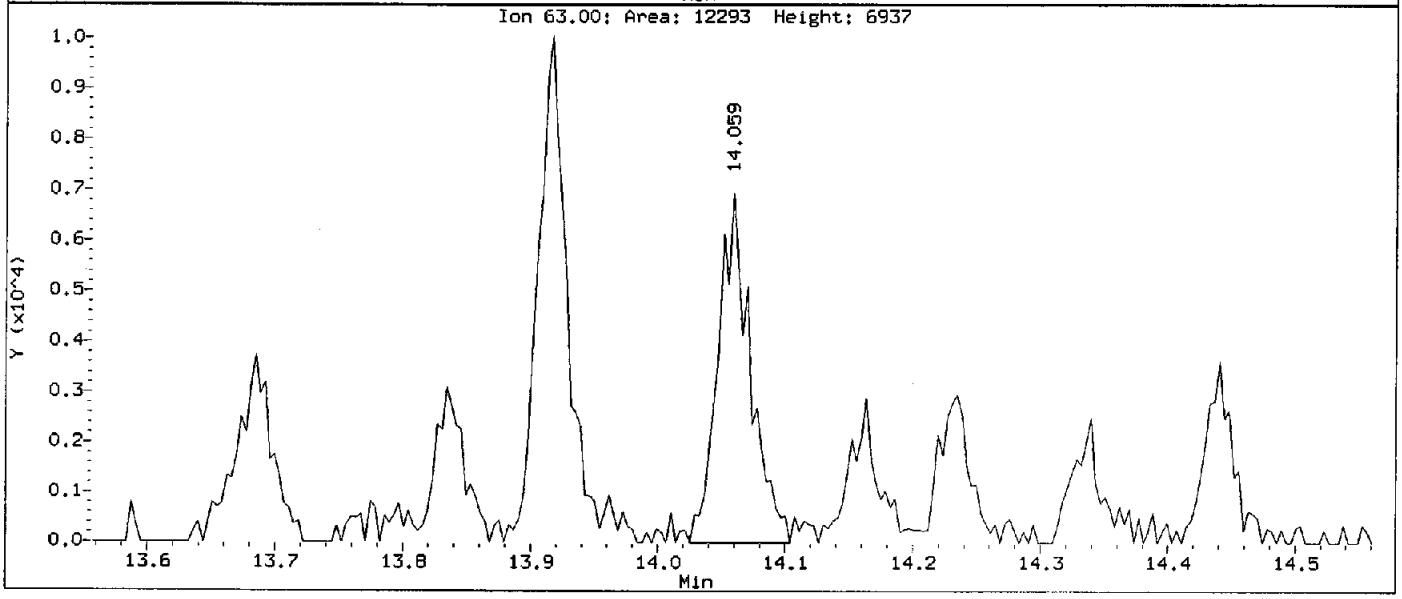
Compound: 4-Chlorotoluene
CAS Number: 106-43-4



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other_____

12/11/8/07





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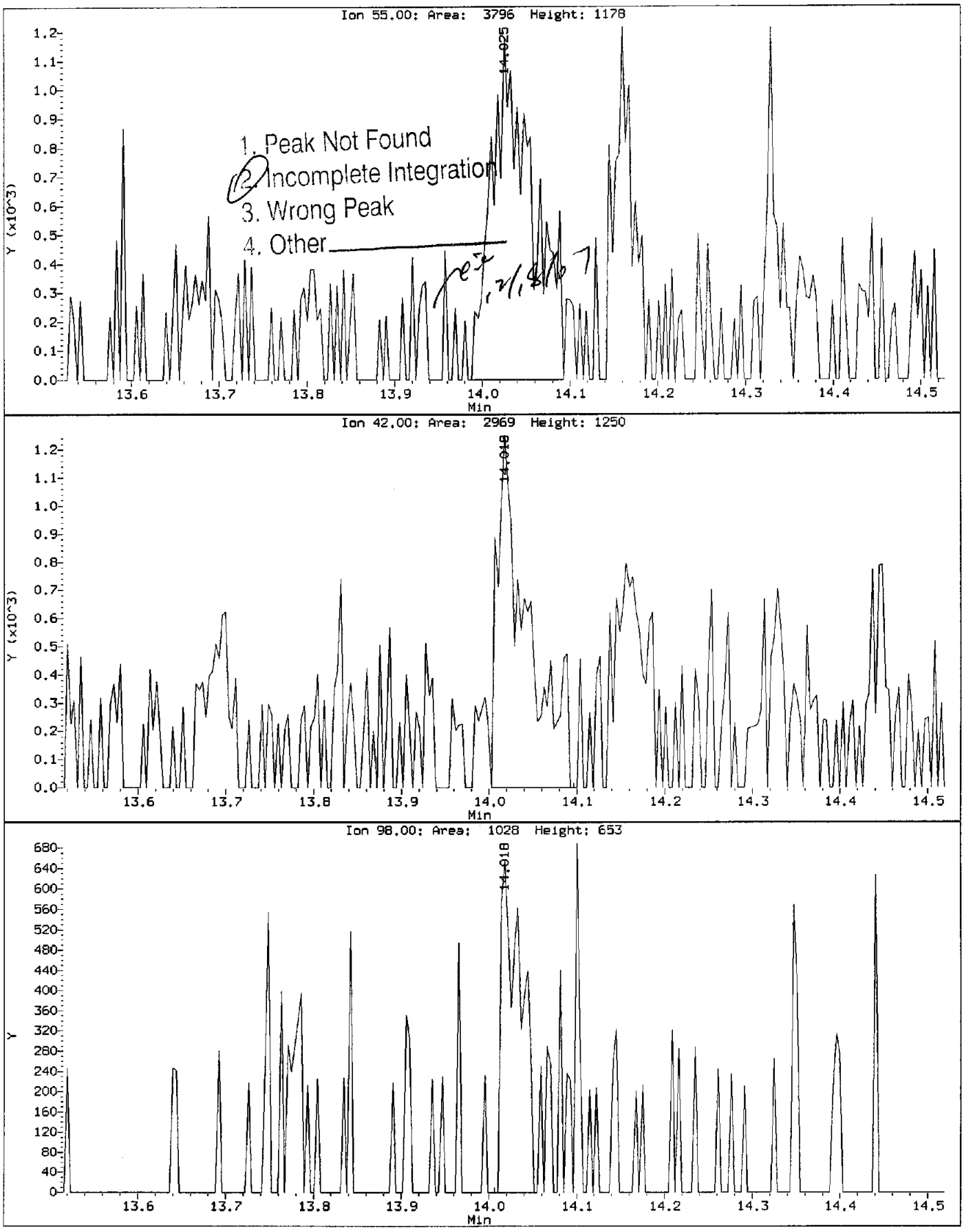
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Cyclohexanone
CAS Number: 108-94-1



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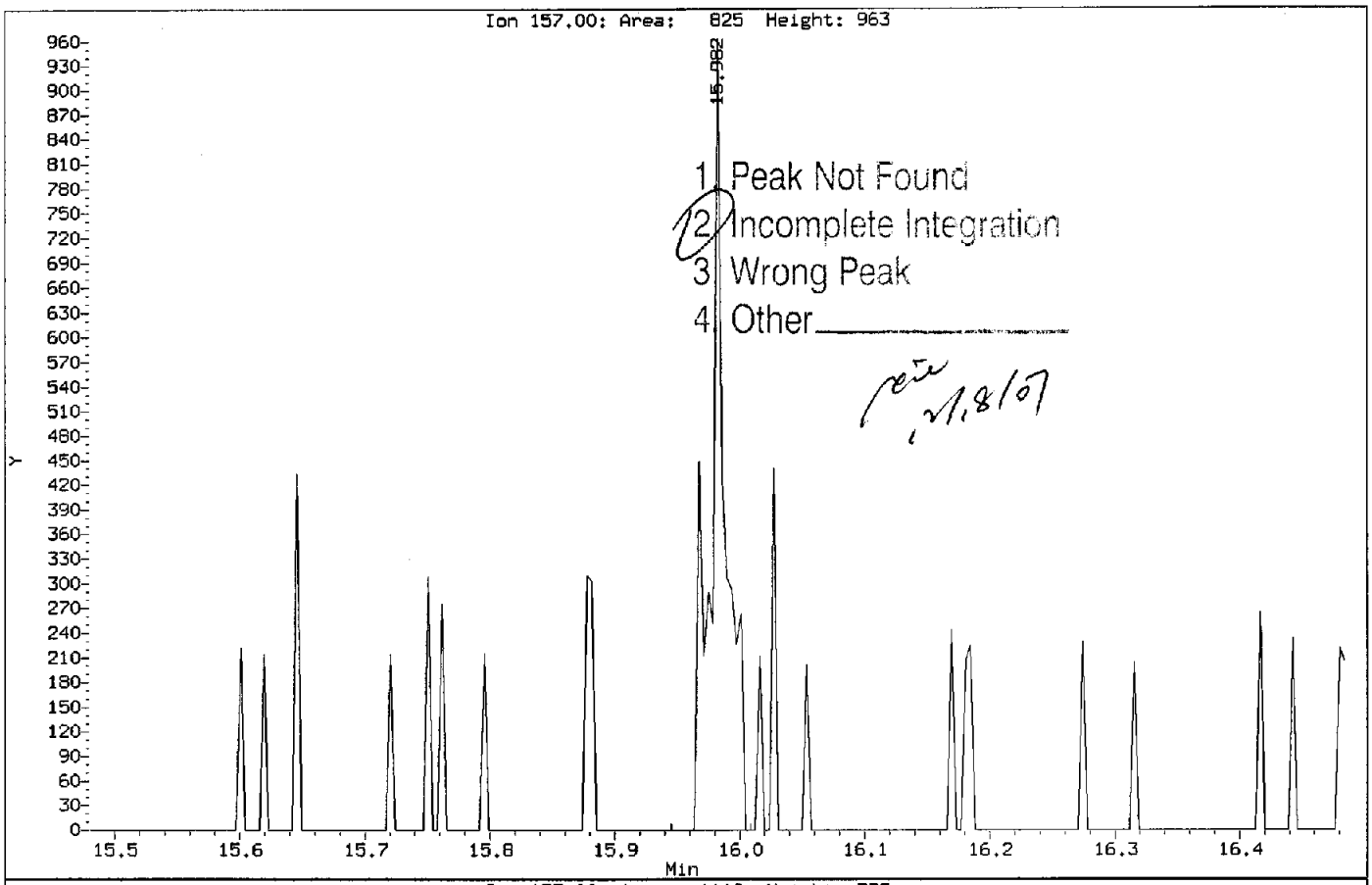
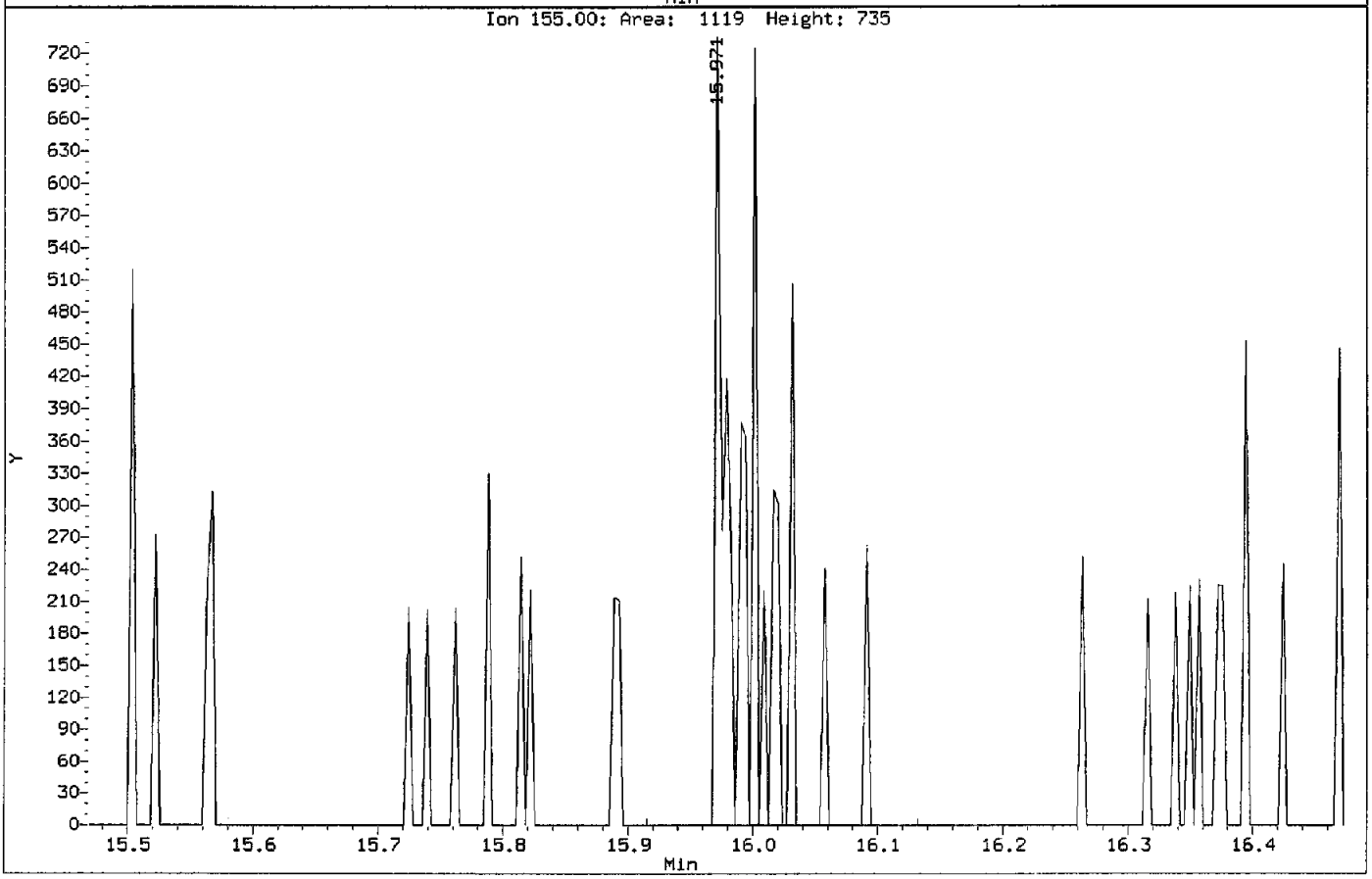
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 1,2-Dibromo-3-chloropropane
CAS Number: 96-12-8





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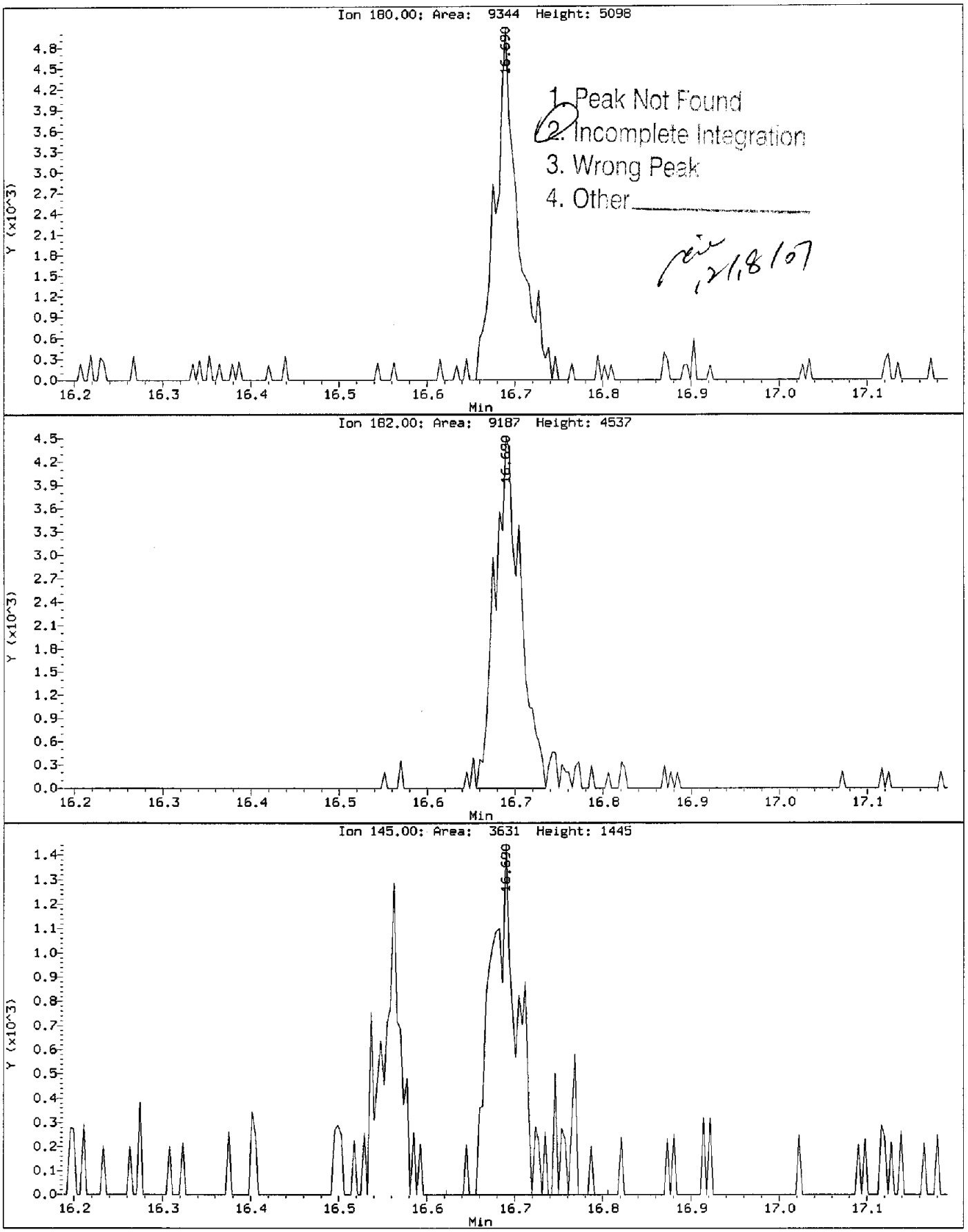
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 1,2,4-Trichlorobenzene
CAS Number: 120-82-1



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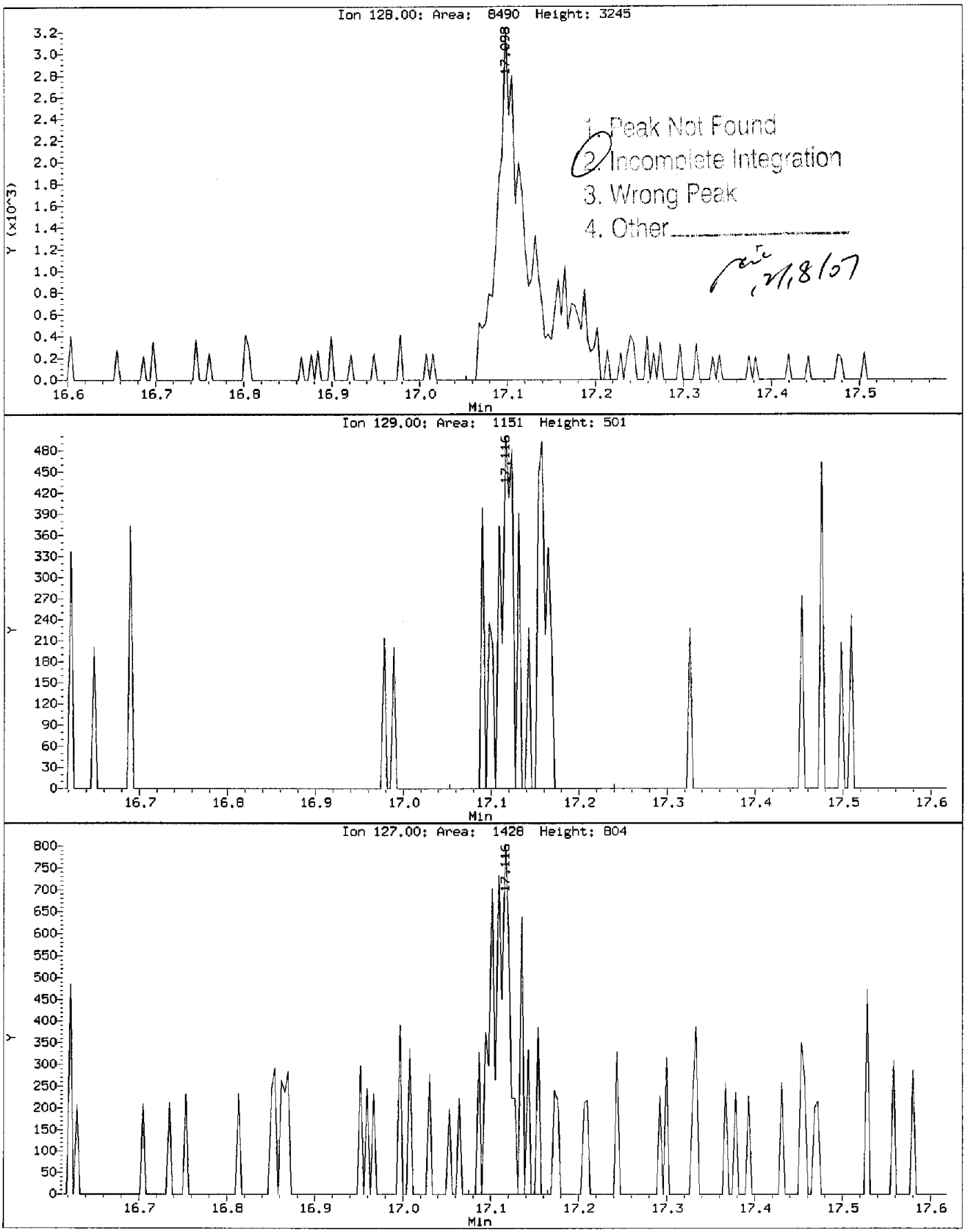
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Naphthalene
CAS Number: 91-20-3



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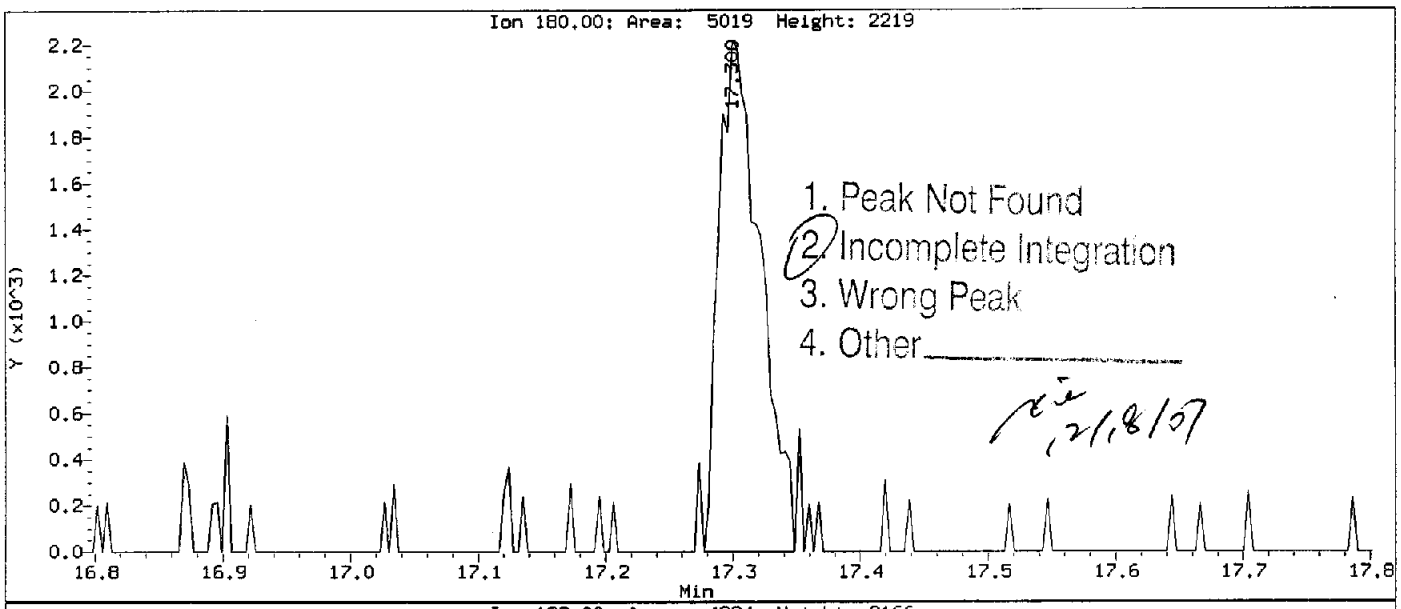
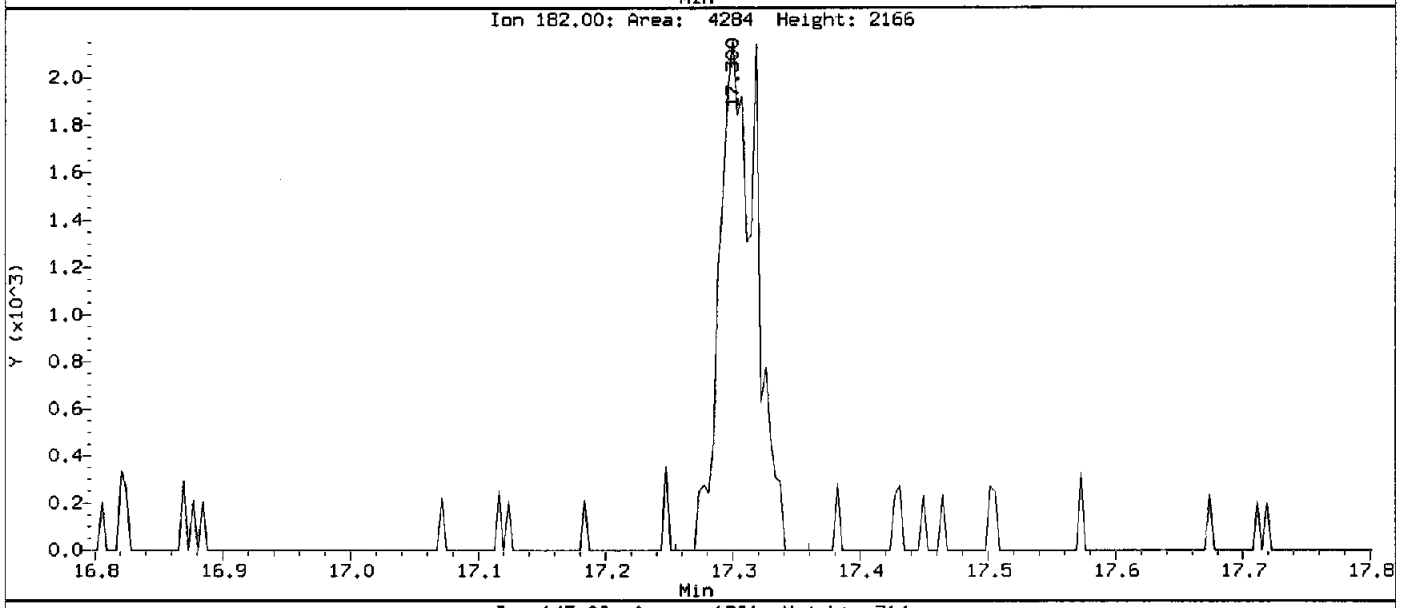
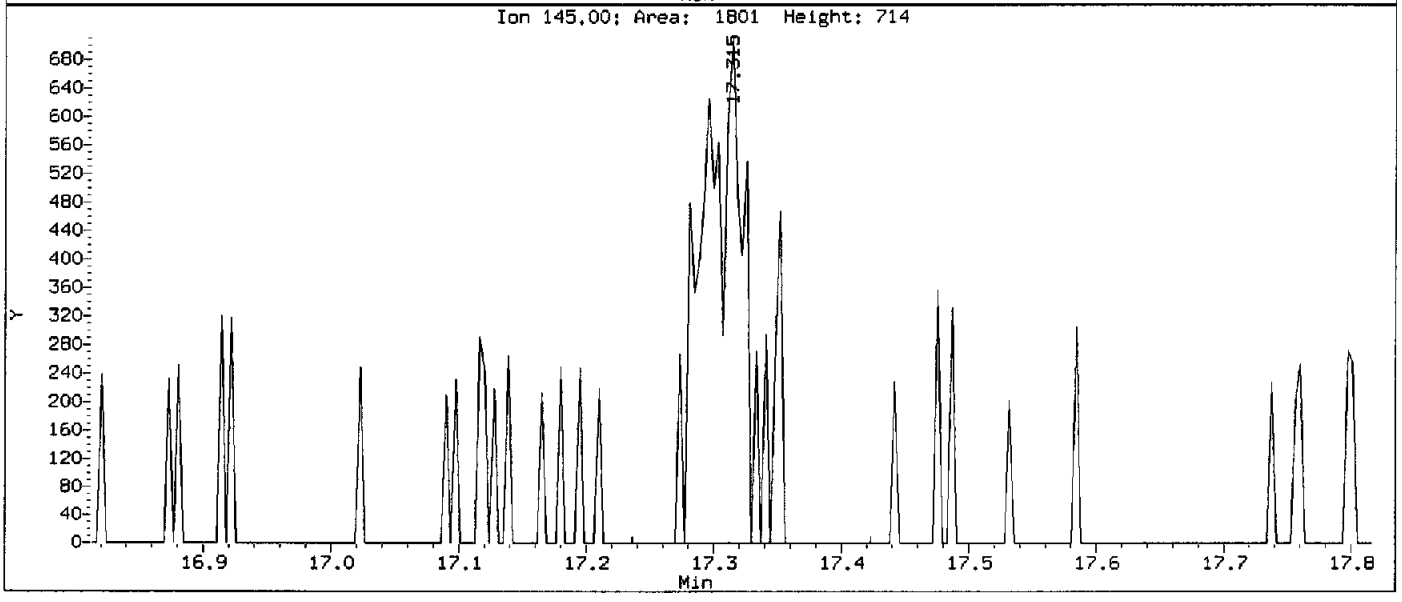
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: 1,2,3-Trichlorobenzene
CAS Number: 87-61-6







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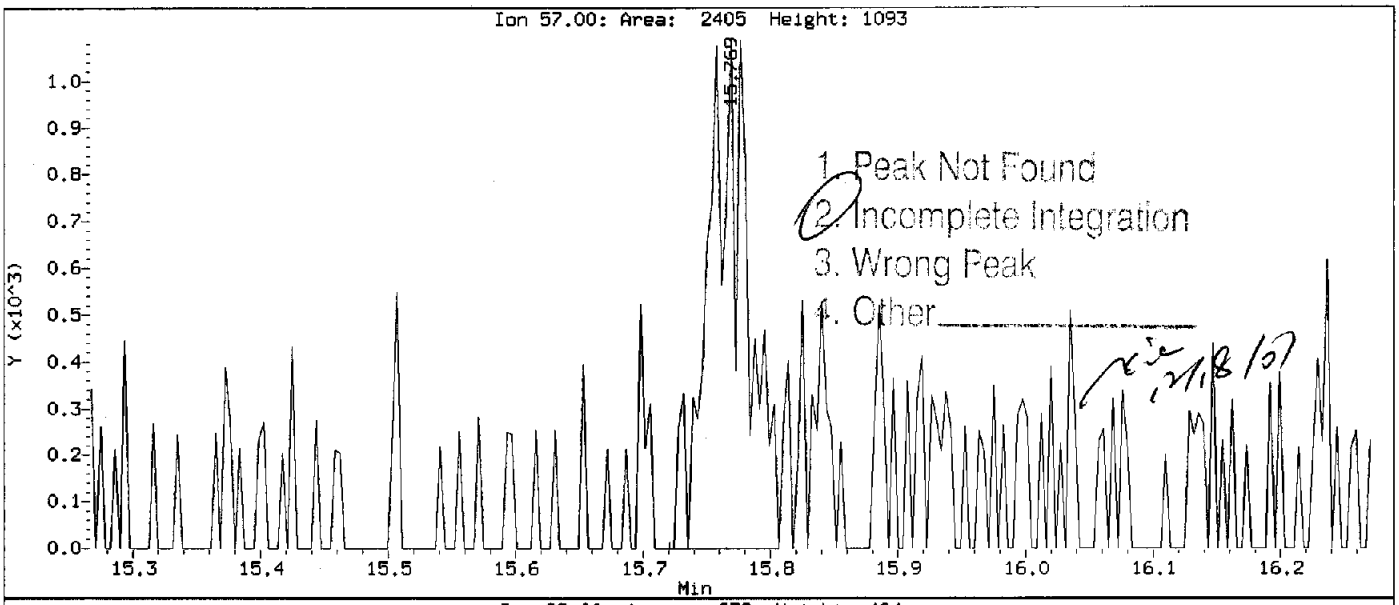
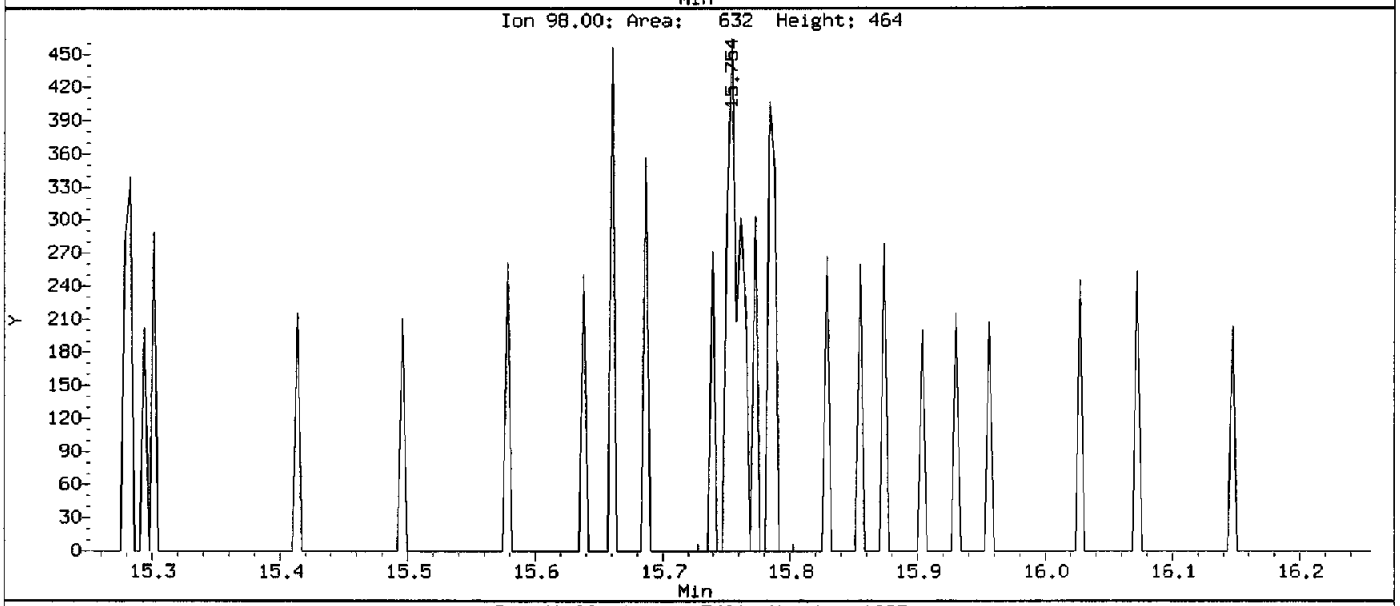
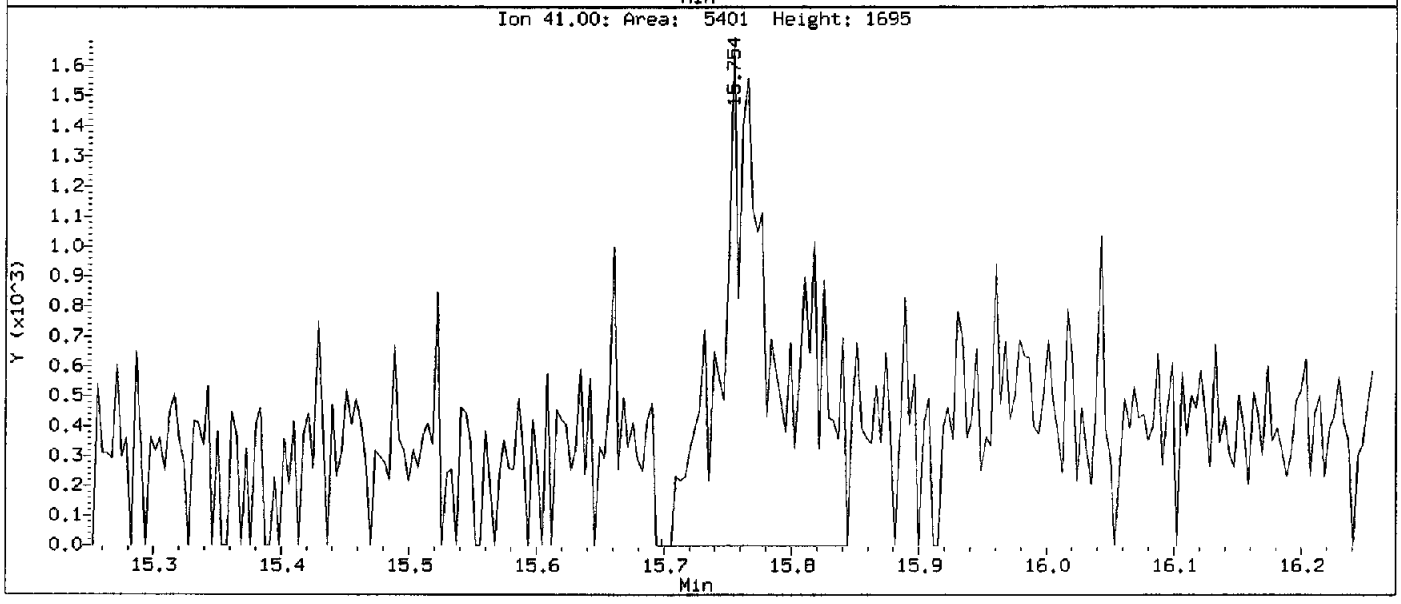
Injection Date: 17-DEC-2007 16:16
Instrument: MSL.i
Client Sample ID: VSTD1.0

Compound: Nonanal
CAS Number: 124-19-6







Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Lab Smp Id: VSTD0.5 Client Smp ID: VSTD0.5
Inj Date : 17-DEC-2007 16:42
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD0.5;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 11:25 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 16:42 Cal File: LCAL7330.D
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.468	3.468	(0.359)	15224	0.50000	0.4940(M)
	2 Freon-114	135	3.745	3.745	(0.387)	3918	0.50000	0.5403(M)
	3 Chloromethane	50	3.898	3.898	(0.403)	35398	0.50000	0.6317
	4 Vinyl Chloride	62	4.100	4.100	(0.424)	23176	0.50000	0.4886
	5 Bromomethane	94	4.811	4.811	(0.497)	17556	0.50000	0.1535
	6 Chloroethane	64	5.043	5.043	(0.521)	13032	0.50000	0.4546(M)
	7 Trichlorofluoromethane	101	5.287	5.287	(0.547)	18777	0.50000	0.8024(M)
	8 Diethyl ether	59	5.796	5.796	(0.599)	8802	1.00000	1.086
	9 1,1-Dichloroethene	96	6.155	6.155	(0.636)	13237	0.50000	0.5763(M)
	10 1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	12595	0.50000	0.5427
	11 Carbon Disulfide	76	6.320	6.320	(0.653)	41831	0.50000	0.5542
	12 Iodomethane	142	6.439	6.439	(0.666)	5302	0.50000	0.6612(M)
	13 Acrolein	56	6.645	6.645	(0.687)	1290	2.50000	5.657(M)
	14 Allyl chloride	39	6.814	6.814	(0.704)	15338	0.50000	0.5909
	15 Methylene Chloride	84	6.971	6.971	(0.721)	14001	0.50000	0.6536(M)
	16 Acetone	43	6.978	6.978	(0.721)	5356	0.50000	1.322(M)
	17 trans-1,2-Dichloroethene	96	7.188	7.188	(0.743)	15496	0.50000	0.5611
	18 n-Hexane	57	7.180	7.180	(0.742)	24943	0.50000	0.5116(M)
	19 Methyl Acetate	74	7.135	7.135	(0.738)	1294	0.50000	0.6287(M)
	20 MTBE	73	7.221	7.221	(0.747)	13771	0.50000	0.8719(M)
M	21 1,2-Dichloroethene (total)	96				28259	1.00000	1.098
	22 Acetonitrile	41	7.577	7.577	(0.783)	2916	2.50000	4.286(M)

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Report Date: 18-Dec-2007 11:25

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	23	Acrylonitrile	53	7.947	7.947	(0.822)	5193	2.50000	2.445(M)
	24	1,1-Dichloroethane	63	7.880	7.880	(0.815)	26168	0.50000	0.5378
	25	2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	20044	0.50000	0.5116
	26	Vinyl acetate	43	8.108	8.108	(0.838)	6486	0.50000	0.5267(M)
	27	cis-1,2-Dichloroethene	96	8.464	8.464	(0.875)	12763	0.50000	0.5371
	28	2,2-Dichloropropane	77	8.539	8.539	(0.883)	23116	0.50000	0.5698(M)
	29	Bromochloromethane	128	8.707	8.707	(0.900)	3112	0.50000	0.5642(M)
	30	Cyclohexane	84	8.670	8.670	(0.896)	21382	0.50000	0.5009
	31	Chloroform	83	8.707	8.707	(0.900)	21680	0.50000	0.5441
	32	Ethyl acetate	43	8.786	8.786	(0.908)	1312	1.00000	1.680(M)
	33	Carbon Tetrachloride	117	8.905	8.905	(0.921)	17735	0.50000	0.5447(M)
	34	Isobutanol	42	8.928	8.928	(0.923)	4778	10.0000	24.90(M)
	35	Tetrahydrofuran	71	8.917	8.917	(0.922)	1241	2.50000	2.241(M)
$	36	Dibromofluoromethane	113	8.909	8.909	(0.921)	7288	0.50000	0.5107
	37	1,1,1-Trichloroethane	97	8.943	8.943	(0.925)	20706	0.50000	0.5286
	38	2-Butanone	43	8.950	8.950	(0.925)	2212	0.50000	1.342(M)
	39	1,1-Dichloropropene	75	9.059	9.059	(0.937)	19200	0.50000	0.5057
	40	Benzene	78	9.317	9.317	(0.963)	59329	0.50000	0.5327
	41	Propionitrile	54	9.302	9.302	(0.962)	2011	2.50000	2.965(M)
	42	Methacrylonitrile	41	9.310	9.310	(0.962)	5880	2.50000	5.021
$	43	1,2-Dichloroethane-d4	65	9.452	9.452	(0.977)	5996	0.50000	0.5343
	44	1,2-Dichloroethane	62	9.519	9.519	(0.984)	7647	0.50000	0.5114
*	45	Fluorobenzene	96	9.673	9.673	(1.000)	962595	10.0000	
	47	Methylcyclohexane	55	9.815	9.815	(1.015)	21298	0.50000	0.5270
	48	Trichloroethene	130	9.860	9.860	(1.019)	15175	0.50000	0.5626
	49	Dibromomethane	93	10.328	10.328	(1.068)	2832	0.50000	0.5878(M)
	50	1,2-Dichloropropane	63	10.328	10.328	(1.068)	10662	0.50000	0.5052
	51	Bromodichloromethane	83	10.399	10.399	(1.075)	10915	0.50000	0.5389
M	52	Xylenes (total)	106				69777	1.50000	1.501
	53	Methyl methacrylate	69	10.440	10.440	(1.079)	1830	0.50000	0.4612(M)
	54	1,4-Dioxane	88	10.582	10.582	(1.094)	4150	10.0000	2.899(M)
	56	cis-1,3-Dichloropropene	75	10.945	10.945	(1.132)	12434	0.50000	0.5945(M)
$	57	Toluene-d8	98	11.098	11.098	(0.886)	39349	0.50000	0.4987
	58	Toluene	91	11.151	11.151	(0.890)	59064	0.50000	0.5340
	59	2-Nitro-Propane	43	11.330	11.330	(0.904)	2246	0.50000	1.186(M)
	60	4-Methyl-2-pentanone	43	11.409	11.409	(0.910)	2026	0.50000	0.4316(M)
	61	trans-1,3-Dichloropropene	75	11.510	11.510	(0.918)	6713	0.50000	0.5098
	62	Tetrachloroethene	164	11.521	11.521	(0.919)	14423	0.50000	0.8535
	63	Ethyl methacrylate	69	11.559	11.559	(0.922)	4346	0.50000	1.708(M)
	64	1,1,2-Trichloroethane	97	11.671	11.671	(0.931)	5249	0.50000	0.5975(M)
	65	Chlorodibromomethane	129	11.907	11.907	(0.950)	4065	0.50000	0.5179(M)
	66	1,3-Dichloropropane	76	11.914	11.914	(0.951)	8132	0.50000	0.5408
	67	1,2-Dibromoethane	107	12.165	12.165	(0.971)	3745	0.50000	0.6451(M)
	68	2-Hexanone	43	12.154	12.154	(0.970)	2178	0.50000	1.259(M)
	69	Ethylbenzene	106	12.506	12.506	(0.998)	20912	0.50000	0.5266
*	70	Chlorobenzene-d5	117	12.532	12.532	(1.000)	527726	10.0000	
	71	Chlorobenzene	112	12.547	12.547	(1.001)	32677	0.50000	0.5773
	72	1,1,1,2-Tetrachloroethane	131	12.584	12.584	(1.004)	8692	0.50000	0.5735
	73	m,p-Xylenes	106	12.622	12.622	(1.007)	49581	1.00000	0.9892
	74	o-Xylene	106	13.041	13.041	(1.041)	20196	0.50000	0.5116
	75	Styrene	104	13.101	13.101	(1.045)	46642	0.50000	0.8905
	76	Bromoform	173	13.269	13.269	(0.901)	1436	0.50000	0.4730(M)
	77	Isopropylbenzene	105	13.295	13.295	(0.903)	56114	0.50000	0.5265
$	78	4-Bromofluorobenzene	95	13.654	13.654	(0.927)	9648	0.50000	0.5202

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
79	n-Propylbenzene	91	13.688	13.688	(0.930)	75011	0.50000	0.5053
80	Bromobenzene	156	13.804	13.804	(0.937)	8568	0.50000	0.5678
81	1,1,2,2-Tetrachloroethane	83	13.767	13.767	(0.935)	4415	0.50000	0.5761
82	1,3,5-Trimethylbenzene	105	13.838	13.838	(0.940)	43610	0.50000	0.4831
83	2-Chlorotoluene	91	13.916	13.916	(0.945)	37161	0.50000	0.5245
84	1,2,3-Trichloropropane	110	13.935	13.935	(0.946)	730	0.50000	0.3685
85	trans-1,4-dichloro-2-butene	53	13.965	13.965	(0.948)	1446	0.50000	1.041(M)
86	4-Chlorotoluene	91	14.059	14.059	(0.955)	33136	0.50000	0.5007
87	Cyclohexanone	55	14.029	14.029	(0.953)	2090	5.00000	(M)
88	t-Butylbenzene	119	14.163	14.163	(0.962)	40318	0.50000	0.4998
89	Pentachloroethane	167	14.268	14.268	(0.969)	2042	0.50000	0.6824(M)
90	1,2,4-Trimethylbenzene	105	14.234	14.234	(0.967)	45210	0.50000	0.5165
91	sec-Butylbenzene	105	14.332	14.332	(0.973)	67578	0.50000	0.5104
92	4-Isopropyltoluene	119	14.440	14.440	(0.981)	49761	0.50000	0.4951
93	1,3-Dichlorobenzene	146	14.661	14.661	(0.996)	18610	0.50000	0.5355
* 94	1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	188734	10.0000	
95	1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	19814	0.50000	0.5782
96	n-Butylbenzene	91	14.867	14.867	(1.010)	48676	0.50000	0.4548
98	1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	14029	0.50000	0.5456(M)
99	1,2-Dibromo-3-chloropropane	157	15.967	15.967	(1.084)	565	0.50000	0.8682(M)
100	Hexachlorobutadiene	225	16.555	16.555	(1.124)	5860	0.50000	0.5796
101	1,2,4-Trichlorobenzene	180	16.693	16.693	(1.134)	4662	0.50000	0.4019(M)
102	Naphthalene	128	17.120	17.120	(1.163)	5135	0.50000	0.6098(M)
103	1,2,3-Trichlorobenzene	180	17.303	17.303	(1.175)	2360	0.50000	0.3635(M)
143	Nonanal	57	15.773	15.773	(1.631)	1566	0.50000	1.786(M)
$ 158	1,2-Dichlorobenzene-d4	150	15.155	15.155	(1.029)	10184	0.50000	0.4194(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

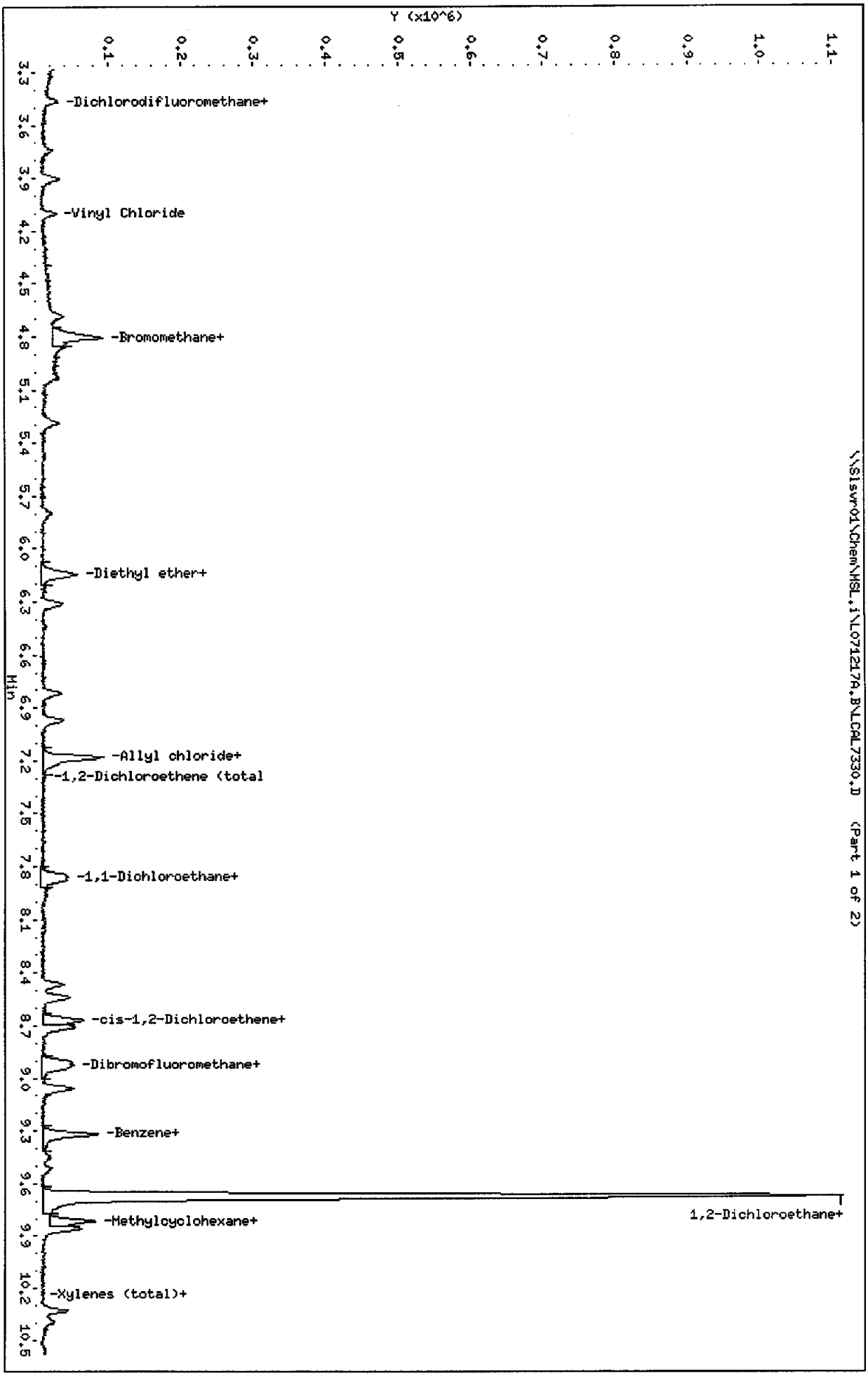
Instrument ID: MSL.i
Lab File ID: LCAL7330.D
Lab Smp Id: VSTD0.5
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD0.5
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	962595	-2.17
70 Chlorobenzene-d5	563731	281866	1127462	527726	-6.39
94 1,4 Dichlorobenze	211084	105542	422168	188734	-10.59

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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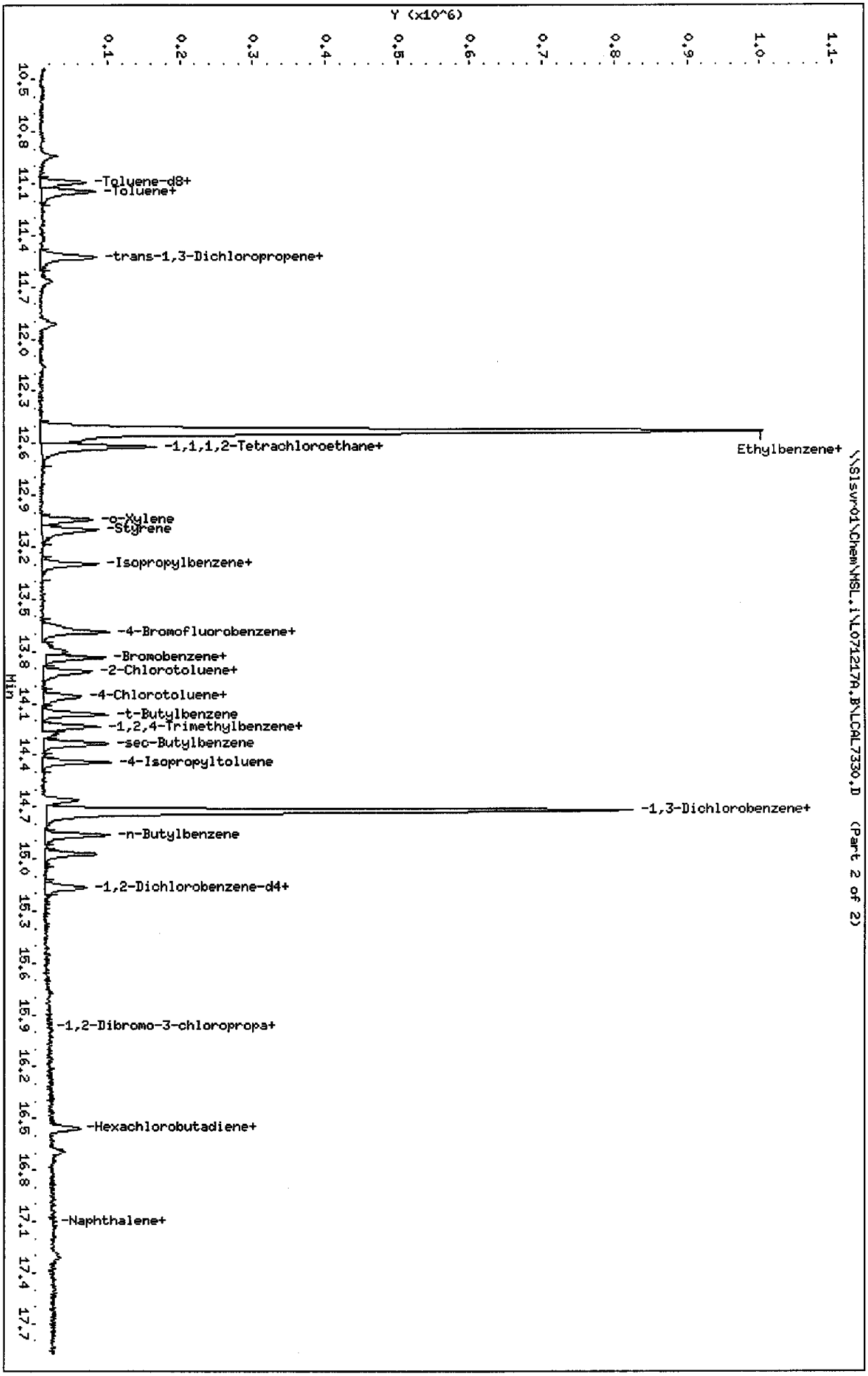
Sample Info: VSTD0.5;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
Min
3.3
3.6
3.9
4.2
4.5
4.8
5.1
5.4
5.7
6.0
6.3
6.6
6.9
7.2
7.5
7.8
8.1
8.4
8.7
9.0
9.3
9.6
9.9
10.2
10.5
-Dichlorodifluoromethane+
-Vinyl Chloride
-Bromomethane+
-Diethyl ether+
-Allyl chloride+
-1,2-Dichloroethene (total
-1,1-Dichloroethane+
-cis-1,2-Dichloroethene+
-Dibromofluoromethane+
-Benzene+
-Methylcyclohexane+
-Xylenes (total)+
1,2-Dichloroethane+
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D (Part 1 of 2)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Date : 17-DEC-2007 16:42
Client ID: VSTD0.5
Sample Info: VSTD0.5;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
10.5
10.8
11.1
11.4
11.7
12.0
12.3
12.6
12.9
13.2
13.5
13.8
14.1
14.4
14.7
15.0
15.3
15.6
15.9
16.2
16.5
16.8
17.1
17.4
17.7
Min
-Toluene-d8+
-Toluene+
-trans-1,3-Dichloropropene+
-1,1,1,2-Tetrachloroethane+
Ethylbenzene+
-o-Xylene
-Styrene
-Isopropylbenzene+
-4-Bromofluorobenzene+
-Bromobenzene+
-2-Chlorotoluene+
-4-Chlorotoluene+
-t-Butylbenzene
-1,2,4-Trimethylbenzene+
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene+
-n-Butylbenzene
-1,2-Dichlorobenzene-d4+
-1,2-Dibromo-3-chloropropa+
-Hexachlorobutadiene+
-Naphthalene+
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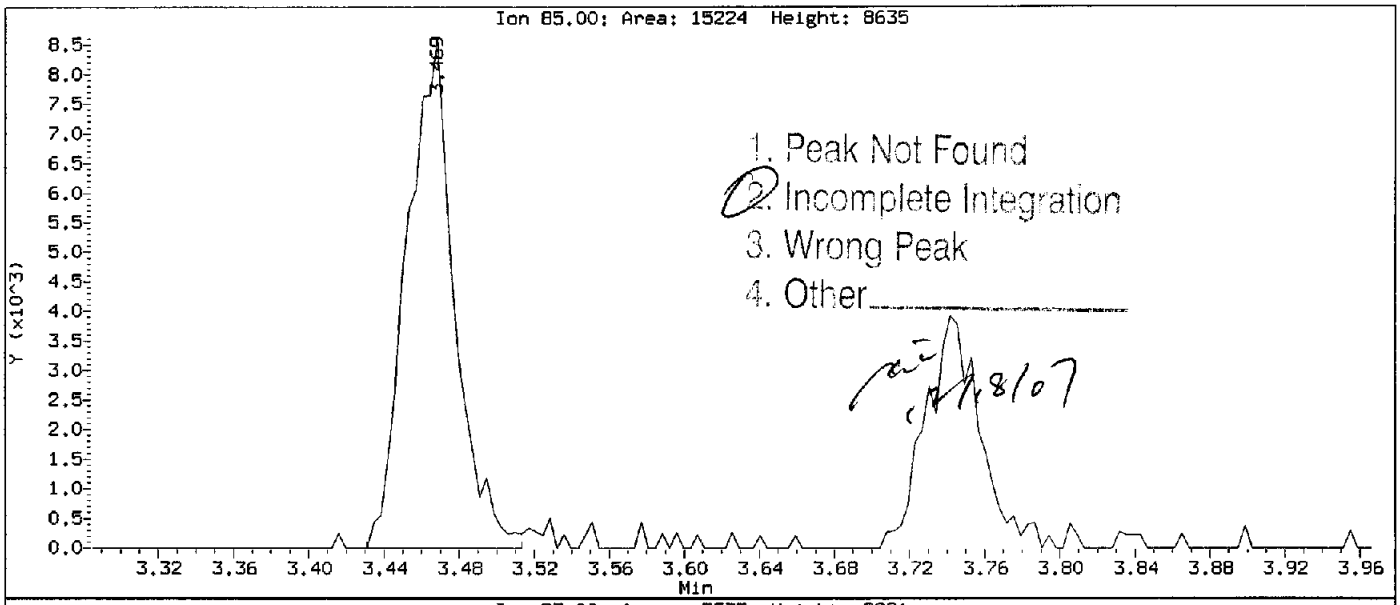
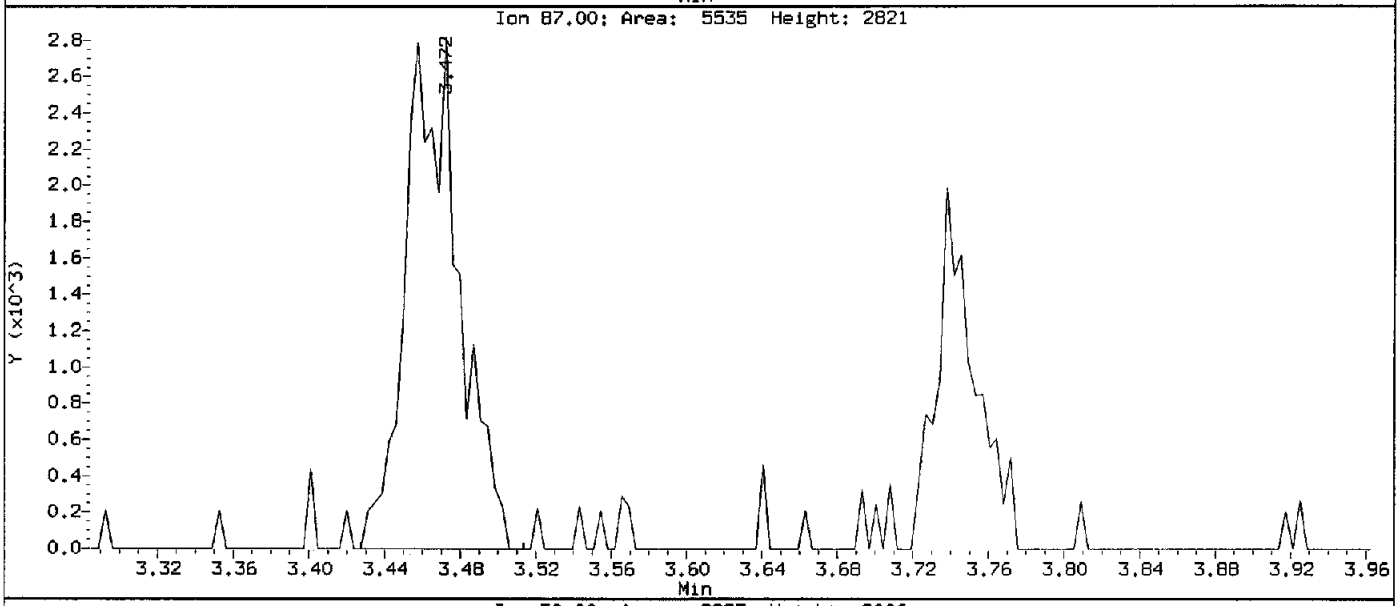
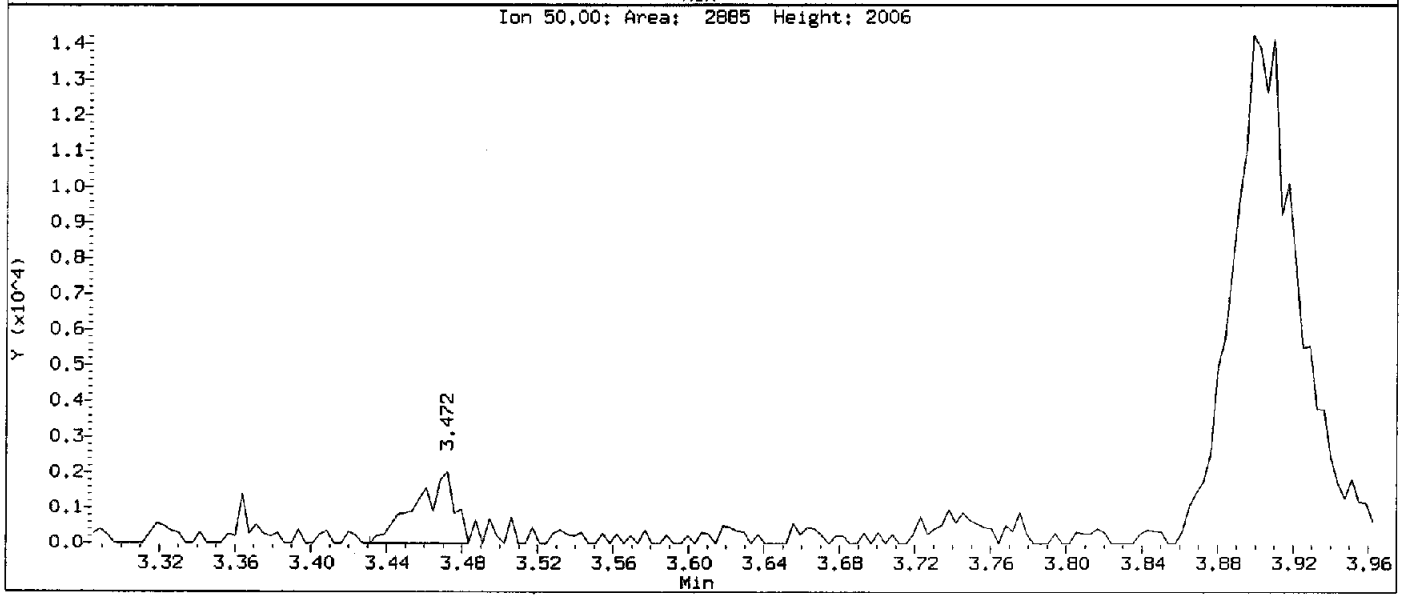
Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Dichlorodifluoromethane
CAS Number: 75-71-8







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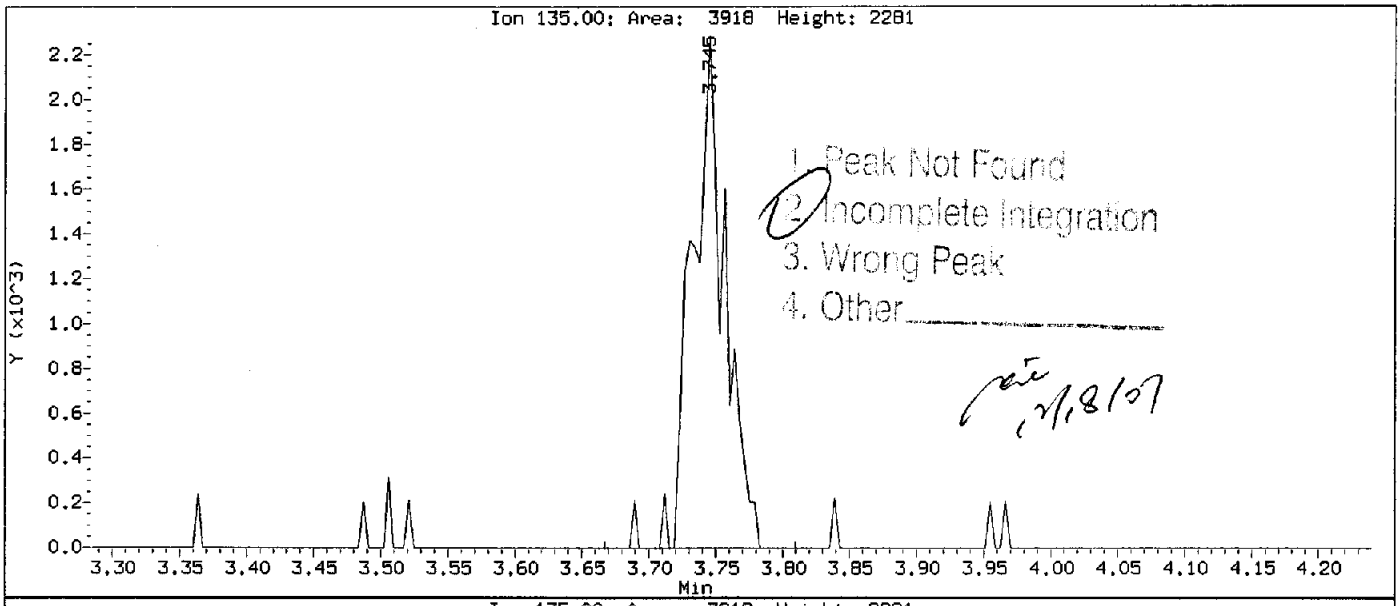
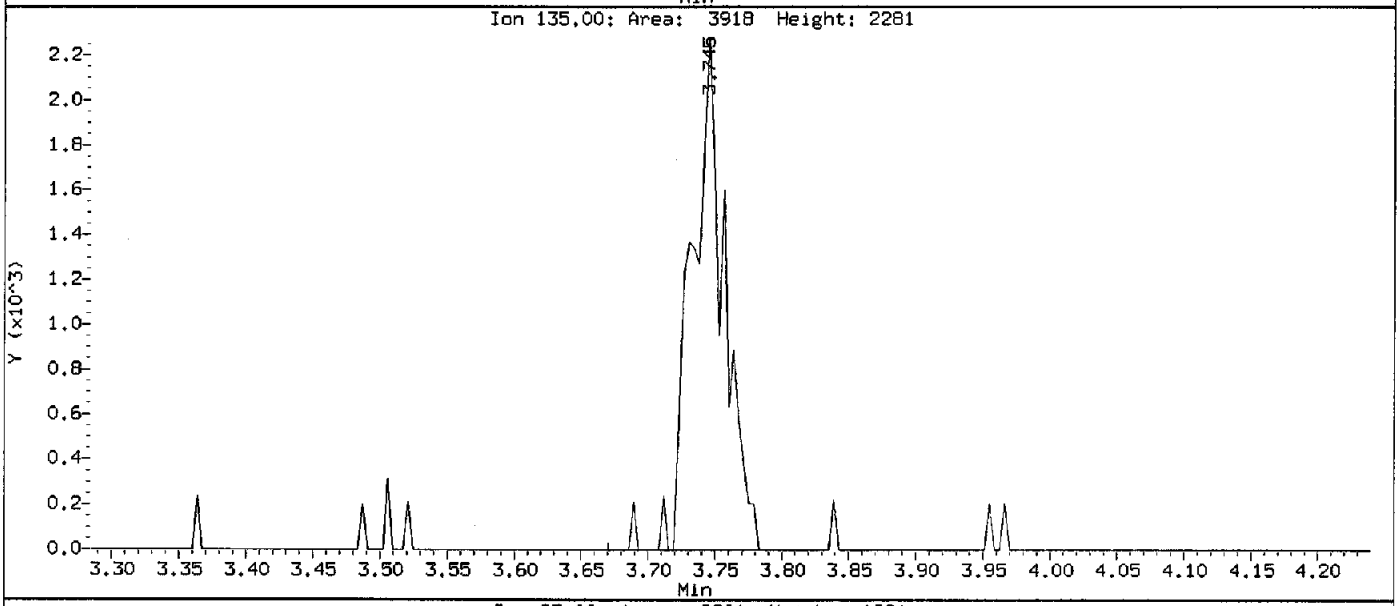
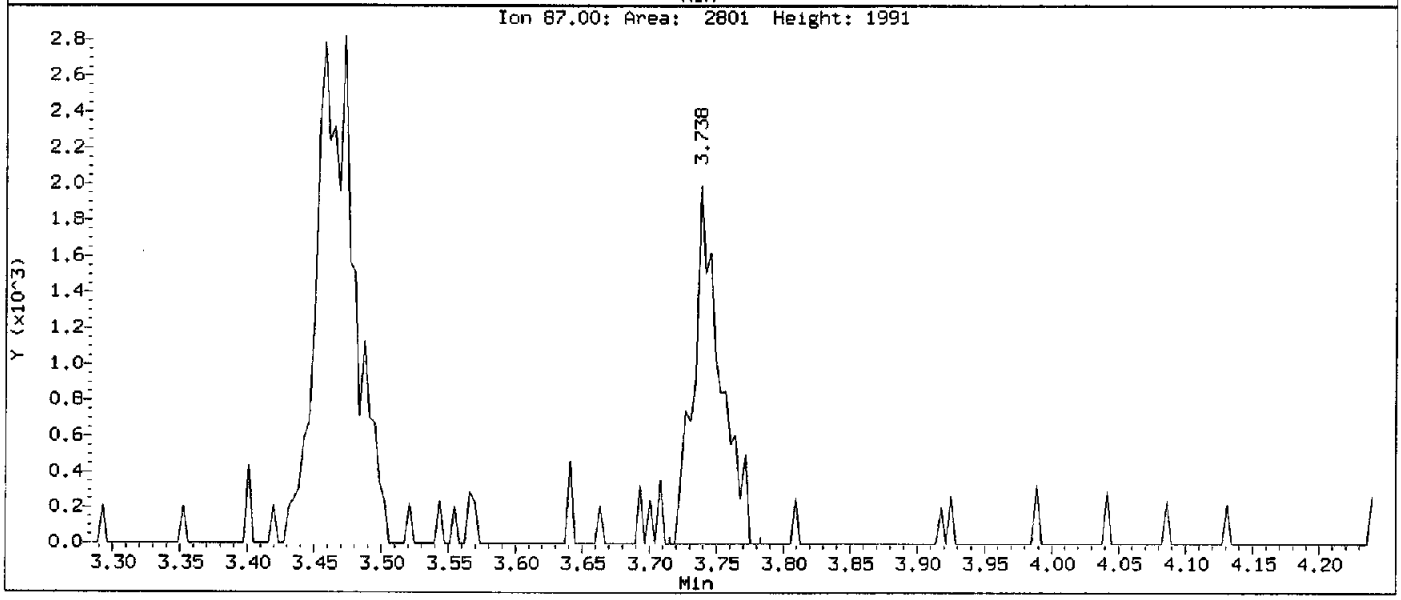
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Freon-114
CAS Number: 374-07-2







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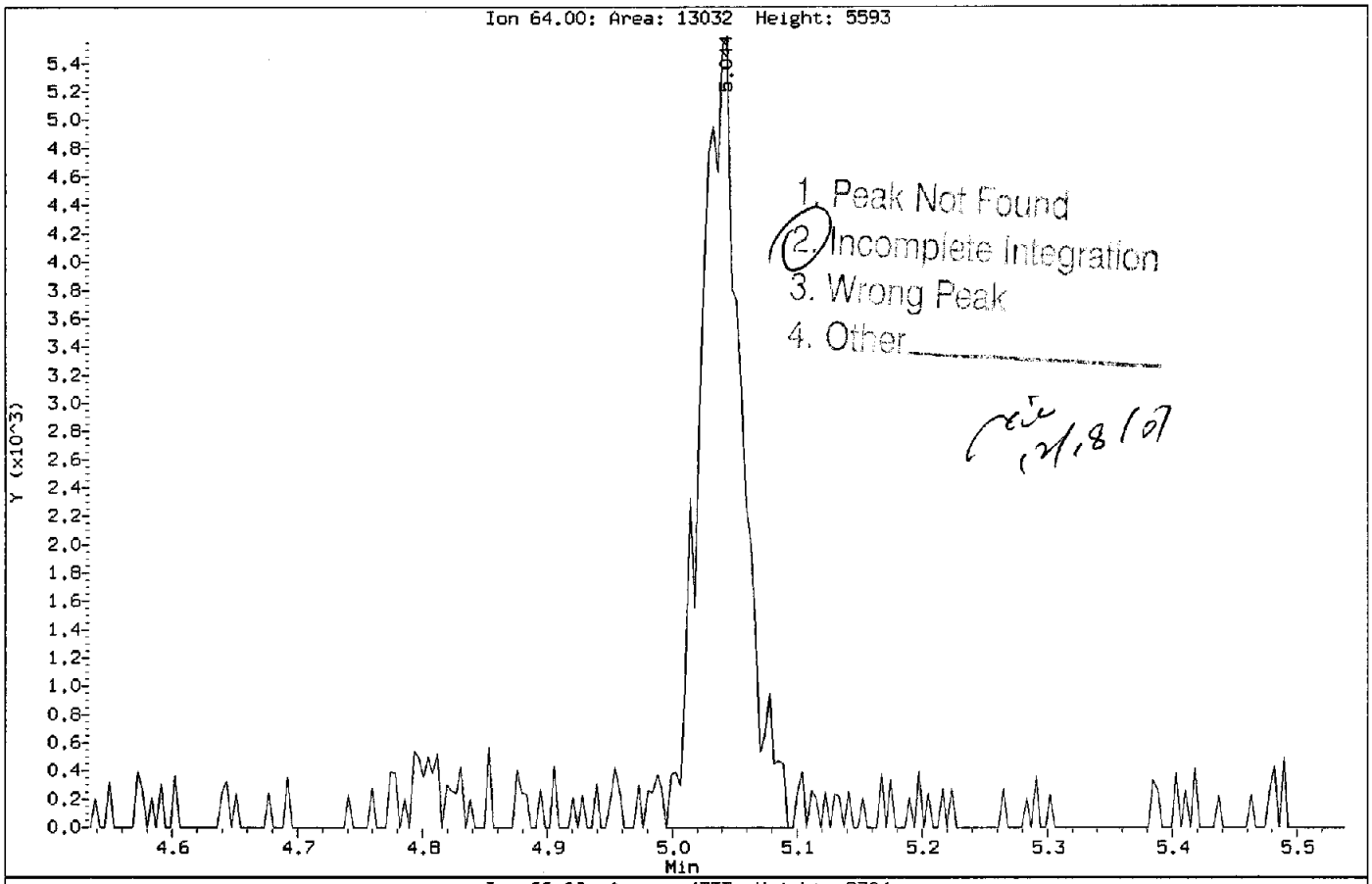
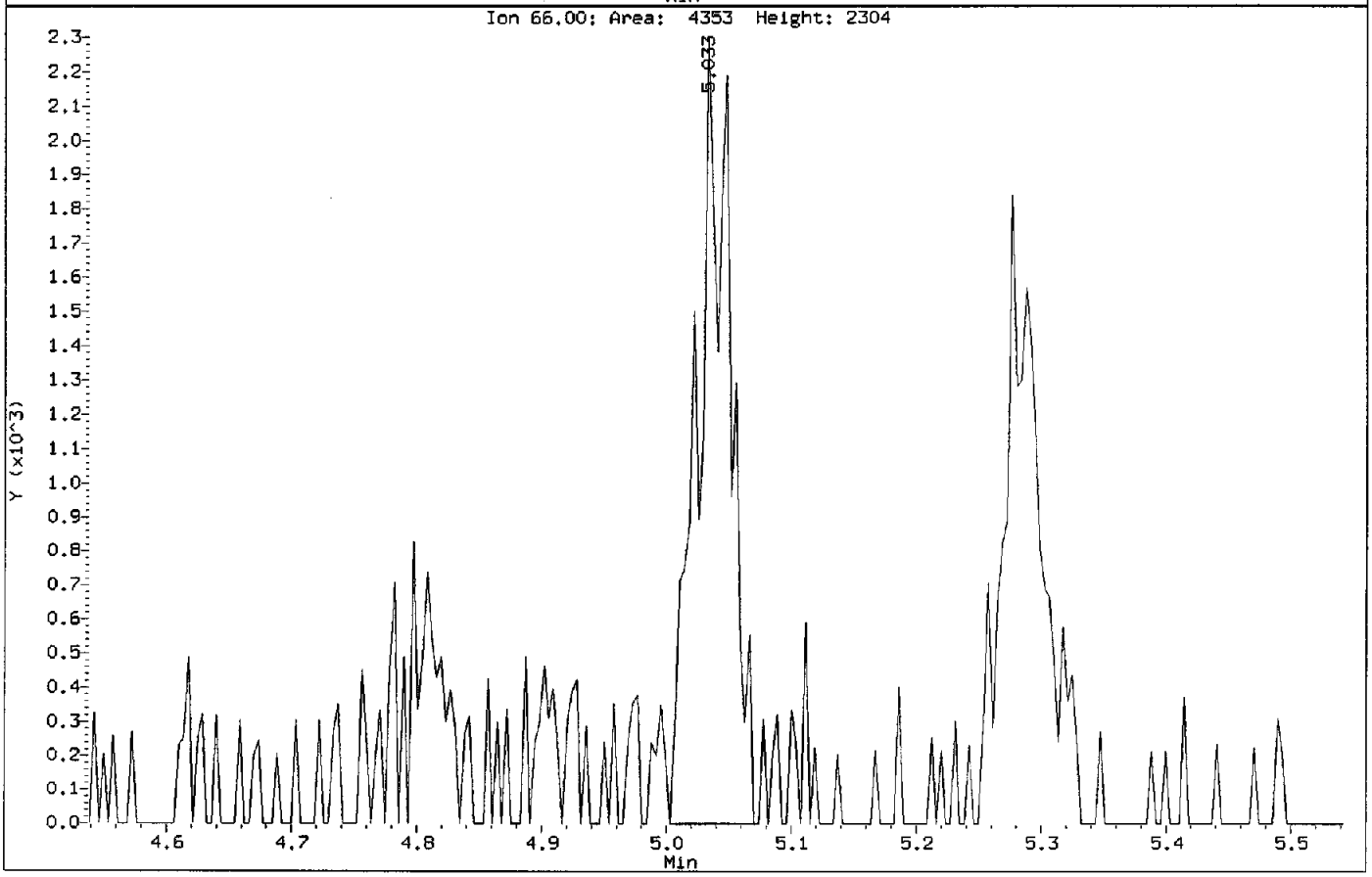
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Chloroethane
CAS Number: 75-00-3





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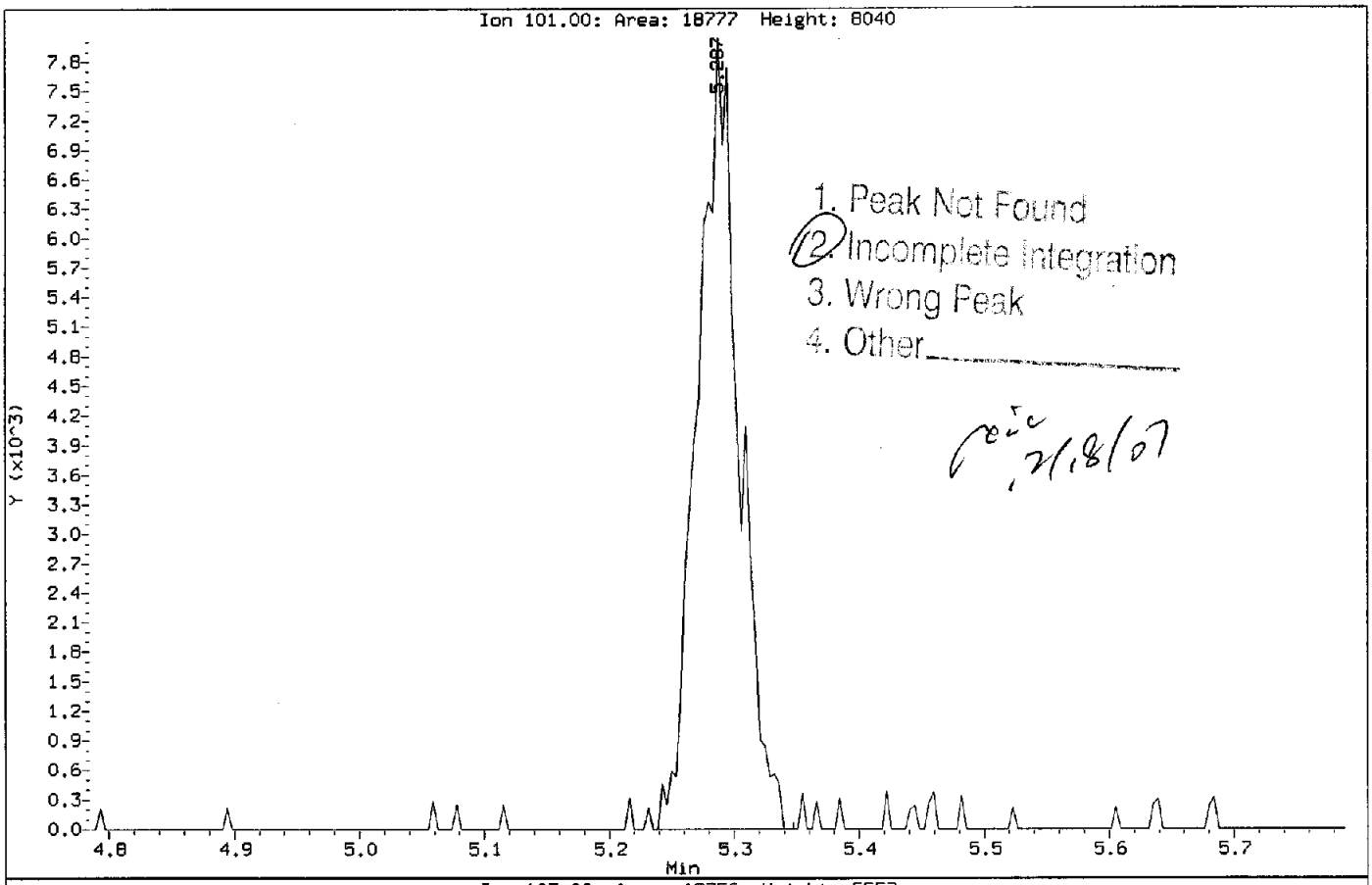
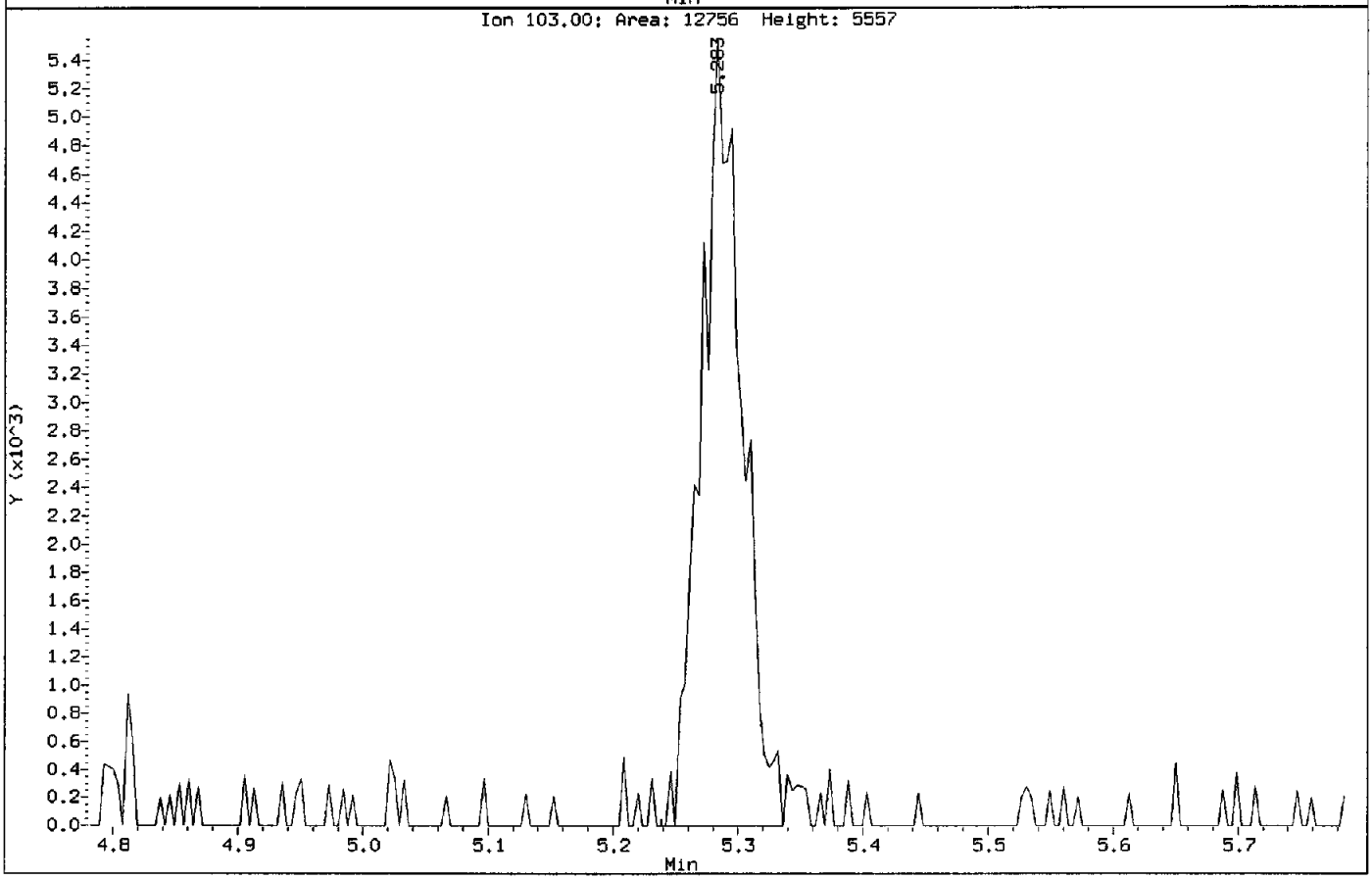
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Trichlorofluoromethane
CAS Number: 75-69-4





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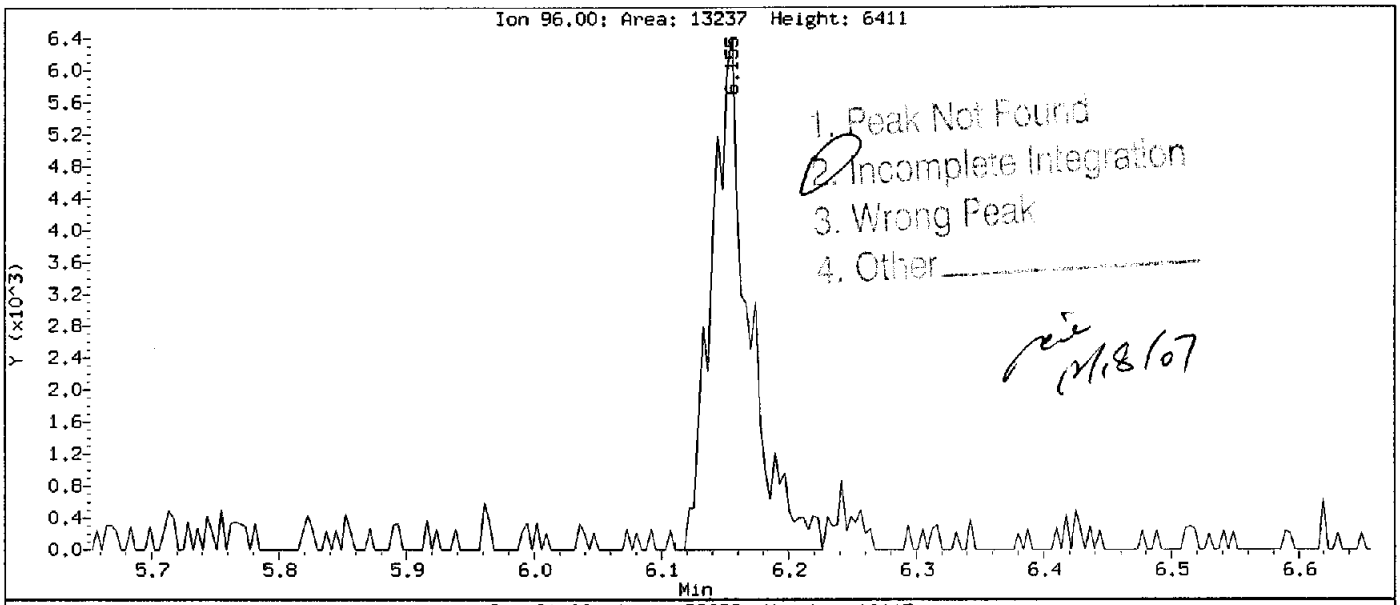
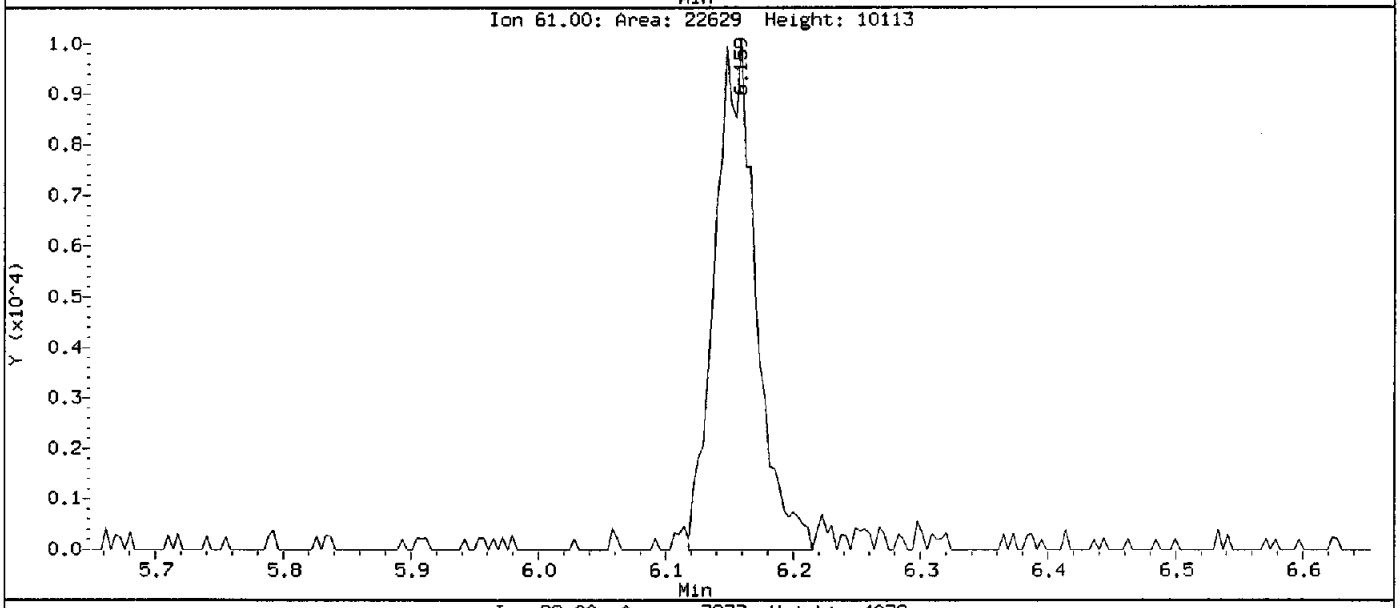
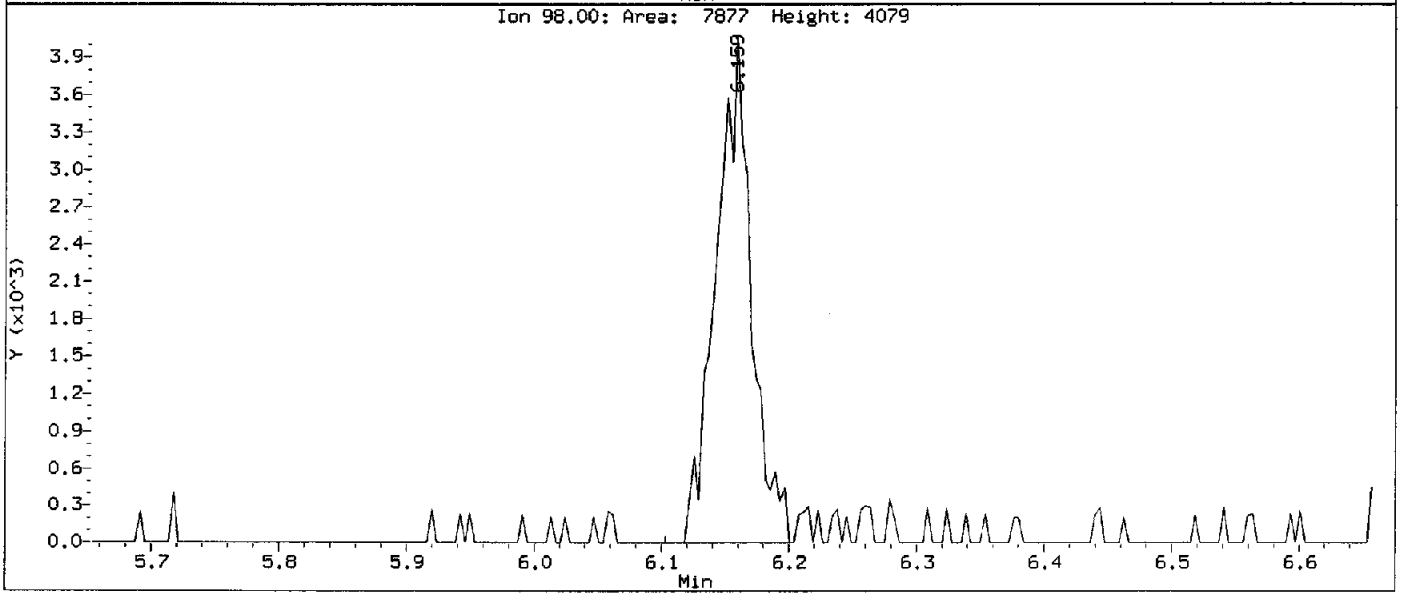
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,1-Dichloroethene
CAS Number: 75-35-4







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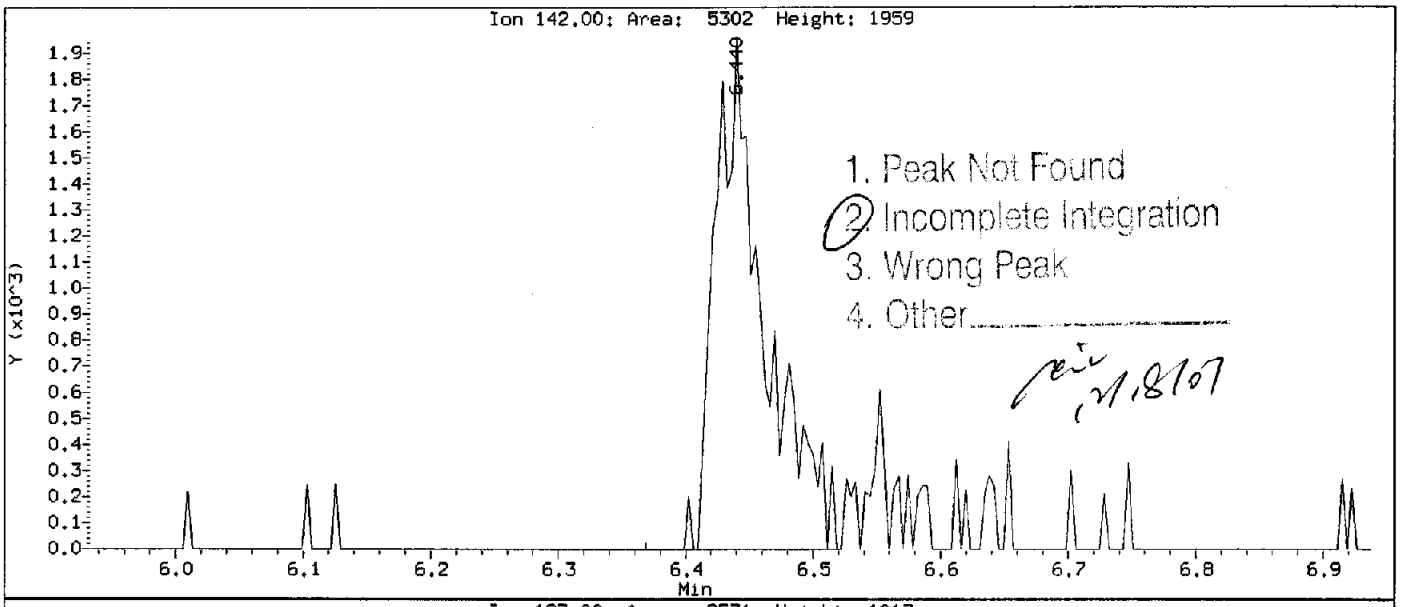
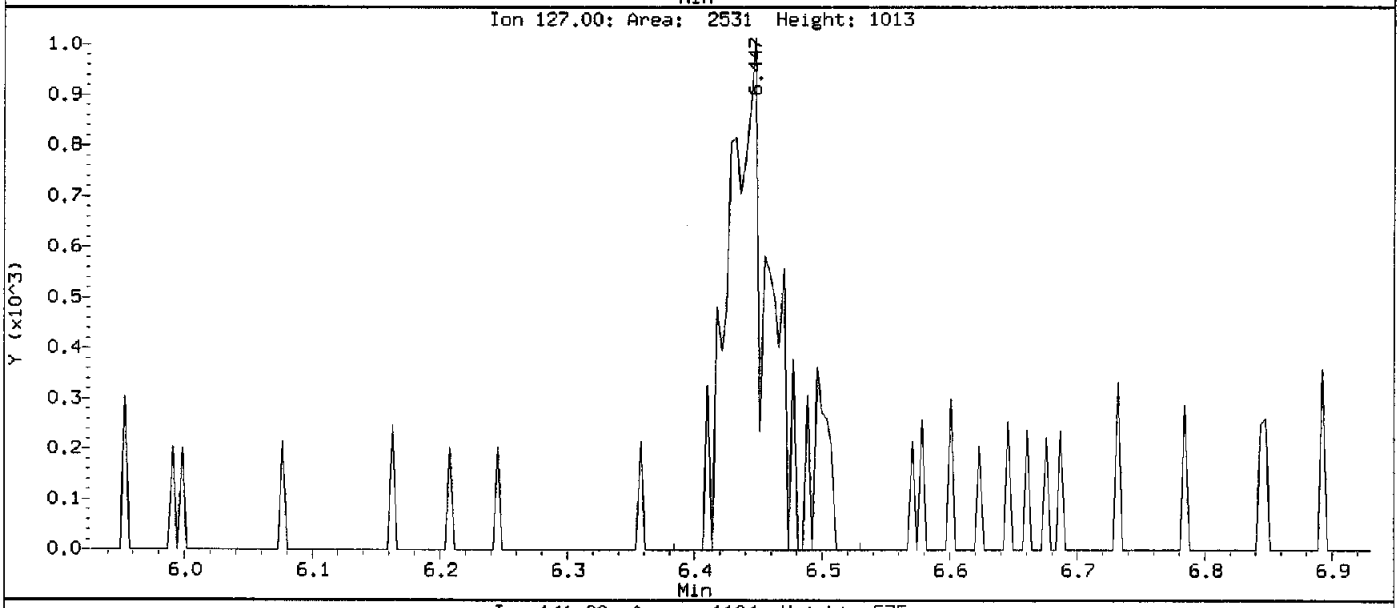
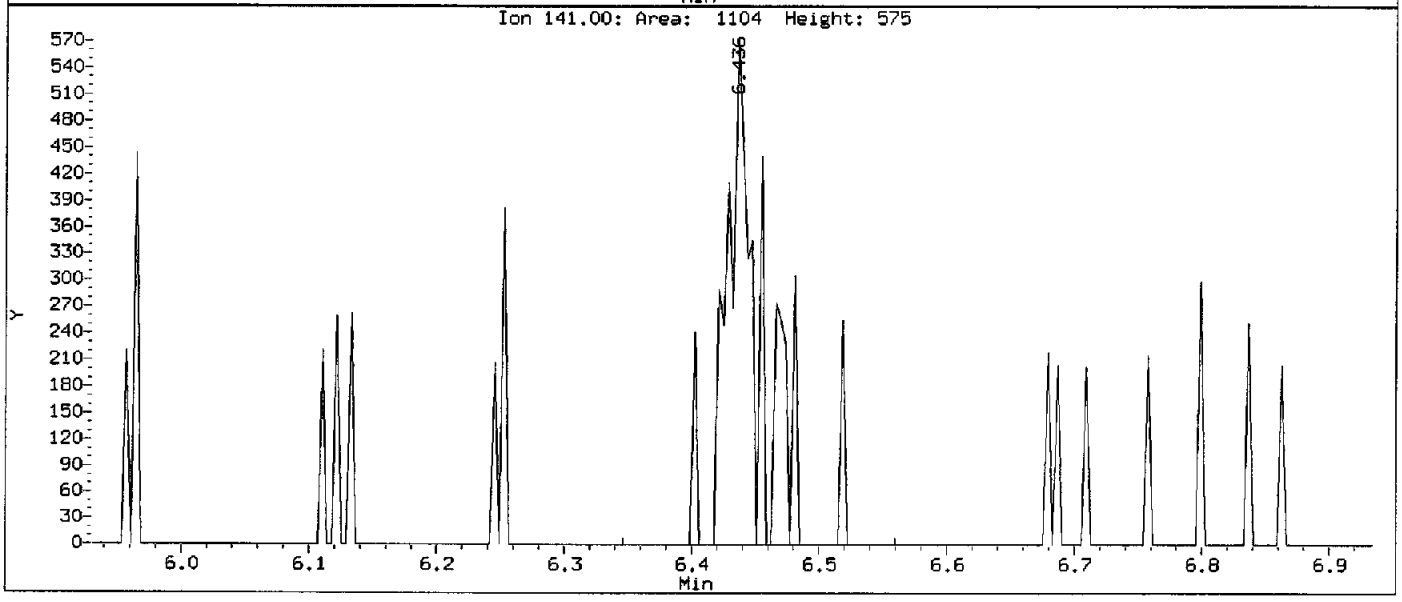
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Iodomethane
CAS Number: 74-88-4

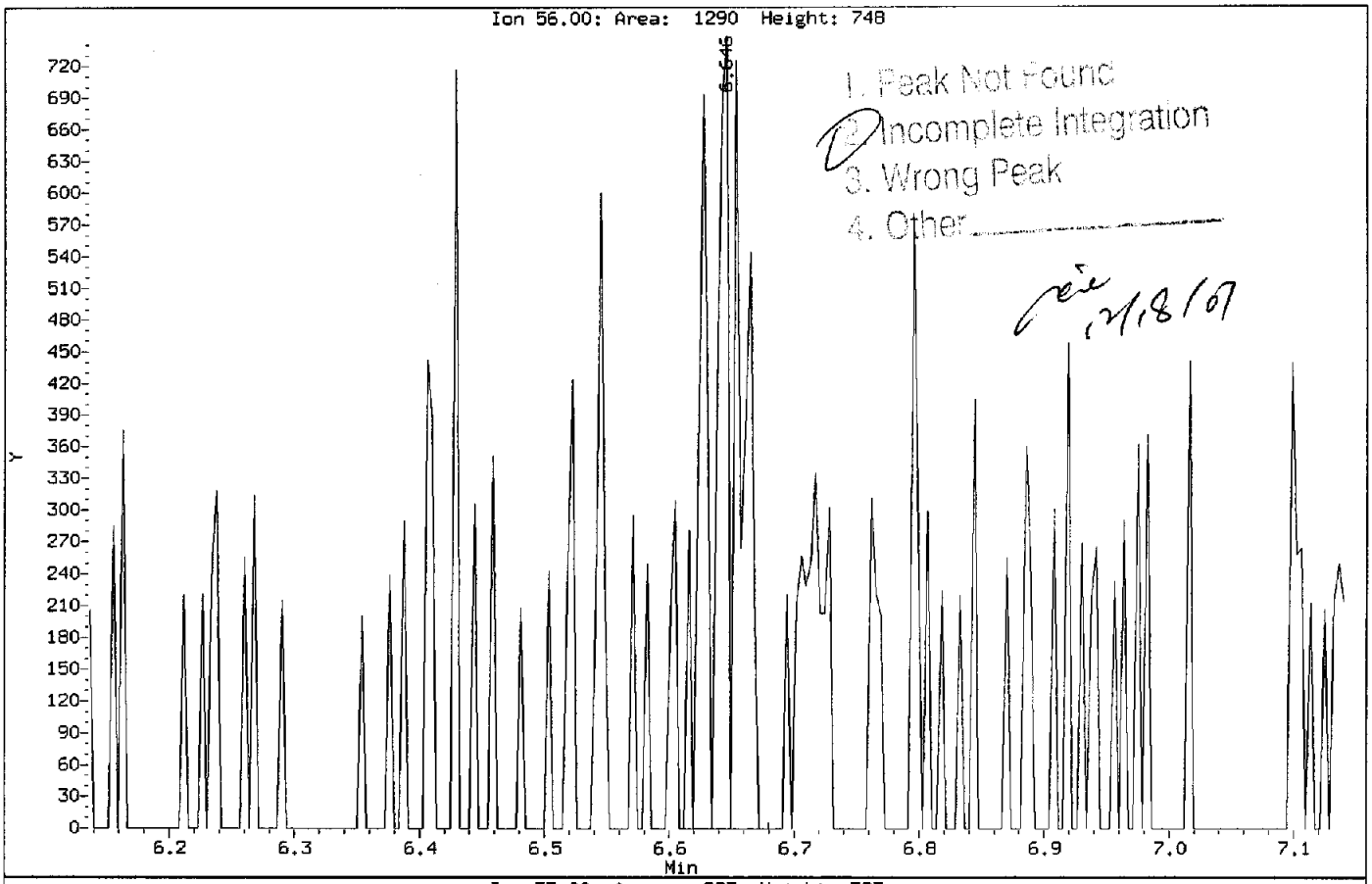






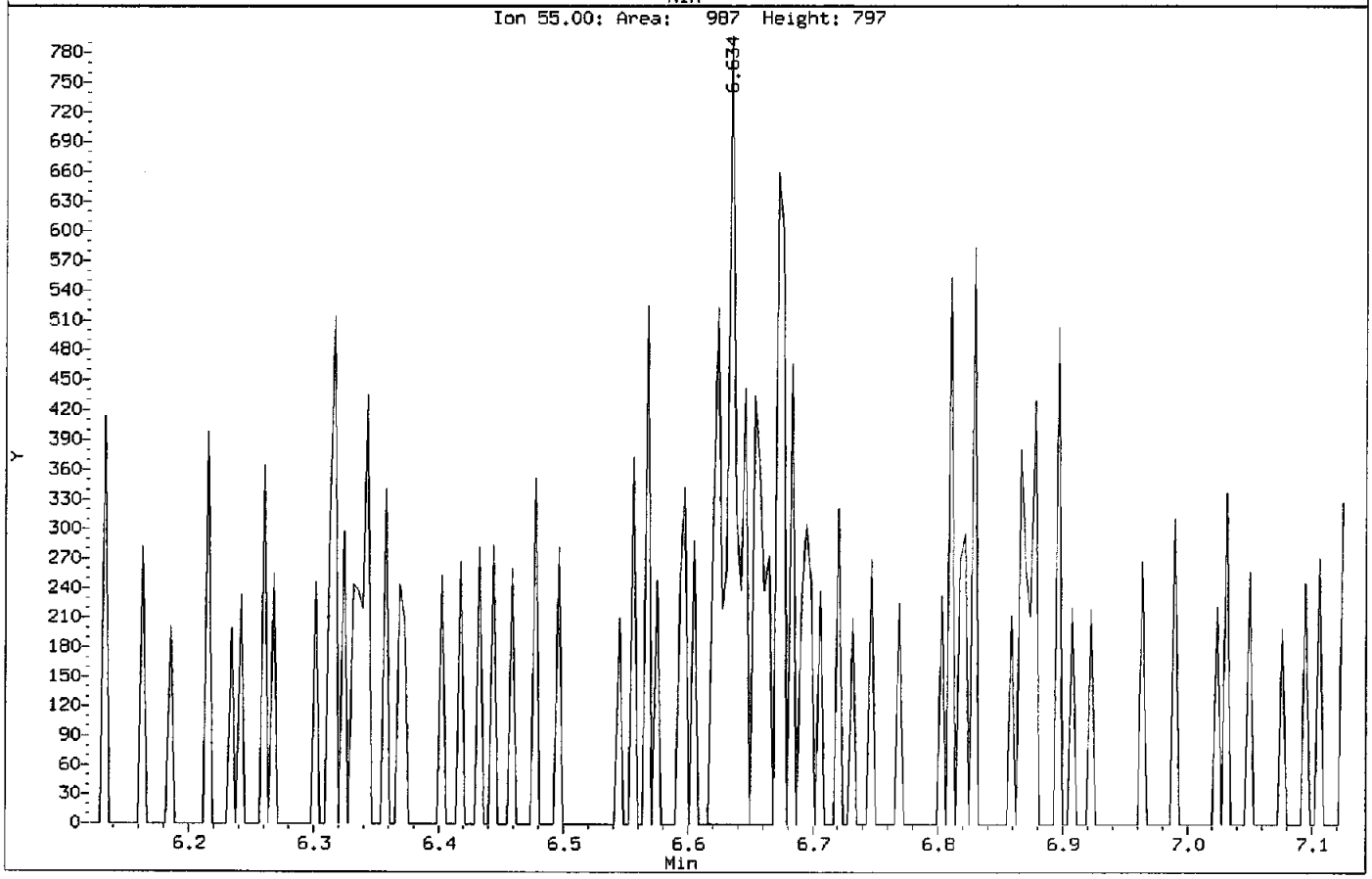
Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Acrolein
CAS Number: 107-02-8



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other

12/18/07



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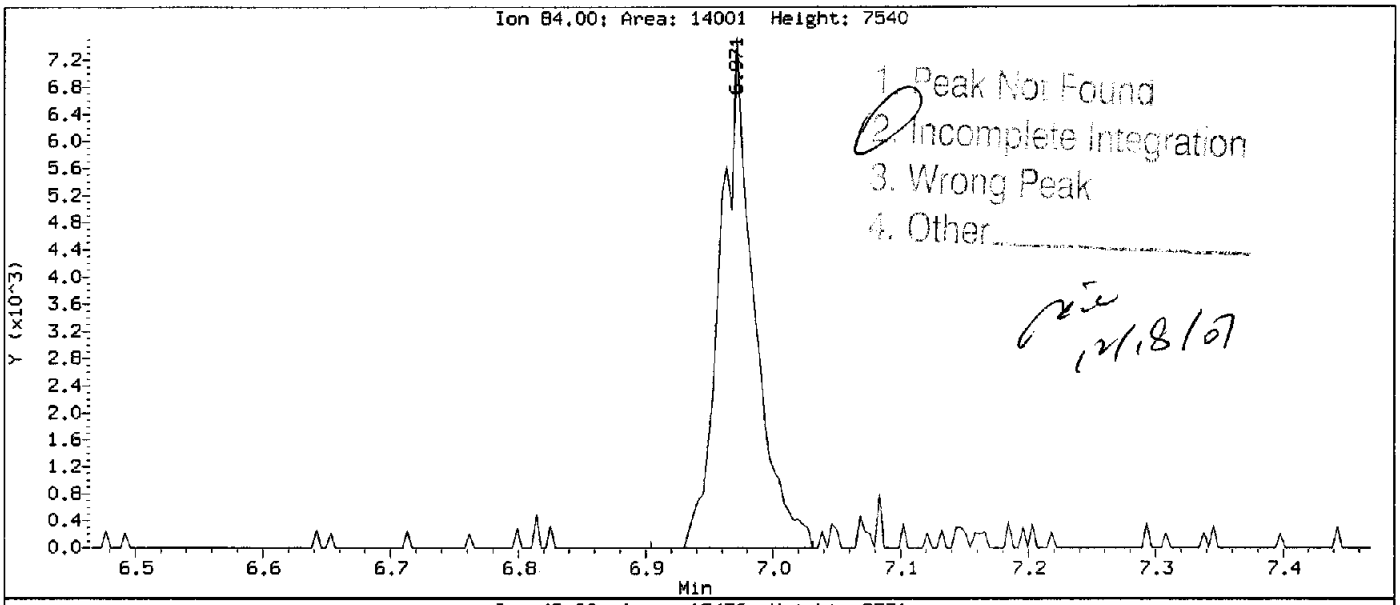
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Methylene Chloride
CAS Number: 75-09-2



1. Peak Not Found
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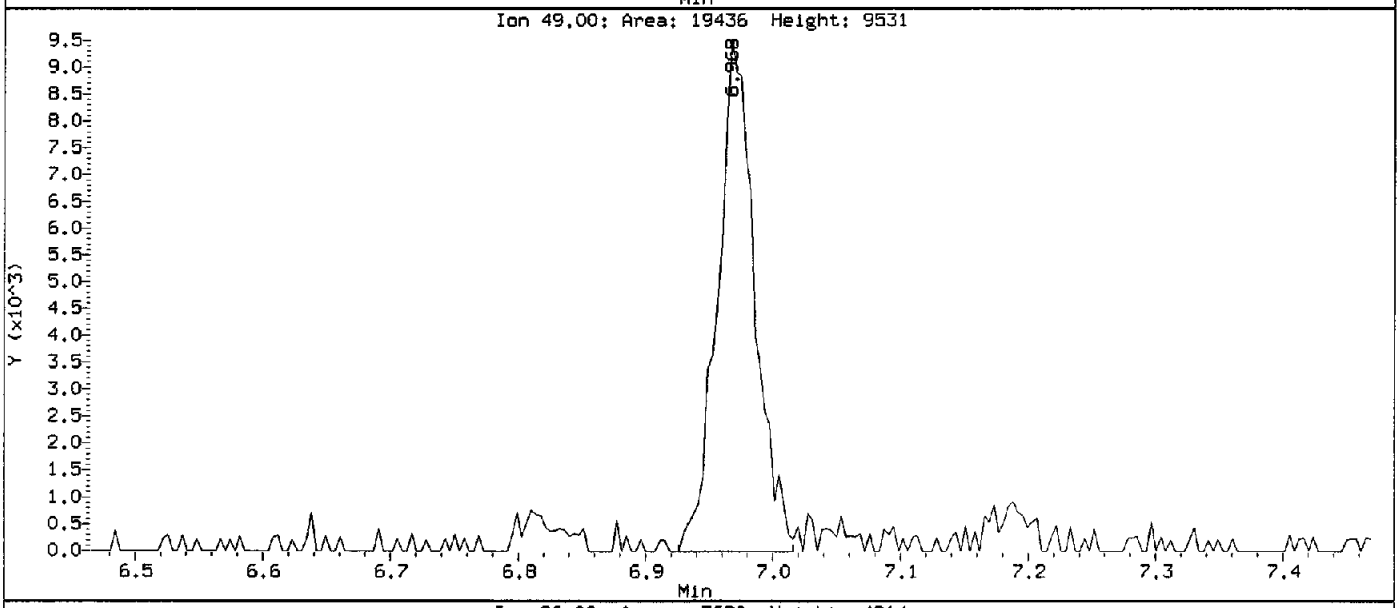
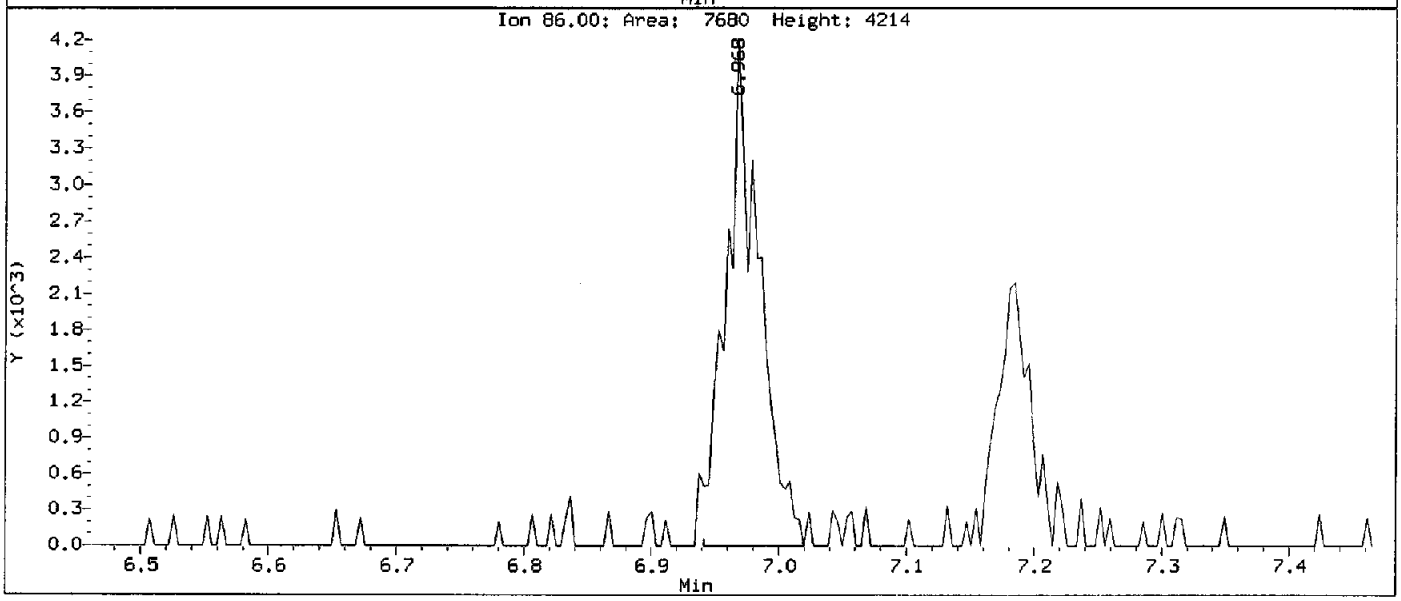
4. Other

12/18/07





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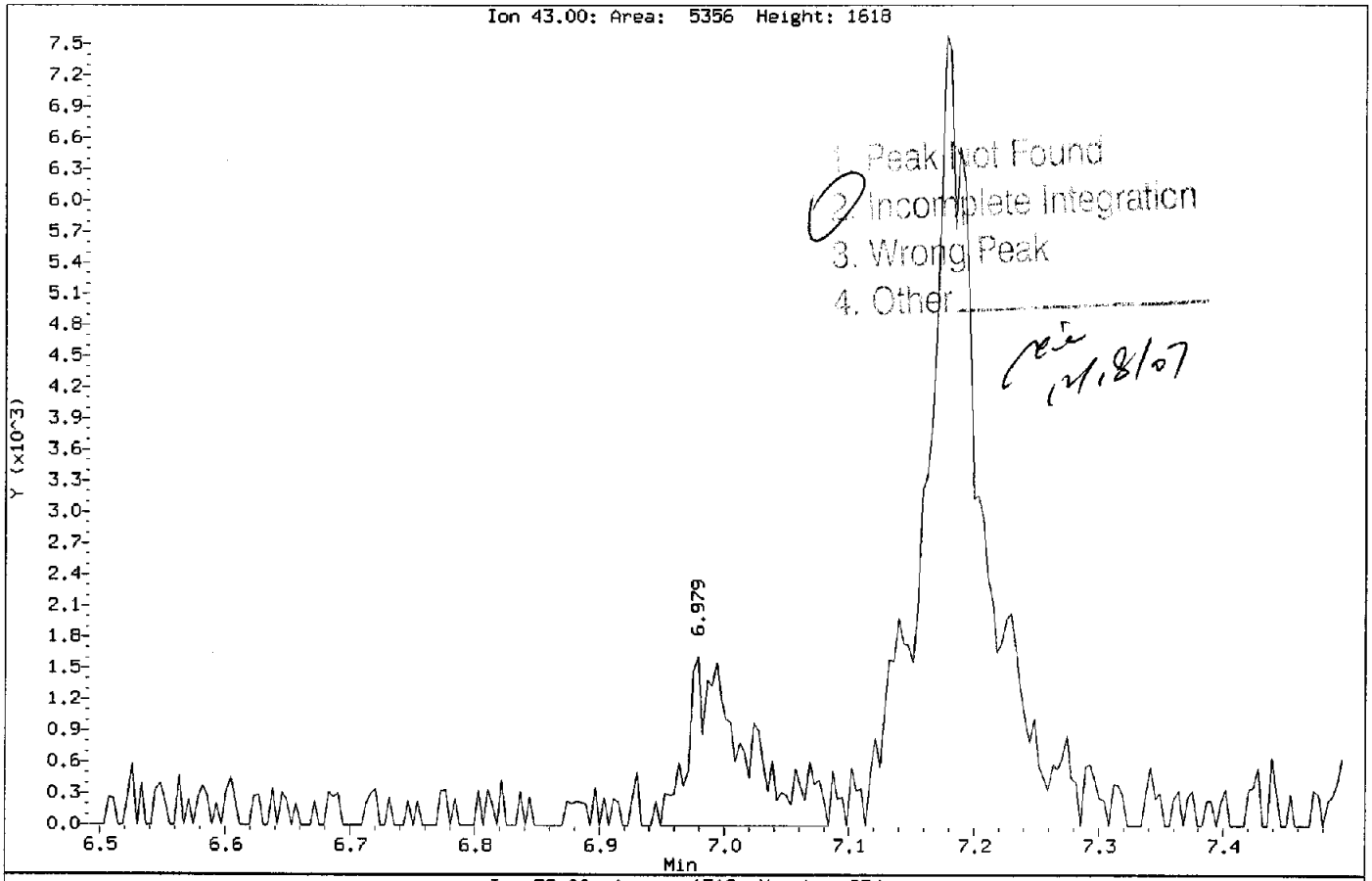
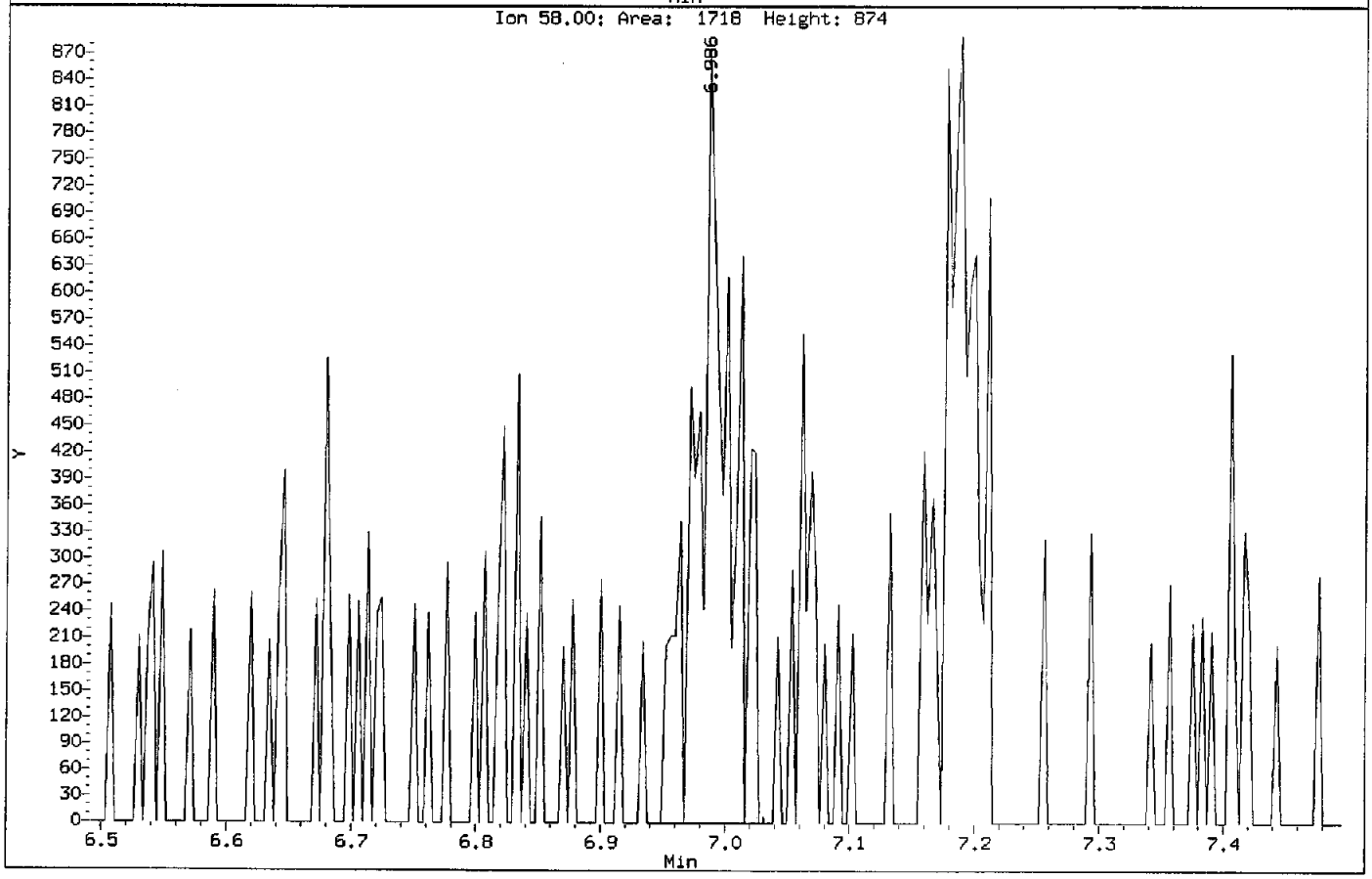
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

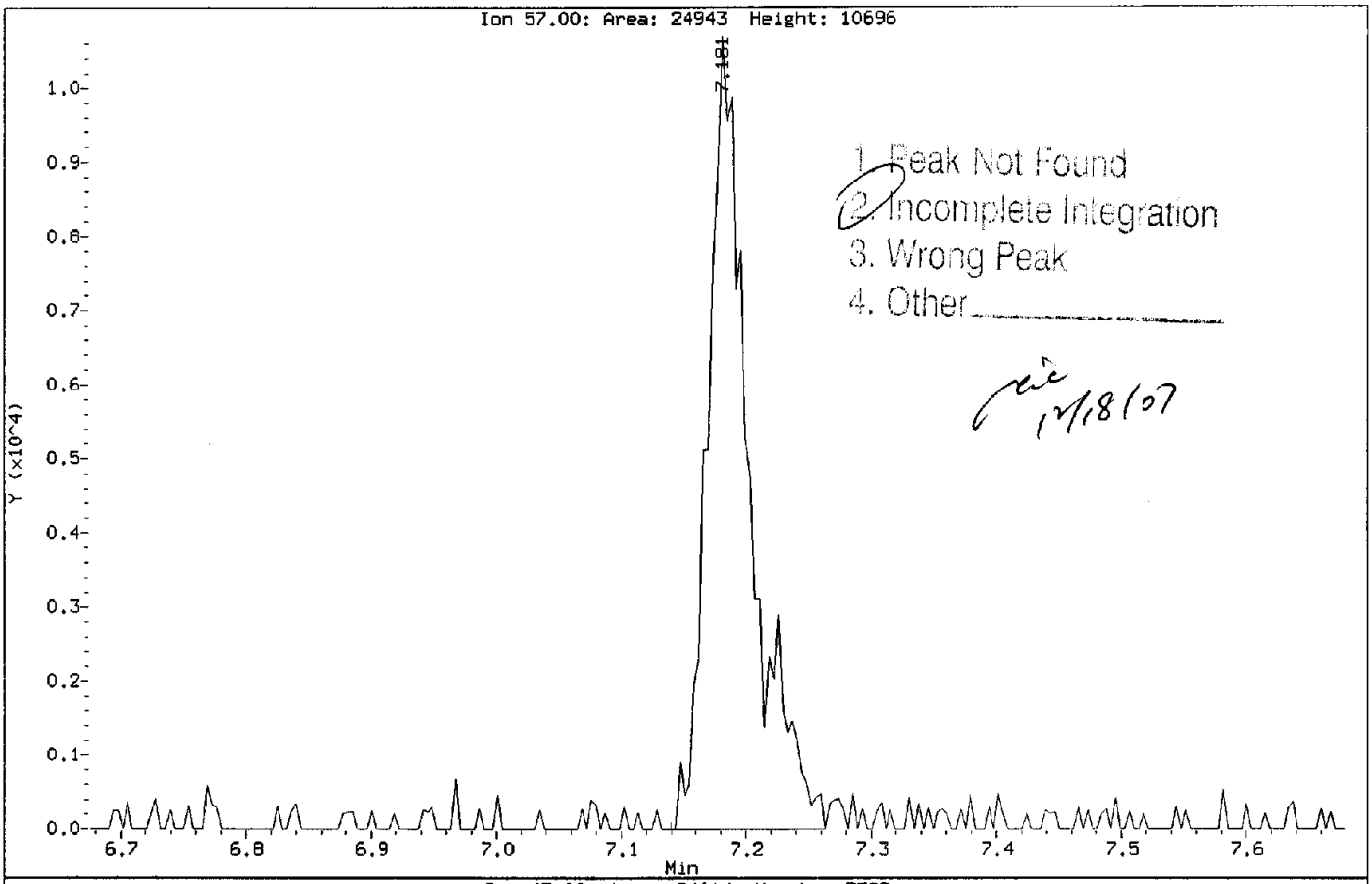
Compound: Acetone
CAS Number: 67-64-1





Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: n-Hexane
CAS Number:



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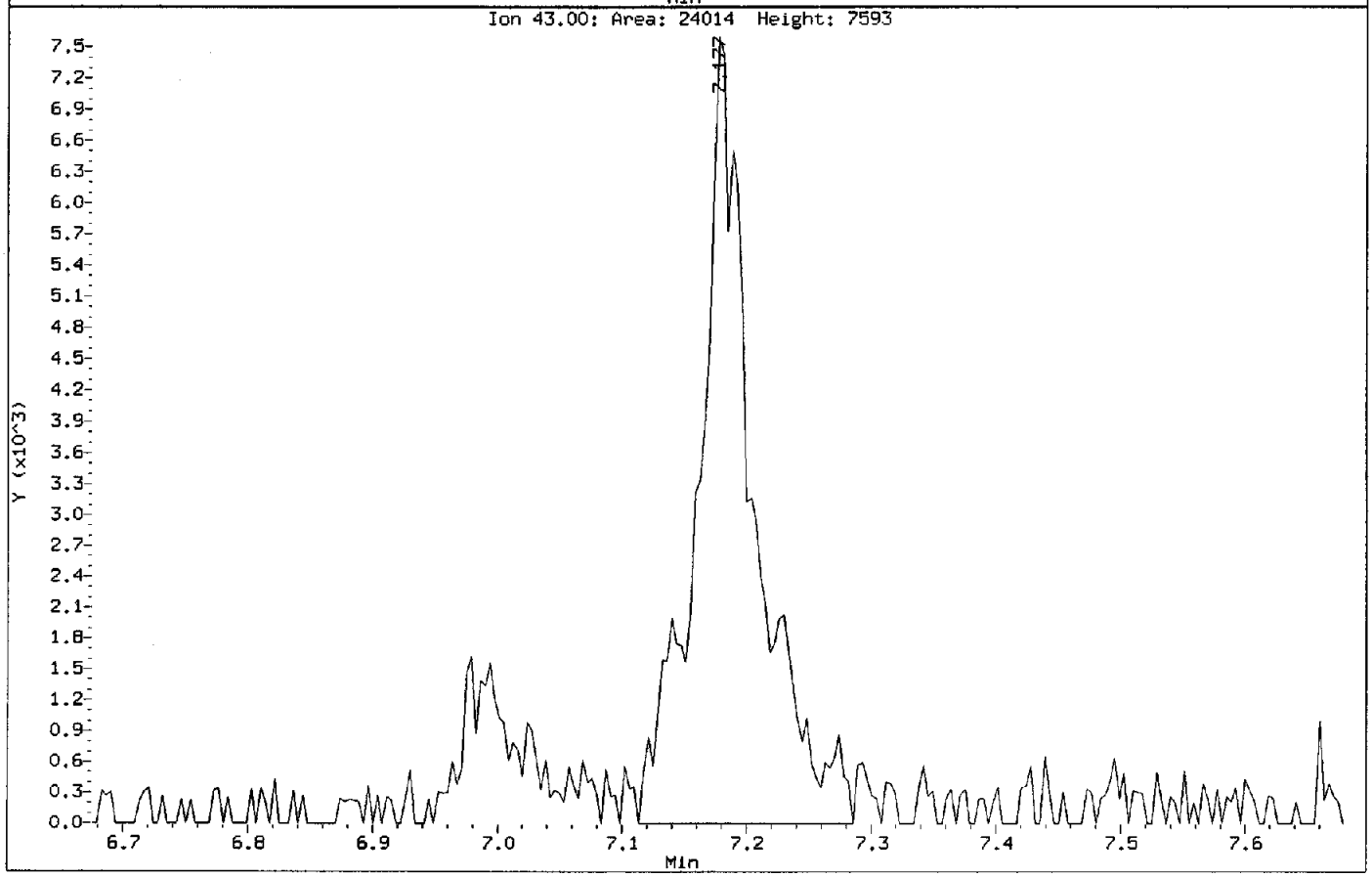
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12/18/07



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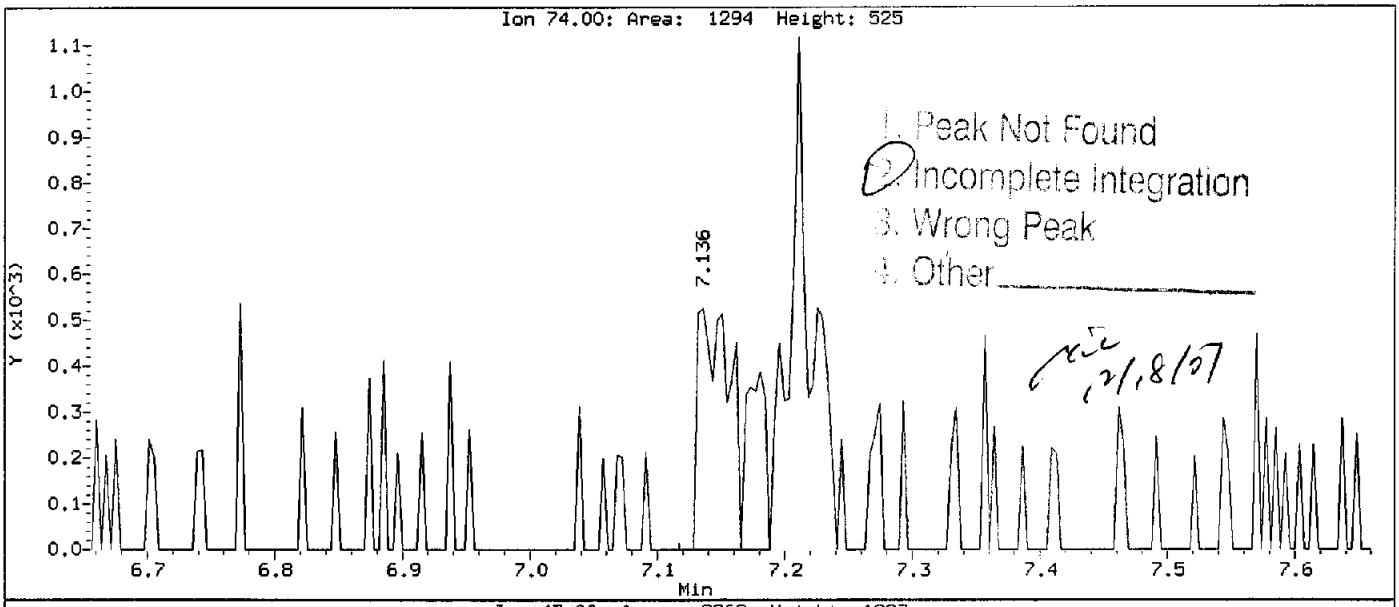
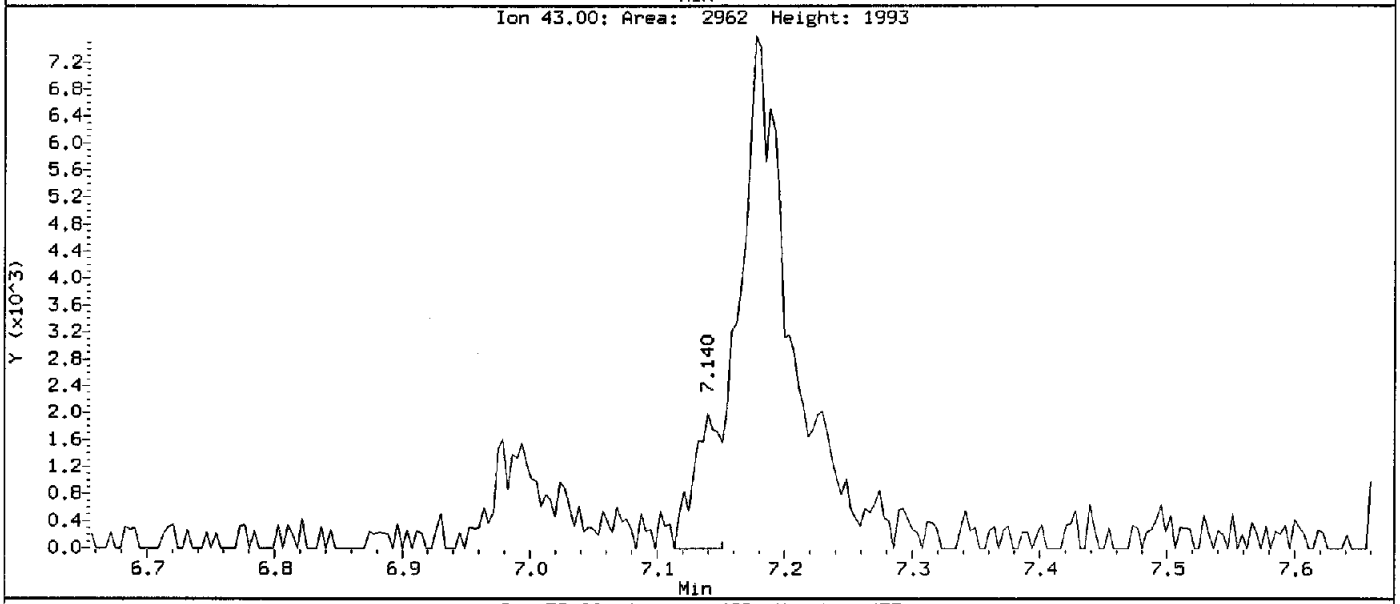
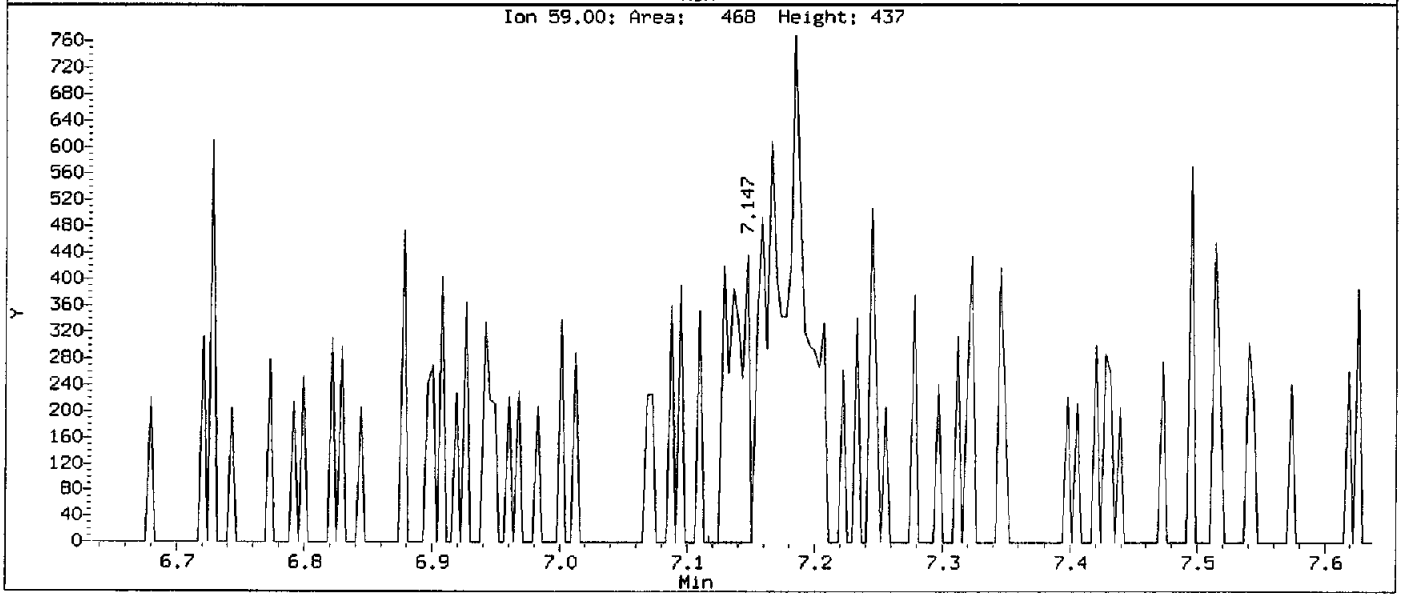
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Methyl Acetate
CAS Number:







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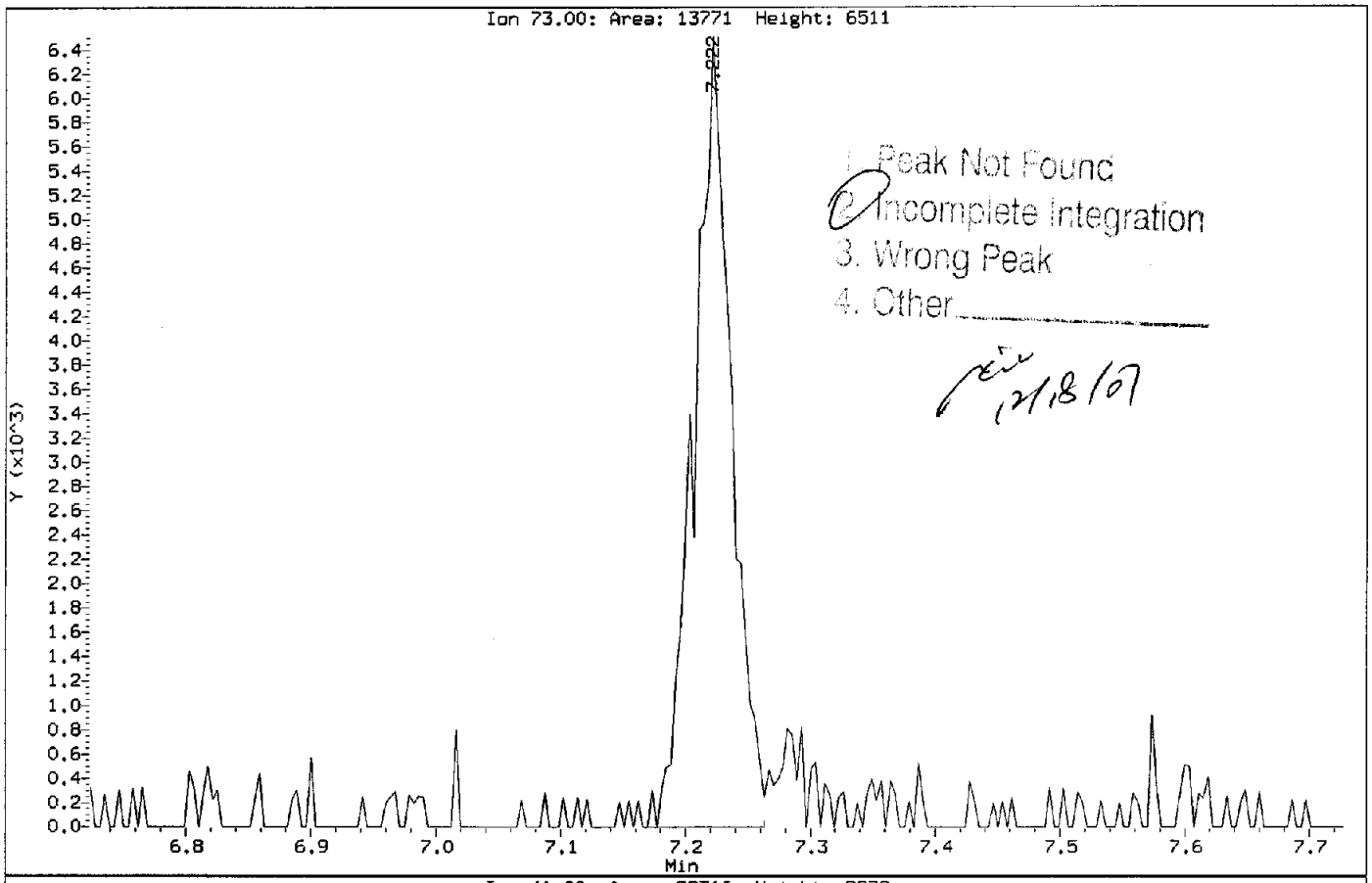
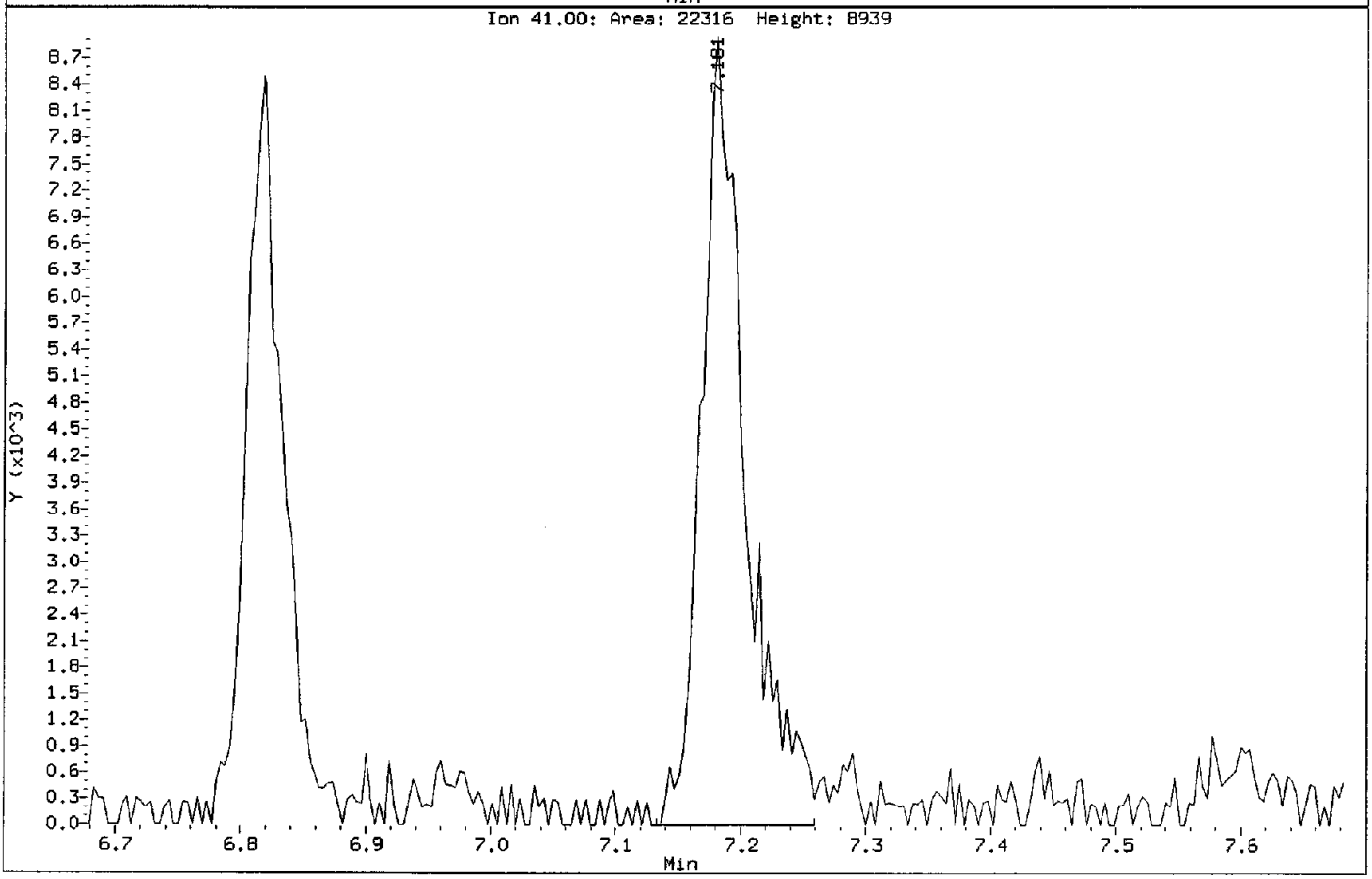
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: MTBE
CAS Number: 1634-04-4





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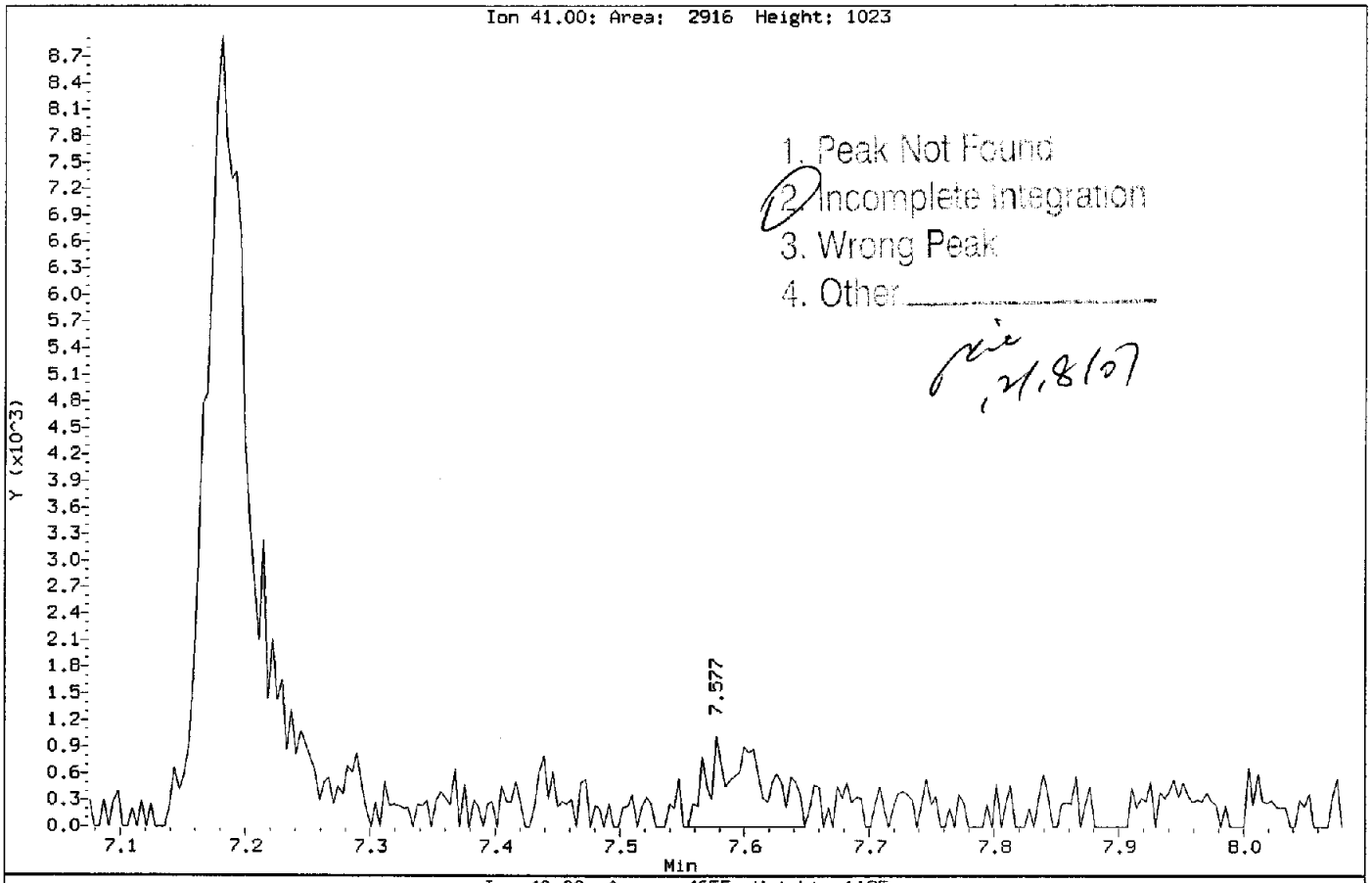
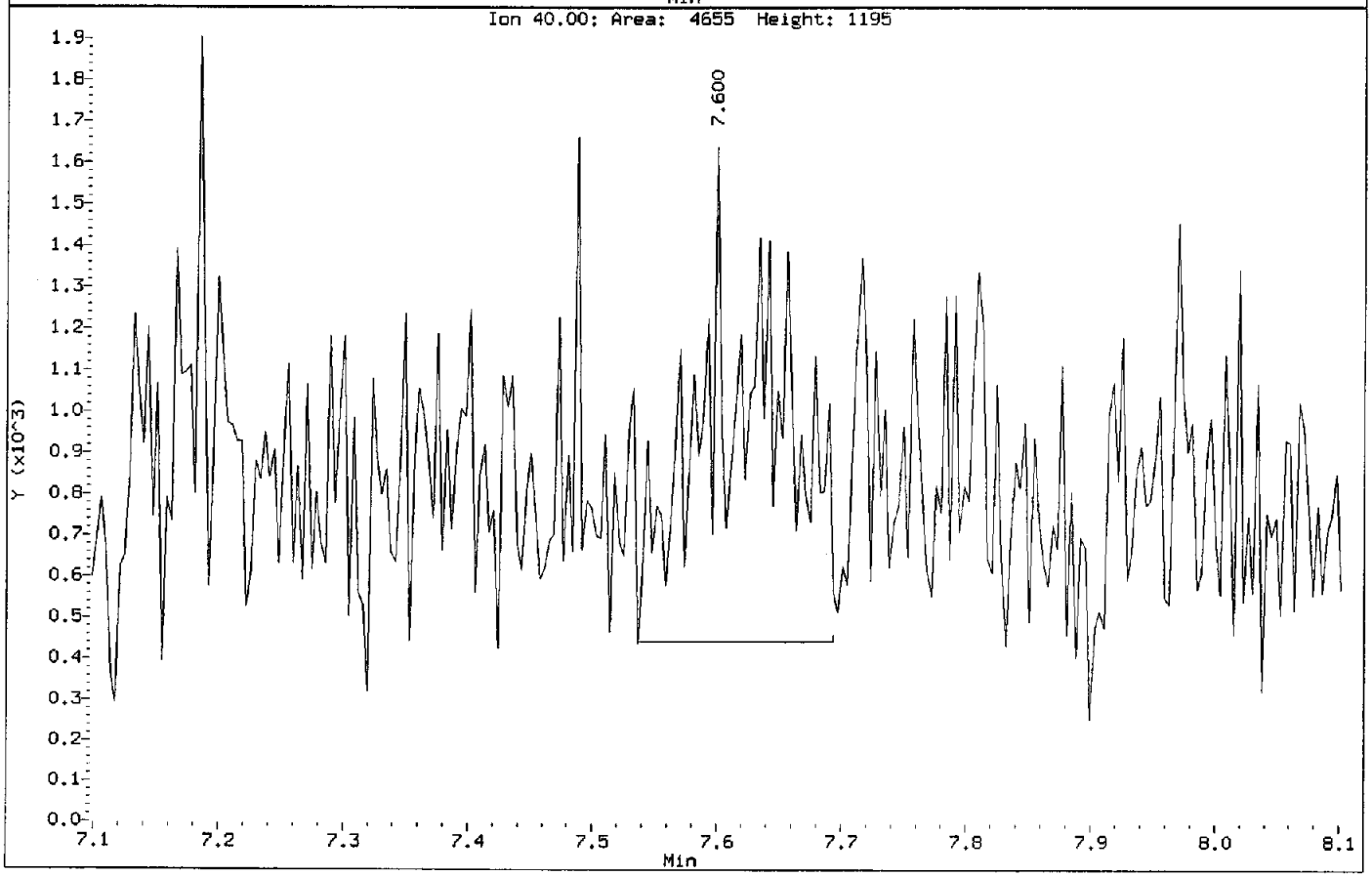
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Acetonitrile
CAS Number: 75-05-8





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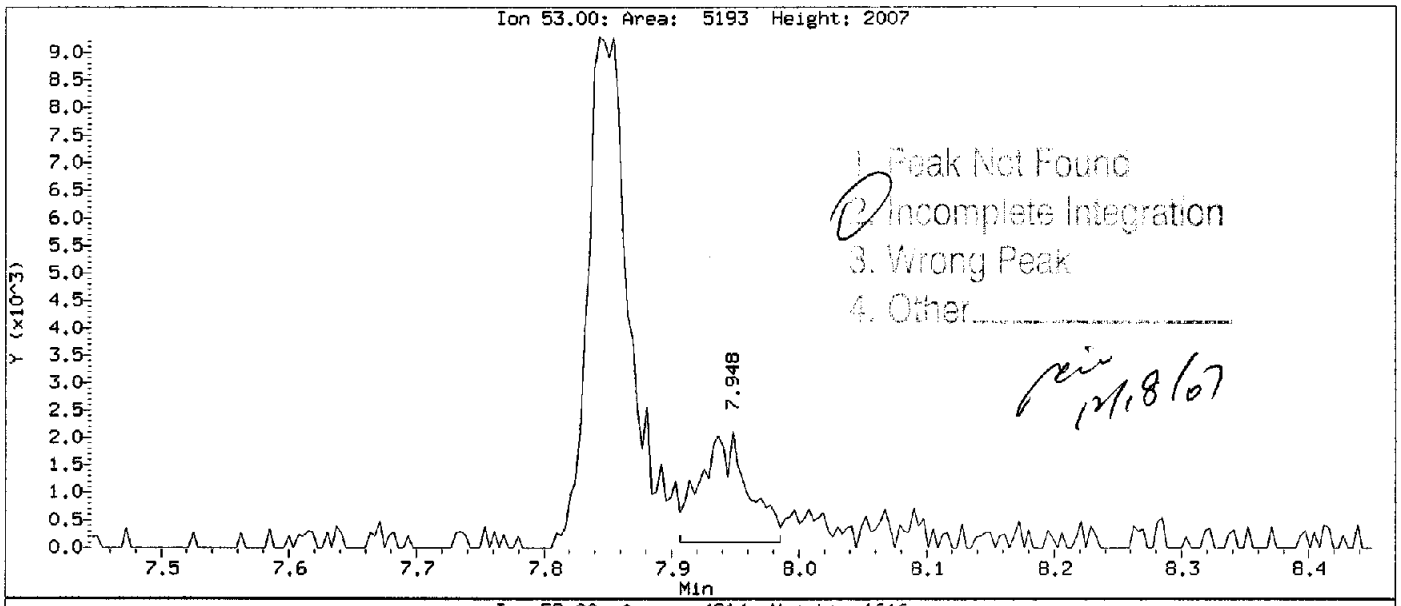
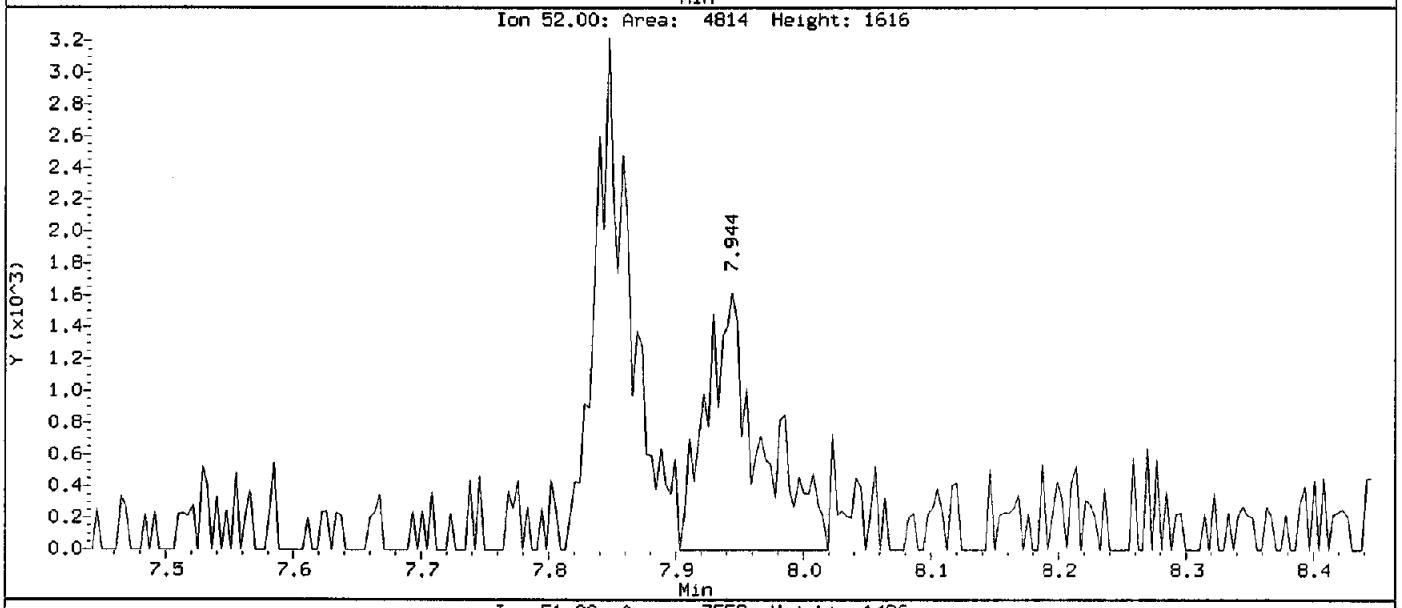
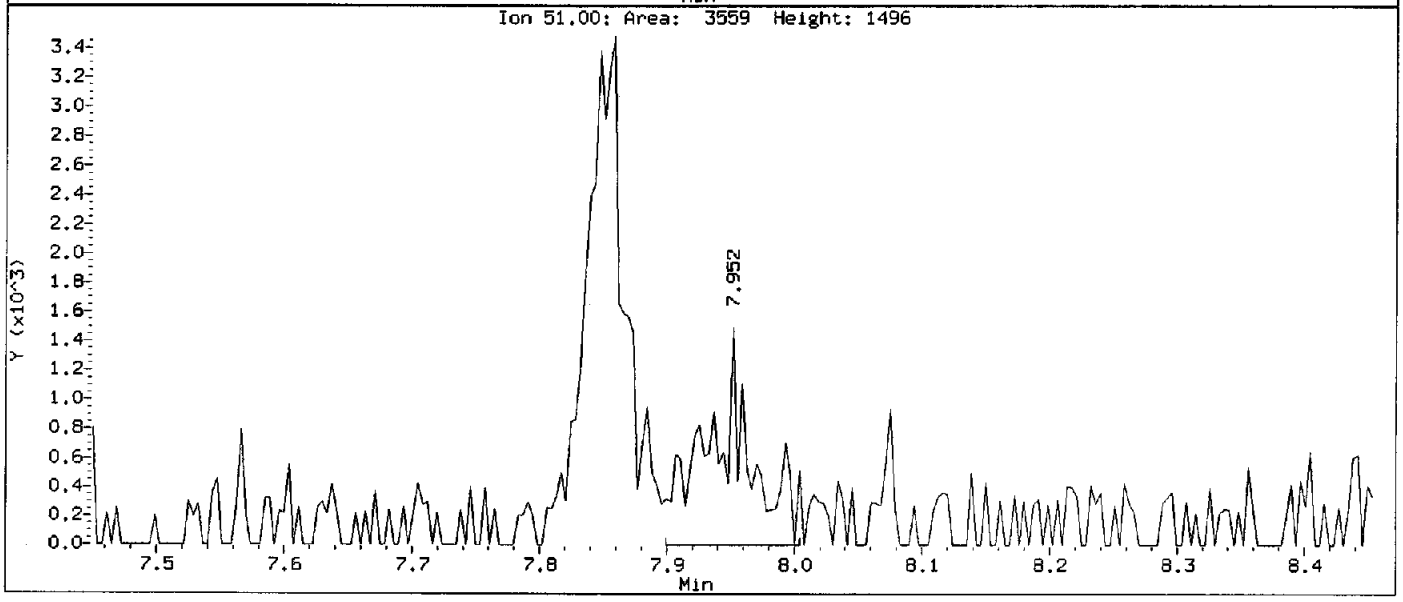
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Acrylonitrile
CAS Number: 107-13-1







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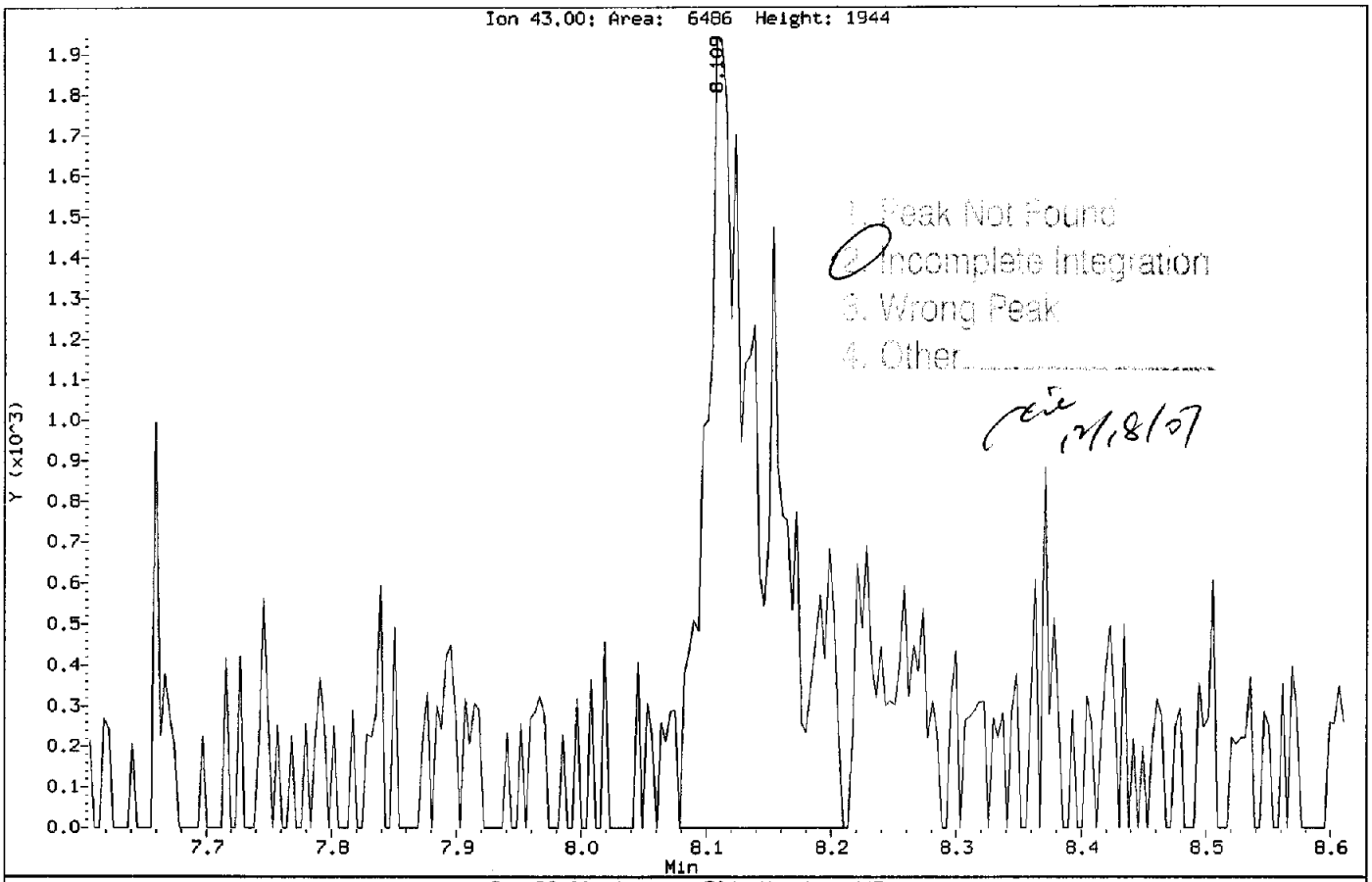
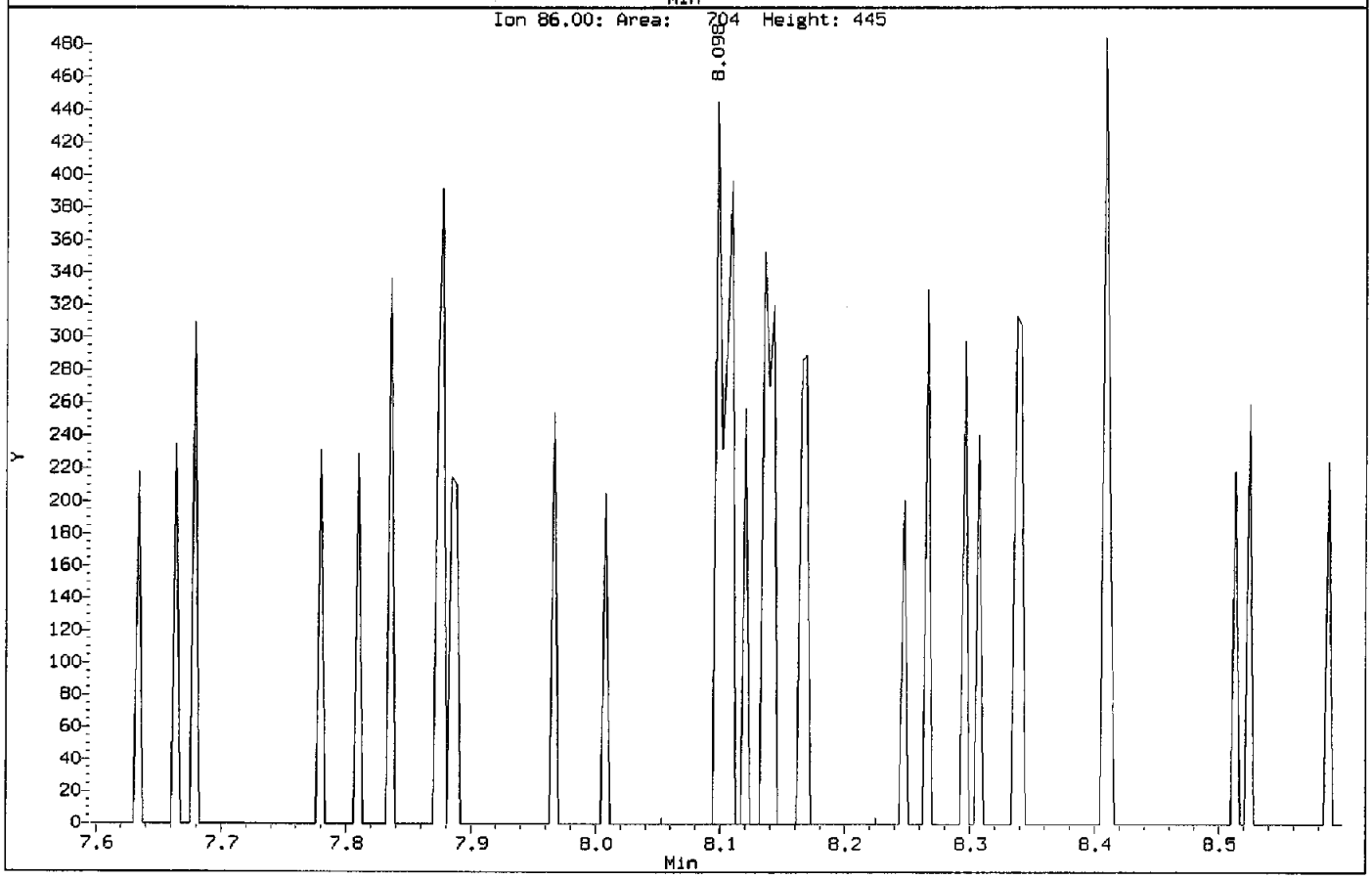
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Vinyl acetate
CAS Number: 108-05-4





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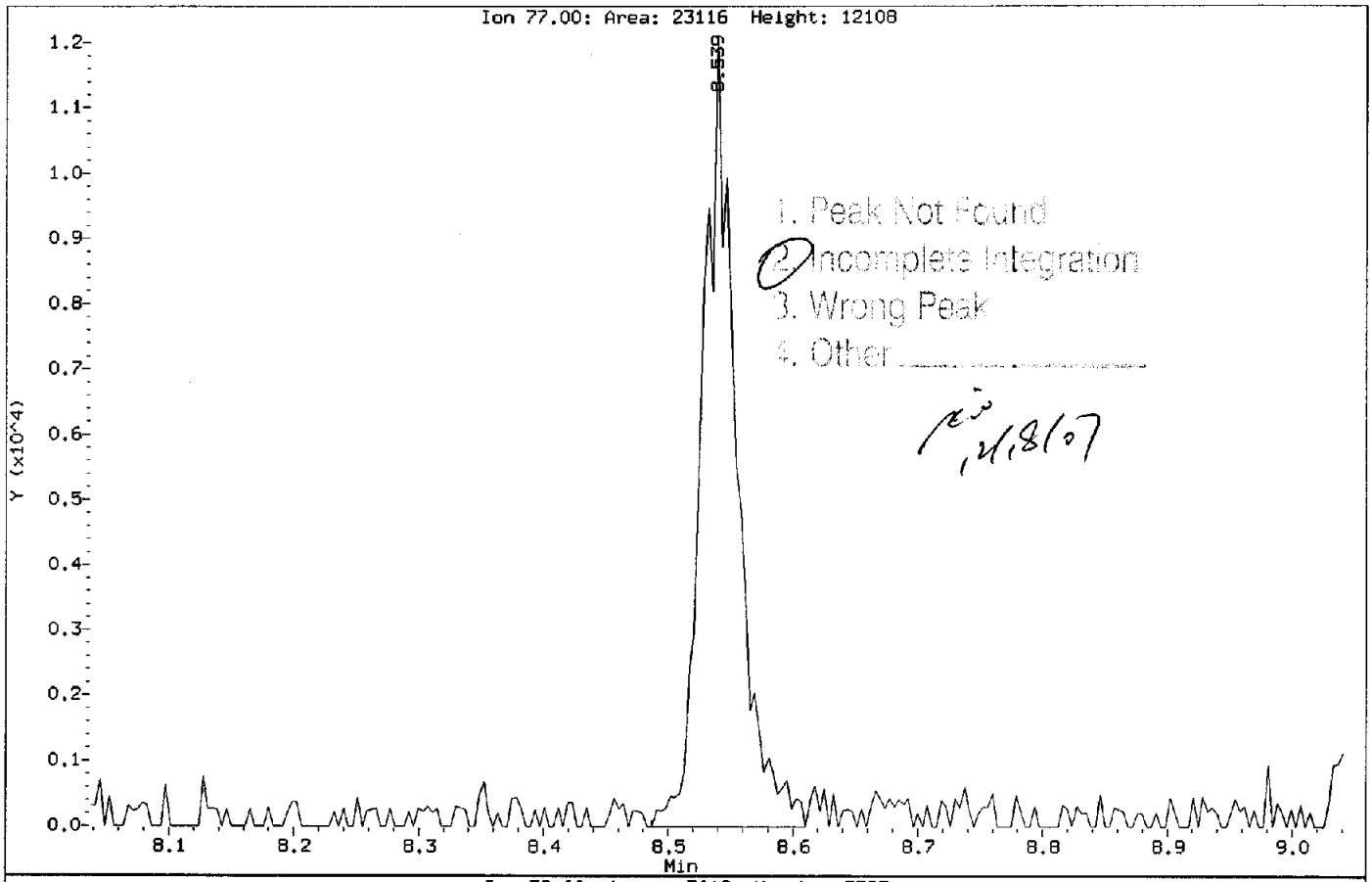
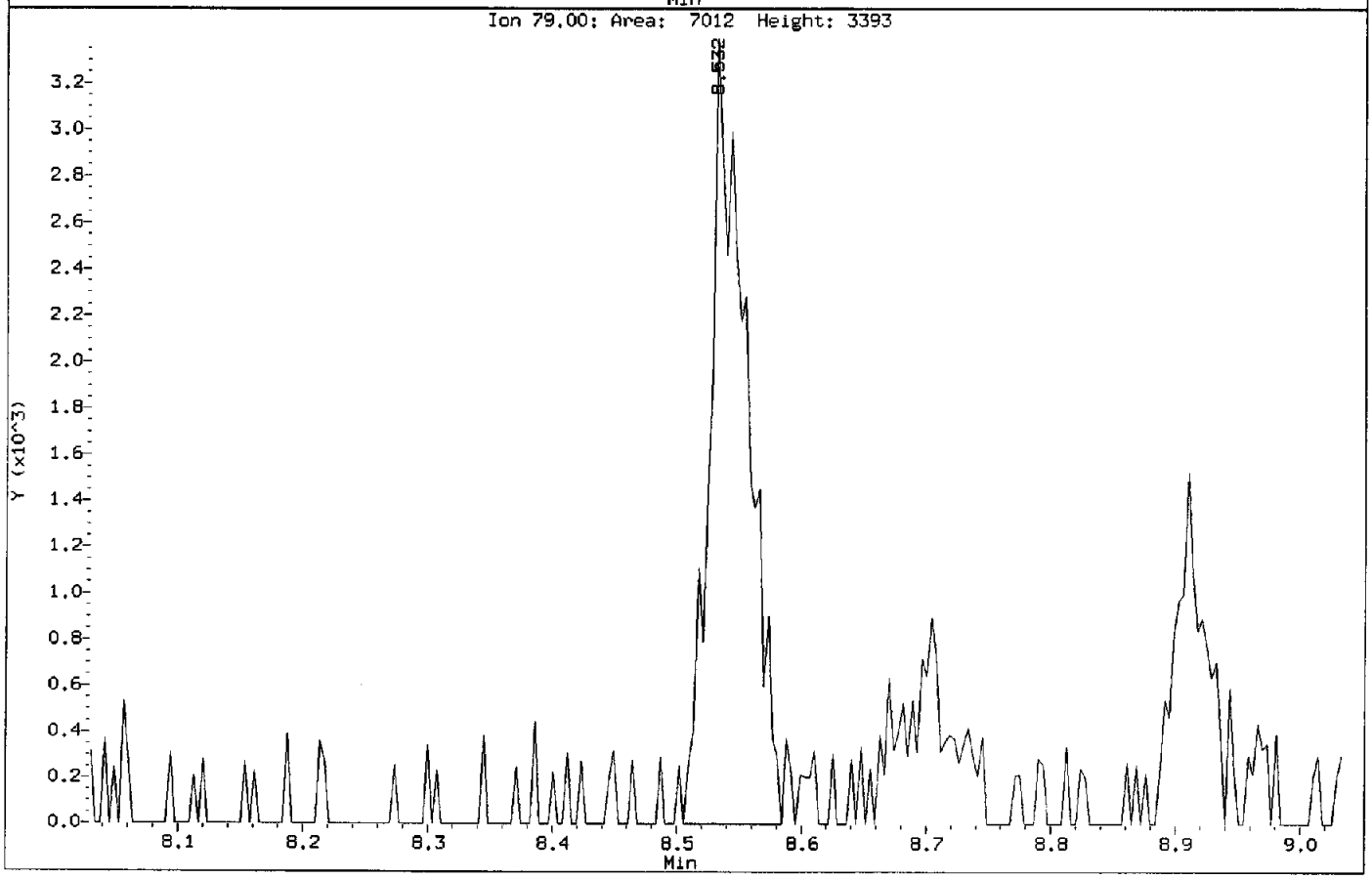
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 2,2-Dichloropropane
CAS Number: 594-20-7





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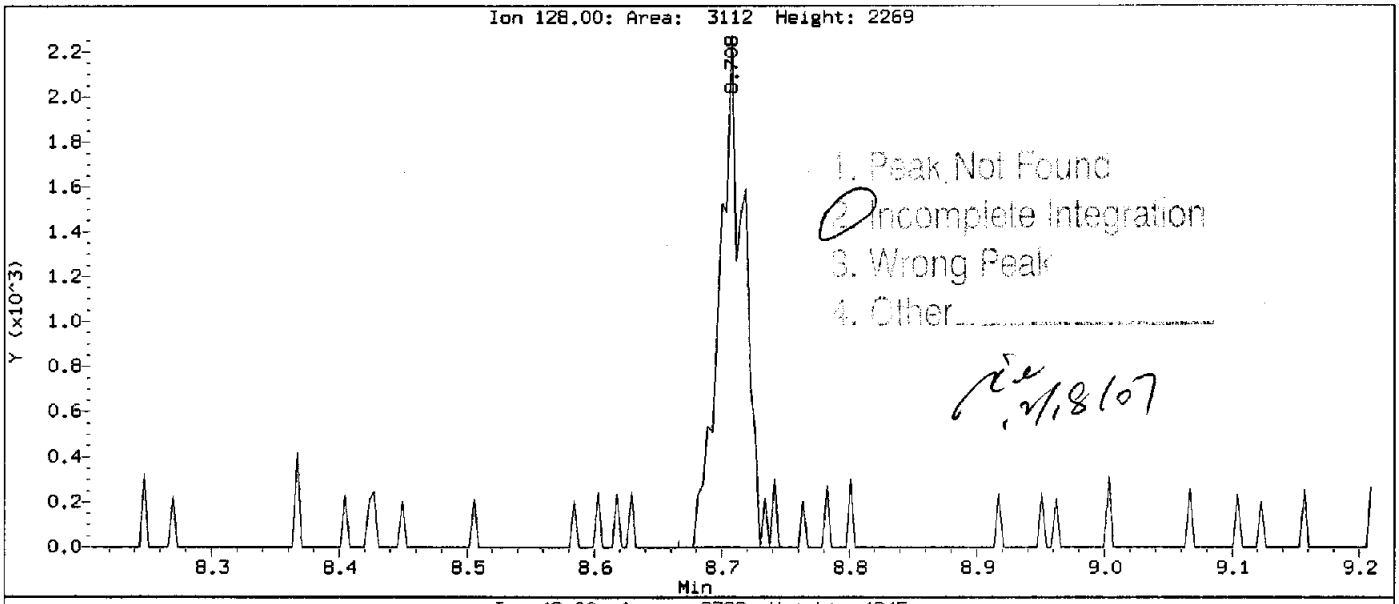
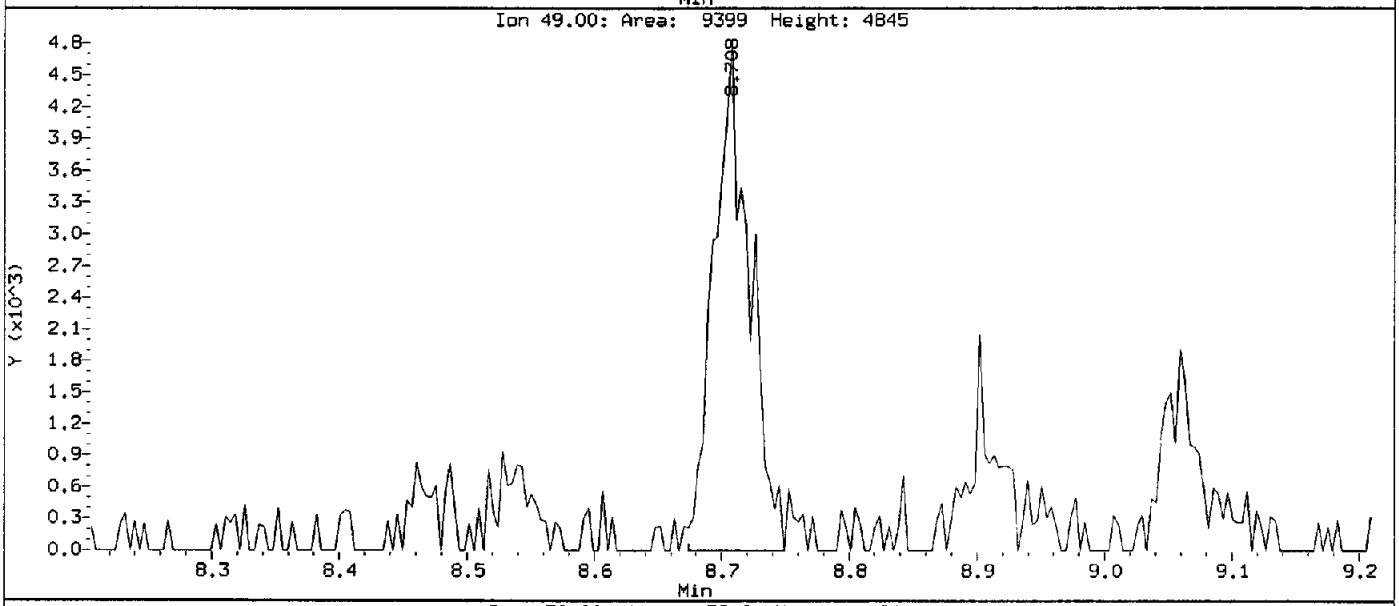
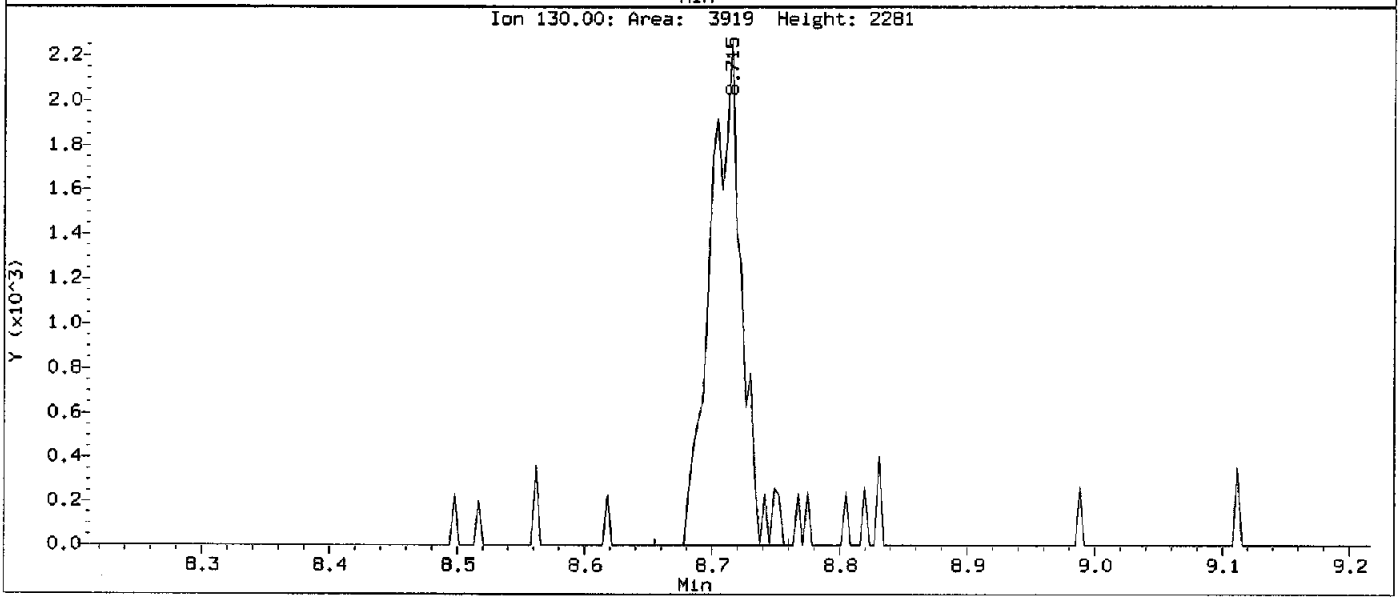
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Bromochloromethane
CAS Number: 74-97-5







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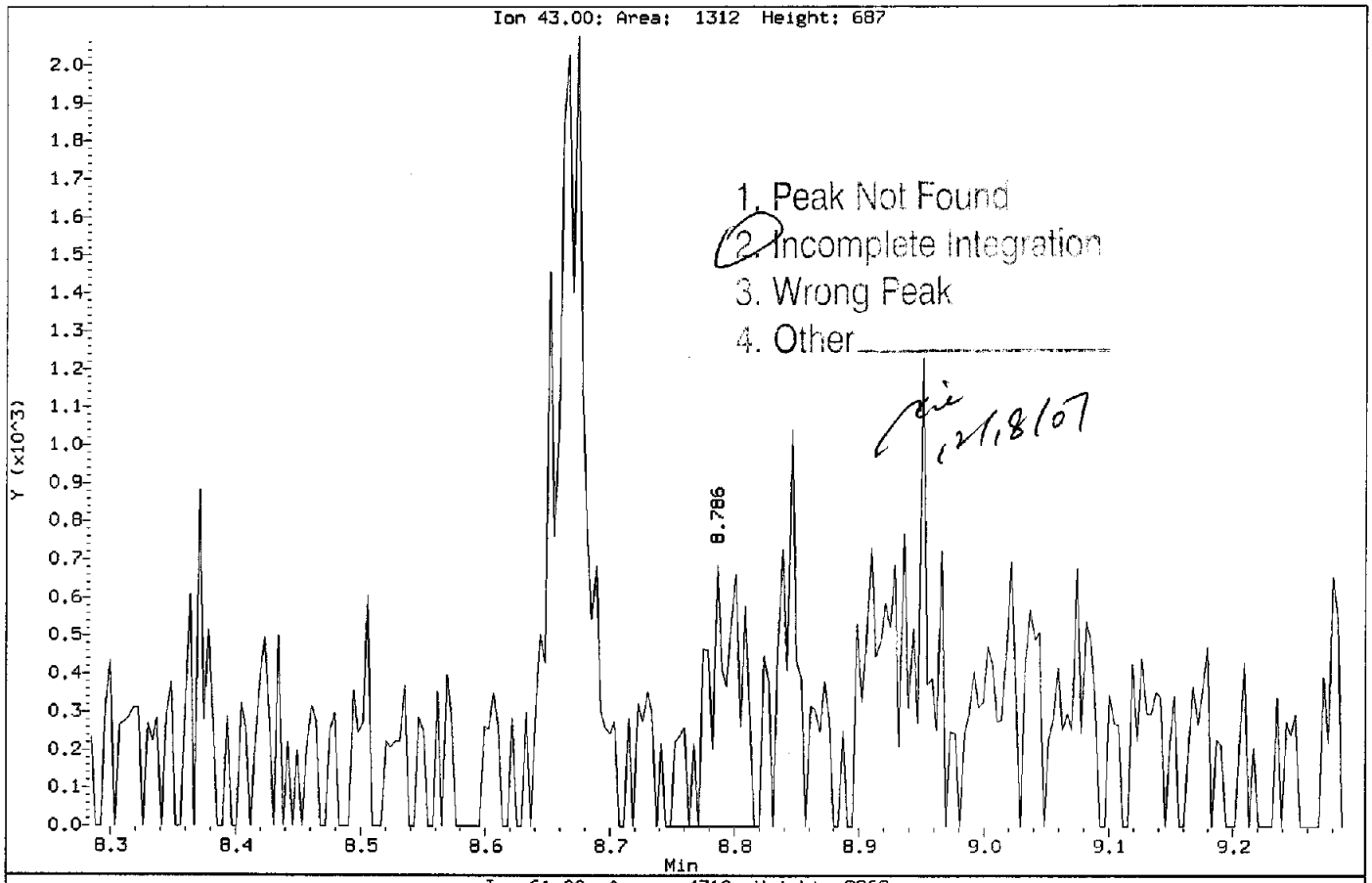
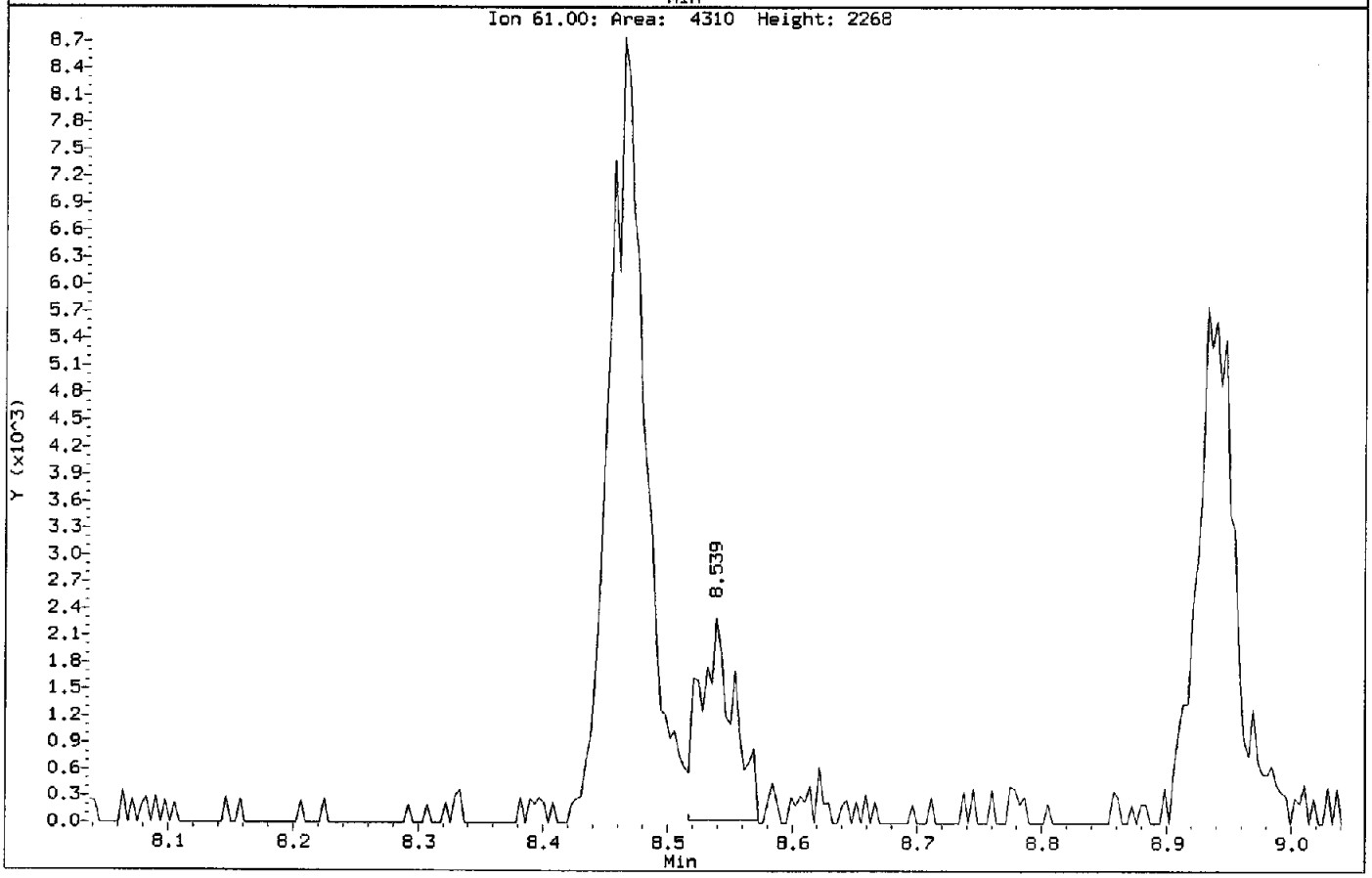
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Ethyl acetate
CAS Number: 141-78-6





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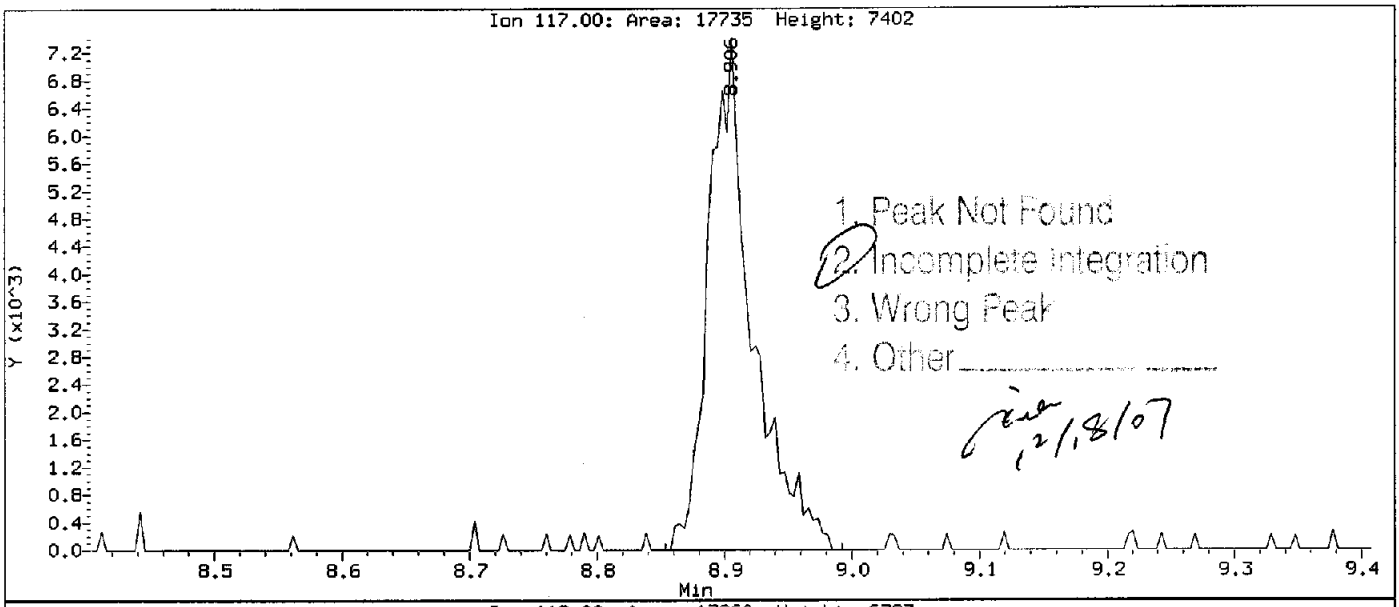
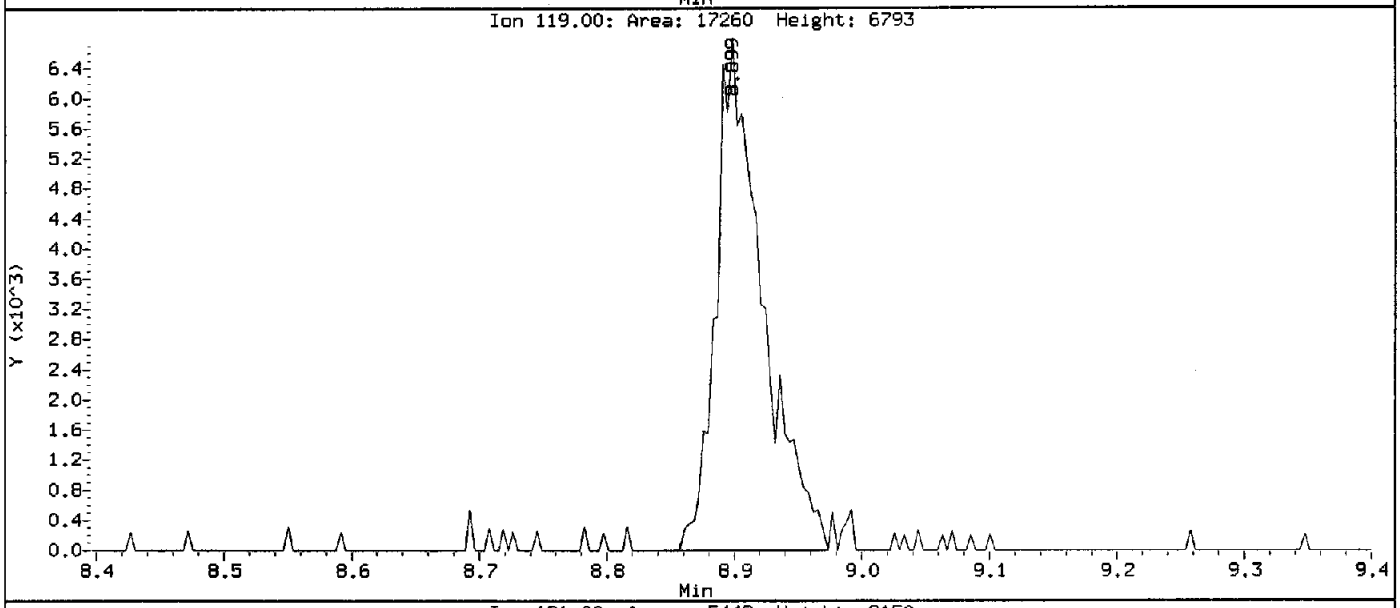
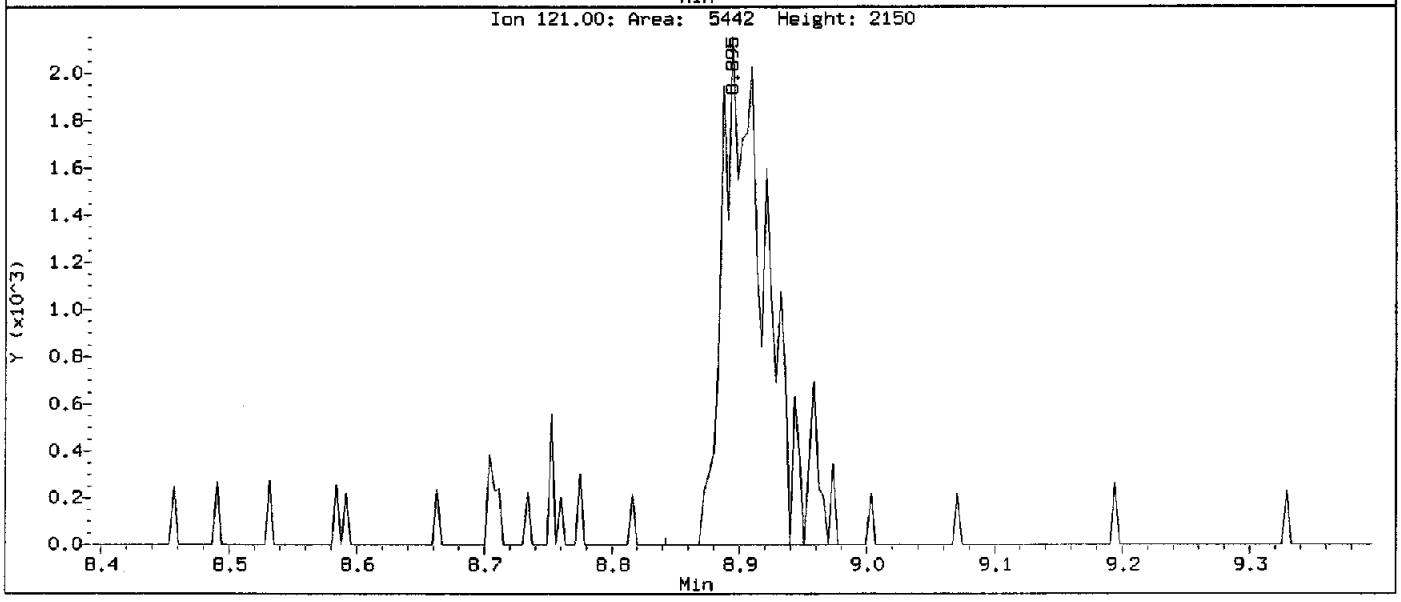
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Carbon Tetrachloride
CAS Number: 56-23-5







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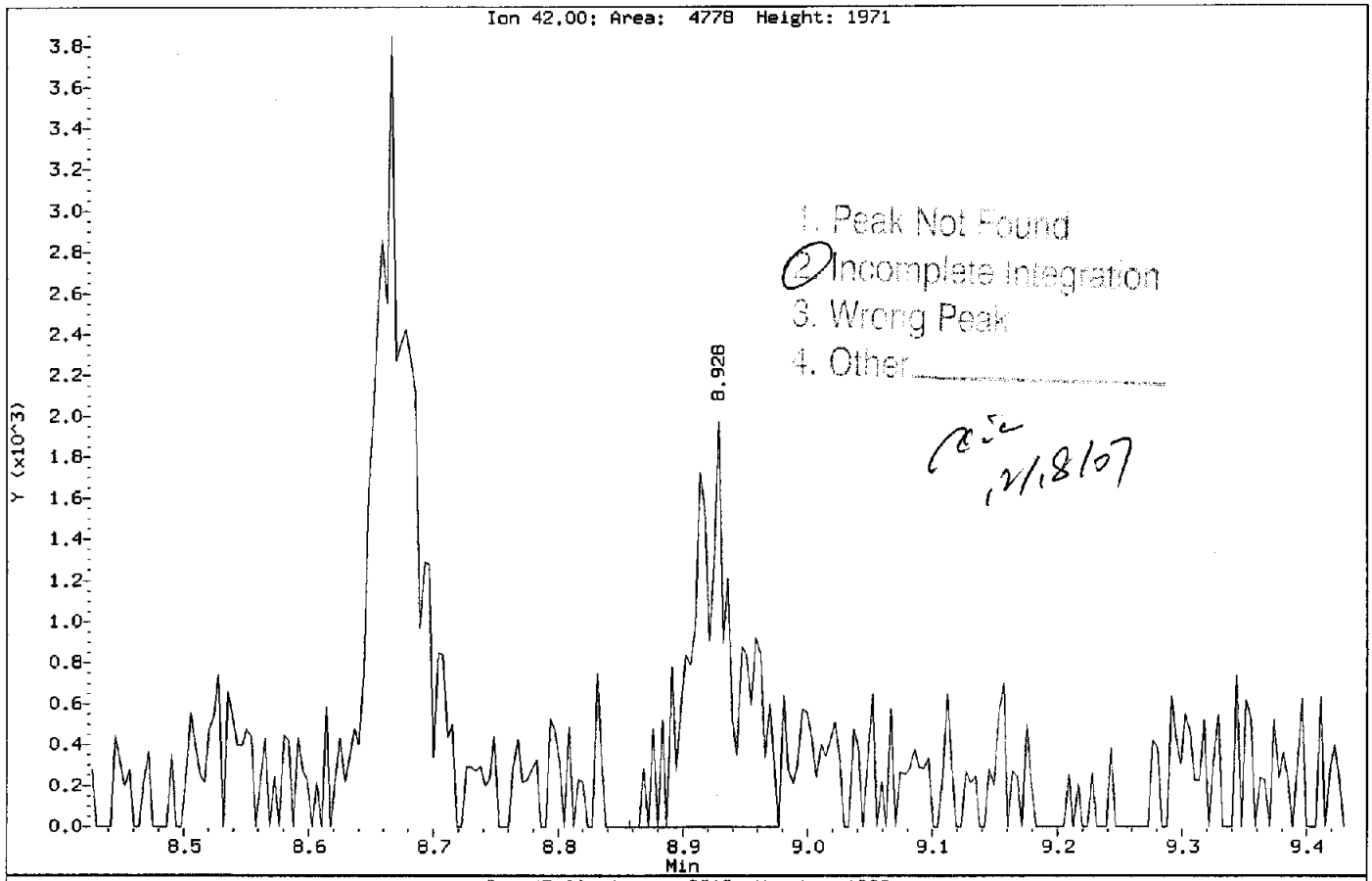
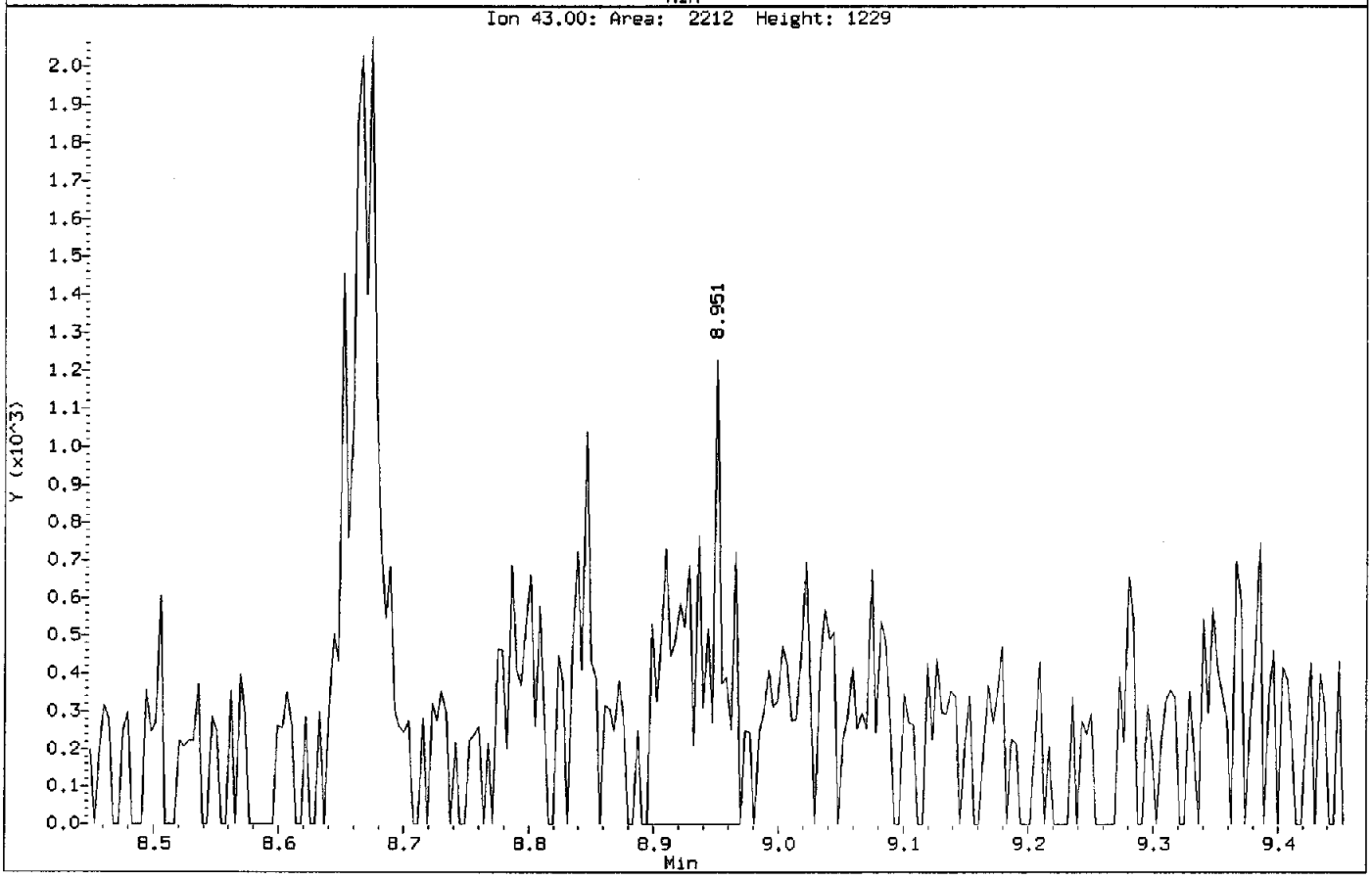
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

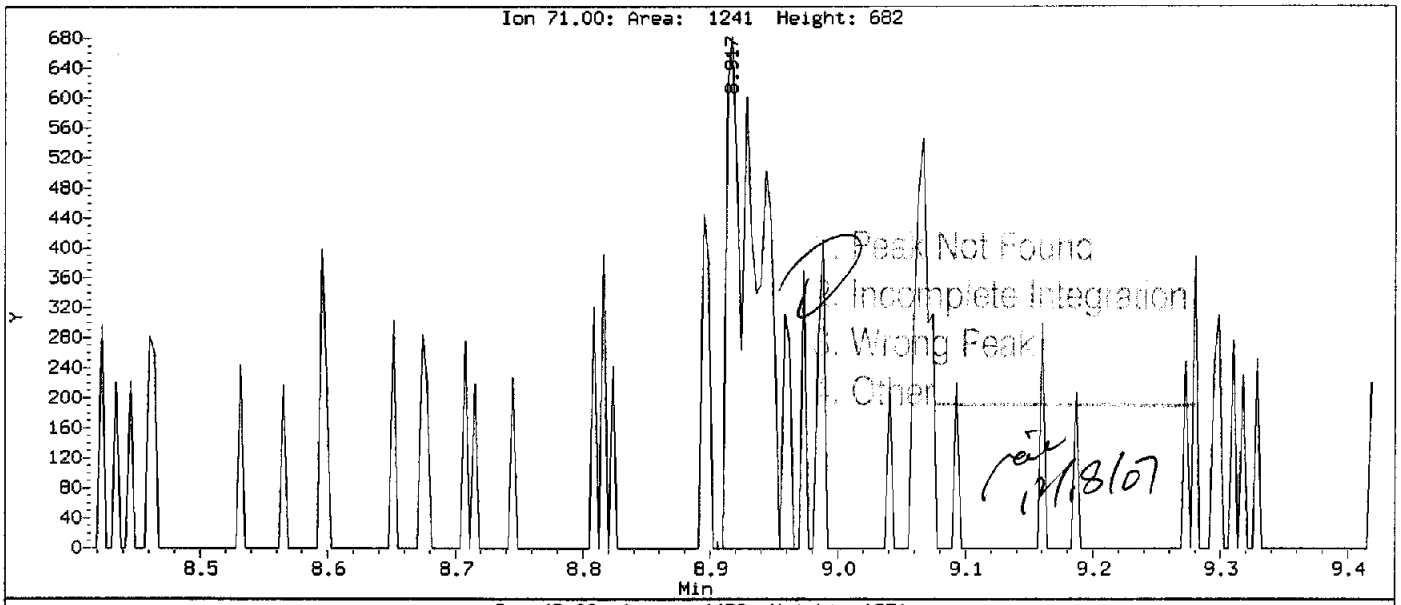
Compound: Isobutanol
CAS Number: 78-83-1

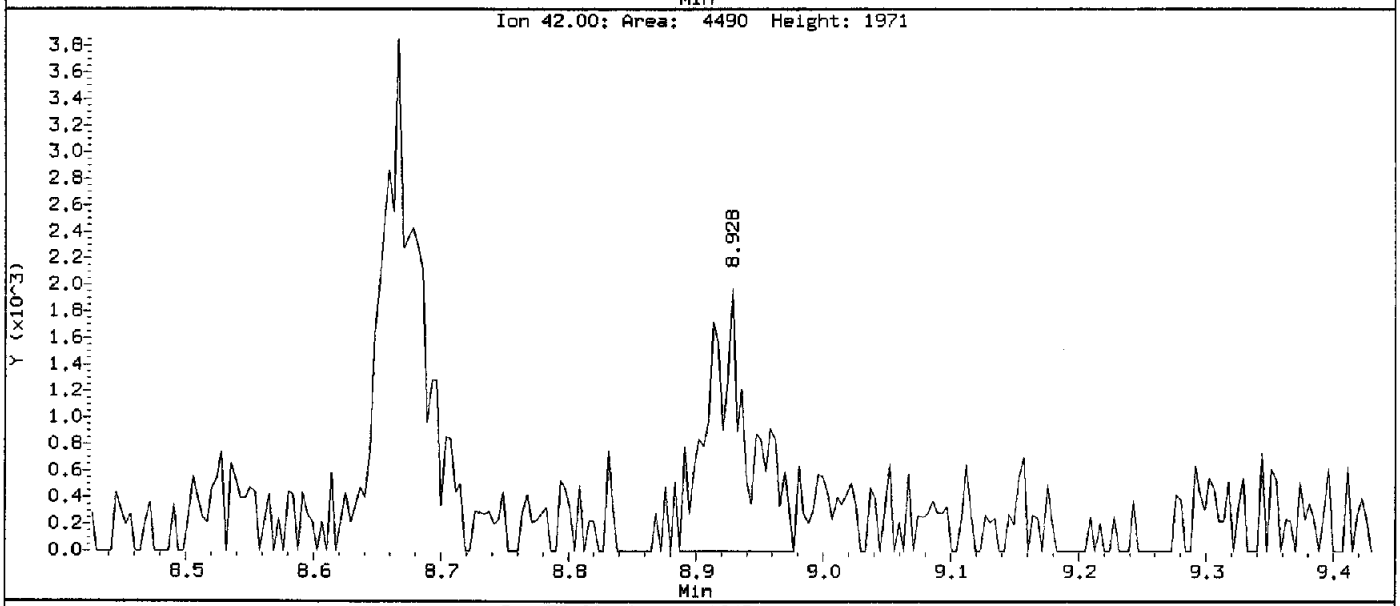


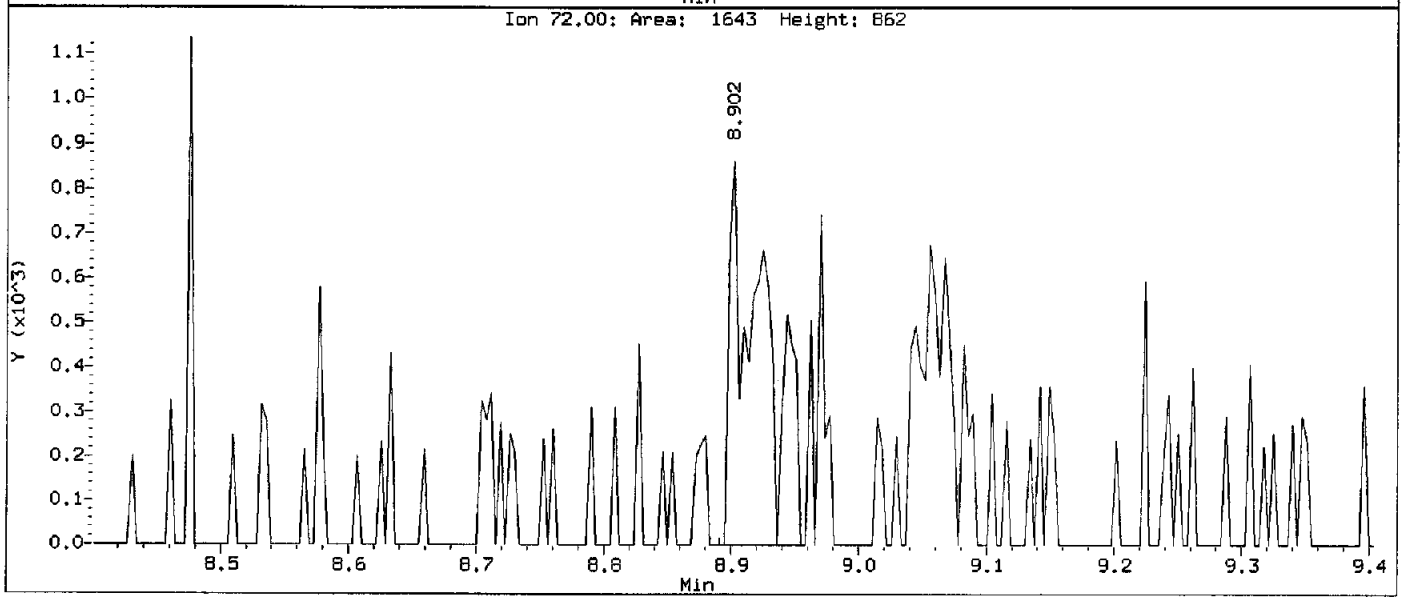


Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Tetrahydrofuran
CAS Number: 109-99-9

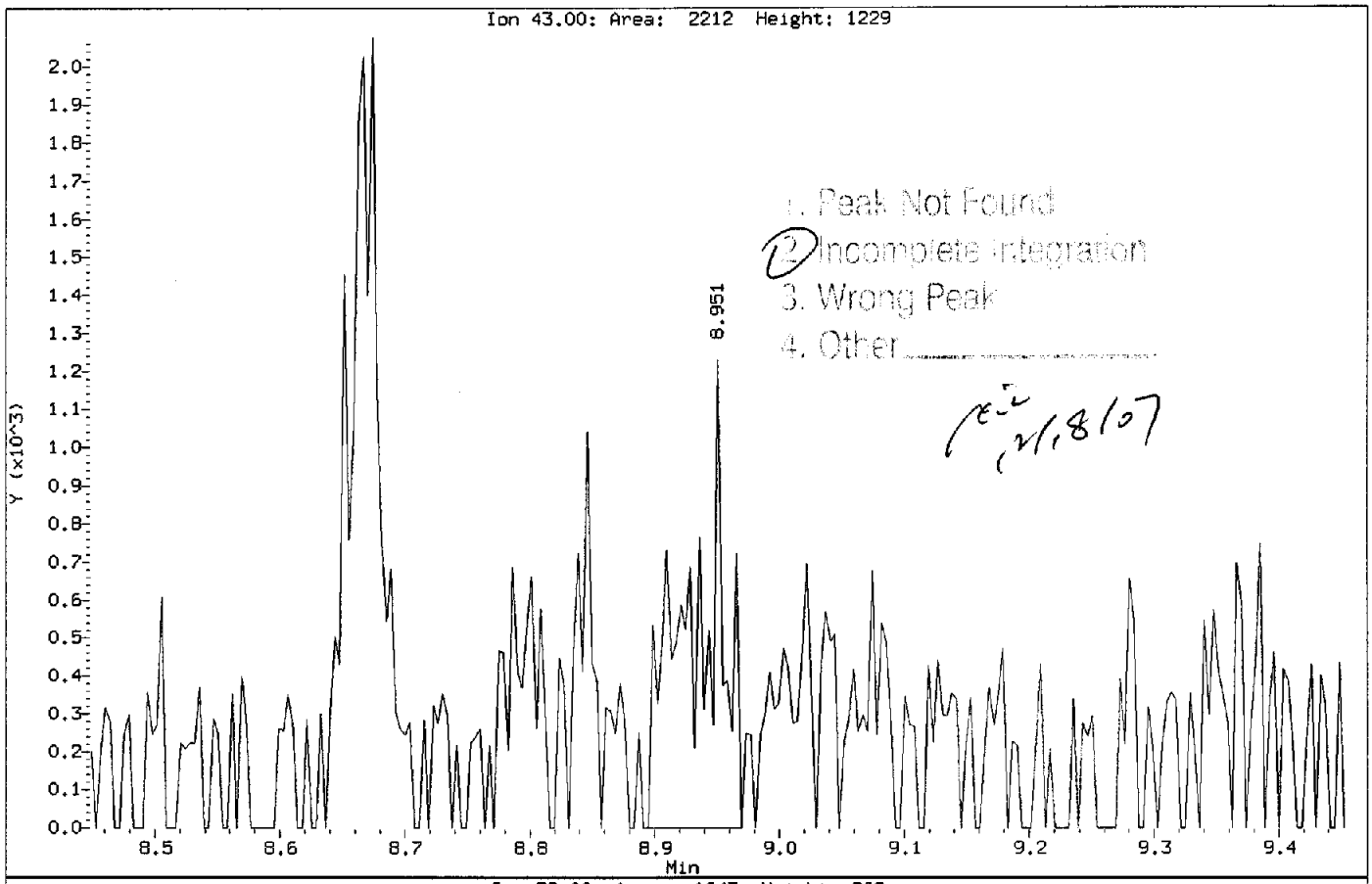


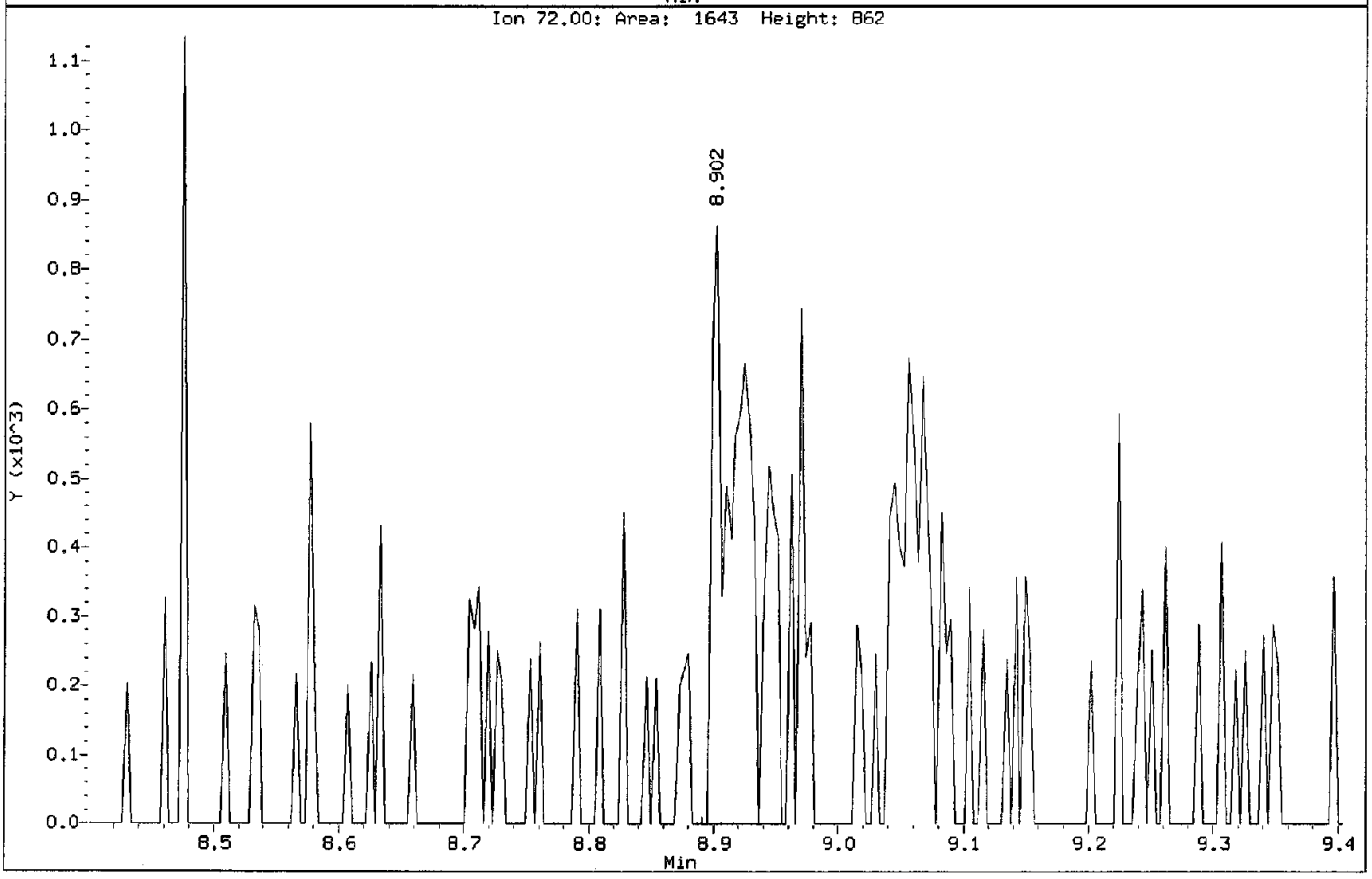




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

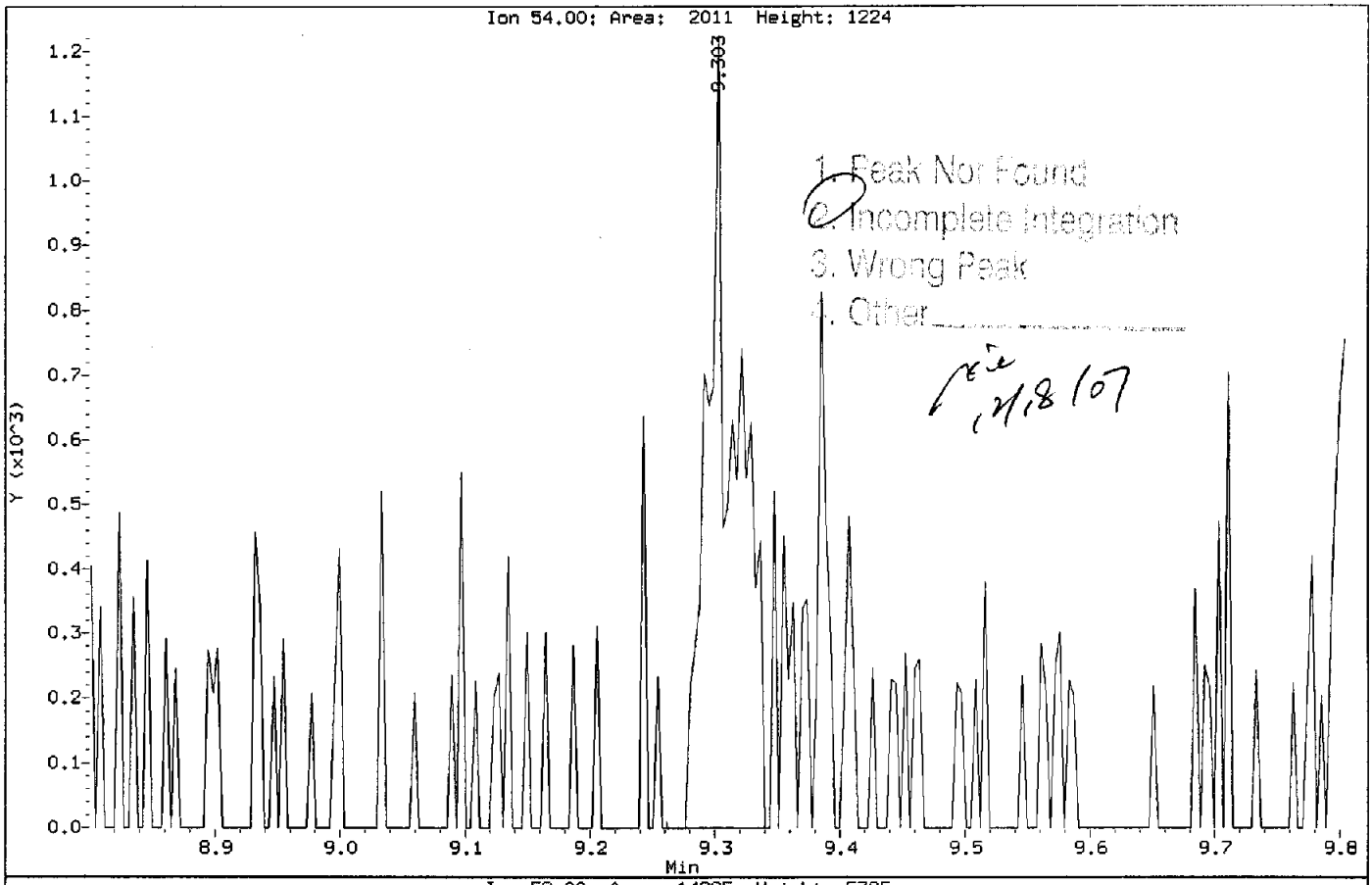
Compound: 2-Butanone
CAS Number: 78-93-3

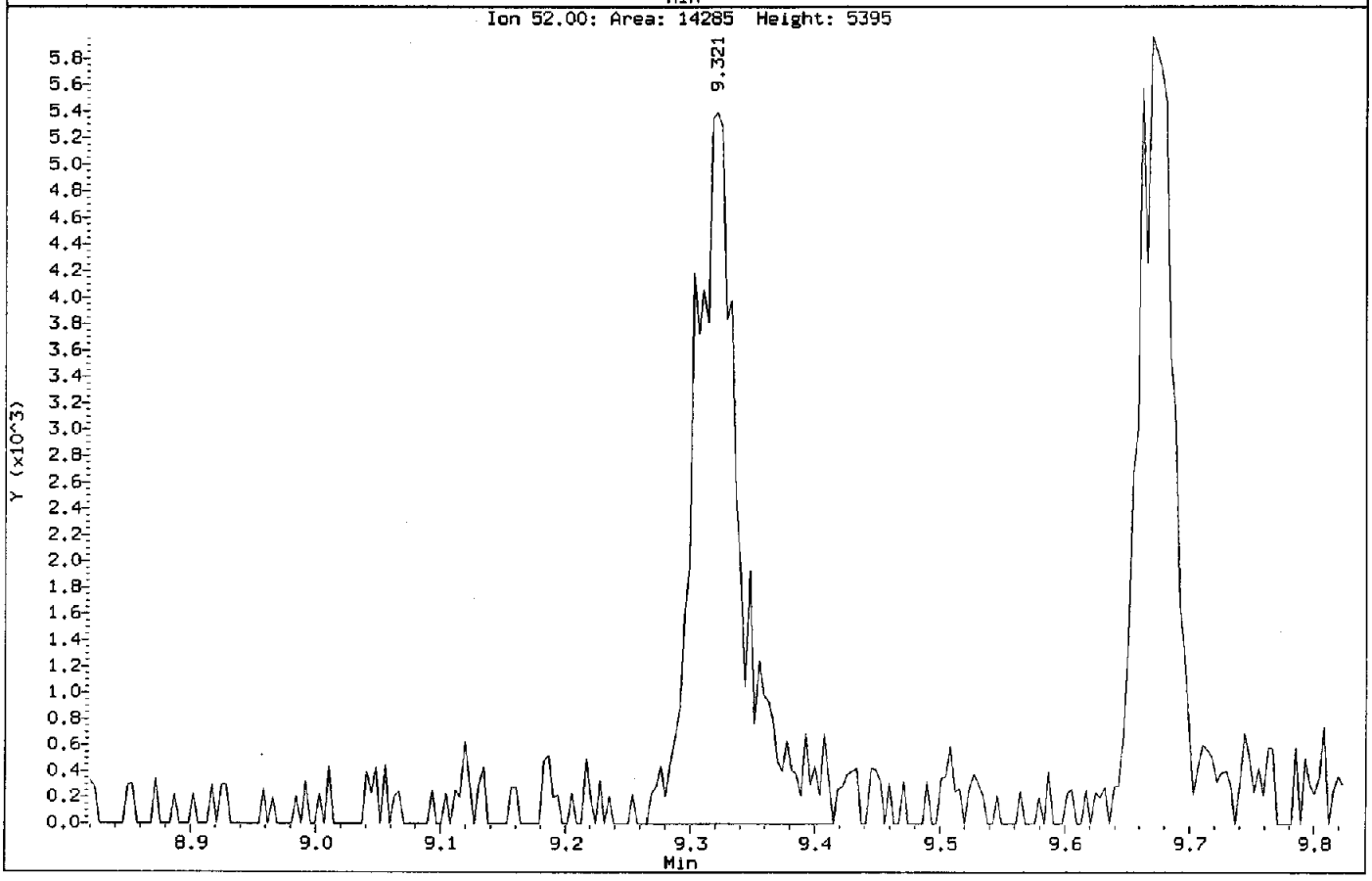




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Propionitrile
CAS Number: 107-12-0





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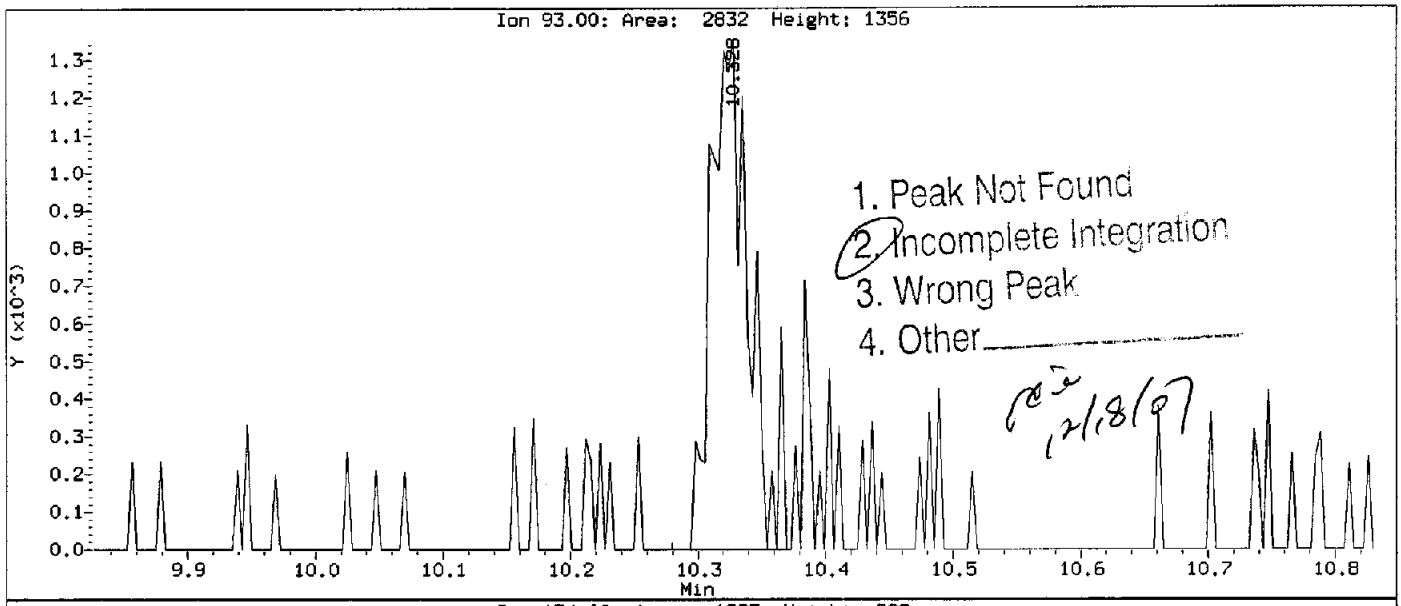
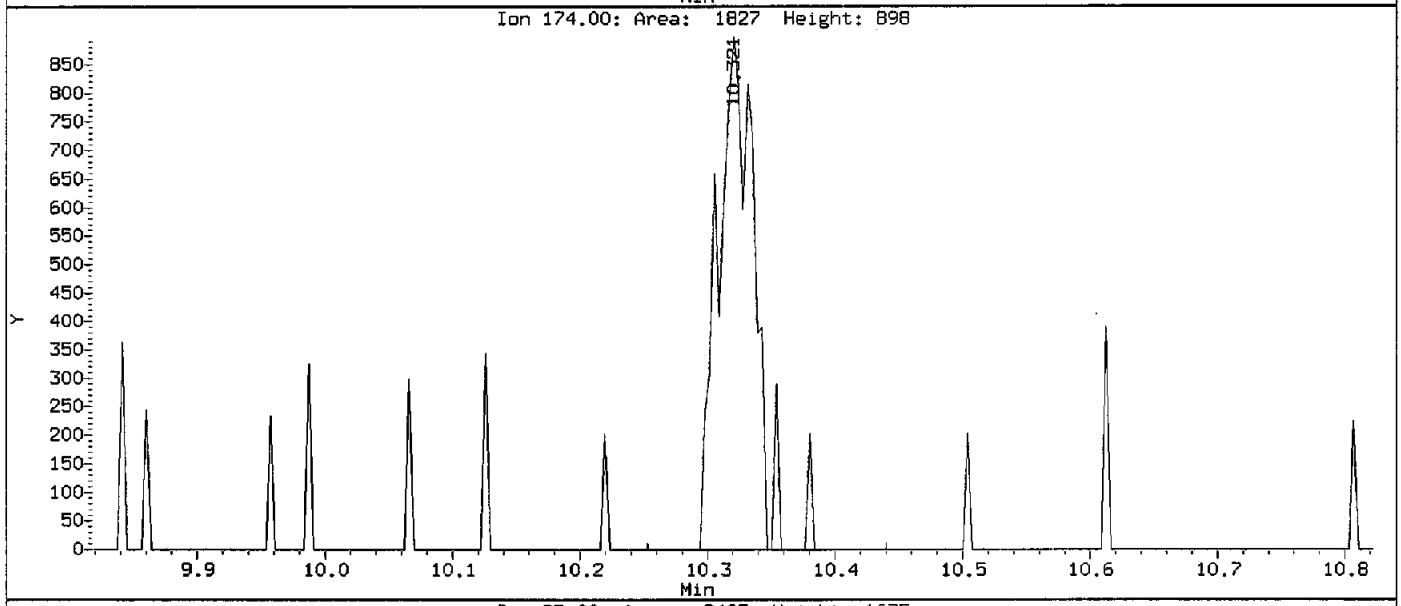
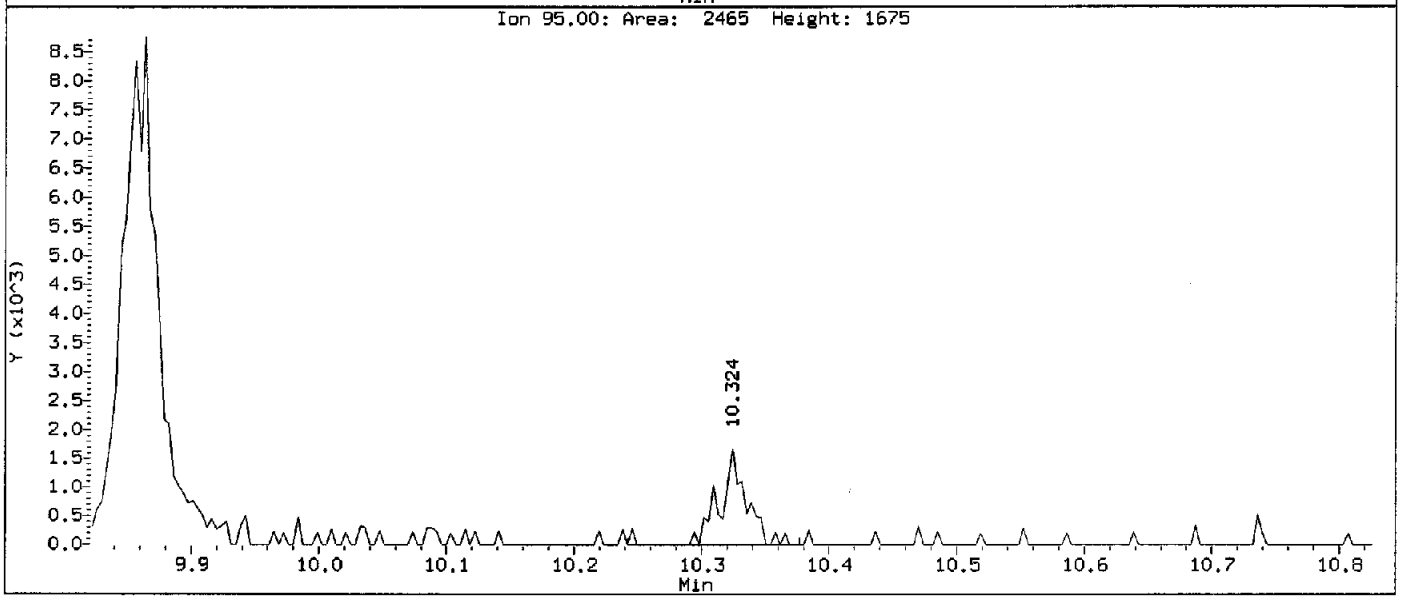
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Dibromomethane
CAS Number: 75-95-3







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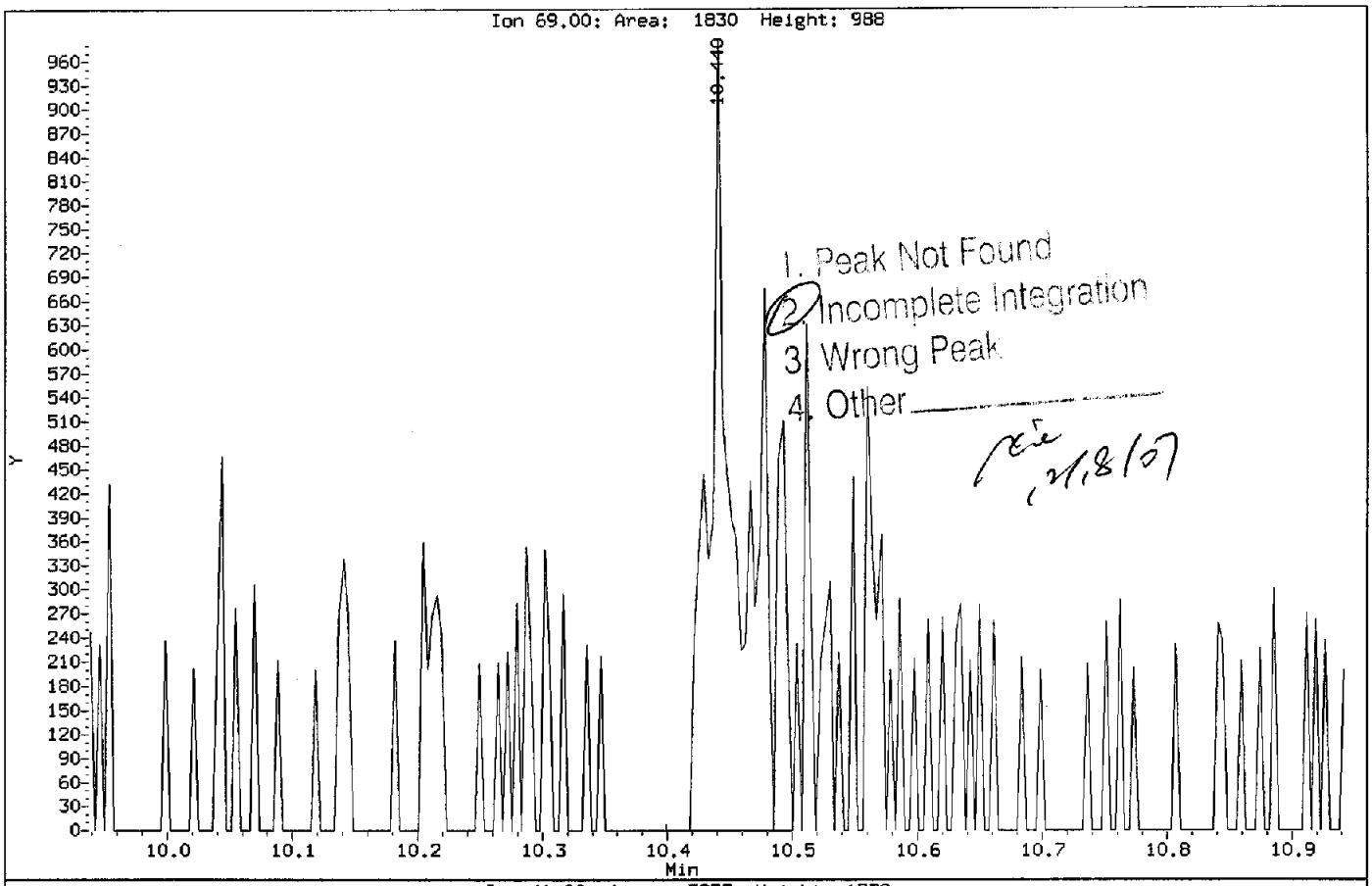
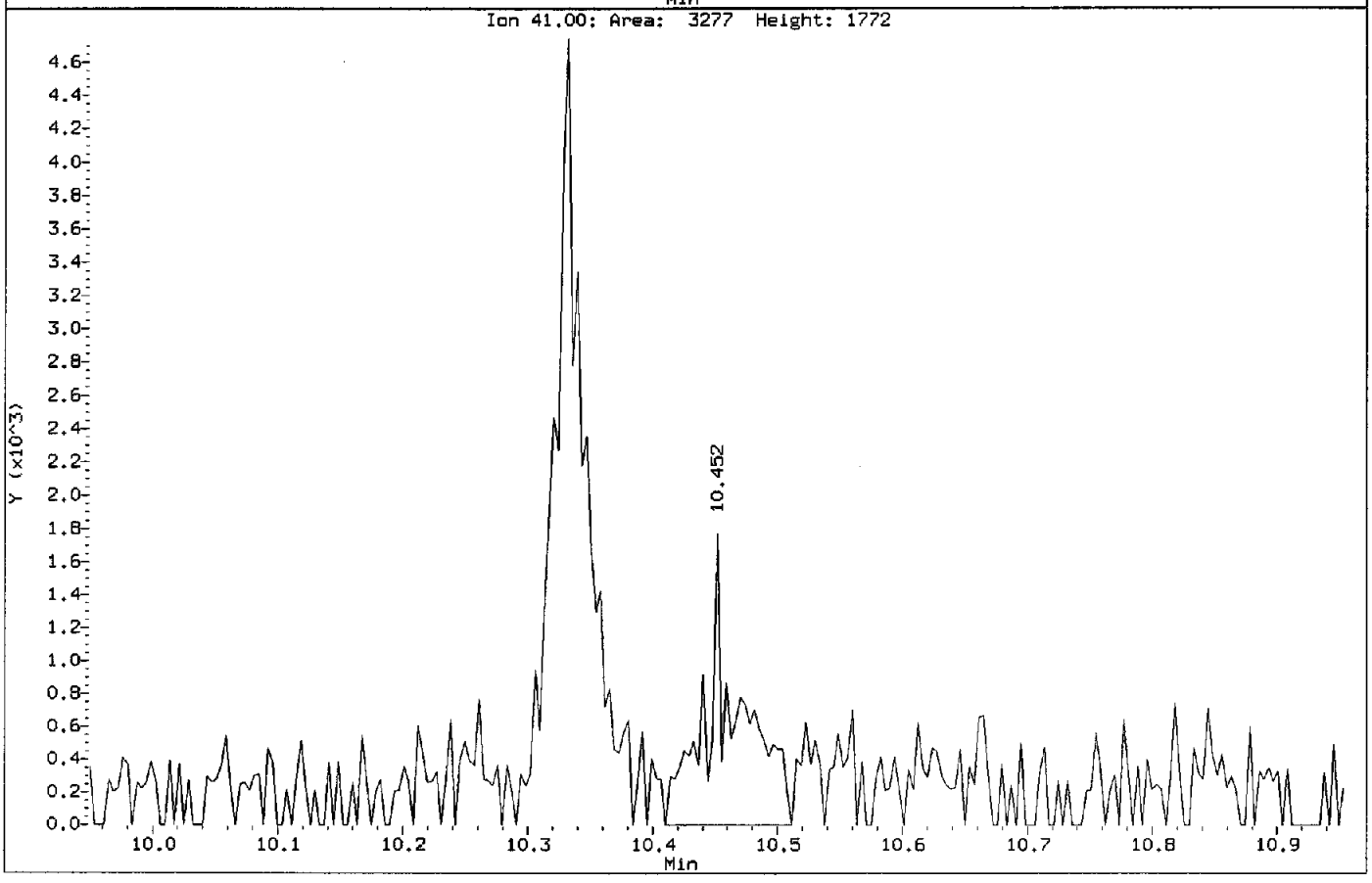
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Methyl methacrylate
CAS Number: 80-62-6





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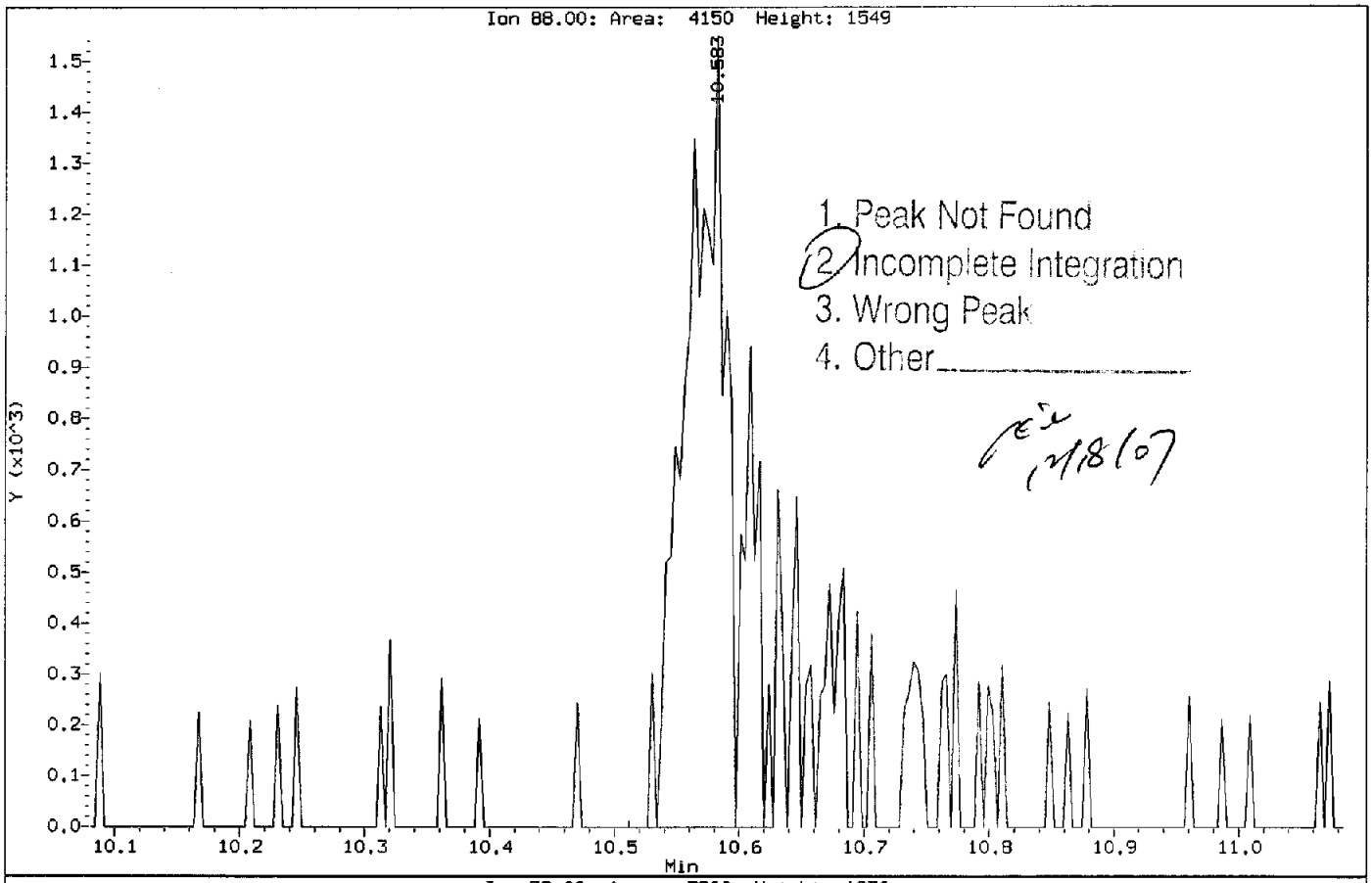
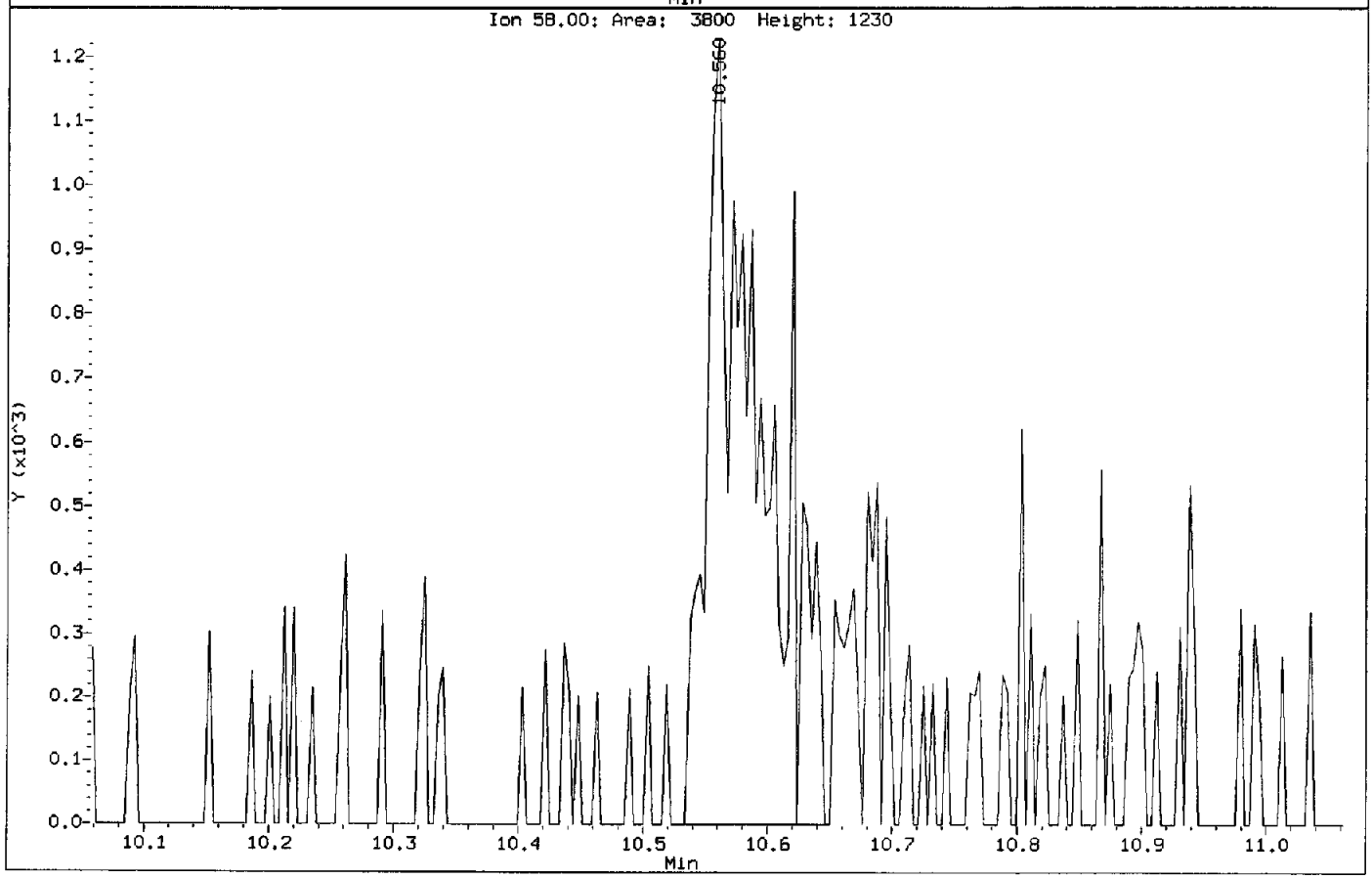
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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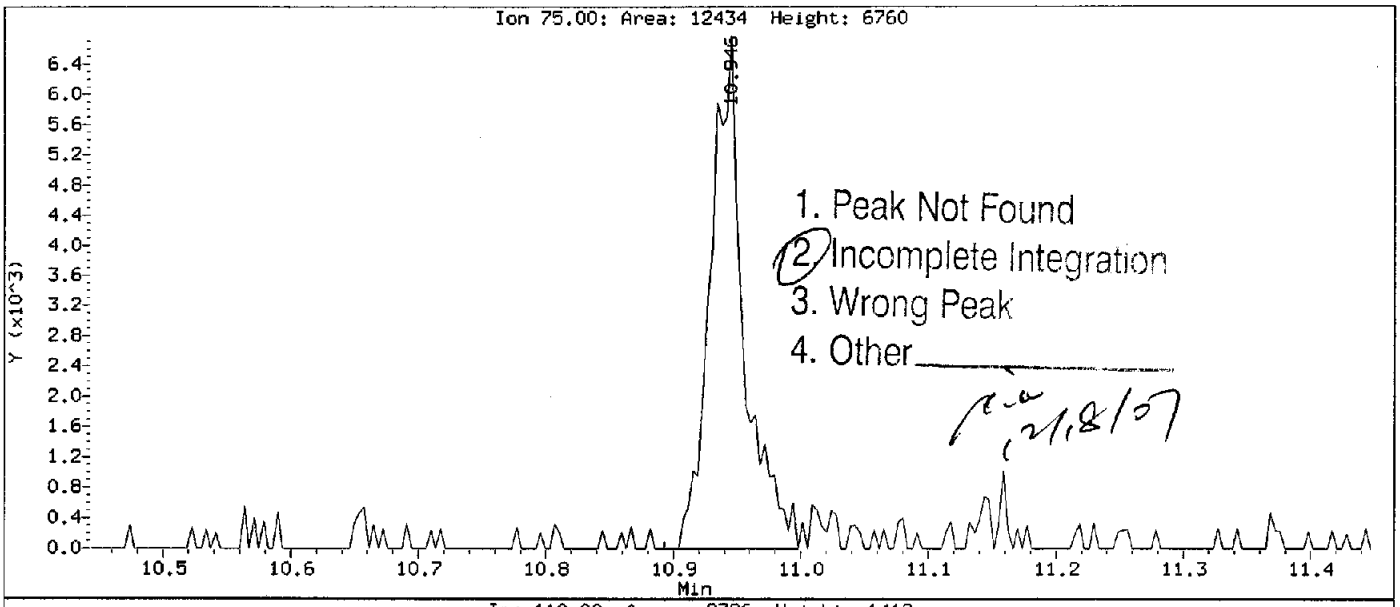
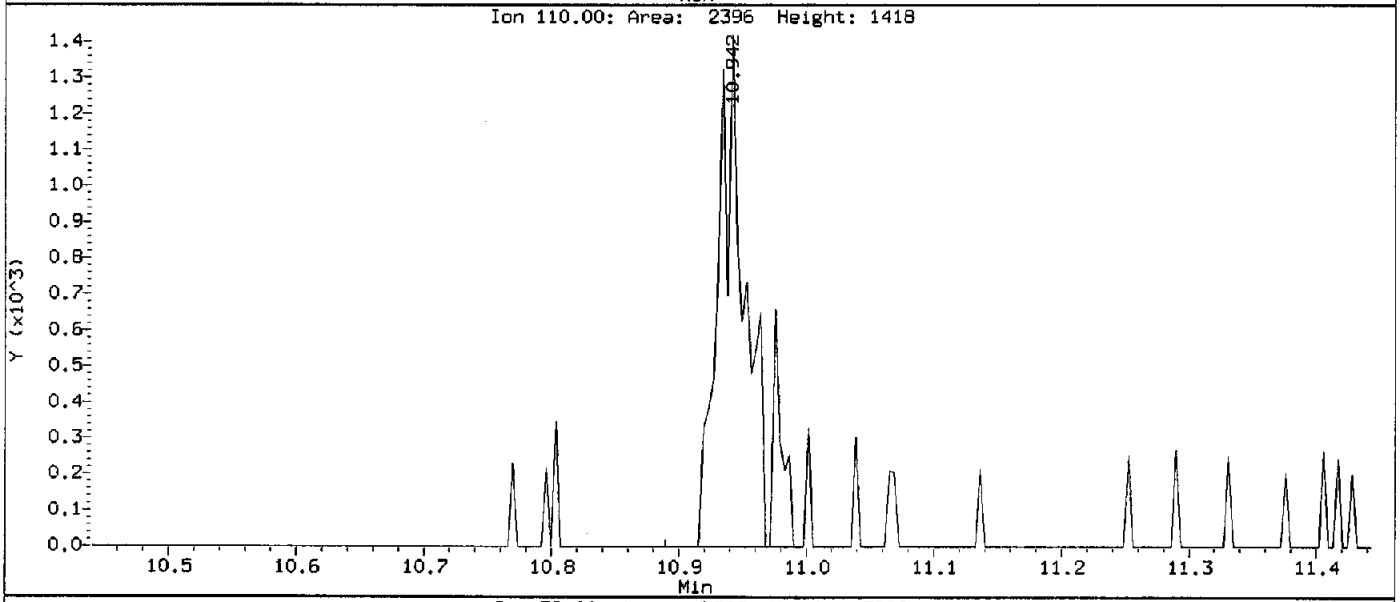
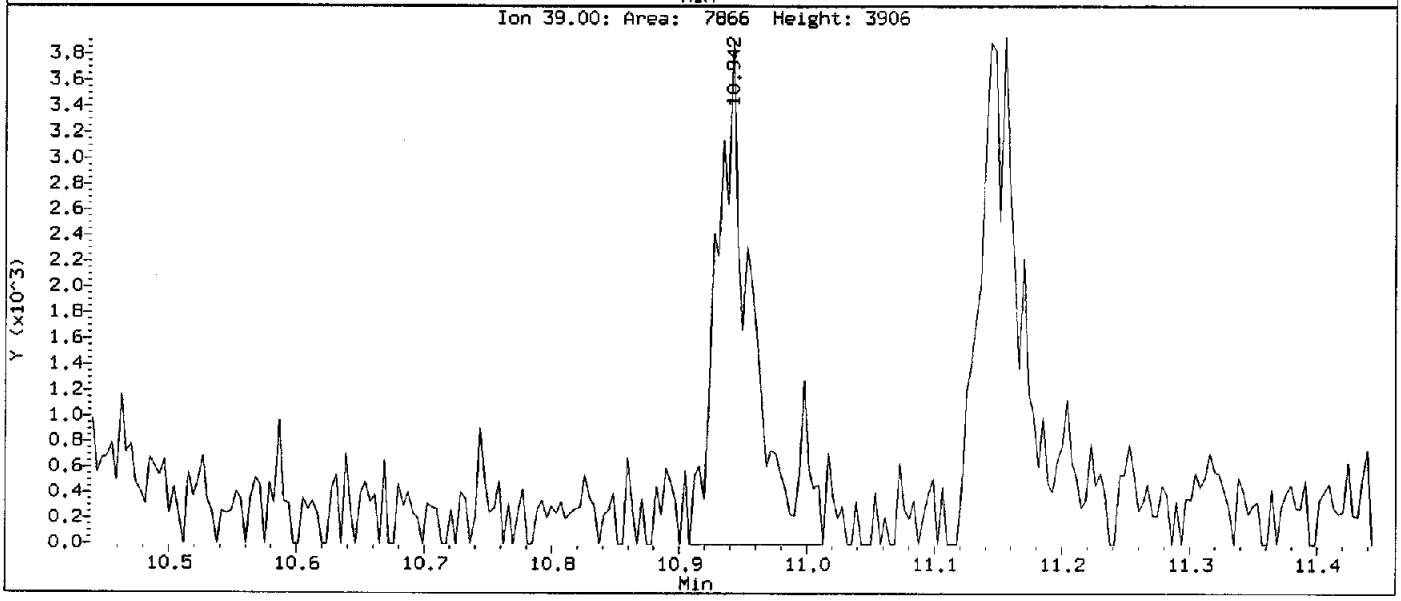
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: cis-1,3-Dichloropropene
CAS Number: 10061-01-5







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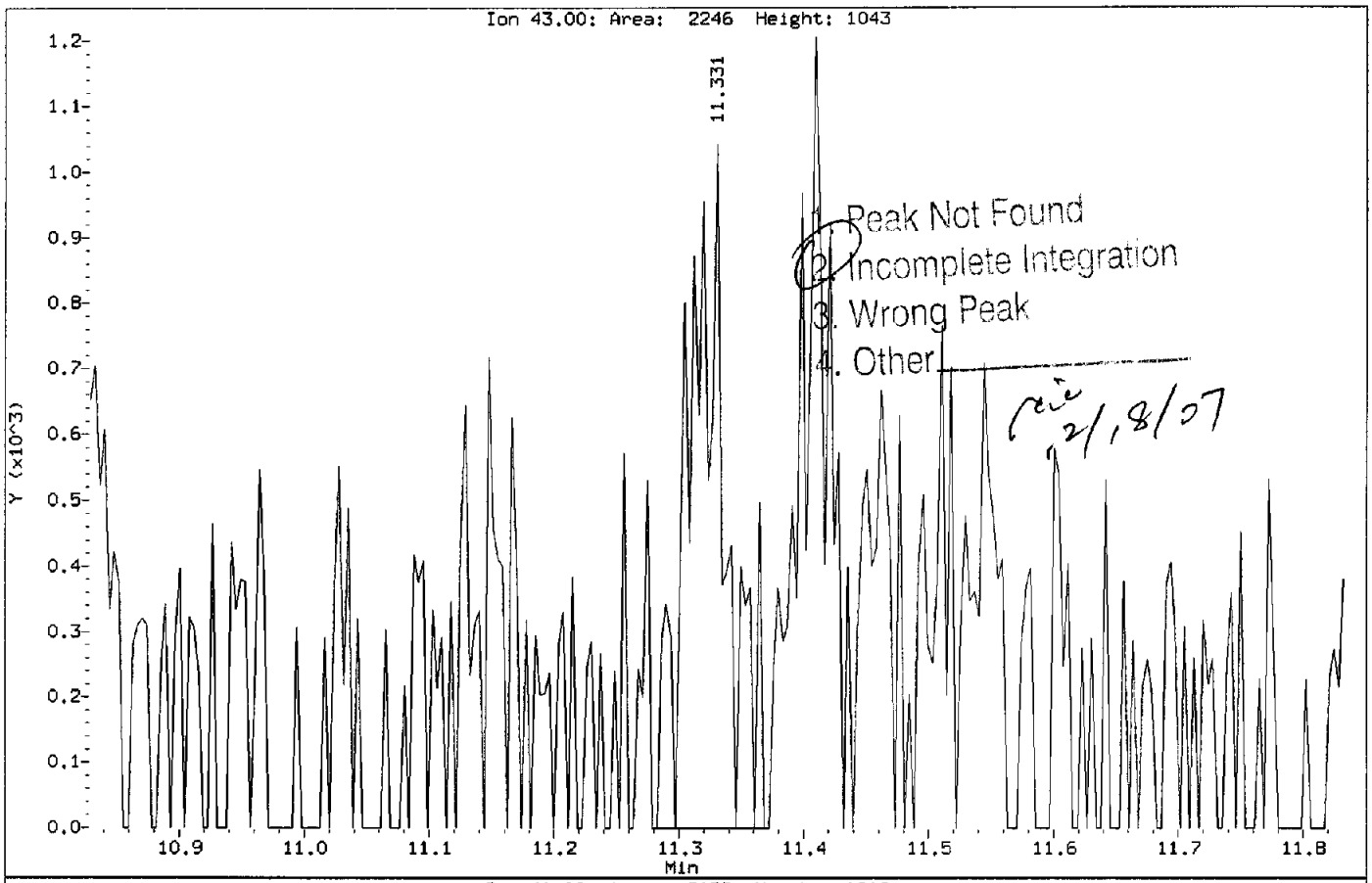
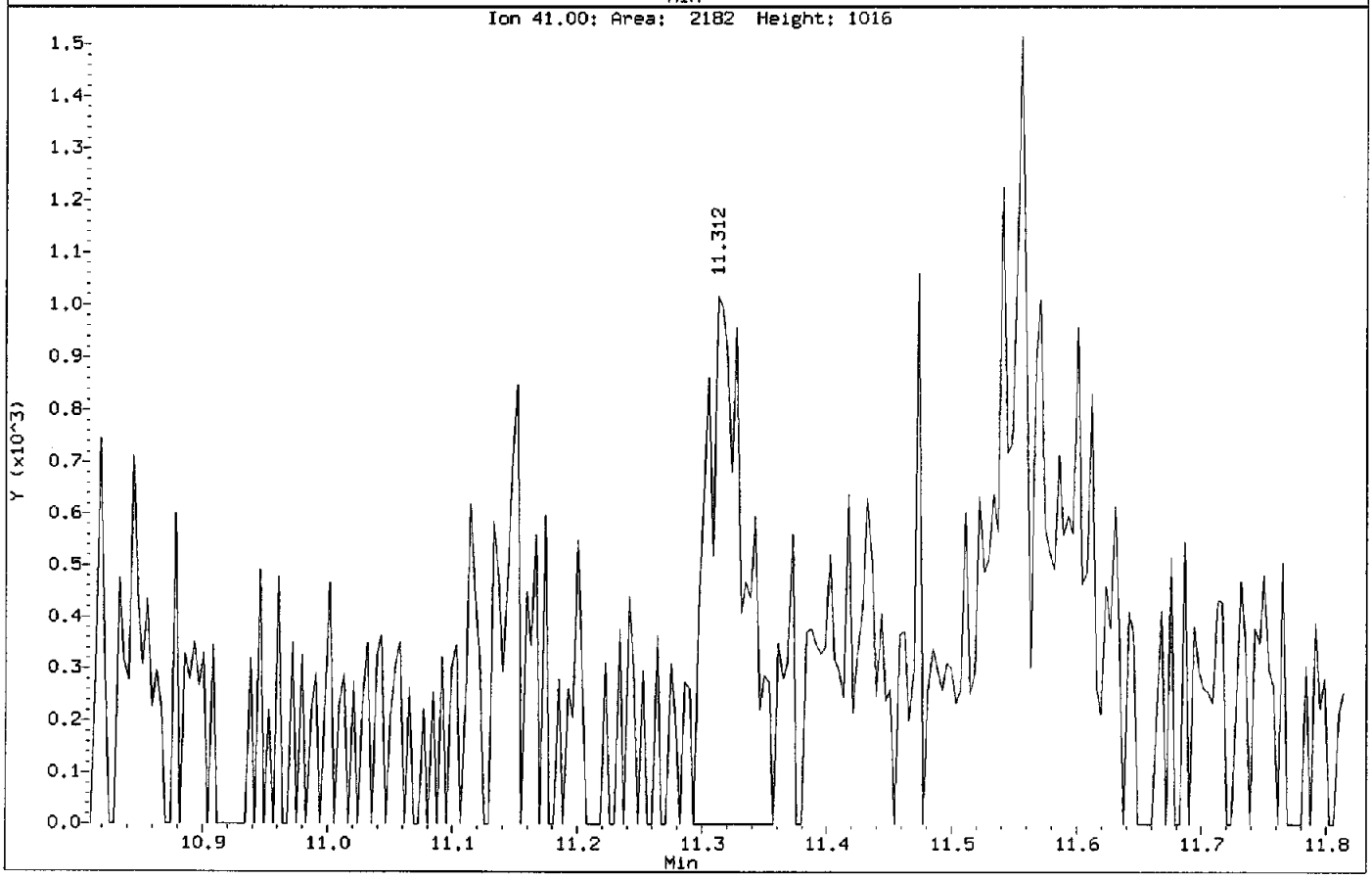
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 2-Nitro-Propane
CAS Number: 79-46-9





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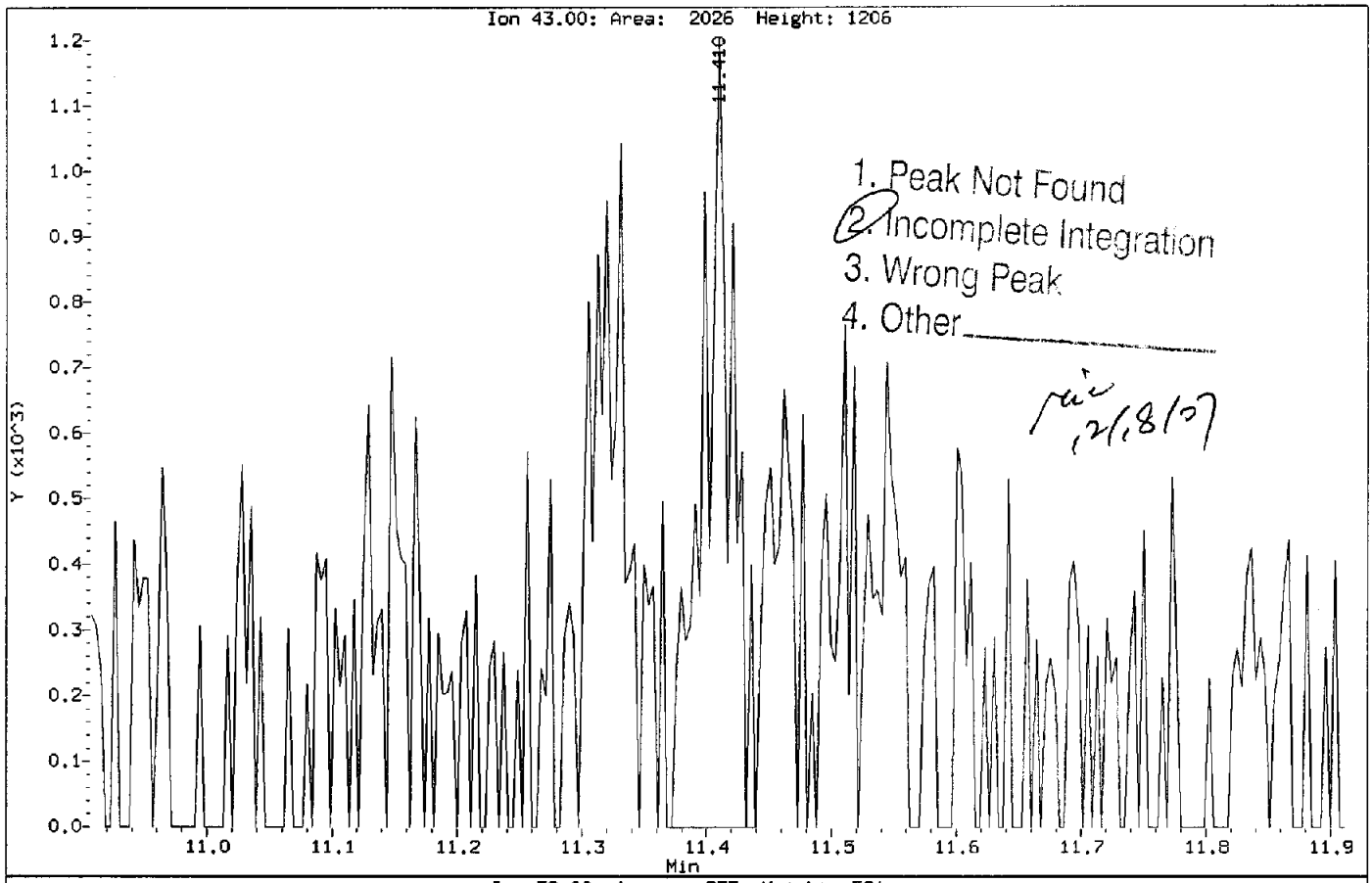
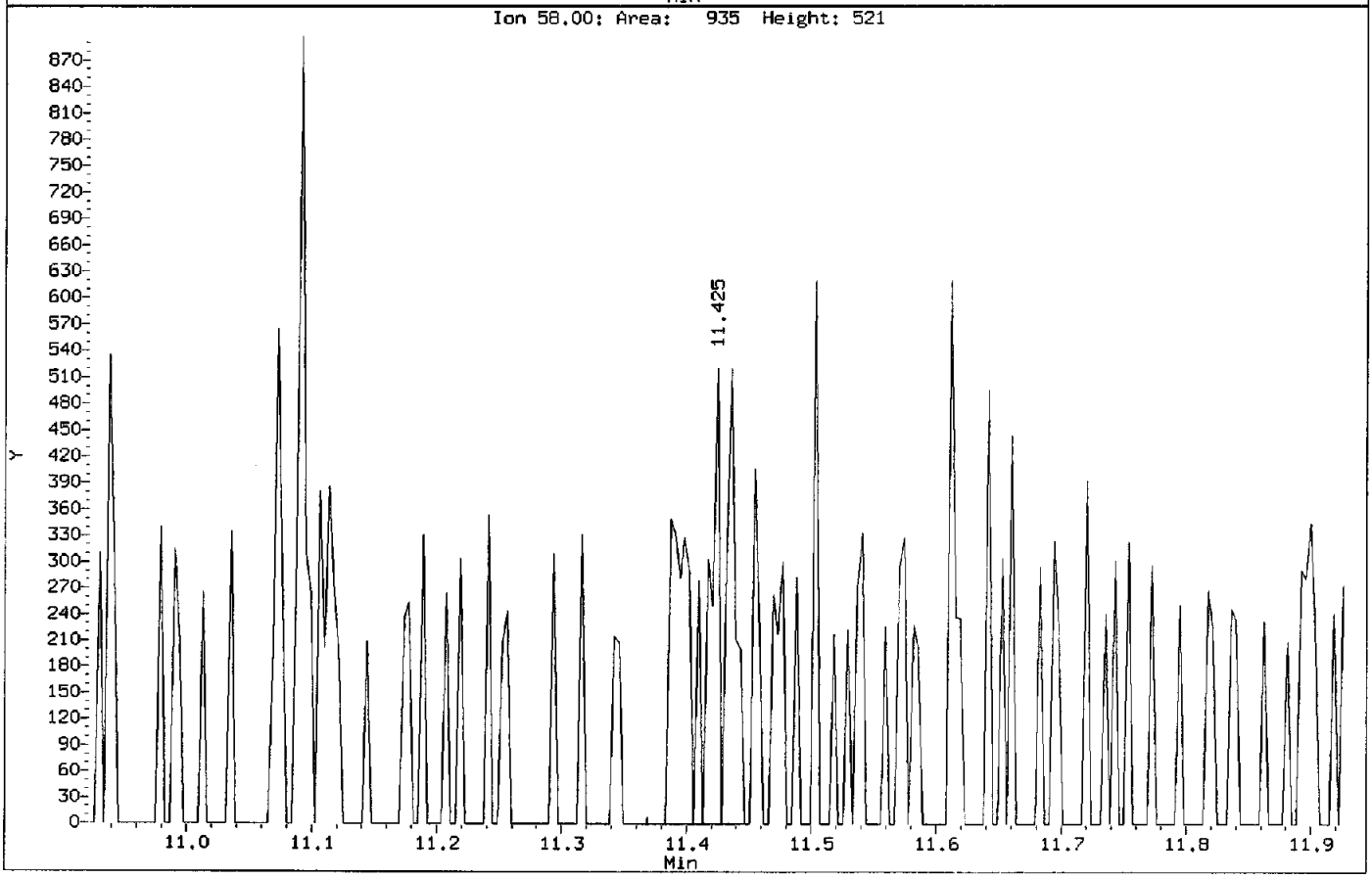
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 4-Methyl-2-pentanone
CAS Number: 108-10-1





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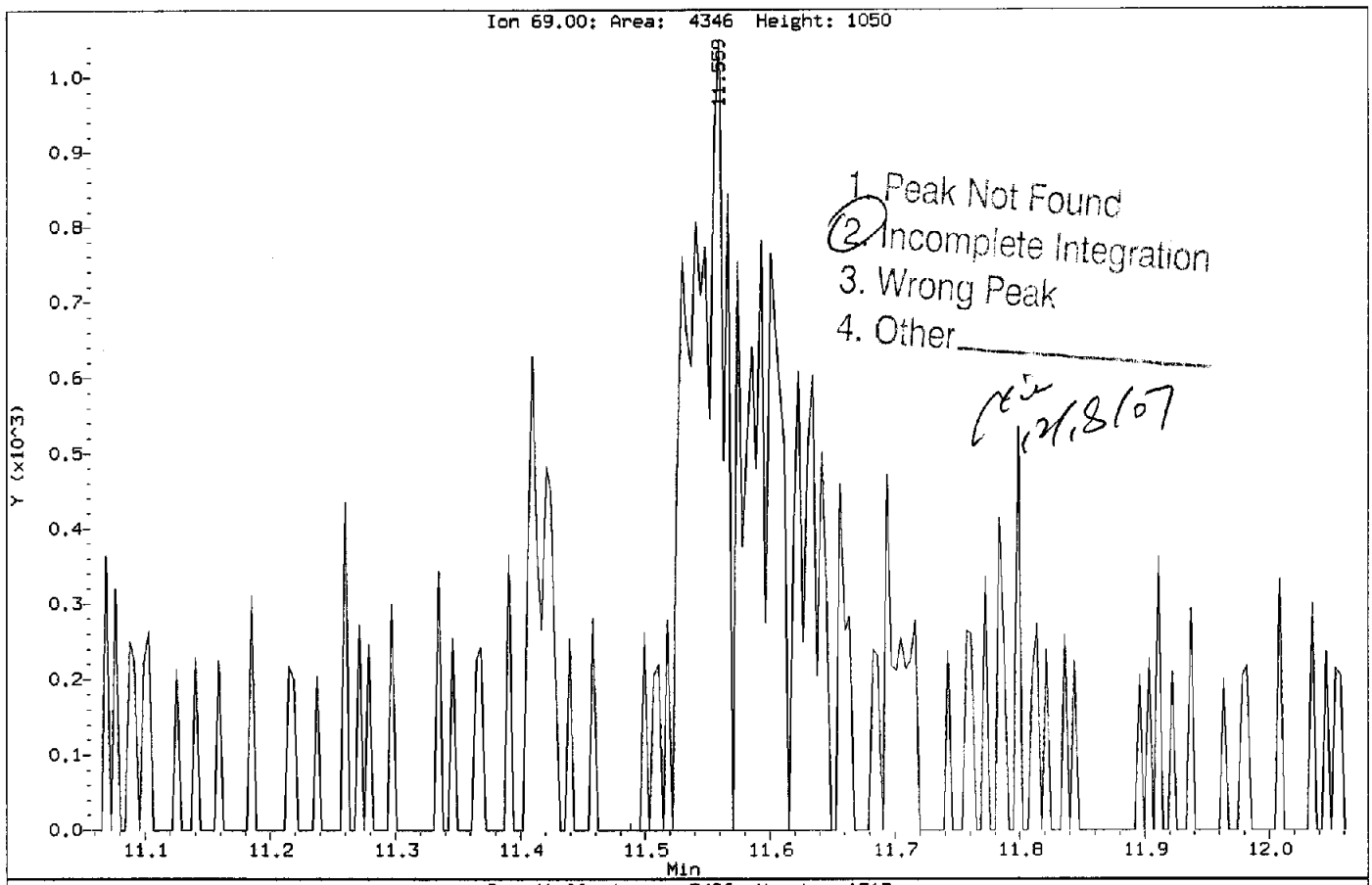
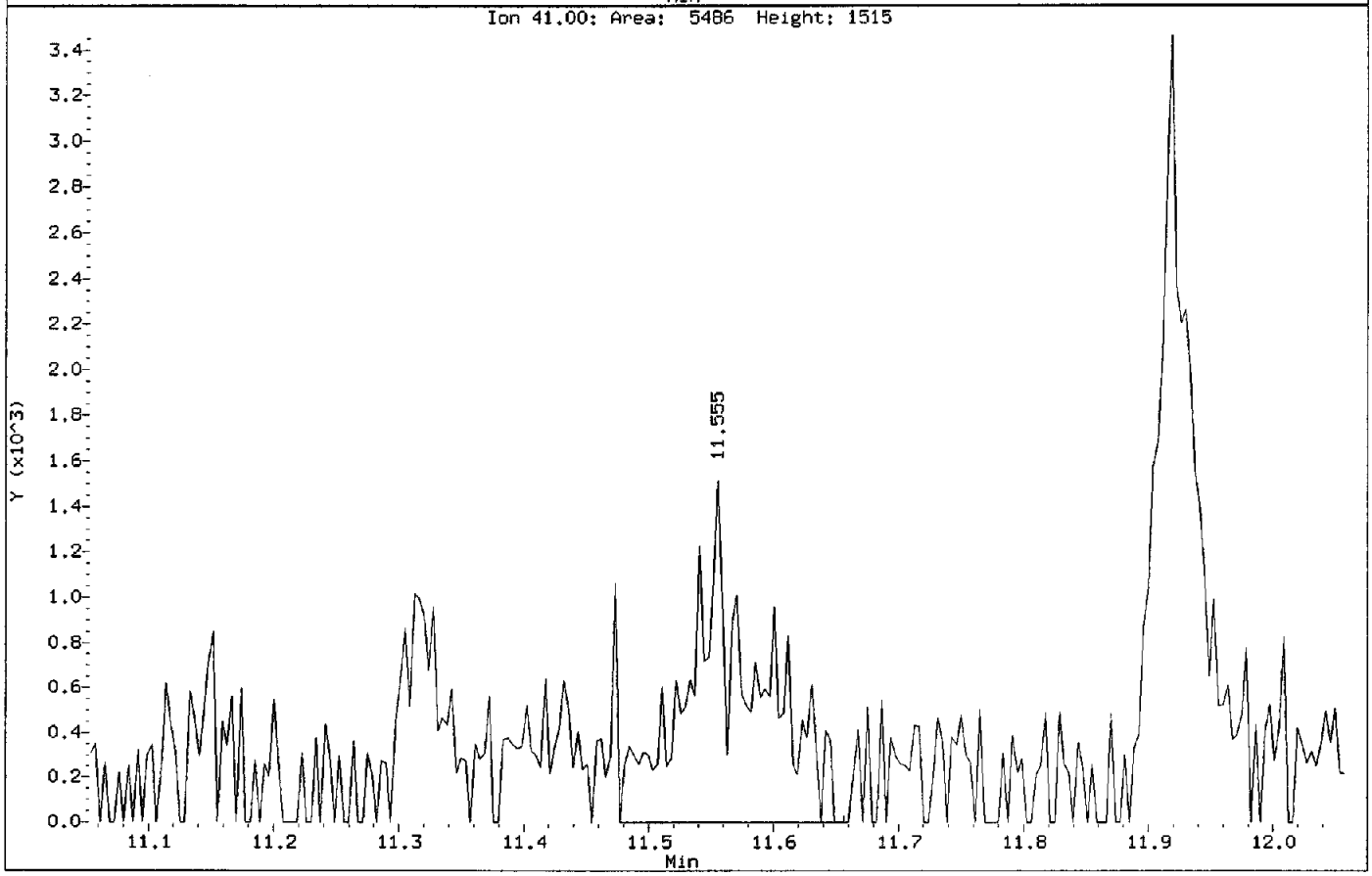
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Ethyl methacrylate
CAS Number: 97-63-2





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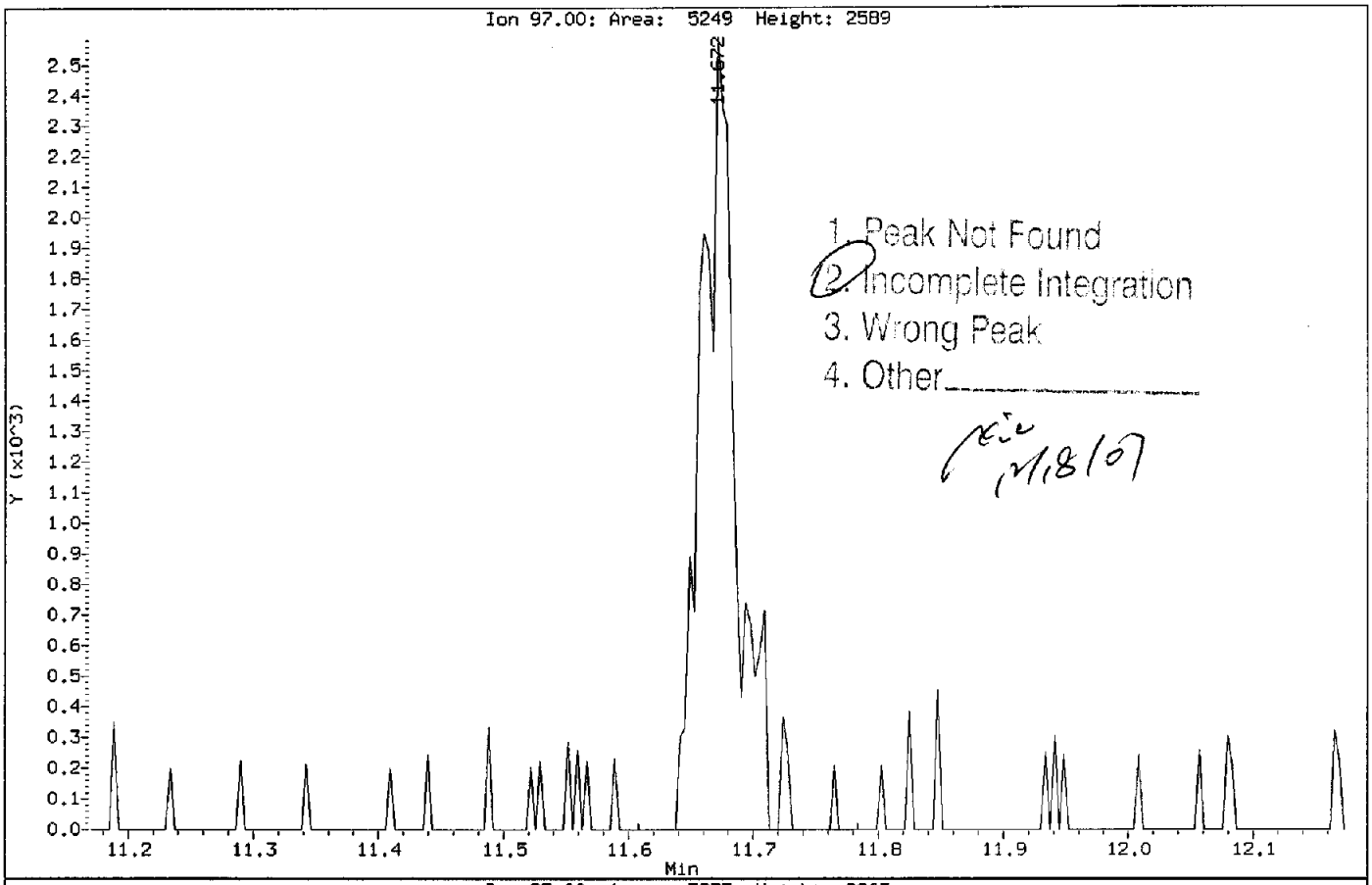
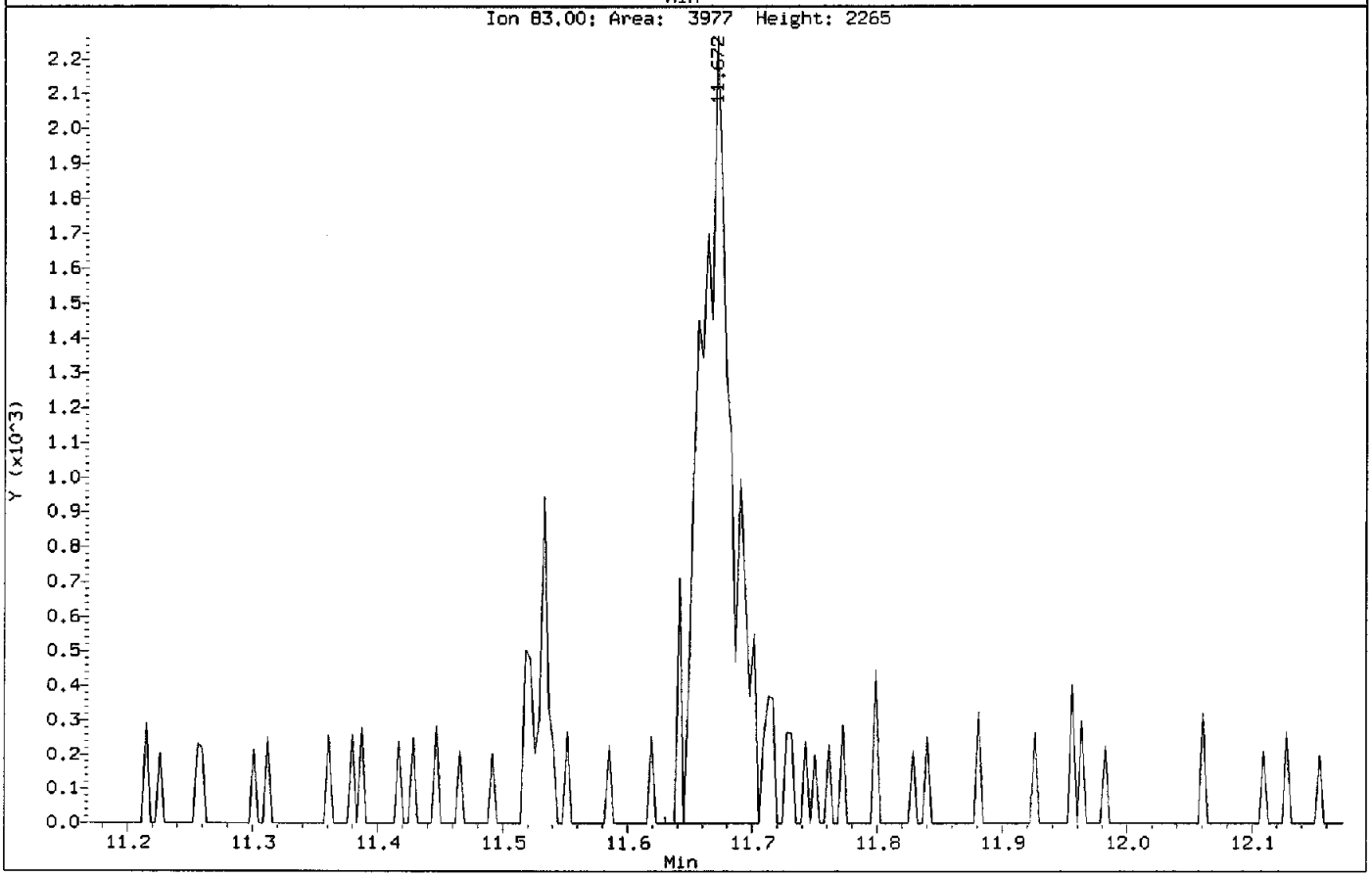
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,1,2-Trichloroethane
CAS Number: 79-00-5





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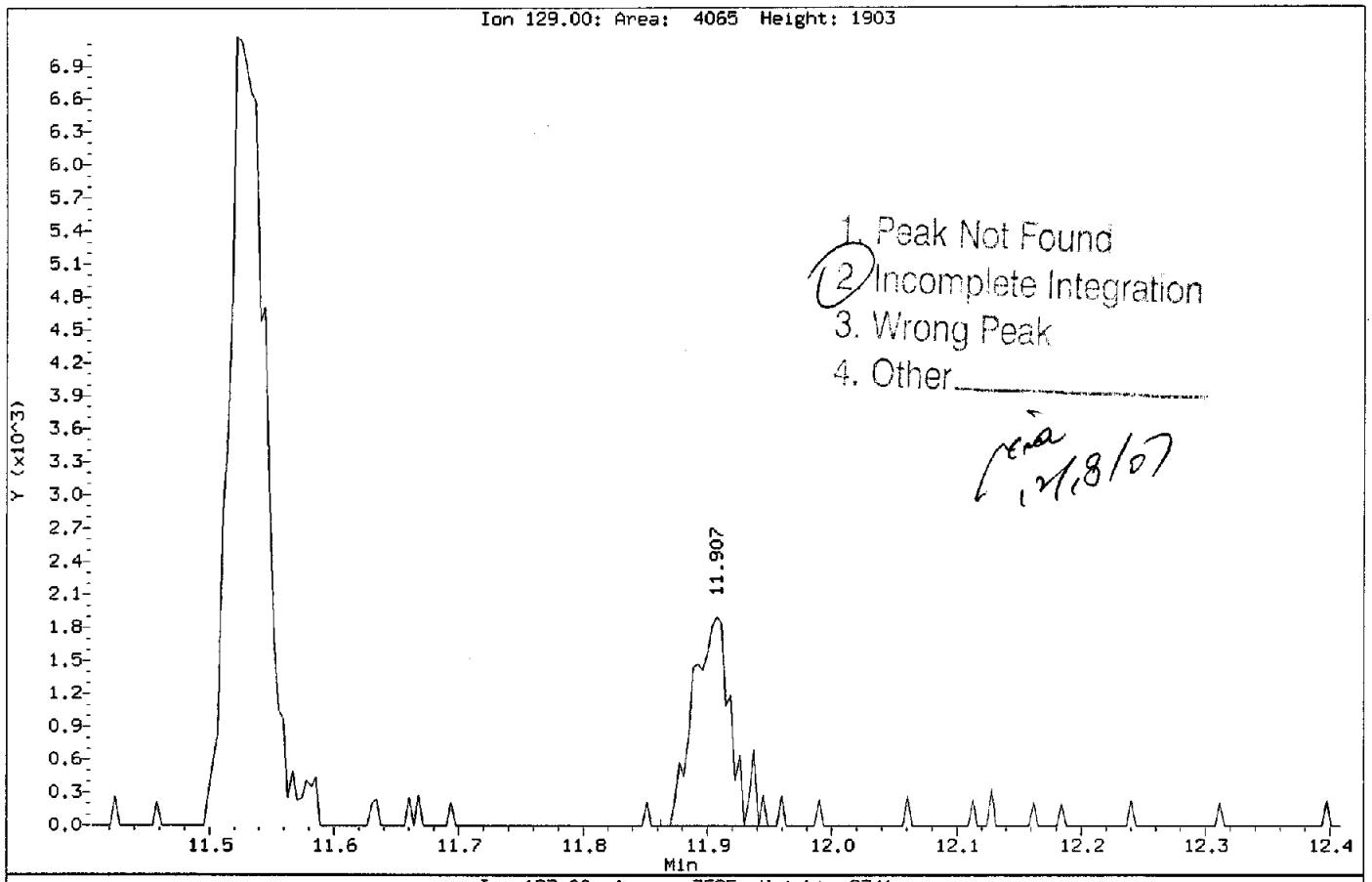
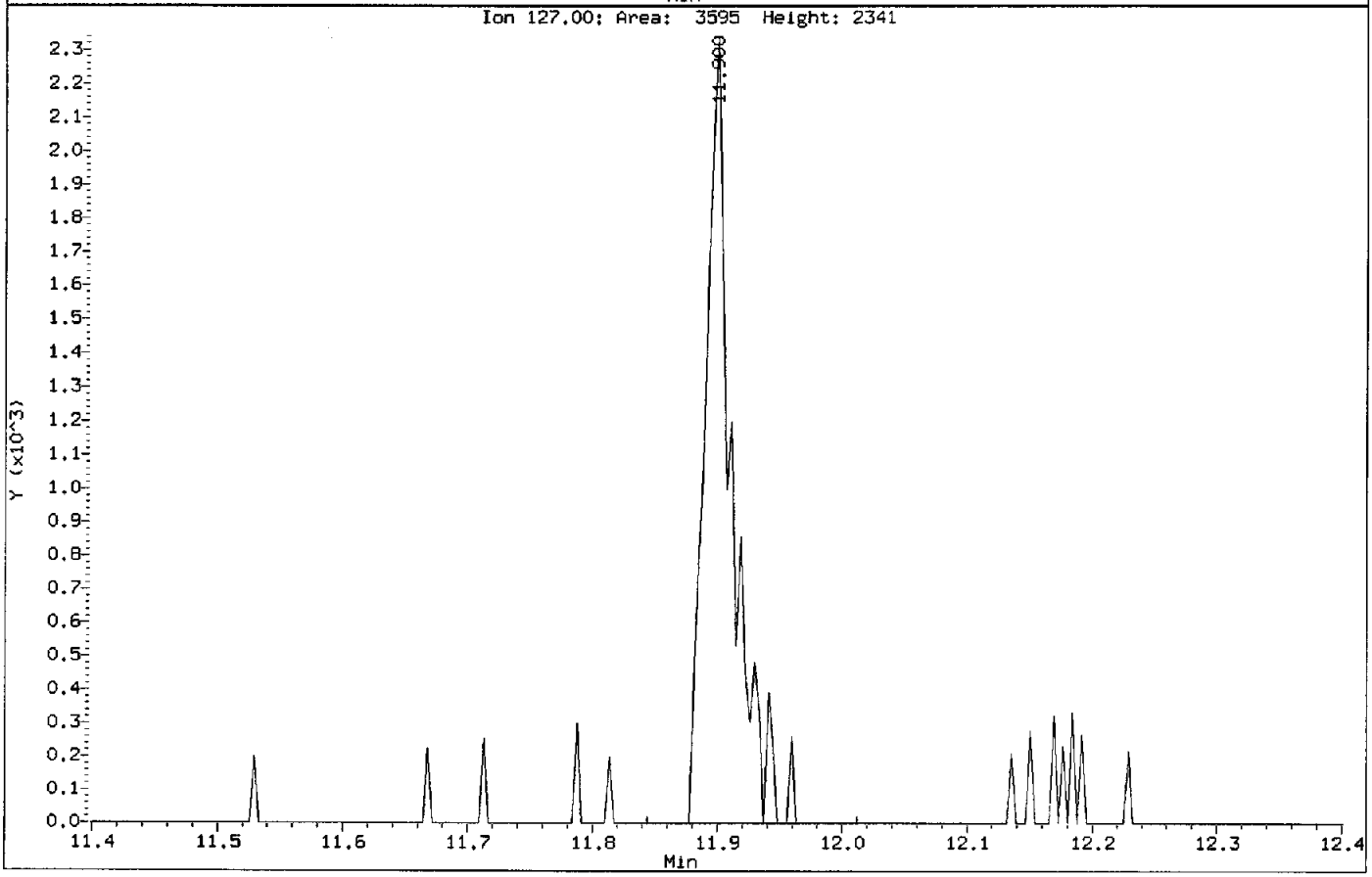
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Chlorodibromomethane
CAS Number: 124-48-1





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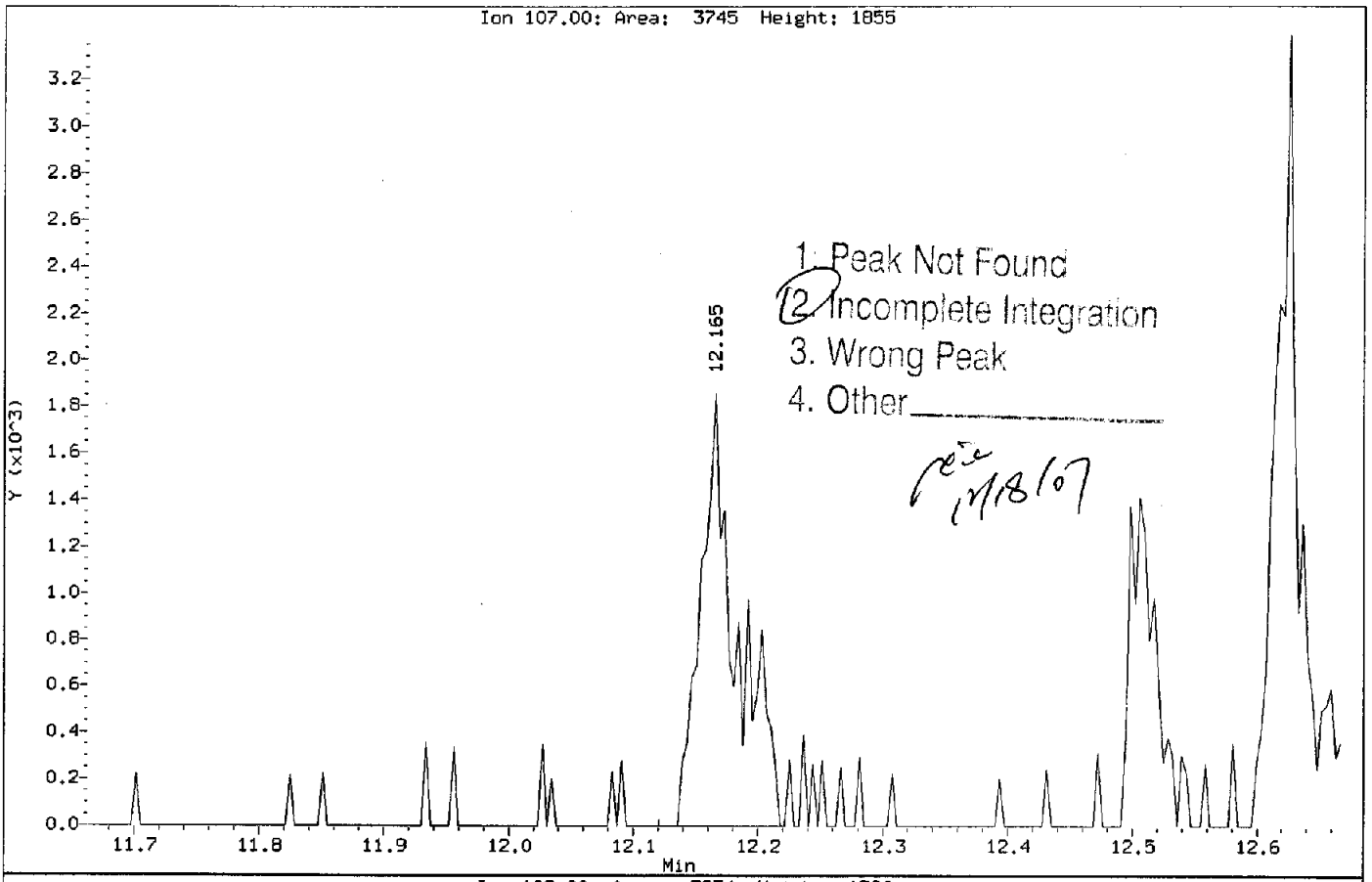
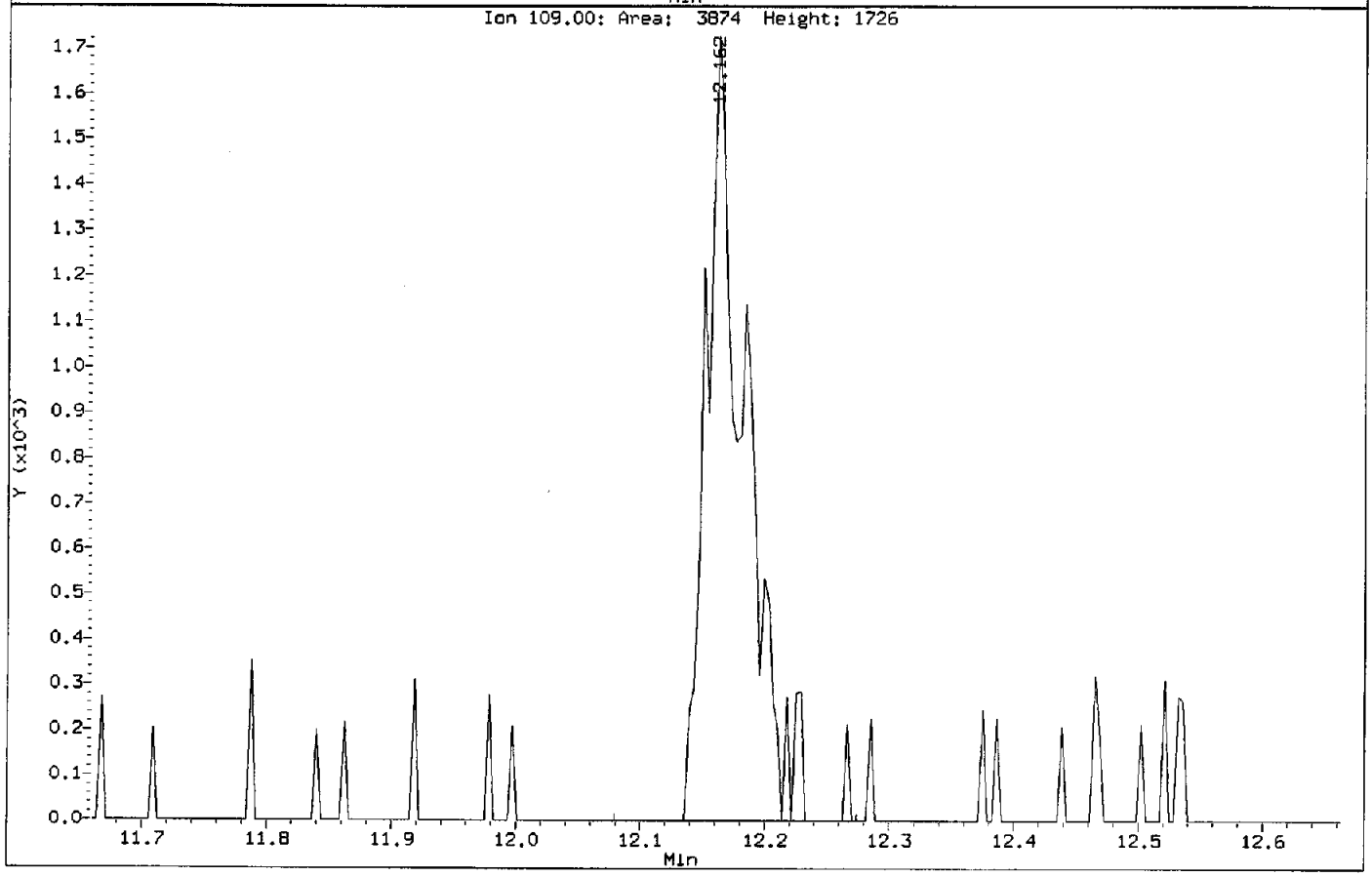
Client Sample ID: VSTD0.5

Compound: 1,2-Dibromoethane
CAS Number: 106-93-4





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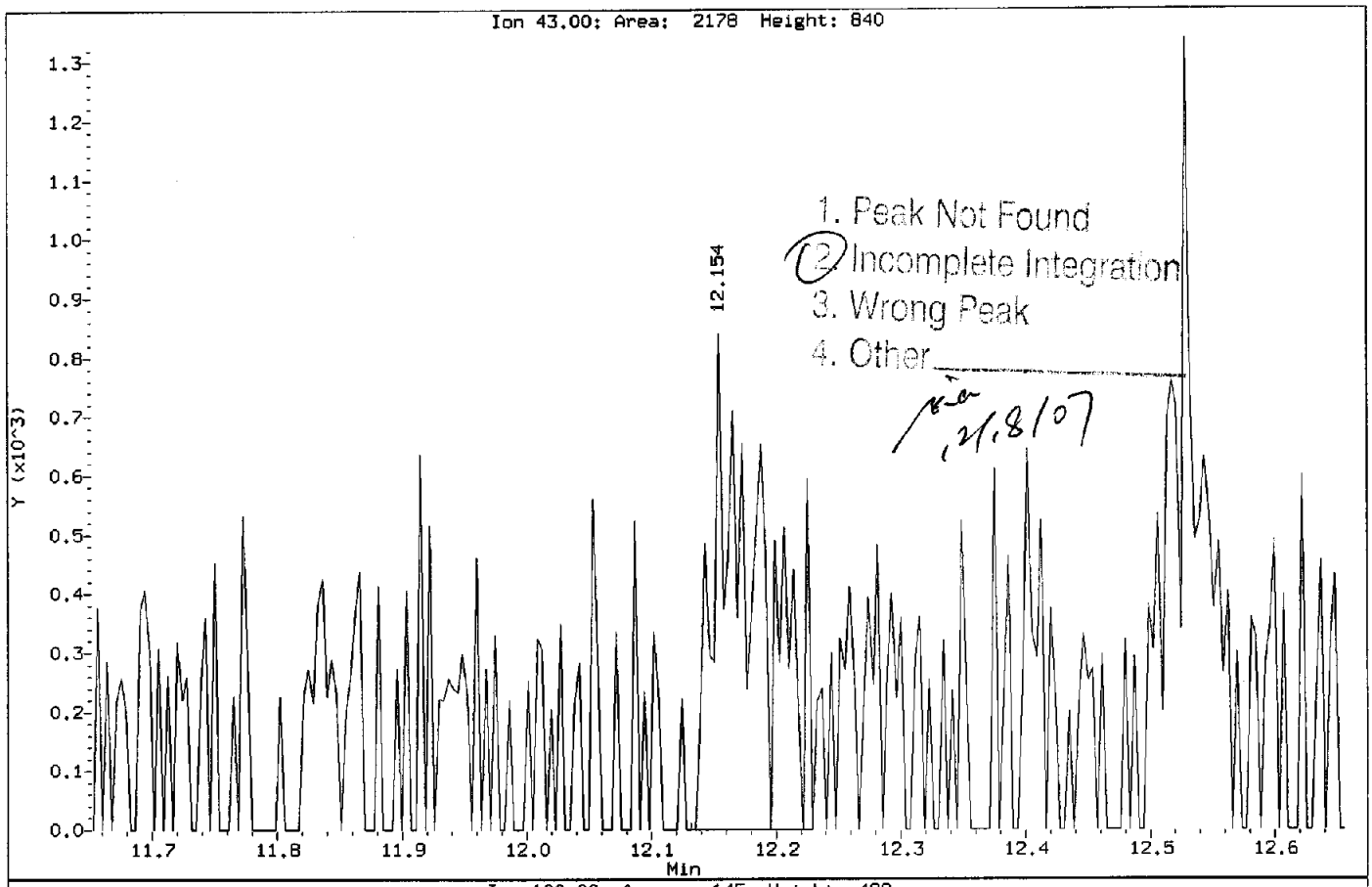
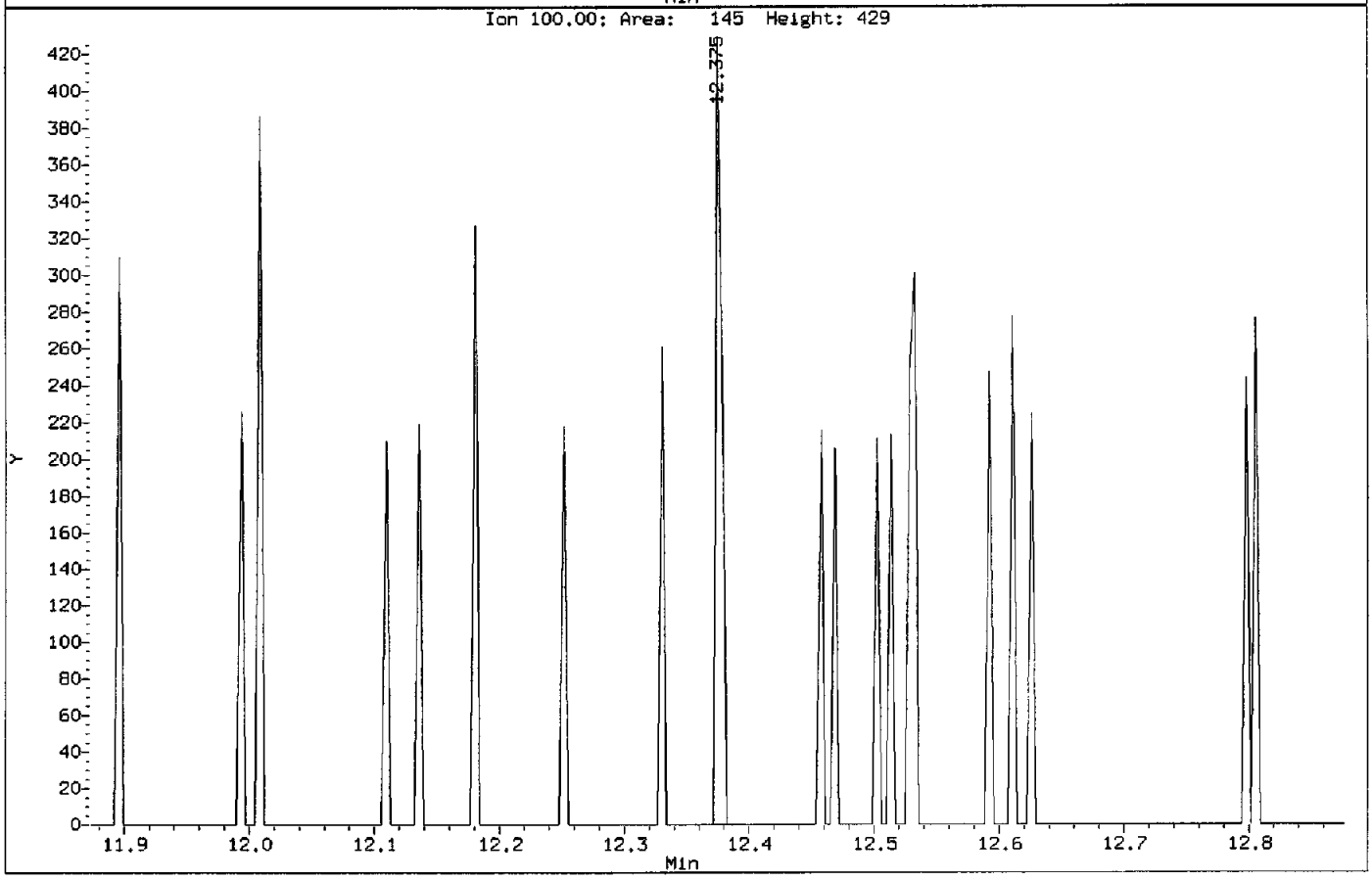
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 2-Hexanone
CAS Number: 591-78-6





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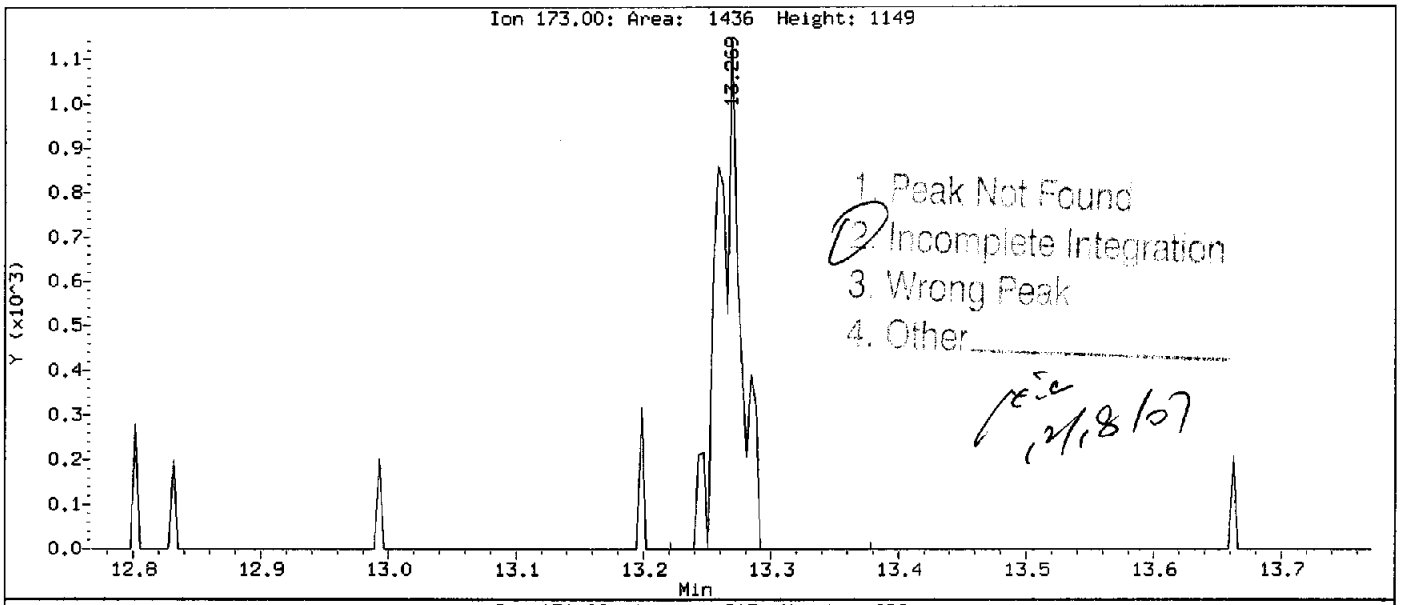
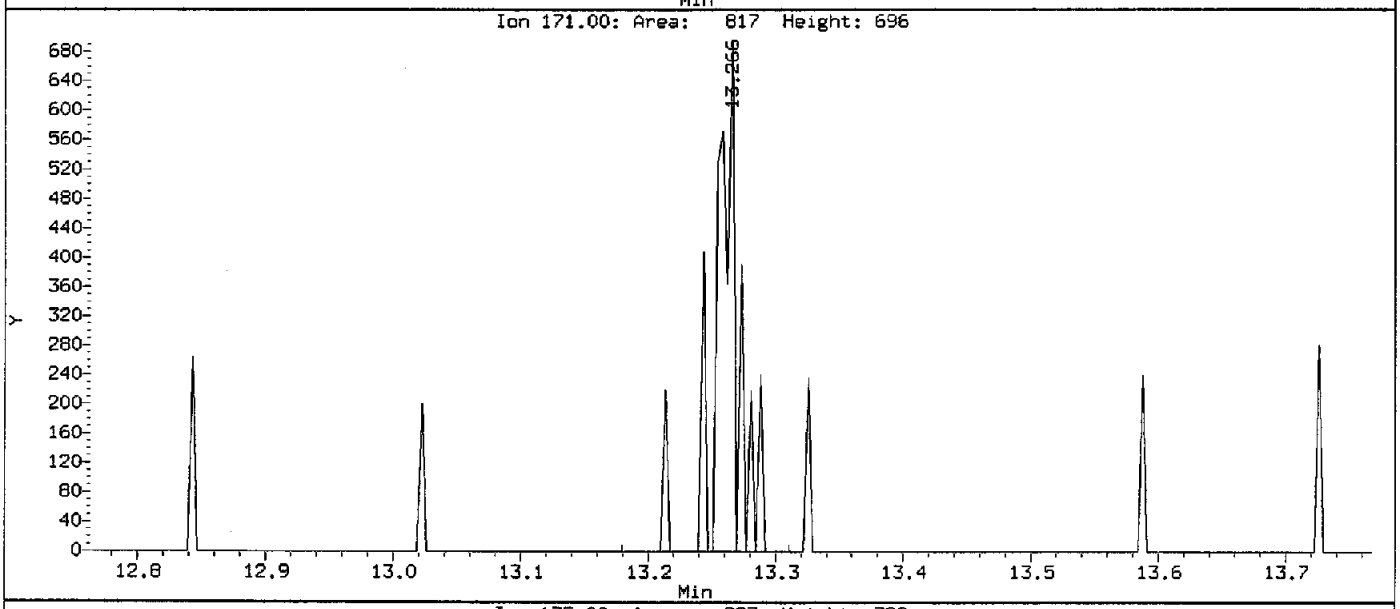
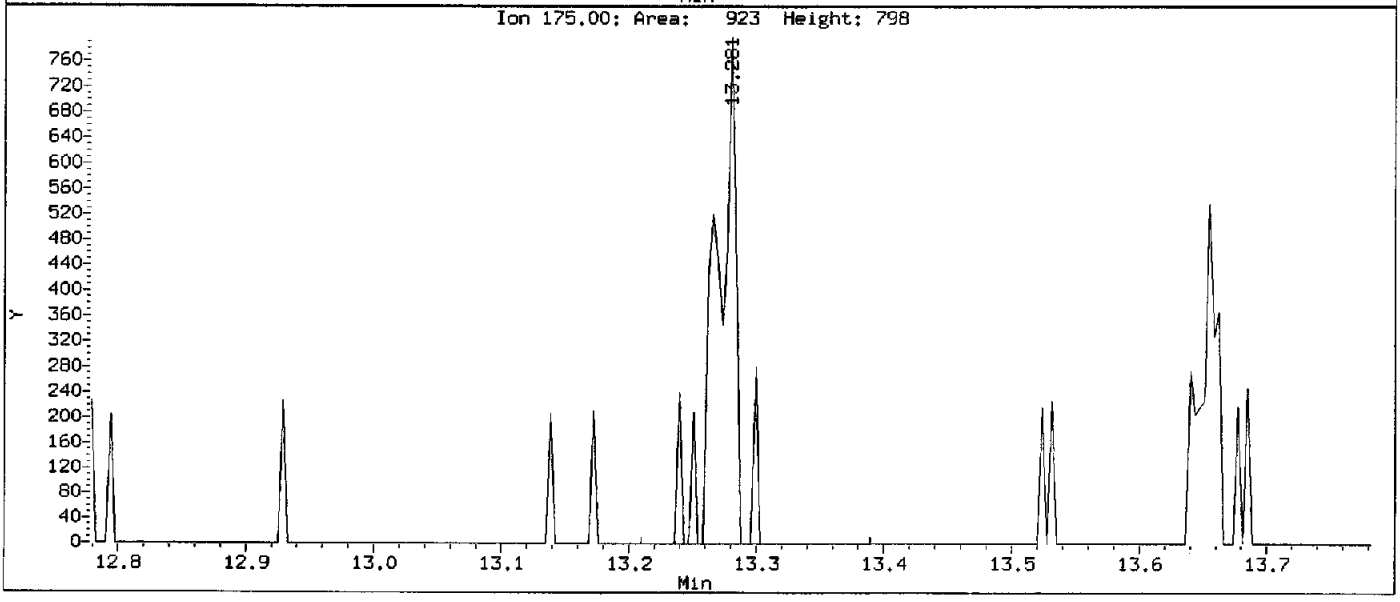
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Bromoform
CAS Number: 75-25-2







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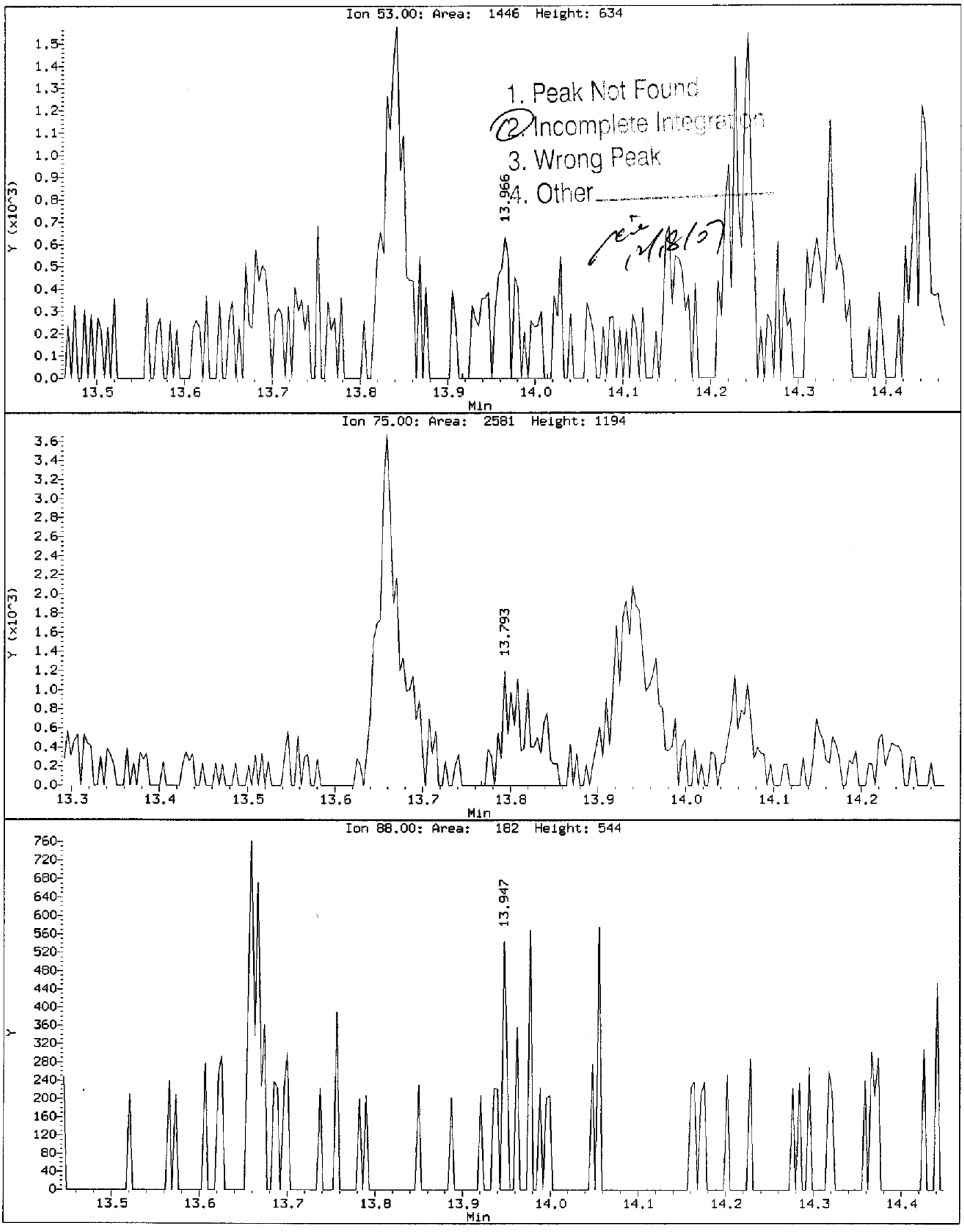
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: trans-1,4-dichloro-2-butene
CAS Number: 110-57-6



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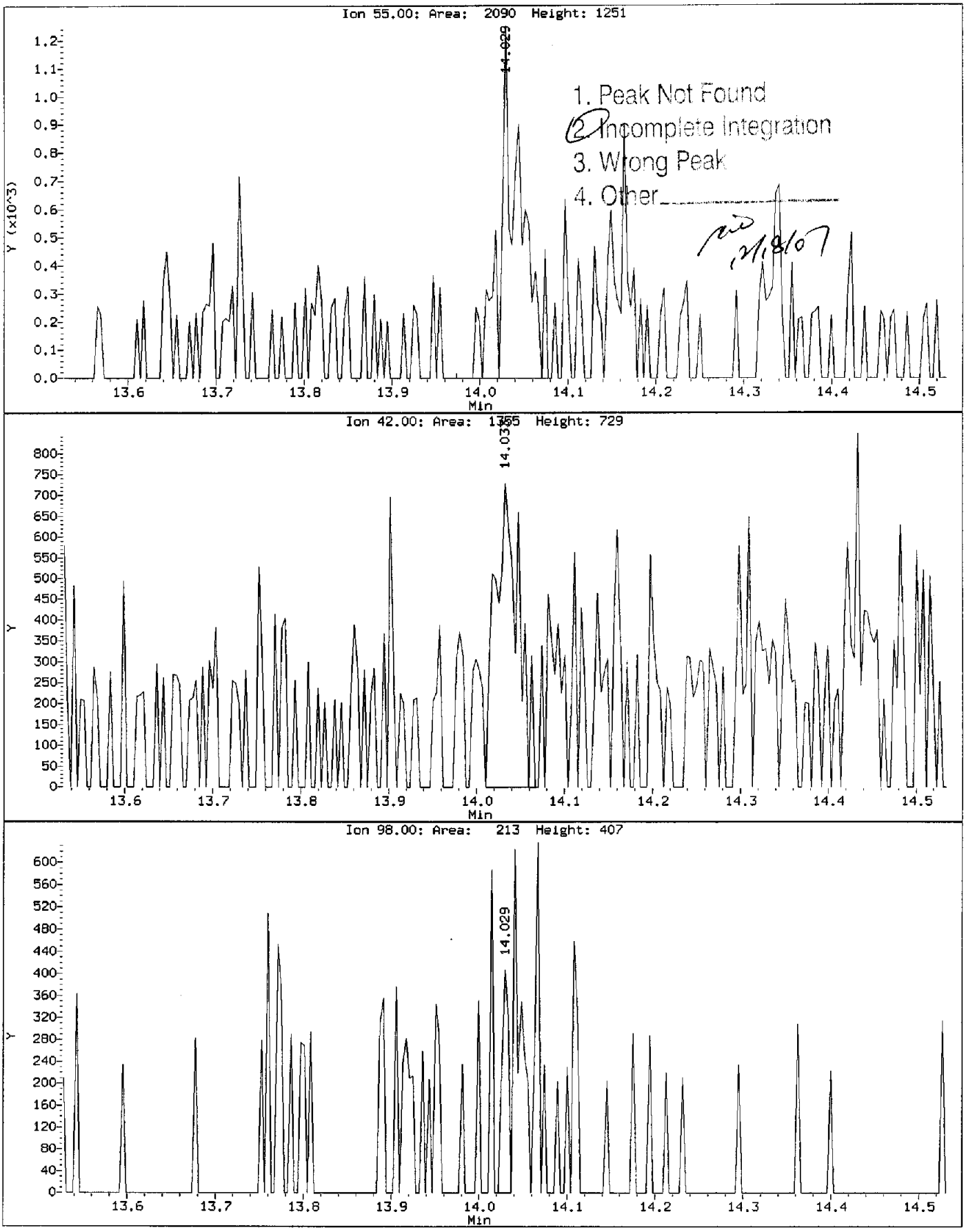
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Cyclohexanone
CAS Number: 108-94-1



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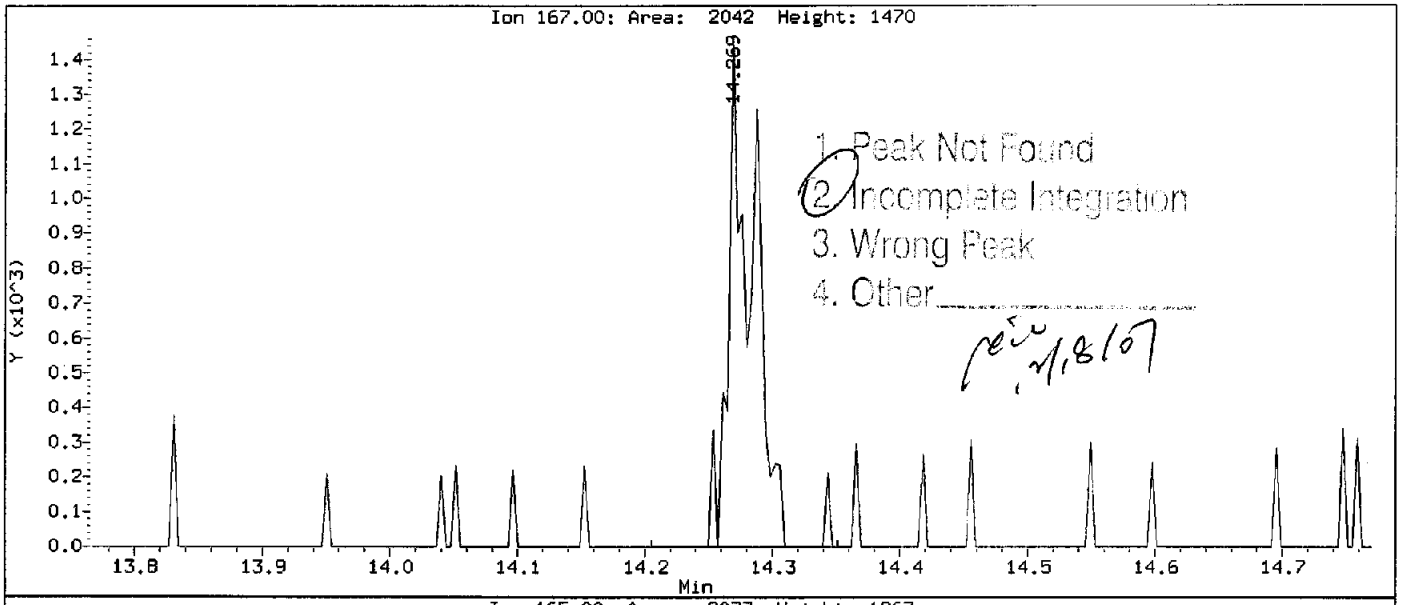
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Pentachloroethane
CAS Number: 76-01-7



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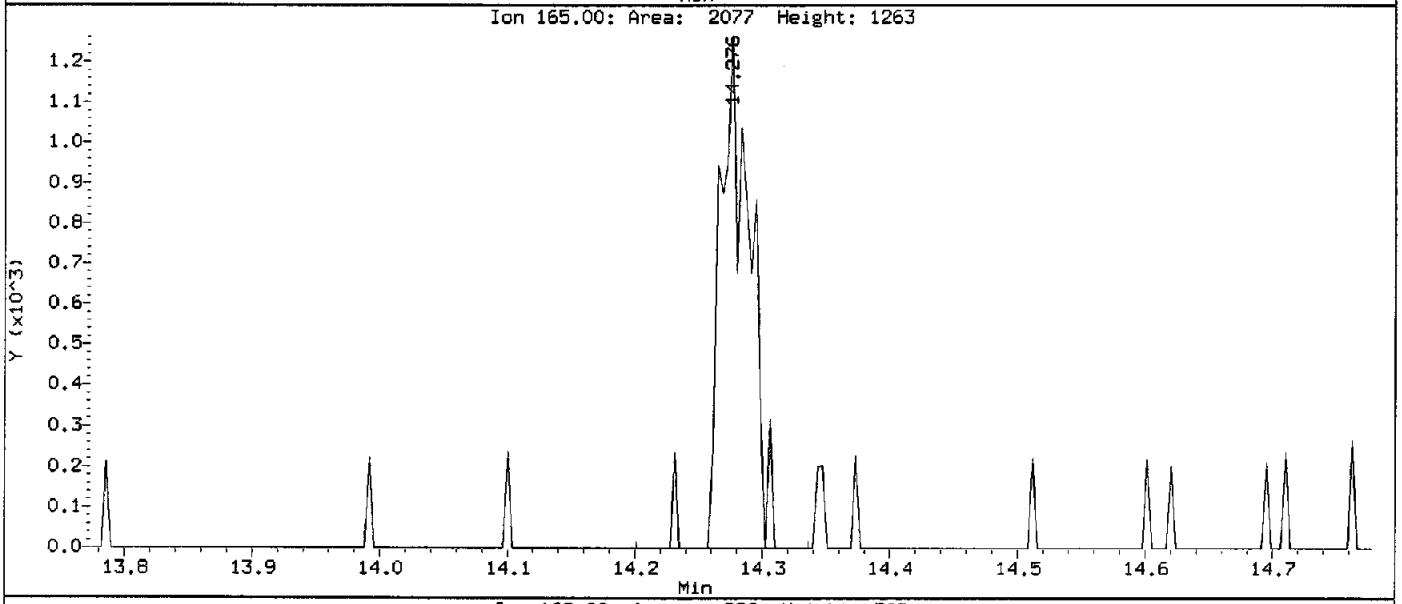
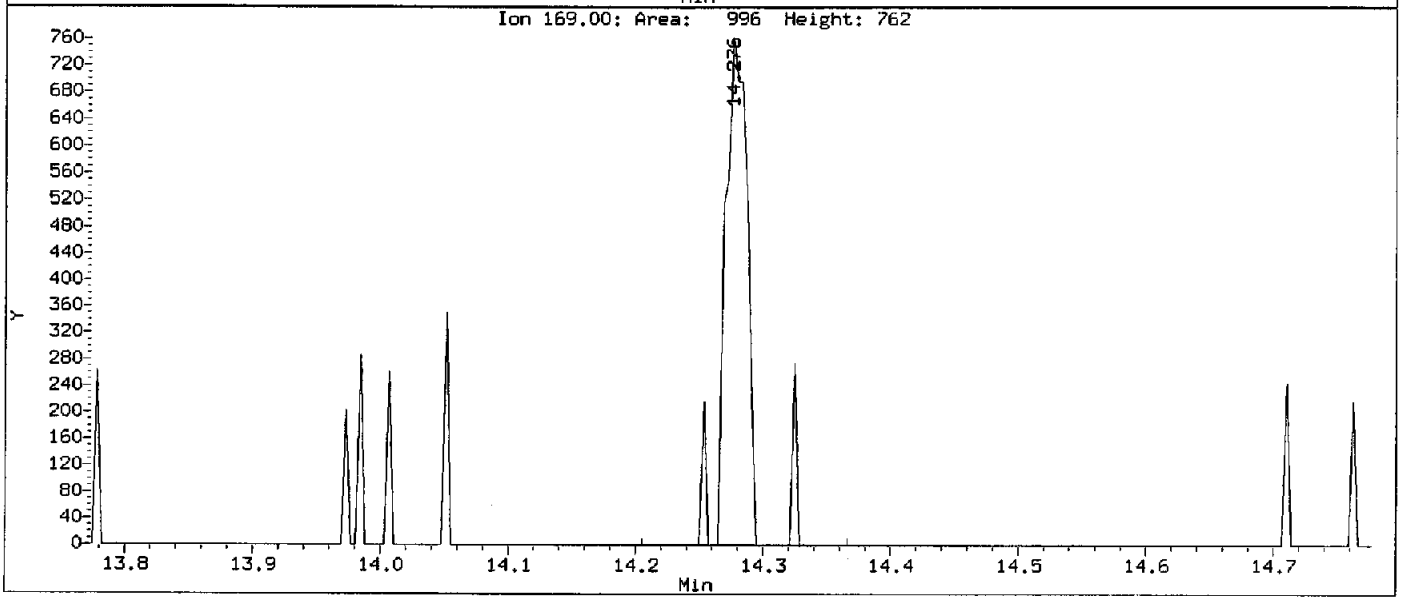
2. Incomplete Integration
3. Wrong Peak
4. Other

12/18/07





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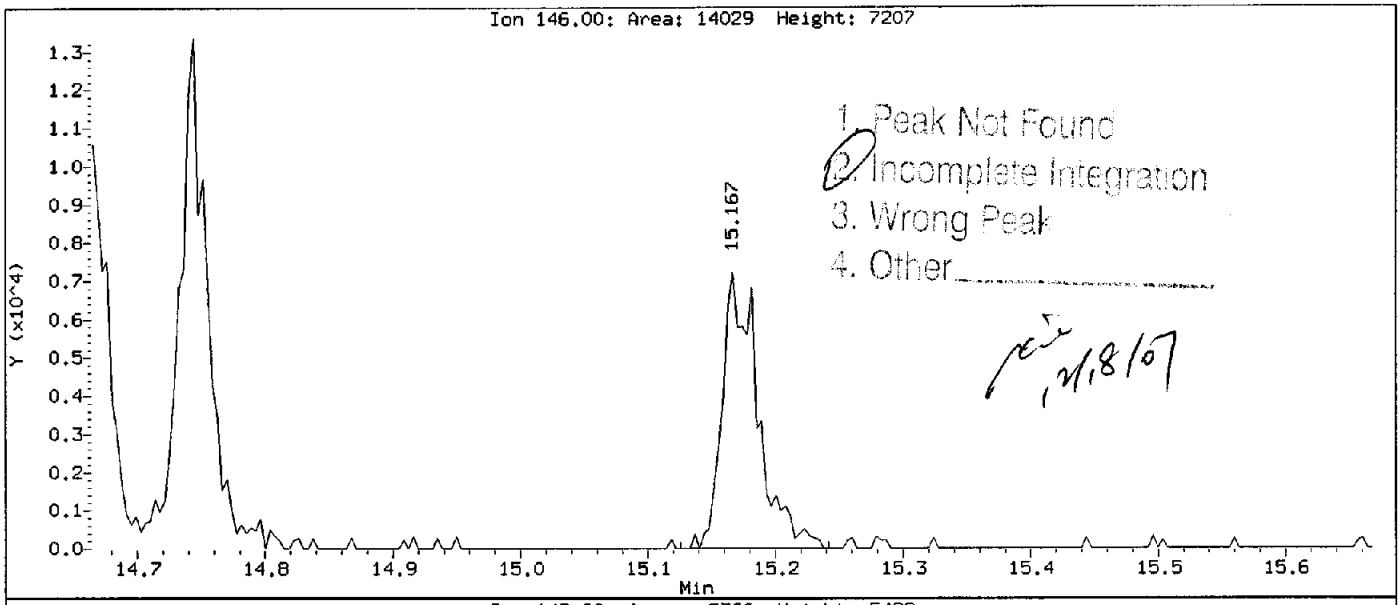
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,2-Dichlorobenzene
CAS Number: 95-50-1



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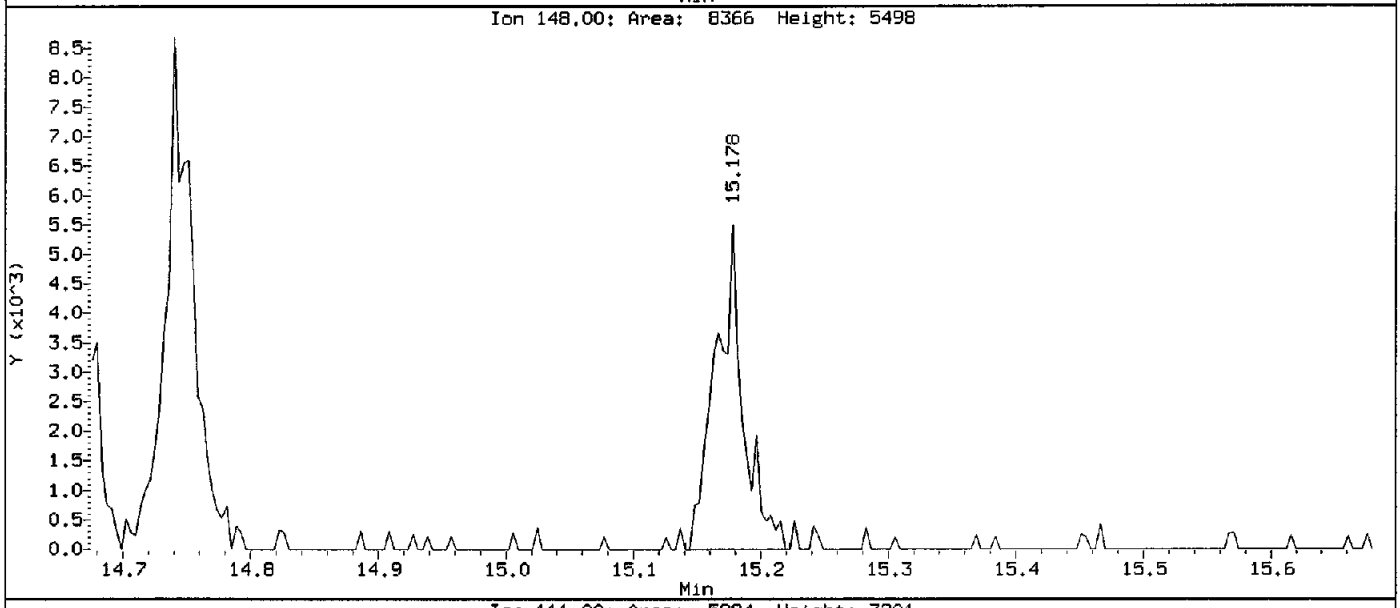
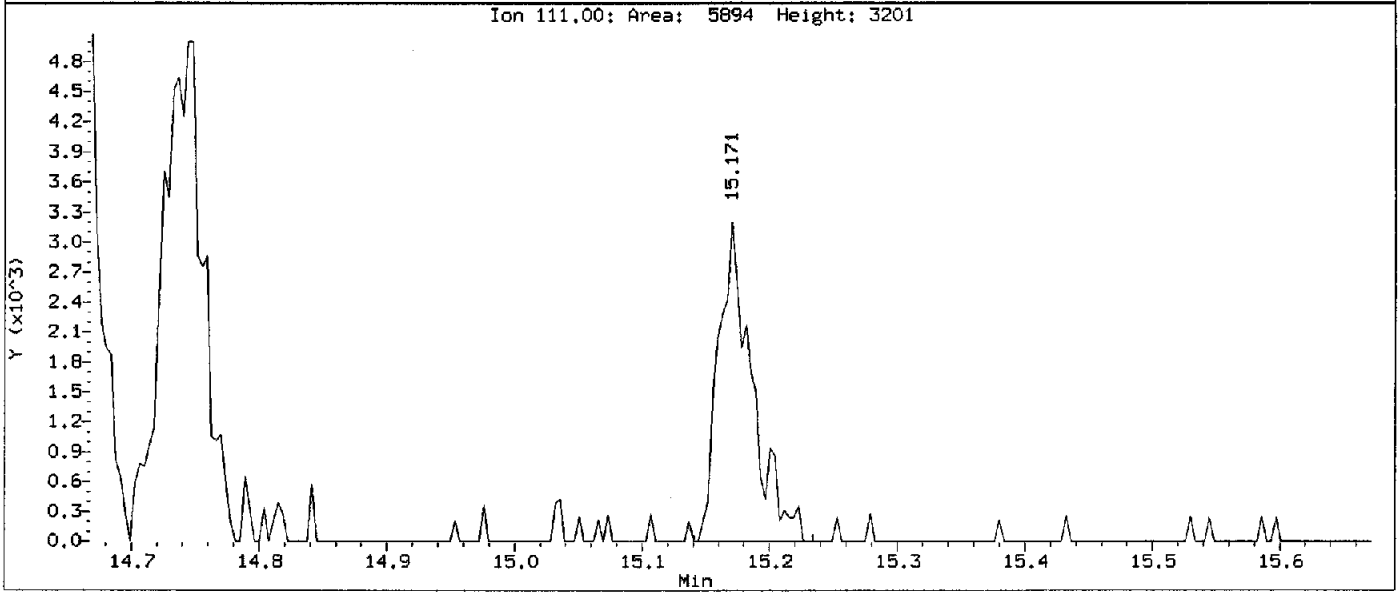
12/18/07





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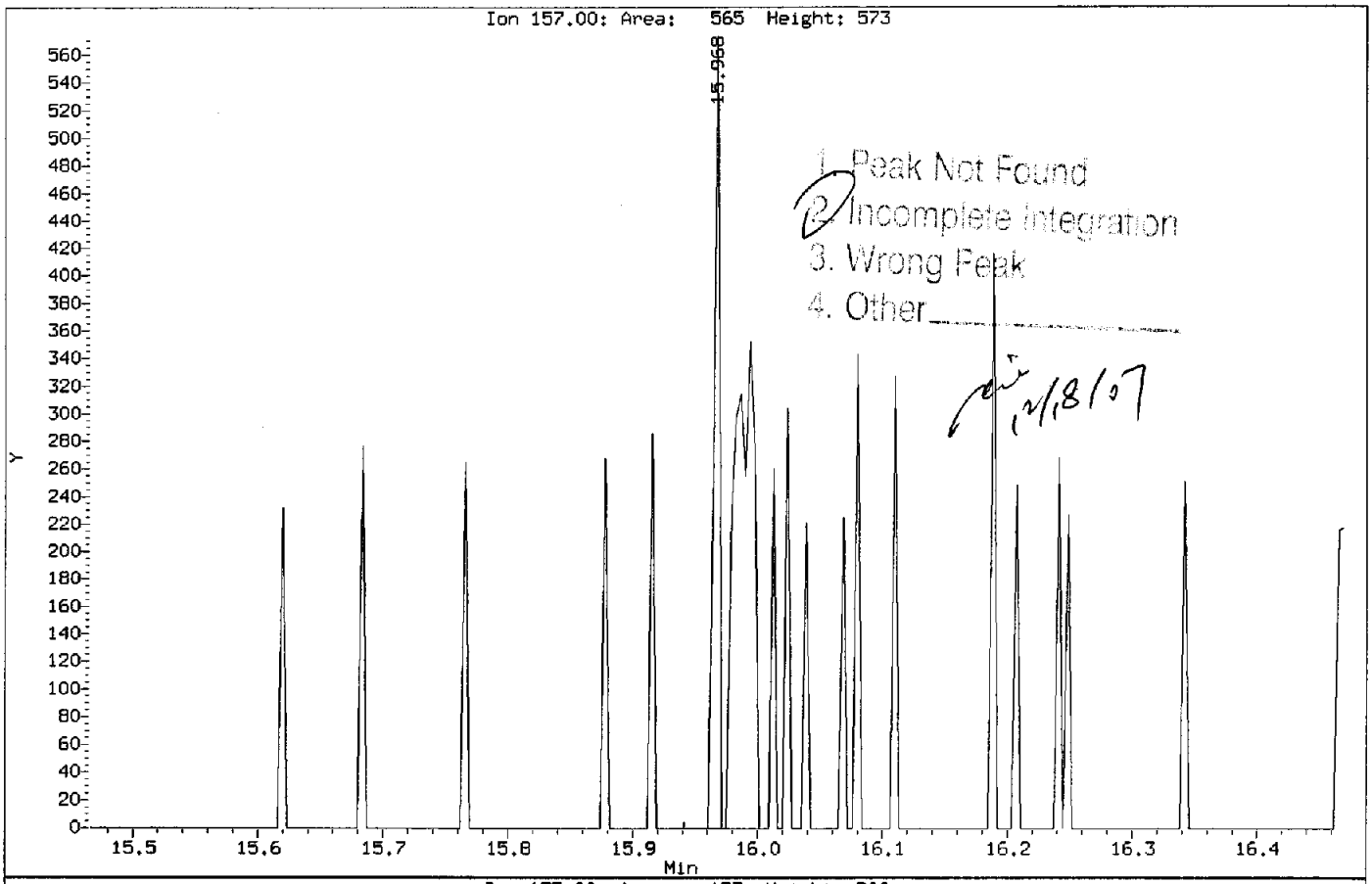
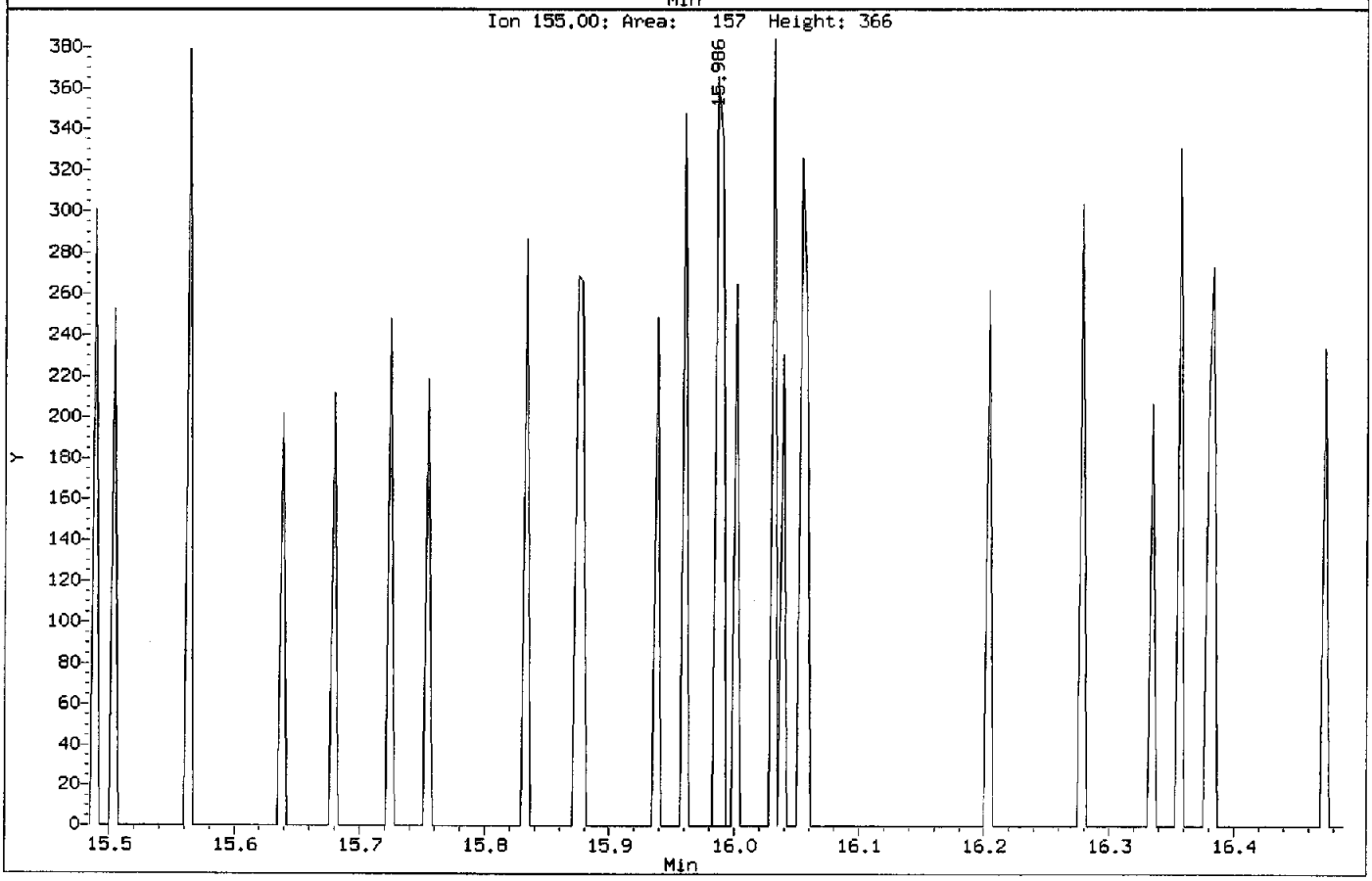
Instrument: MSL.i
Client Sample ID: VSTD0.5

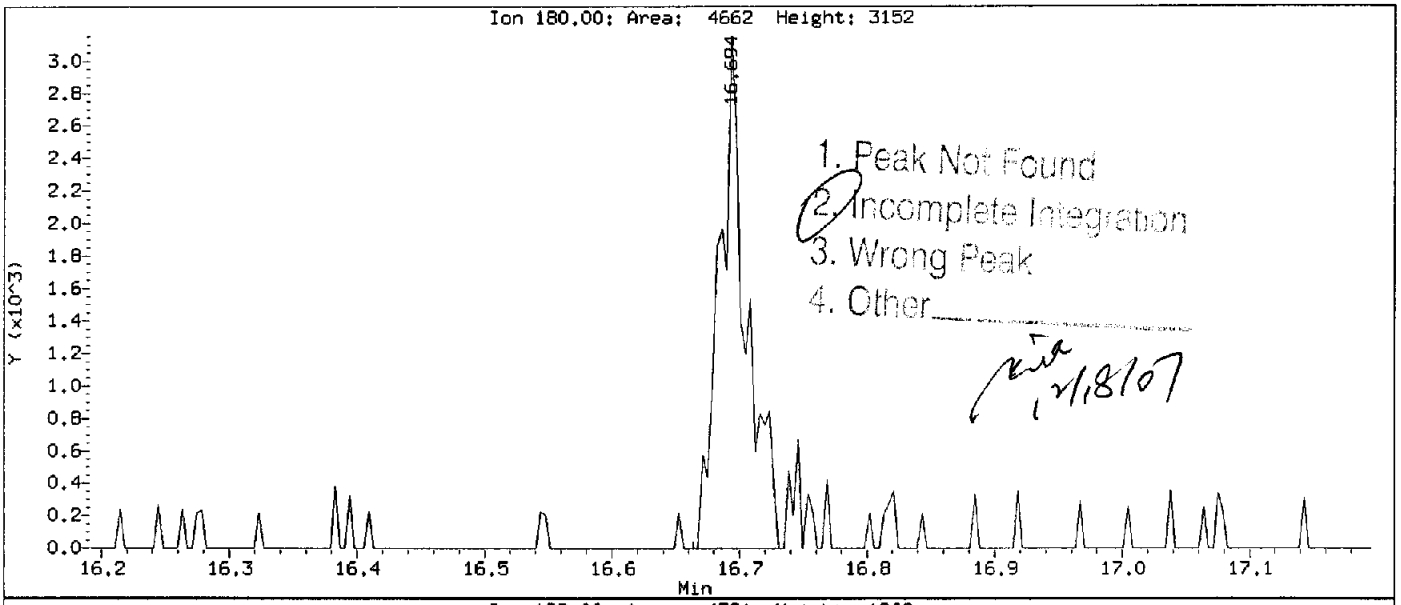
Compound: 1,2-Dibromo-3-chloropropane
CAS Number: 96-12-8

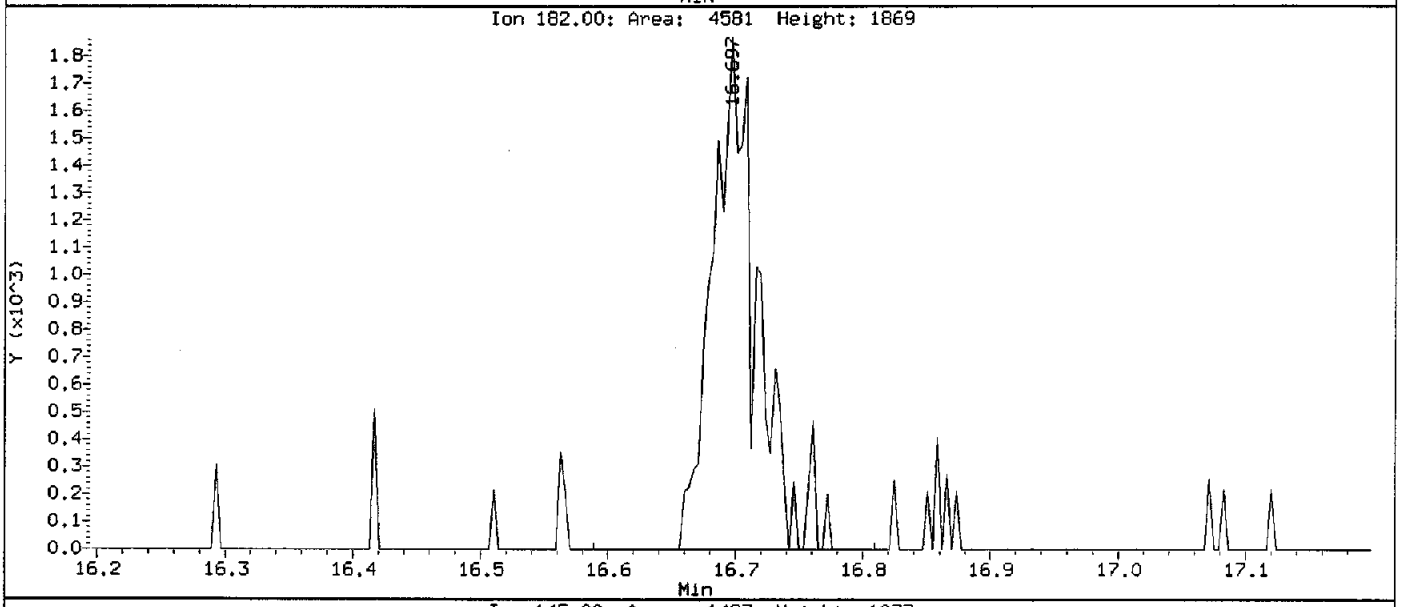


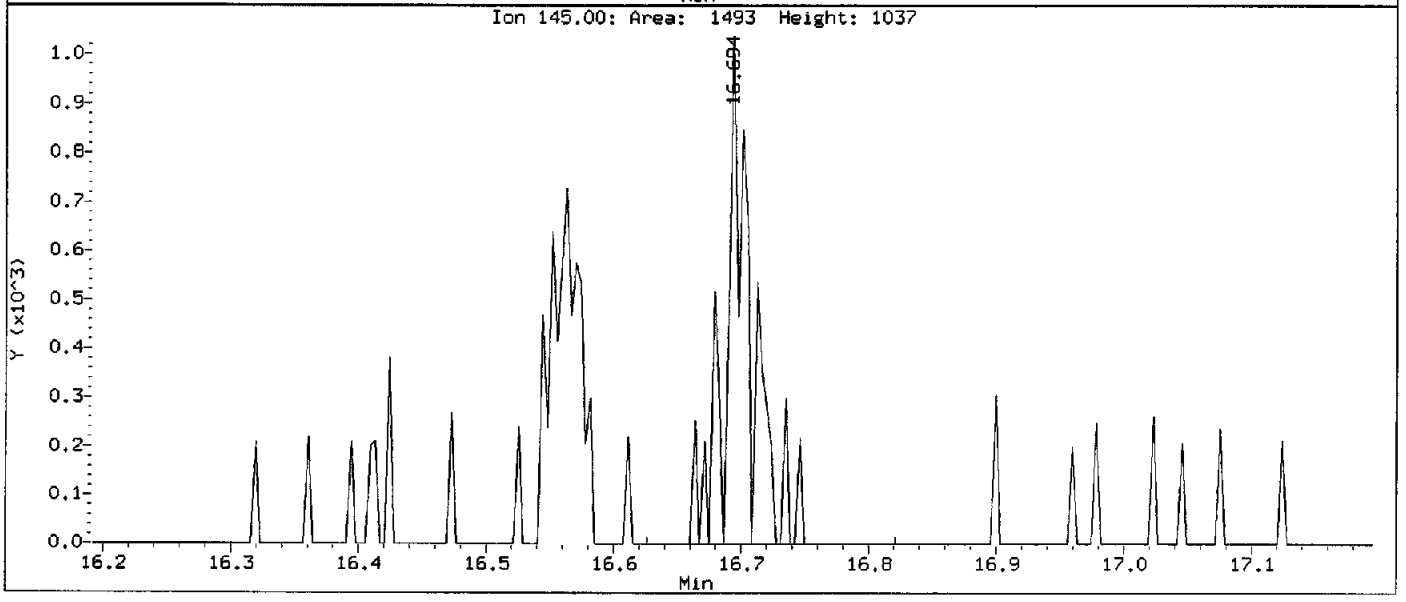


Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,2,4-Trichlorobenzene
CAS Number: 120-82-1

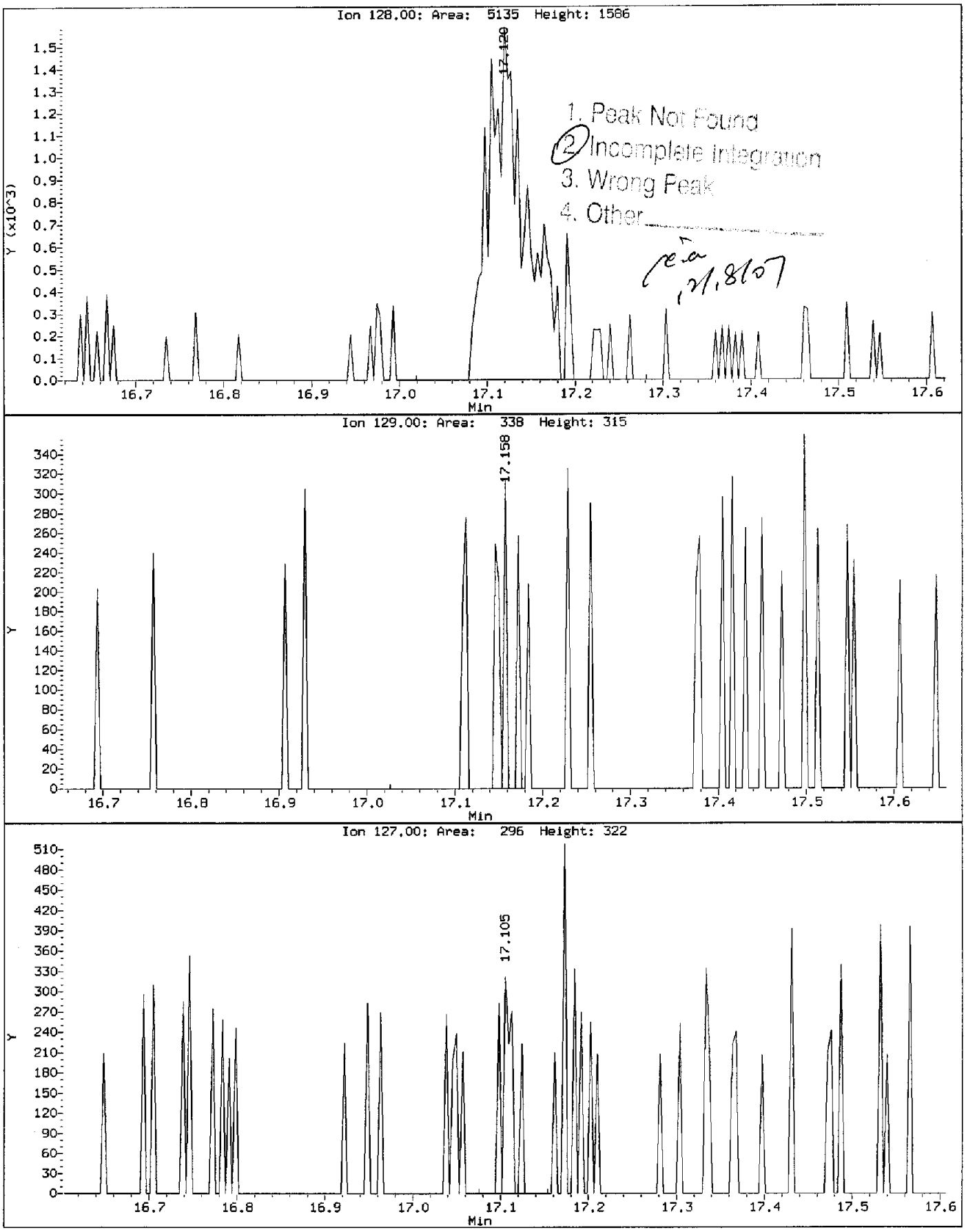






Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7330.D
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: Naphthalene
CAS Number: 91-20-3



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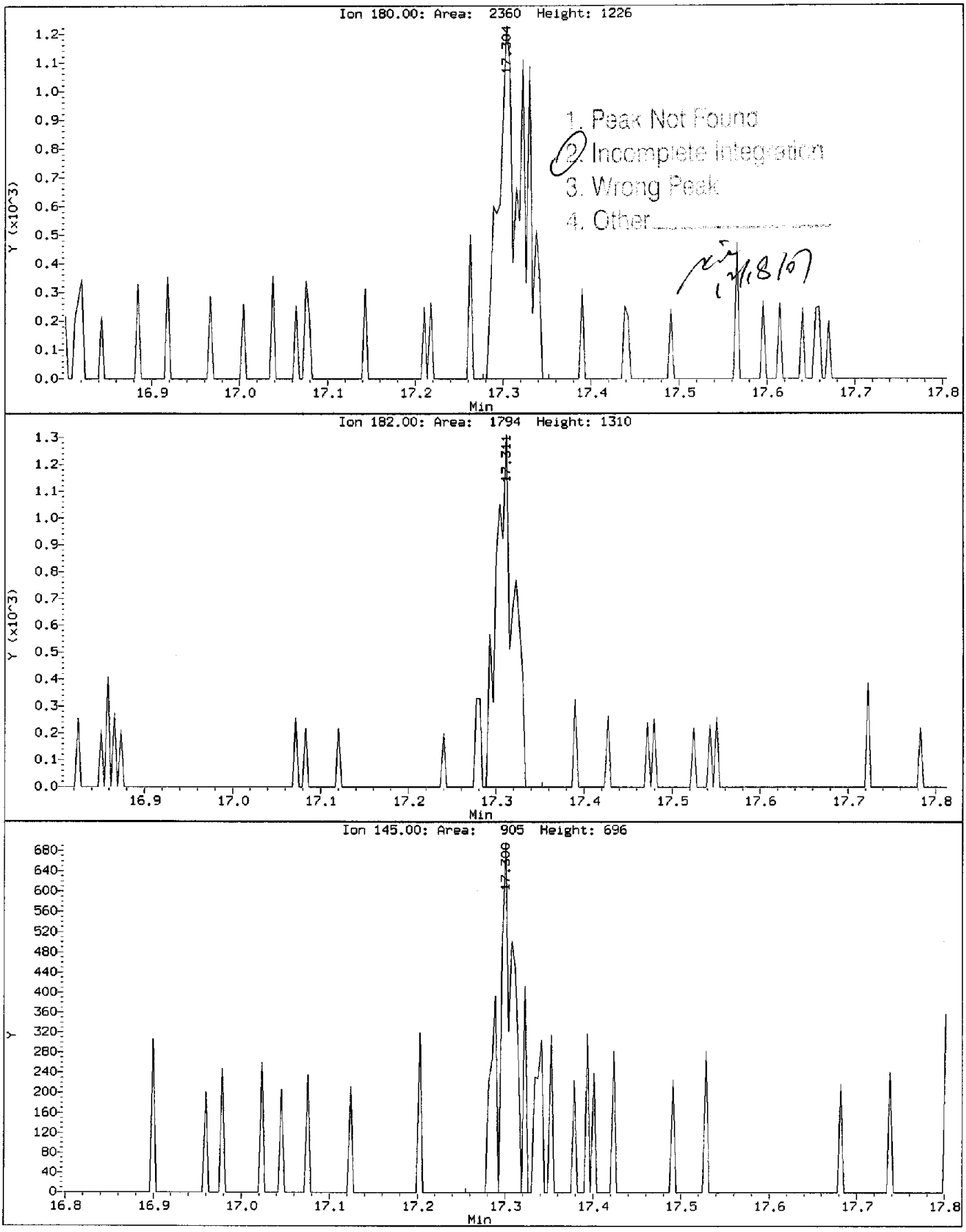
Injection Date: 17-DEC-2007 16:42
Instrument: MSL.i
Client Sample ID: VSTD0.5

Compound: 1,2,3-Trichlorobenzene
CAS Number: 87-61-6



Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Lab Smp Id: VSTD20 Client Smp ID: VSTD20
Inj Date : 17-DEC-2007 17:07
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD20;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 11:25 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:07 Cal File: LCAL7331.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.460	3.460	(0.358)	558104	20.0000	17.63
	2 Freon-114	135	3.741	3.741	(0.387)	124934	20.0000	16.77
	3 Chloromethane	50	3.902	3.902	(0.403)	1018261	20.0000	17.69
	4 Vinyl Chloride	62	4.097	4.097	(0.424)	850758	20.0000	17.46
	5 Bromomethane	94	4.800	4.800	(0.496)	541733	20.0000	18.98
	6 Chloroethane	64	5.021	5.021	(0.519)	587913	20.0000	19.97
	7 Trichlorofluoromethane	101	5.279	5.279	(0.546)	803218	20.0000	18.24
	8 Diethyl ether	59	5.792	5.792	(0.599)	330166	40.0000	39.67
	9 1,1-Dichloroethene	96	6.151	6.151	(0.636)	439872	20.0000	18.64
	10 1,1,2-Trichlorofluoroethane	101	6.132	6.132	(0.634)	419401	20.0000	17.59
	11 Carbon Disulfide	76	6.308	6.308	(0.652)	1405930	20.0000	18.13
	12 Iodomethane	142	6.436	6.436	(0.665)	130042	20.0000	15.79
	13 Acrolein	56	6.619	6.619	(0.684)	33714	100.000	86.15(H)
	14 Allyl chloride	39	6.813	6.813	(0.704)	493193	20.0000	18.50
	15 Methylene Chloride	84	6.967	6.967	(0.720)	411429	20.0000	18.70
	16 Acetone	43	6.974	6.974	(0.721)	36533	20.0000	19.33
	17 trans-1,2-Dichloroethene	96	7.180	7.180	(0.742)	533992	20.0000	18.82
	18 n-Hexane	57	7.176	7.176	(0.742)	966226	20.0000	19.29
	19 Methyl Acetate	74	7.124	7.124	(0.737)	37794	20.0000	17.88
	20 MTBE	73	7.214	7.214	(0.746)	499773	20.0000	19.46
M	21 1,2-Dichloroethene (total)	96				1011161	40.0000	38.37
	22 Acetonitrile	41	7.562	7.562	(0.782)	56460	100.000	94.35

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
23	Acrylonitrile	53	7.910	7.910	(0.818)	237334	100.000	108.8
24	1,1-Dichloroethane	63	7.873	7.873	(0.814)	952914	20.0000	19.07
25	2-Chloro-1,3-butadiene	53	7.839	7.839	(0.810)	761321	20.0000	18.92
26	Vinyl acetate	43	8.078	8.078	(0.835)	271825	20.0000	21.49
27	cis-1,2-Dichloroethene	96	8.456	8.456	(0.874)	477169	20.0000	19.55
28	2,2-Dichloropropane	77	8.539	8.539	(0.883)	747927	20.0000	17.95
29	Bromochloromethane	128	8.700	8.700	(0.899)	104147	20.0000	18.38
30	Cyclohexane	84	8.666	8.666	(0.896)	829626	20.0000	18.92
31	Chloroform	83	8.707	8.707	(0.900)	767305	20.0000	18.75
32	Ethyl acetate	43	8.748	8.748	(0.904)	47538	40.0000	40.16(M)
33	Carbon Tetrachloride	117	8.898	8.898	(0.920)	606167	20.0000	18.12
34	Isobutanol	42	8.890	8.890	(0.919)	149309	400.000	372.6
35	Tetrahydrofuran	71	8.890	8.890	(0.919)	59747	100.000	105.0
$ 36	Dibromofluoromethane	113	8.905	8.905	(0.921)	299747	20.0000	20.45
37	1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	748460	20.0000	18.60
38	2-Butanone	43	8.962	8.962	(0.926)	36597	20.0000	18.30(M)
39	1,1-Dichloropropene	75	9.051	9.051	(0.936)	731899	20.0000	18.77
40	Benzene	78	9.313	9.313	(0.963)	2153515	20.0000	18.82
41	Propionitrile	54	9.276	9.276	(0.959)	71166	100.000	102.1
42	Methacrylonitrile	41	9.283	9.283	(0.960)	360589	100.000	95.79(H)
$ 43	1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	225545	20.0000	19.56
44	1,2-Dichloroethane	62	9.512	9.512	(0.983)	299993	20.0000	19.53
* 45	Fluorobenzene	96	9.673	9.673	(1.000)	988782	10.0000	
46	n-Butanol	56	10.009	10.009	(1.035)	13124	200.000	163.5(M)
47	Methylcyclohexane	55	9.815	9.815	(1.015)	772079	20.0000	18.60
48	Trichloroethene	130	9.852	9.852	(1.019)	513602	20.0000	18.54
49	Dibromomethane	93	10.312	10.312	(1.066)	91262	20.0000	18.44
50	1,2-Dichloropropane	63	10.324	10.324	(1.067)	421350	20.0000	19.44
51	Bromodichloromethane	83	10.387	10.387	(1.074)	405839	20.0000	19.51
M 52	Xylenes (total)	106				3101862	60.0000	58.61
53	Methyl methacrylate	69	10.402	10.402	(1.075)	87448	20.0000	21.46(H)
54	1,4-Dioxane	88	10.552	10.552	(1.091)	26796	400.000	273.9(M)
55	2-chloroethyl vinyl ether	63	10.799	10.799	(1.116)	58508	20.0000	21.82
56	cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	391453	20.0000	18.22
$ 57	Toluene-d8	98	11.083	11.083	(0.885)	1723837	20.0000	19.24
58	Toluene	91	11.136	11.136	(0.889)	2324300	20.0000	18.50
59	2-Nitro-Propane	43	11.300	11.300	(0.902)	64050	20.0000	18.54
60	4-Methyl-2-pentanone	43	11.357	11.357	(0.907)	105326	20.0000	19.76
61	trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	280245	20.0000	18.74
62	Tetrachloroethene	164	11.521	11.521	(0.920)	374137	20.0000	17.82
63	Ethyl methacrylate	69	11.503	11.503	(0.918)	202828	20.0000	17.85(H)
64	1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	166045	20.0000	19.96
65	Chlorodibromomethane	129	11.892	11.892	(0.949)	175119	20.0000	19.65
66	1,3-Dichloropropane	76	11.907	11.907	(0.950)	322073	20.0000	18.86
67	1,2-Dibromoethane	107	12.146	12.146	(0.970)	119214	20.0000	18.08
68	2-Hexanone	43	12.113	12.113	(0.967)	61535	20.0000	19.10
69	Ethylbenzene	106	12.498	12.498	(0.998)	841851	20.0000	18.67
* 70	Chlorobenzene-d5	117	12.528	12.528	(1.000)	599298	10.0000	
71	Chlorobenzene	112	12.547	12.547	(1.001)	1161723	20.0000	18.07
72	1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	322526	20.0000	18.74
73	m,p-Xylenes	106	12.614	12.614	(1.007)	2232498	40.0000	39.22
74	o-Xylene	106	13.033	13.033	(1.040)	869364	20.0000	19.39
75	Styrene	104	13.089	13.089	(1.045)	1235291	20.0000	18.77
76	Bromoform	173	13.258	13.258	(0.901)	74540	20.0000	20.51

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Report Date: 18-Dec-2007 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	2324560	20.0000	18.22
$ 78	4-Bromofluorobenzene	95	13.643	13.643	(0.927)	424249	20.0000	19.11
79	n-Propylbenzene	91	13.681	13.681	(0.929)	3310650	20.0000	18.63
80	Bromobenzene	156	13.789	13.789	(0.937)	335804	20.0000	18.59
81	1,1,2,2-Tetrachloroethane	83	13.767	13.767	(0.935)	168889	20.0000	18.41
82	1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	2054444	20.0000	19.01
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	1573904	20.0000	18.56
84	1,2,3-Trichloropropane	110	13.931	13.931	(0.946)	46471	20.0000	19.60
85	trans-1,4-dichloro-2-butene	53	13.927	13.927	(0.946)	40479	20.0000	18.52
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	1515037	20.0000	19.12
87	Cyclohexanone	55	14.006	14.006	(0.951)	31967	200.000	171.2
88	t-Butylbenzene	119	14.160	14.160	(0.962)	1772319	20.0000	18.35
89	Pentachloroethane	167	14.279	14.279	(0.970)	176205	20.0000	19.39
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1984816	20.0000	18.94
91	sec-Butylbenzene	105	14.332	14.332	(0.974)	2900451	20.0000	18.30
92	4-Isopropyltoluene	119	14.436	14.436	(0.981)	2273138	20.0000	18.89
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	773881	20.0000	18.60
* 94	1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	225934	10.0000	
95	1,4-Dichlorobenzene	146	14.740	14.740	(1.001)	726619	20.0000	17.71
96	n-Butylbenzene	91	14.859	14.859	(1.009)	2450501	20.0000	19.13
98	1,2-Dichlorobenzene	146	15.162	15.162	(1.030)	577195	20.0000	18.75
99	1,2-Dibromo-3-chloropropane	157	15.967	15.967	(1.085)	17238	20.0000	18.78
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	207589	20.0000	17.15
101	1,2,4-Trichlorobenzene	180	16.674	16.674	(1.133)	296679	20.0000	21.37
102	Naphthalene	128	17.071	17.071	(1.160)	372824	20.0000	19.85(H)
103	1,2,3-Trichlorobenzene	180	17.292	17.292	(1.175)	168938	20.0000	21.74
143	Nonanal	57	15.746	15.746	(1.628)	152175	20.0000	17.38
$ 158	1,2-Dichlorobenzene-d4	150	15.151	15.151	(1.029)	572026	20.0000	19.68

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Report Date: 18-Dec-2007 11:25

STL St. Louis

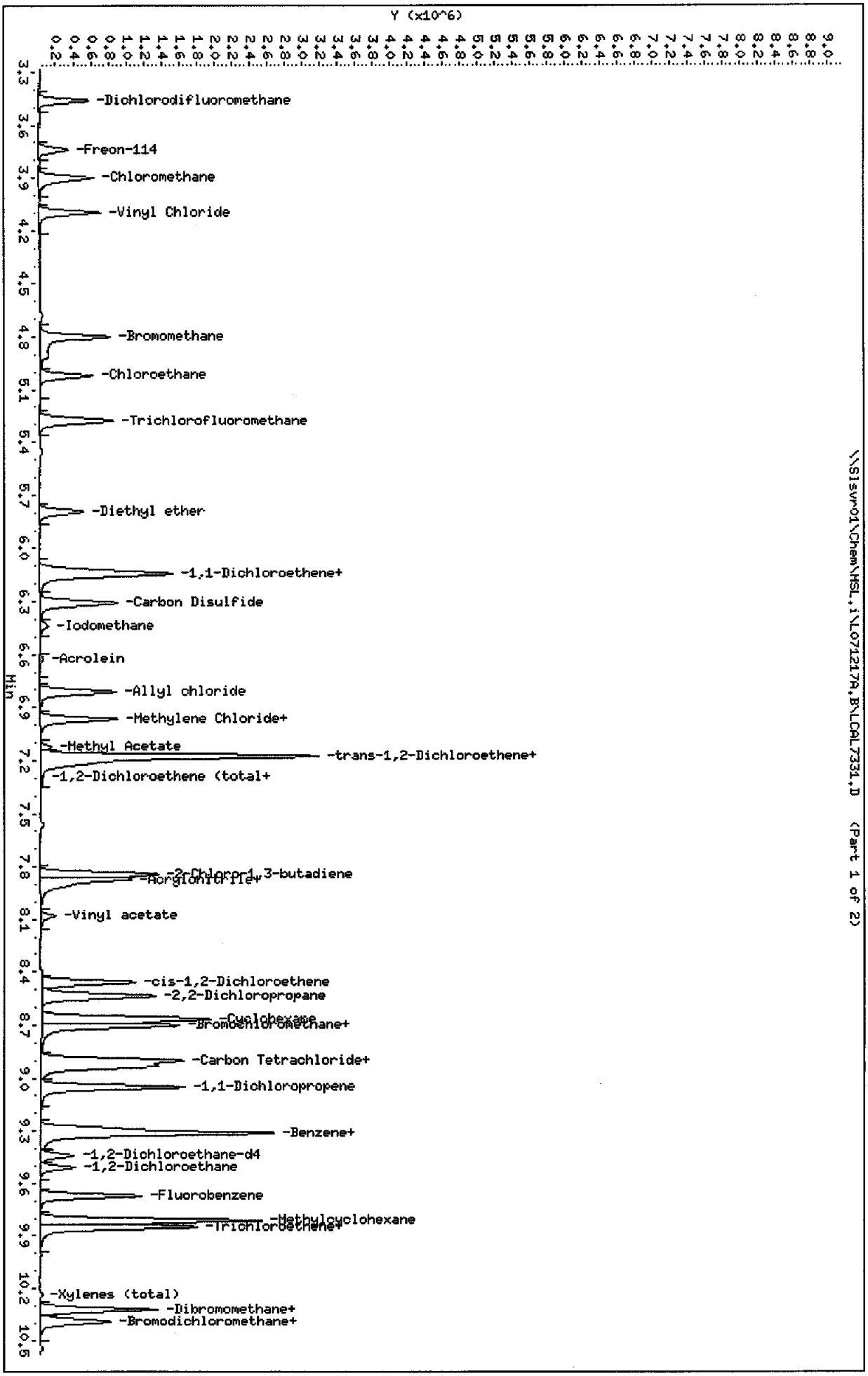
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LCAL7331.D
Lab Smp Id: VSTD20
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD20
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	988782	0.49
70 Chlorobenzene-d5	563731	281866	1127462	599298	6.31
94 1,4 Dichlorobenze	211084	105542	422168	225934	7.04

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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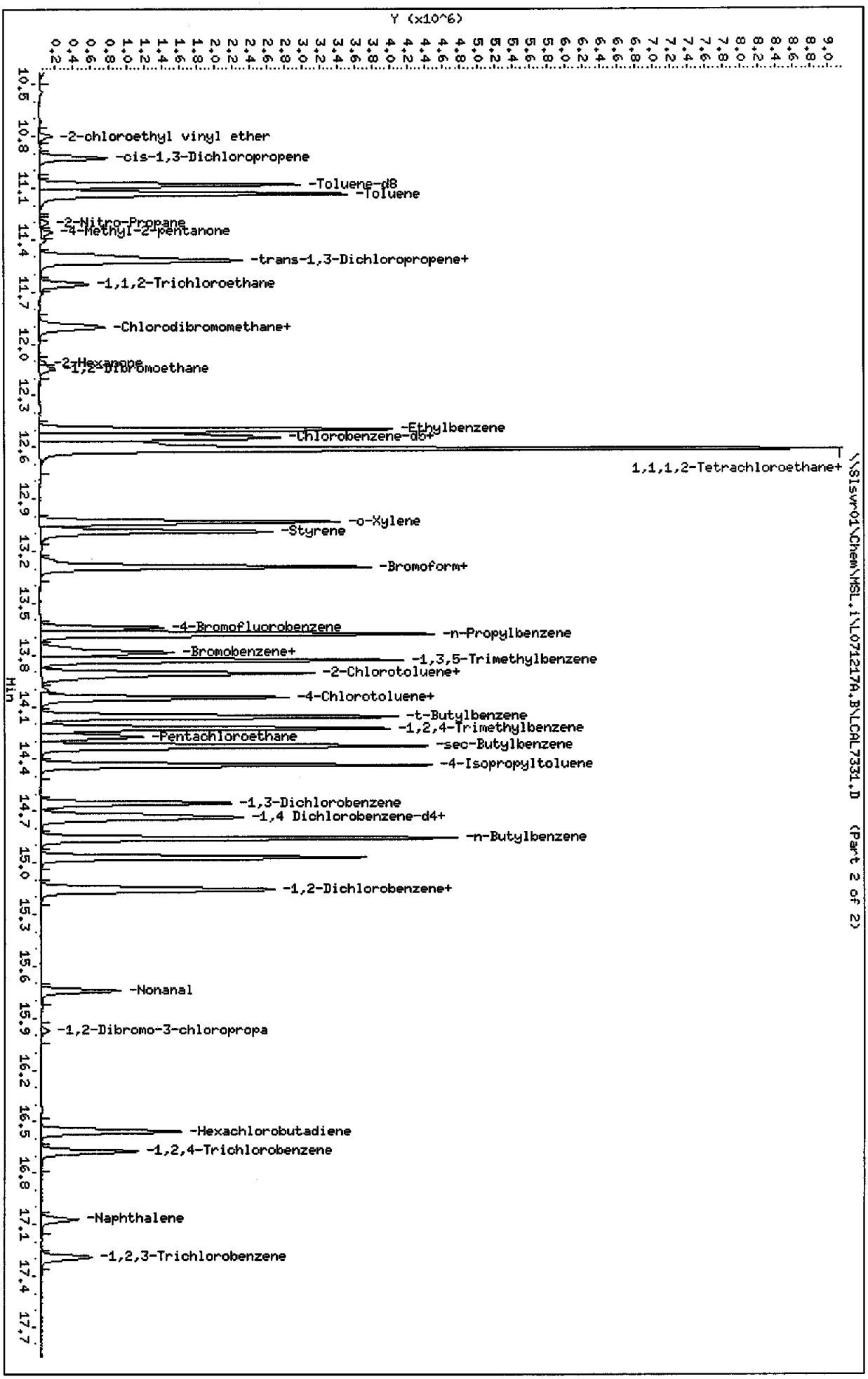
Date : 17-DEC-2007 17:07
Client ID: VSTD20
Sample Info: VSTD20;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Acrolein
-Allyl chloride
-Methylene Chloride+
-Methyl Acetate
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-2-Chloro-1,3-butadiene
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+



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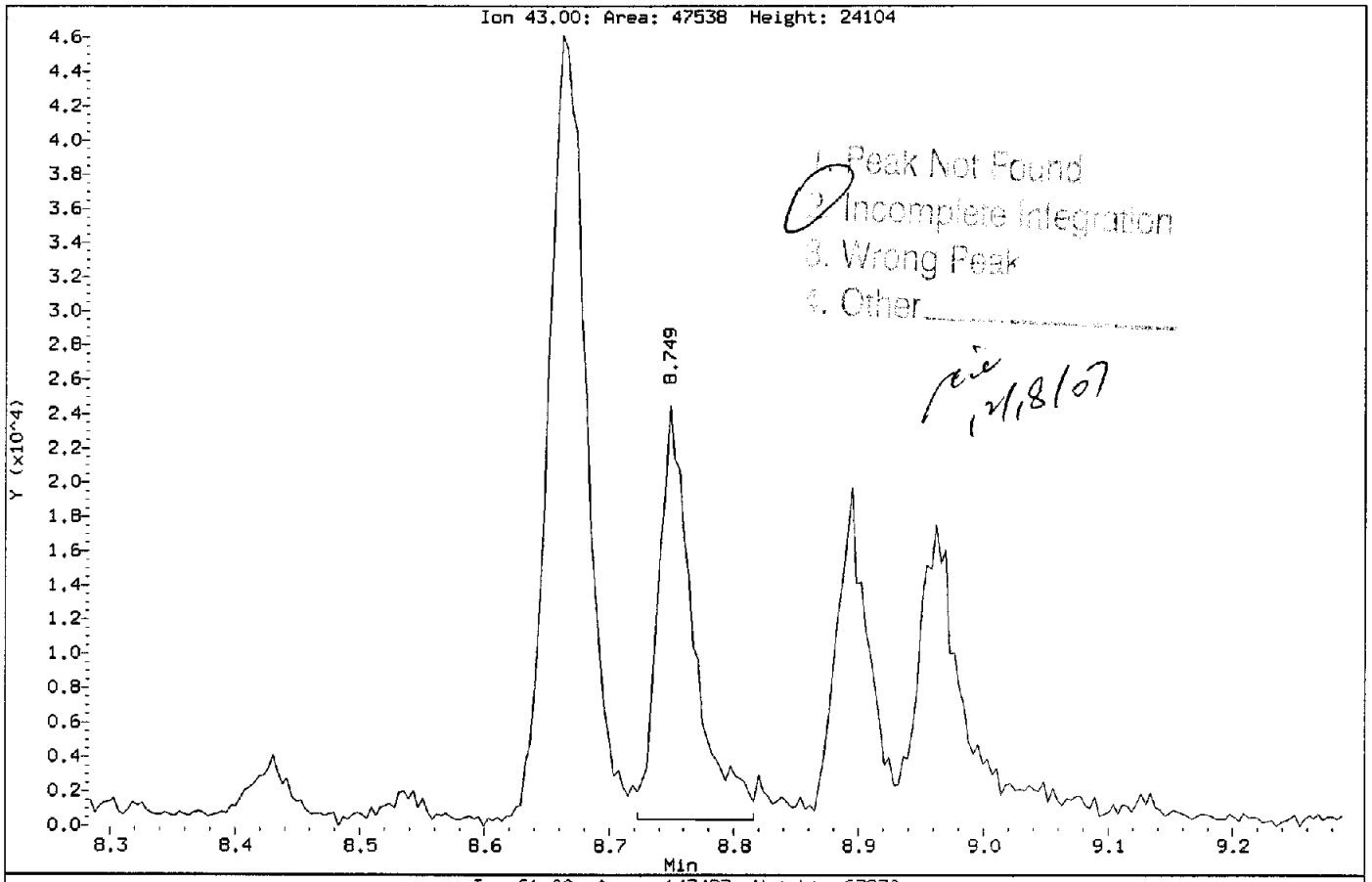
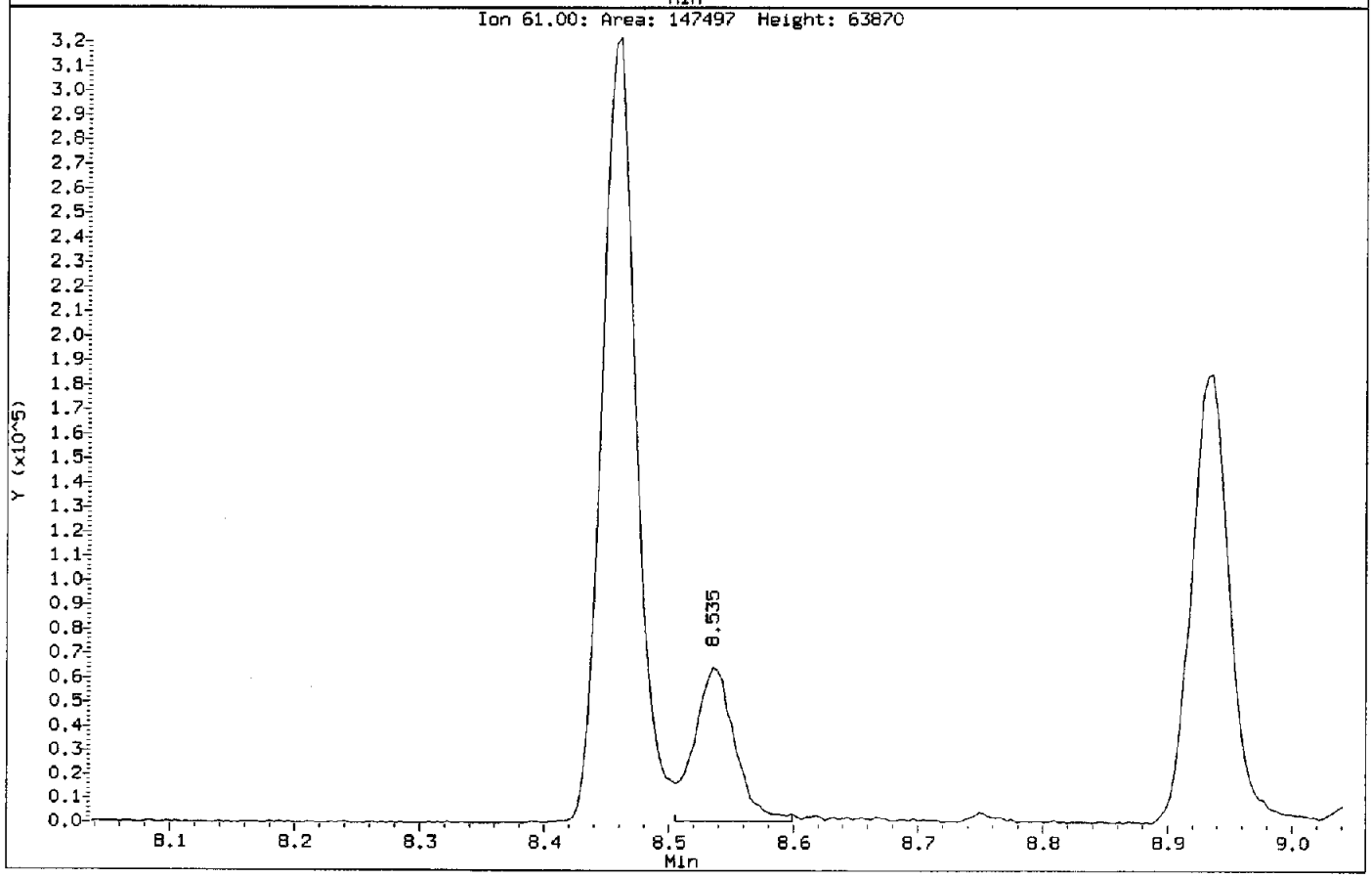
Date : 17-DEC-2007 17:07
Client ID: VSTD20
Sample Info: VSTD20;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Injection Date: 17-DEC-2007 17:07
Instrument: MSL.i
Client Sample ID: VSTD20

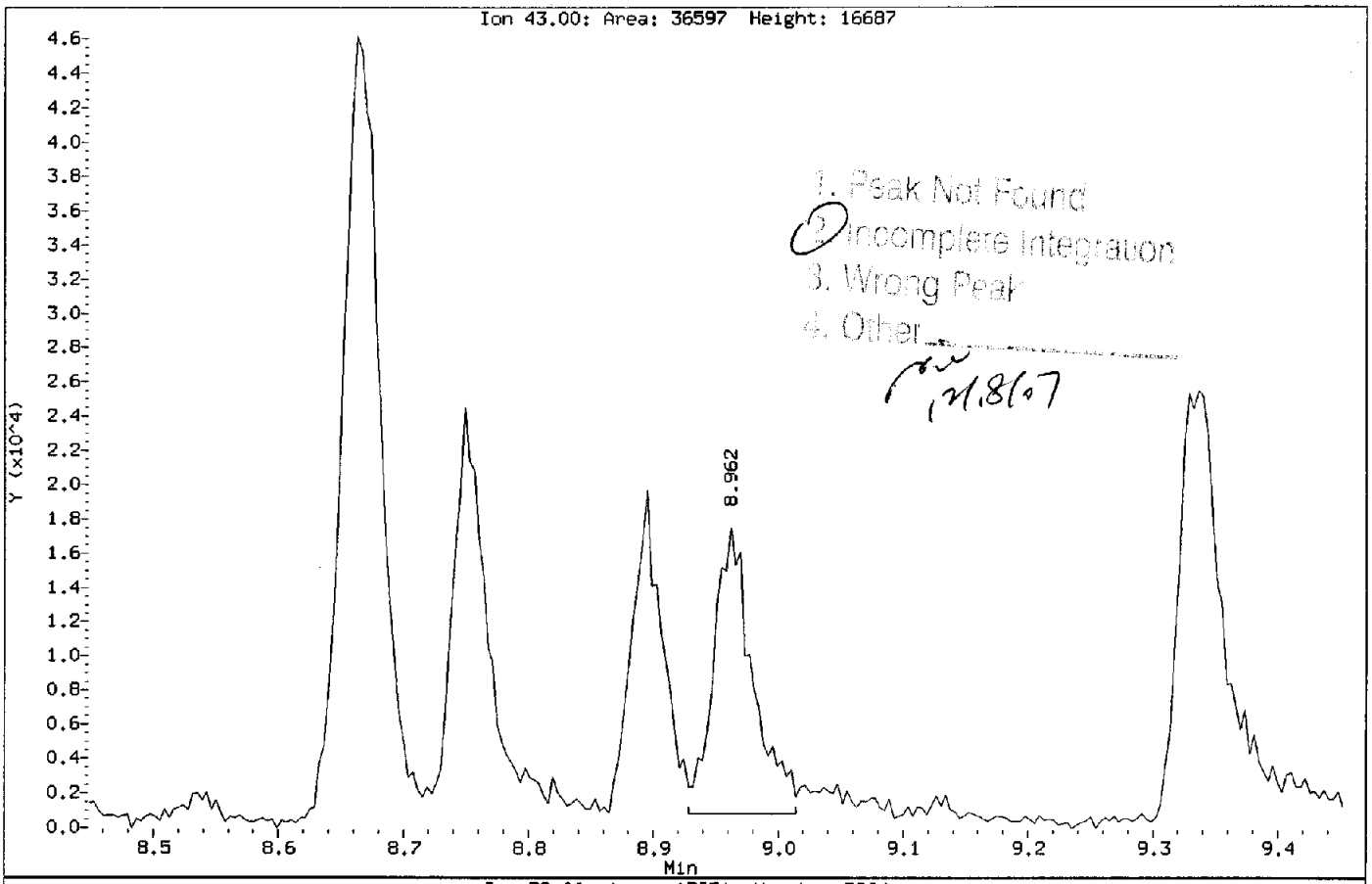
Compound: Ethyl acetate
CAS Number: 141-78-6

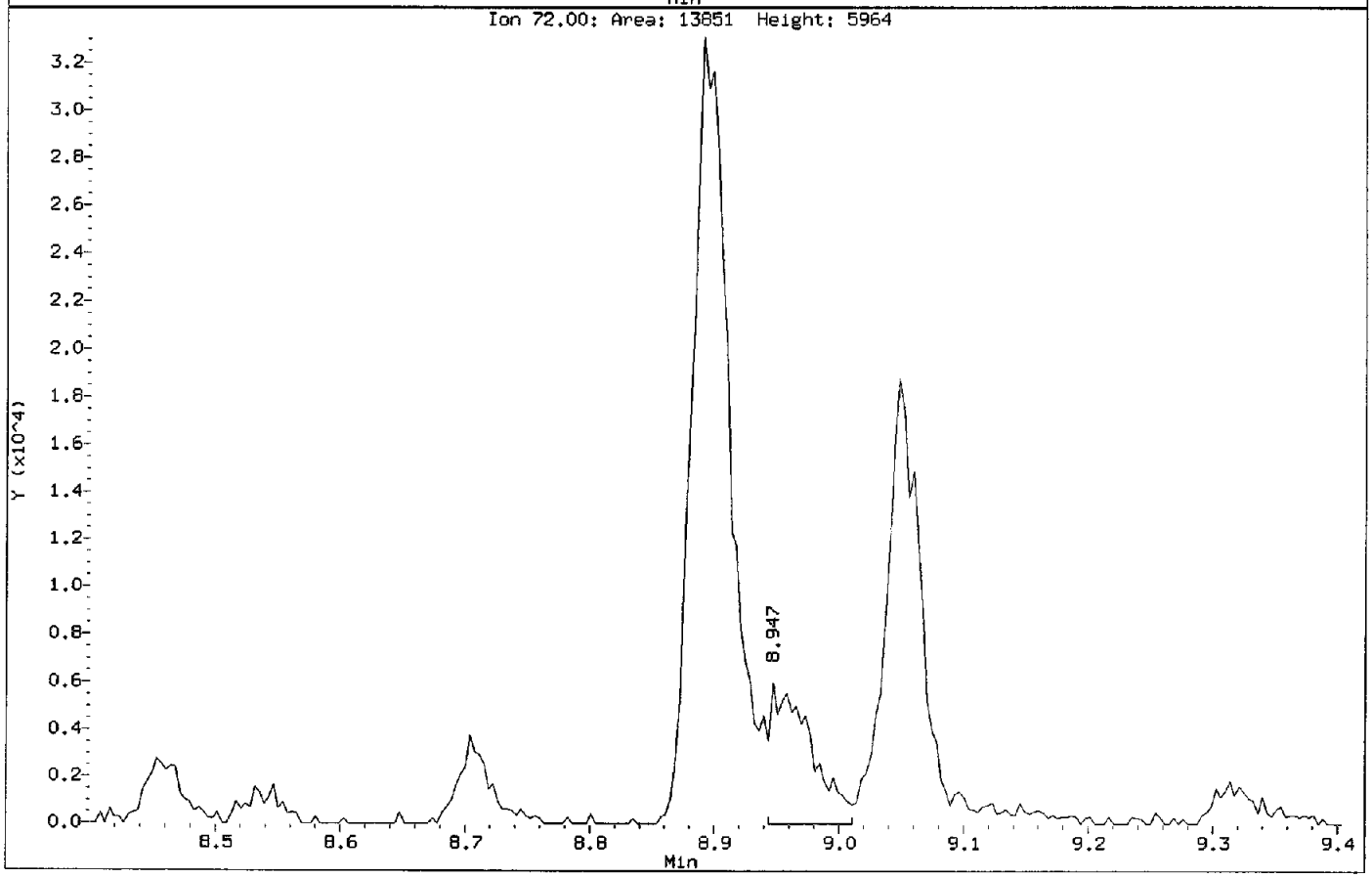




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Injection Date: 17-DEC-2007 17:07
Instrument: MSL.i
Client Sample ID: VSTD20

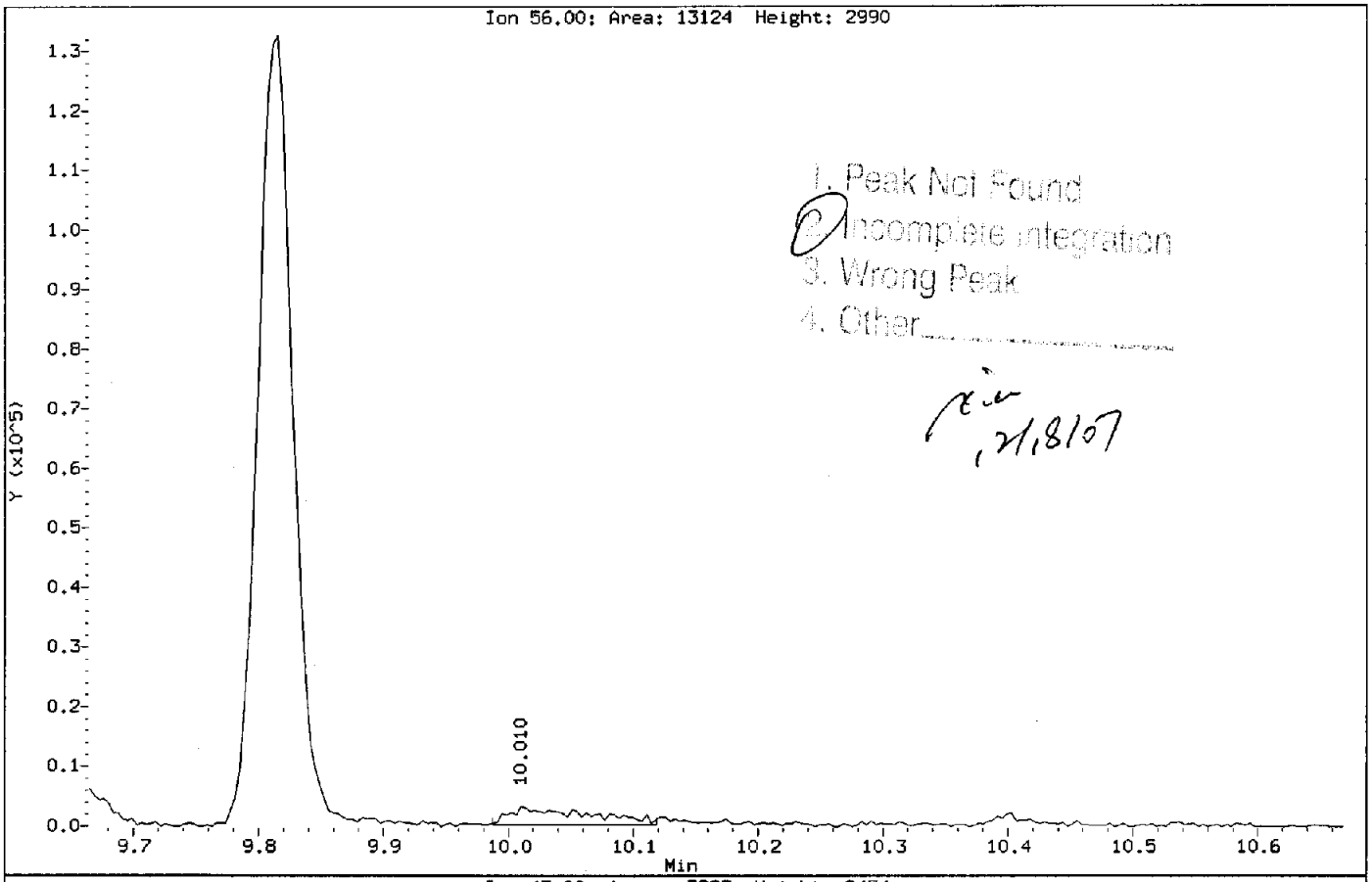
Compound: 2-Butanone
CAS Number: 78-93-3

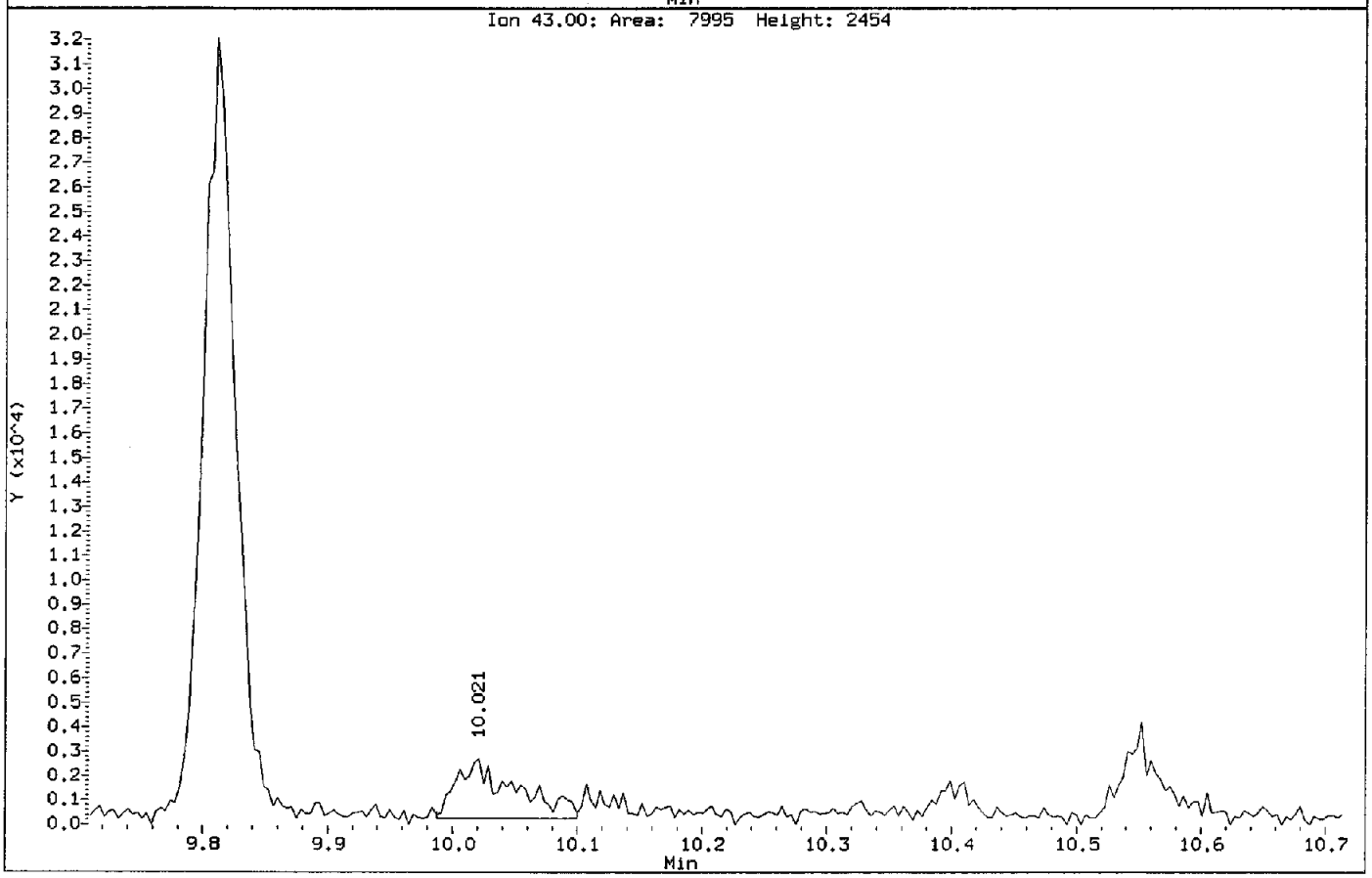




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Injection Date: 17-DEC-2007 17:07
Instrument: MSL.i
Client Sample ID: VSTD20

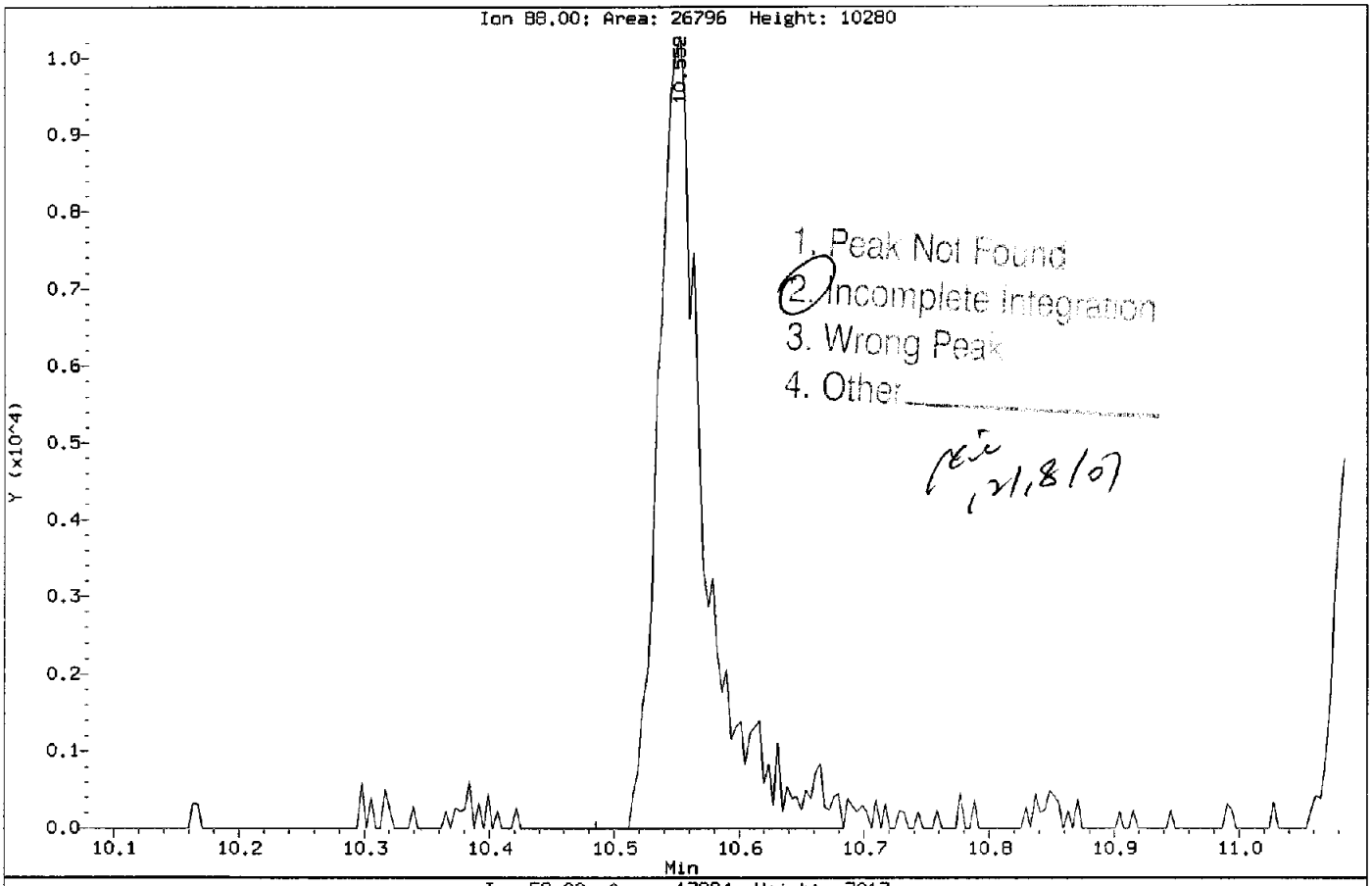
Compound: n-Butanol
CAS Number: 71-36-3

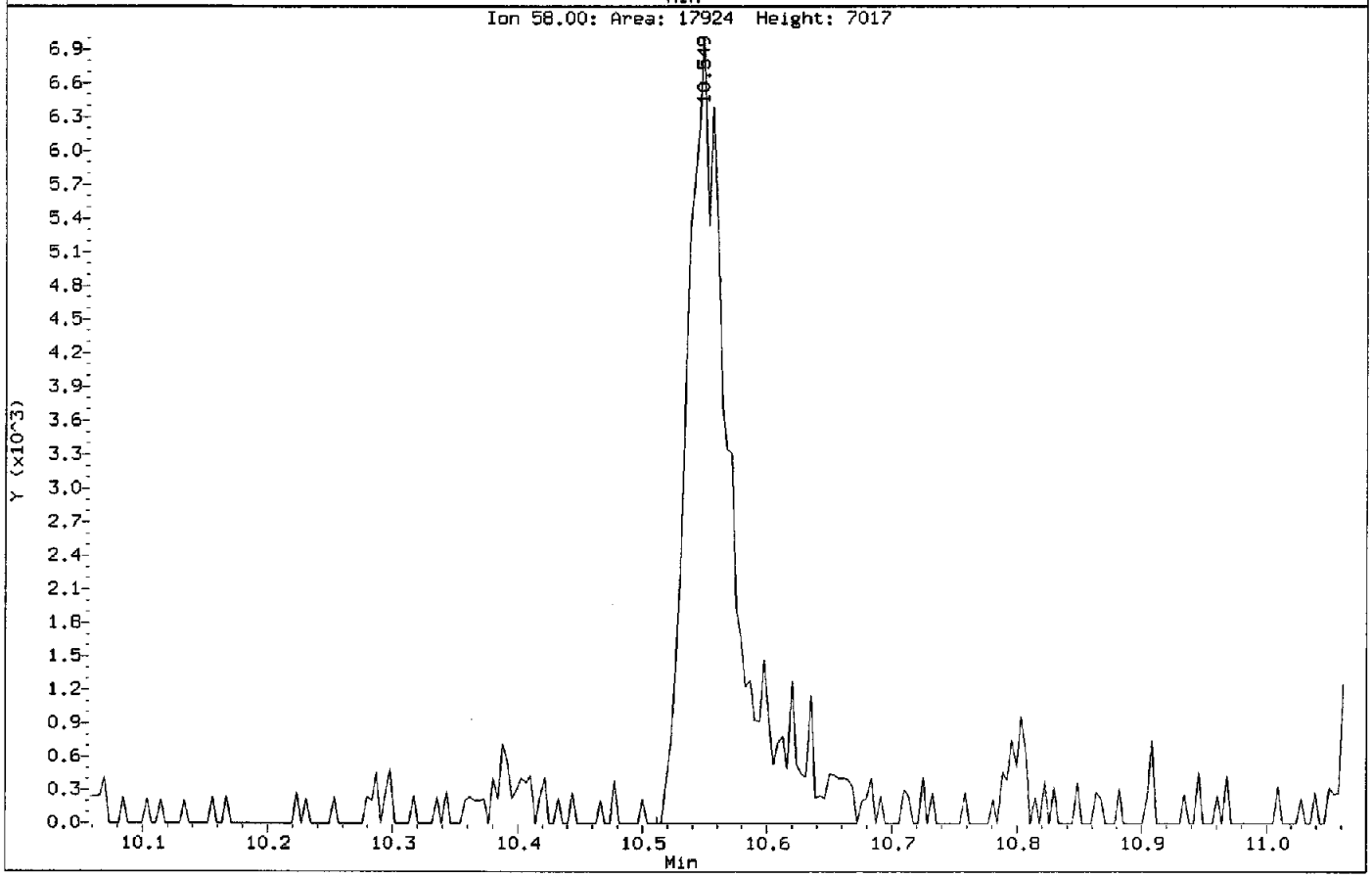




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7331.D
Injection Date: 17-DEC-2007 17:07
Instrument: MSL.i
Client Sample ID: VSTD20

Compound: 1,4-Dioxane
CAS Number: 123-91-1





Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Report Date: 18-Dec-2007 11:26

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Lab Smp Id: VSTD40 Client Smp ID: VSTD40
Inj Date : 17-DEC-2007 17:33
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD40;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 11:26 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 7 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 86524.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1	Dichlorodifluoromethane	85	3.461	3.461	(0.358)	1374118	40.0000	36.75
2	Freon-114	135	3.737	3.737	(0.386)	310783	40.0000	35.33
3	Chloromethane	50	3.898	3.898	(0.403)	2325775	40.0000	34.21
4	Vinyl Chloride	62	4.097	4.097	(0.424)	2228301	40.0000	38.72
5	Bromomethane	94	4.797	4.797	(0.496)	1329538	40.0000	39.97
6	Chloroethane	64	5.010	5.010	(0.518)	1678974	40.0000	48.28(A)
7	Trichlorofluoromethane	101	5.268	5.268	(0.545)	2145766	40.0000	40.80(A)
8	Diethyl ether	59	5.792	5.792	(0.599)	833271	80.0000	84.78(A)
9	1,1-Dichloroethene	96	6.147	6.147	(0.636)	1183161	40.0000	42.46(A)
10	1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	1114301	40.0000	39.58
11	Carbon Disulfide	76	6.305	6.305	(0.652)	3671665	40.0000	40.10(A)
12	Iodomethane	142	6.428	6.428	(0.665)	465272	40.0000	47.82(A)
13	Acrolein	56	6.619	6.619	(0.684)	96462	200.000	205.3(A)
14	Allyl chloride	39	6.810	6.810	(0.704)	1266140	40.0000	40.21(A)
15	Methylene Chloride	84	6.963	6.963	(0.720)	990411	40.0000	38.11
16	Acetone	43	6.974	6.974	(0.721)	86228	40.0000	40.50(A)
17	trans-1,2-Dichloroethene	96	7.177	7.177	(0.742)	1449005	40.0000	43.25(A)
18	n-Hexane	57	7.177	7.177	(0.742)	2632206	40.0000	44.50(A)
19	Methyl Acetate	74	7.117	7.117	(0.736)	100764	40.0000	40.35(A)
20	MTBE	73	7.214	7.214	(0.746)	1237130	40.0000	40.42(A)
M 21	1,2-Dichloroethene (total)	96				2607967	80.0000	83.45
22	Acetonitrile	41	7.558	7.558	(0.781)	143067	200.000	203.3(A)

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Report Date: 18-Dec-2007 11:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
23	Acrylonitrile	53	7.903	7.903	(0.817)	617808	200.000	239.8(A)
24	1,1-Dichloroethane	63	7.873	7.873	(0.814)	2430822	40.0000	41.18(A)
25	2-Chloro-1,3-butadiene	53	7.839	7.839	(0.810)	2060508	40.0000	43.35(A)
26	Vinyl acetate	43	8.075	8.075	(0.835)	675304	40.0000	45.20(A)
27	cis-1,2-Dichloroethene	96	8.456	8.456	(0.874)	1158962	40.0000	40.20(A)
28	2,2-Dichloropropane	77	8.535	8.535	(0.882)	1979138	40.0000	40.22(A)
29	Bromochloromethane	128	8.700	8.700	(0.899)	260759	40.0000	38.97
30	Cyclohexane	84	8.666	8.666	(0.896)	2167565	40.0000	41.86(A)
31	Chloroform	83	8.703	8.703	(0.900)	2093516	40.0000	43.31(A)
32	Ethyl acetate	43	8.745	8.745	(0.904)	112900	80.0000	80.20(AM)
33	Carbon Tetrachloride	117	8.898	8.898	(0.920)	1719523	40.0000	43.53(A)
34	Isobutanol	42	8.891	8.891	(0.919)	393308	800.000	815.0(A)
35	Tetrahydrofuran	71	8.894	8.894	(0.920)	151629	200.000	225.6(A)
$ 36	Dibromofluoromethane	113	8.905	8.905	(0.921)	812663	40.0000	46.94(A)
37	1,1,1-Trichloroethane	97	8.932	8.932	(0.923)	2028625	40.0000	42.69(A)
38	2-Butanone	43	8.954	8.954	(0.926)	97129	40.0000	40.84(A)
39	1,1-Dichloropropene	75	9.048	9.048	(0.935)	1986488	40.0000	43.13(A)
40	Benzene	78	9.313	9.313	(0.963)	5597526	40.0000	41.43(A)
41	Propionitrile	54	9.272	9.272	(0.959)	170602	200.000	207.3(A)
42	Methacrylonitrile	41	9.283	9.283	(0.960)	919065	200.000	202.7(A)
$ 43	1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	558459	40.0000	41.02(A)
44	1,2-Dichloroethane	62	9.508	9.508	(0.983)	741490	40.0000	40.87(A)
* 45	Fluorobenzene	96	9.673	9.673	(1.000)	1167796	10.0000	
46	n-Butanol	56	10.002	10.002	(1.034)	46265	400.000	488.0(A)
47	Methylcyclohexane	55	9.811	9.811	(1.014)	2143373	40.0000	43.72(A)
48	Trichloroethene	130	9.852	9.852	(1.019)	1363594	40.0000	41.67(A)
49	Dibromomethane	93	10.313	10.313	(1.066)	226172	40.0000	38.70
50	1,2-Dichloropropane	63	10.320	10.320	(1.067)	1049743	40.0000	41.00(A)
51	Bromodichloromethane	83	10.387	10.387	(1.074)	1011738	40.0000	41.18
M 52	Xylenes (total)	106				9121637	120.000	145.7
53	Methyl methacrylate	69	10.399	10.399	(1.075)	239781	40.0000	49.82(A)
54	1,4-Dioxane	88	10.548	10.548	(1.091)	57756	800.000	539.8(M)
55	2-chloroethyl vinyl ether	63	10.795	10.795	(1.116)	138700	40.0000	43.79(A)
56	cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	960394	40.0000	37.85
$ 57	Toluene-d8	98	11.083	11.083	(0.885)	4652938	40.0000	44.24(A)
58	Toluene	91	11.136	11.136	(0.889)	6171317	40.0000	41.86(A)
59	2-Nitro-Propane	43	11.301	11.301	(0.902)	168101	40.0000	40.88(A)
60	4-Methyl-2-pentanone	43	11.353	11.353	(0.906)	271218	40.0000	43.35(A)
61	trans-1,3-Dichloropropene	75	11.488	11.488	(0.917)	701926	40.0000	39.99
62	Tetrachloroethene	164	11.521	11.521	(0.920)	1011282	40.0000	40.93(A)
63	Ethyl methacrylate	69	11.503	11.503	(0.918)	572695	40.0000	41.10(A)
64	1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	390351	40.0000	40.10(A)
65	Chlorodibromomethane	129	11.892	11.892	(0.949)	423625	40.0000	40.49(A)
66	1,3-Dichloropropane	76	11.907	11.907	(0.950)	770195	40.0000	38.43
67	1,2-Dibromoethane	107	12.143	12.143	(0.969)	258241	40.0000	33.37
68	2-Hexanone	43	12.109	12.109	(0.967)	155815	40.0000	40.60(A)
69	Ethylbenzene	106	12.498	12.498	(0.998)	2252674	40.0000	42.55(A)
* 70	Chlorobenzene-d5	117	12.528	12.528	(1.000)	703426	10.0000	
71	Chlorobenzene	112	12.547	12.547	(1.001)	2943493	40.0000	39.02
72	1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	830333	40.0000	41.10(A)
73	m,p-Xylenes	106	12.614	12.614	(1.007)	6848721	80.0000	102.5(A)
74	o-Xylene	106	13.033	13.033	(1.040)	2272916	40.0000	43.20(A)
75	Styrene	104	13.086	13.086	(1.045)	3146172	40.0000	40.63(A)
76	Bromoform	173	13.258	13.258	(0.900)	181027	40.0000	42.19(A)

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Report Date: 18-Dec-2007 11:26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	6330576	40.0000	42.02(A)
$ 78	4-Bromofluorobenzene	95	13.643	13.643	(0.927)	1125713	40.0000	42.94(A)
79	n-Propylbenzene	91	13.681	13.681	(0.929)	9076987	40.0000	43.26(A)
80	Bromobenzene	156	13.789	13.789	(0.936)	820096	40.0000	38.45
81	1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	399044	40.0000	36.84
82	1,3,5-Trimethylbenzene	105	13.834	13.834	(0.940)	5856816	40.0000	45.90(A)
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	4276992	40.0000	42.71(A)
84	1,2,3-Trichloropropane	110	13.931	13.931	(0.946)	111424	40.0000	39.80
85	trans-1,4-dichloro-2-butene	53	13.928	13.928	(0.946)	106091	40.0000	40.80(A)
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	4029649	40.0000	43.08(A)
87	Cyclohexanone	55	14.002	14.002	(0.951)	84041	400.000	404.2(A)
88	t-Butylbenzene	119	14.160	14.160	(0.962)	4959317	40.0000	43.49(A)
89	Pentachloroethane	167	14.276	14.276	(0.970)	436168	40.0000	40.20(A)
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	5541158	40.0000	44.79(A)
91	sec-Butylbenzene	105	14.332	14.332	(0.973)	8105596	40.0000	43.31(A)
92	4-Isopropyltoluene	119	14.440	14.440	(0.981)	6359375	40.0000	44.76(A)
93	1,3-Dichlorobenzene	146	14.654	14.654	(0.995)	1951000	40.0000	39.72
* 94	1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	266755	10.0000	
95	1,4-Dichlorobenzene	146	14.740	14.740	(1.001)	1848944	40.0000	38.17
96	n-Butylbenzene	91	14.859	14.859	(1.009)	6909059	40.0000	45.68(A)
98	1,2-Dichlorobenzene	146	15.163	15.163	(1.030)	1481554	40.0000	40.77(A)
99	1,2-Dibromo-3-chloropropane	157	15.971	15.971	(1.085)	44142	40.0000	40.56(A)
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	499035	40.0000	34.92
101	1,2,4-Trichlorobenzene	180	16.674	16.674	(1.132)	709018	40.0000	43.25(A)
102	Naphthalene	128	17.067	17.067	(1.159)	893399	40.0000	39.99
103	1,2,3-Trichlorobenzene	180	17.292	17.292	(1.174)	380279	40.0000	41.44(A)
143	Nonanal	57	15.743	15.743	(1.628)	451667	40.0000	41.24(A)
$ 158	1,2-Dichlorobenzene-d4	150	15.151	15.151	(1.029)	1498637	40.0000	43.66(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Report Date: 18-Dec-2007 11:26

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

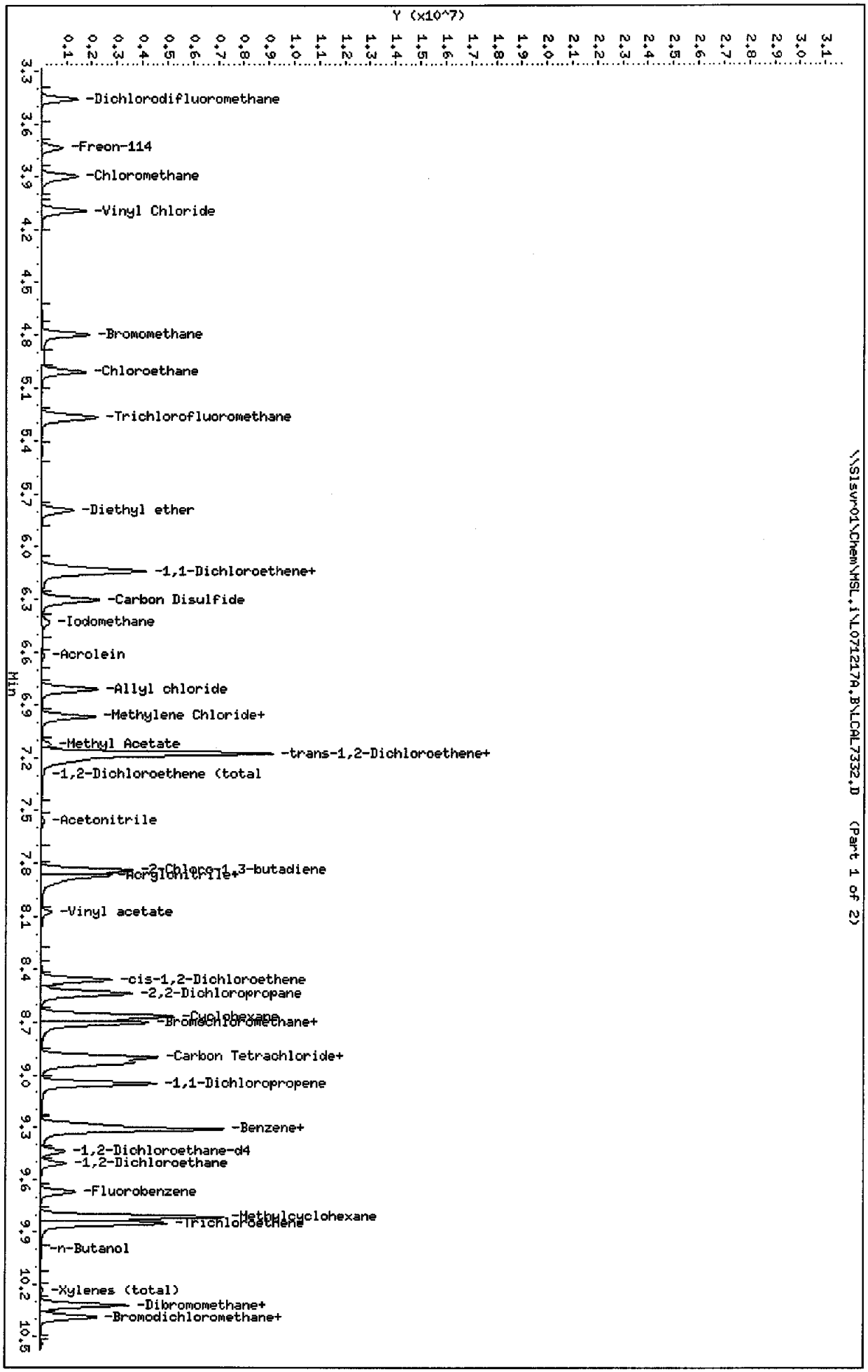
Instrument ID: MSL.i
Lab File ID: LCAL7332.D
Lab Smp Id: VSTD40
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD40
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	1167796	18.68
70 Chlorobenzene-d5	563731	281866	1127462	703426	24.78
94 1,4 Dichlorobenze	211084	105542	422168	266755	26.37

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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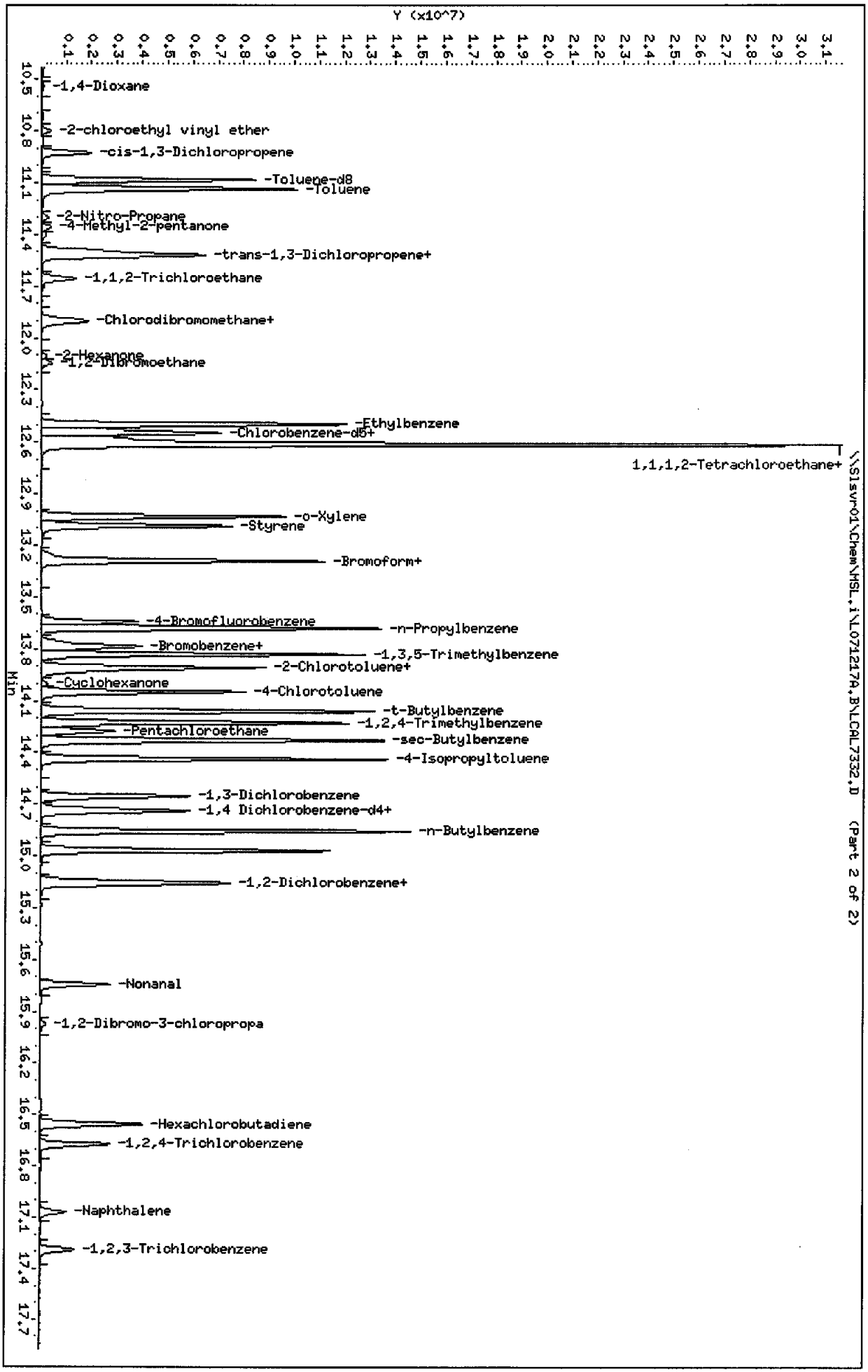
Date : 17-DEC-2007 17:33
Client ID: VSTD40
Sample Info: VSTD40;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^7)
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D (Part 1 of 2)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Acrolein
-Allyl chloride
-Methylene Chloride+
-Methyl Acetate
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-Acetonitrile
-2-Chloro-1,3-butadiene
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene
-n-Butanol
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+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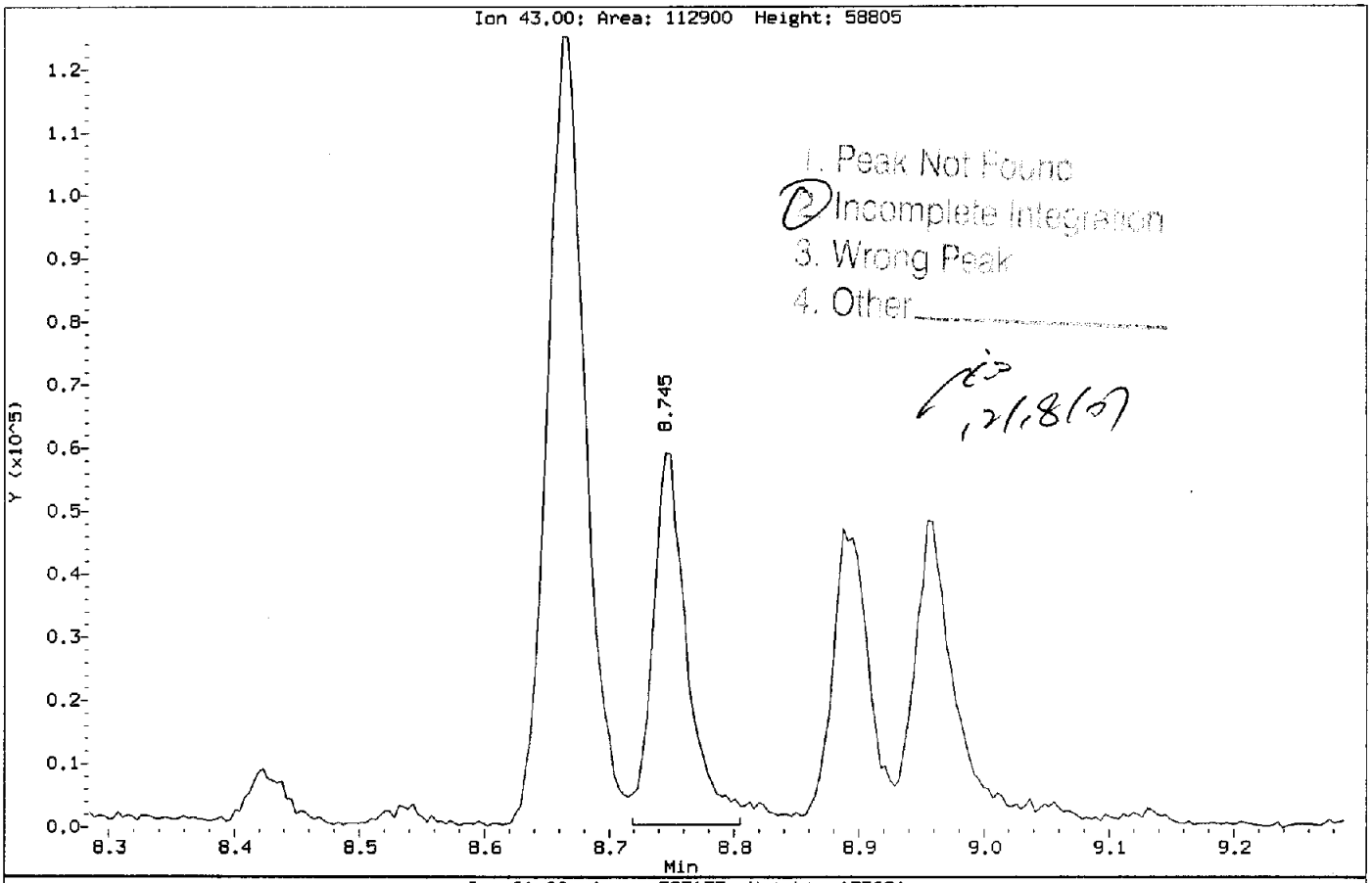
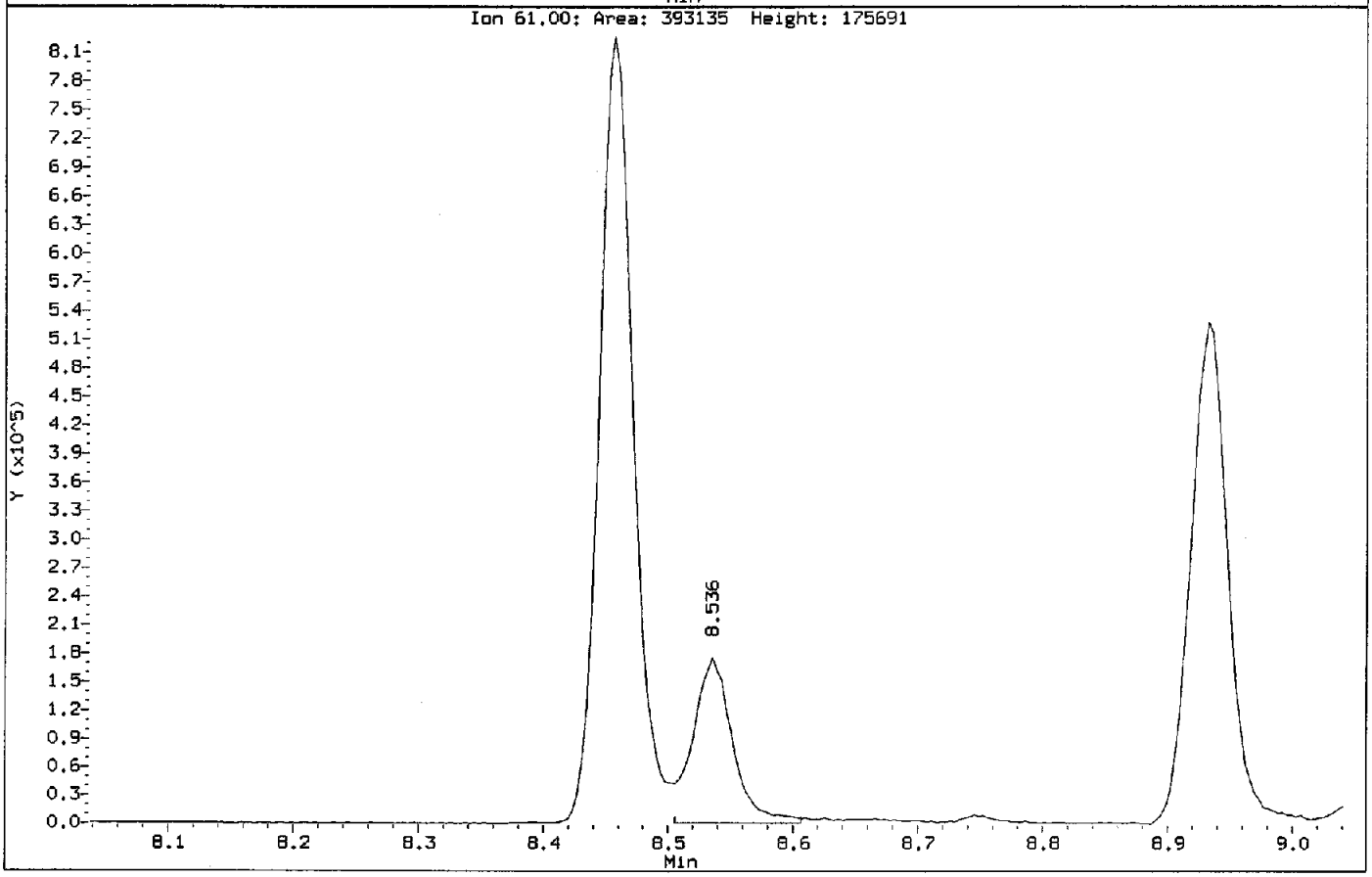
Date : 17-DEC-2007 17:33
Client ID: VSTD40
Sample Info: VSTD40;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^7)
Min
-1,4-Dioxane
-2-chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-Toluene-d8
-Toluene
-2-Nitro-Propane
-4-Methyl-2-pentanone
-trans-1,3-Dichloropropene+
-1,1,2-Trichloroethane
-Chlorodibromomethane+
-2-Hexanone
-1,2-Dibromoethane
-Ethylbenzene
-Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
-o-Xylene
-Styrene
-Bromoform+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-Cyclohexanone
-4-Chlorotoluene
-t-Butylbenzene
-1,2,4-Trimethylbenzene
-Pentachloroethane
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene+
-Nonanal
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene
\\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D (Part 2 of 2)

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Injection Date: 17-DEC-2007 17:33
Instrument: MSL.i
Client Sample ID: VSTD40

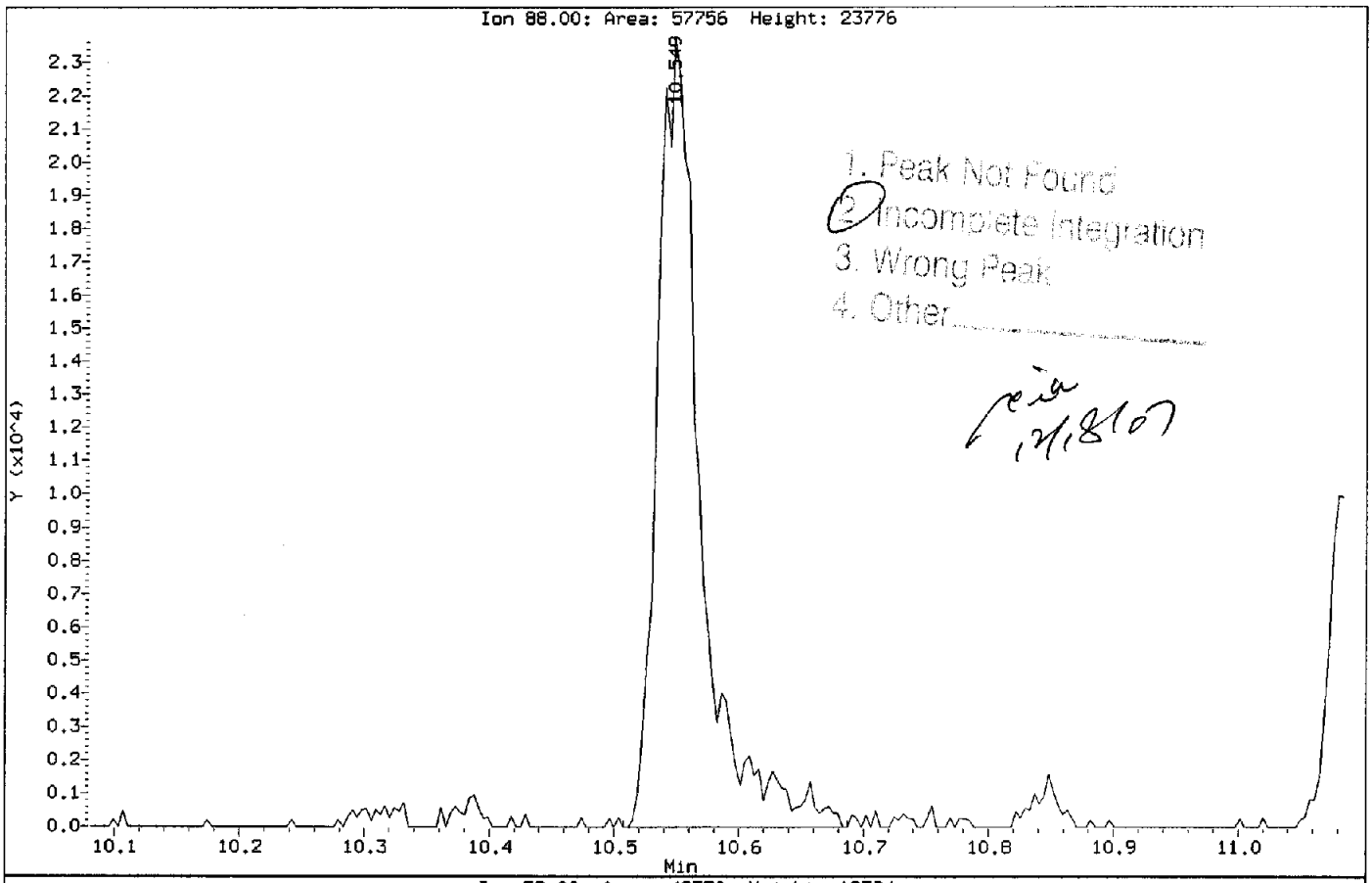
Compound: Ethyl acetate
CAS Number: 141-78-6

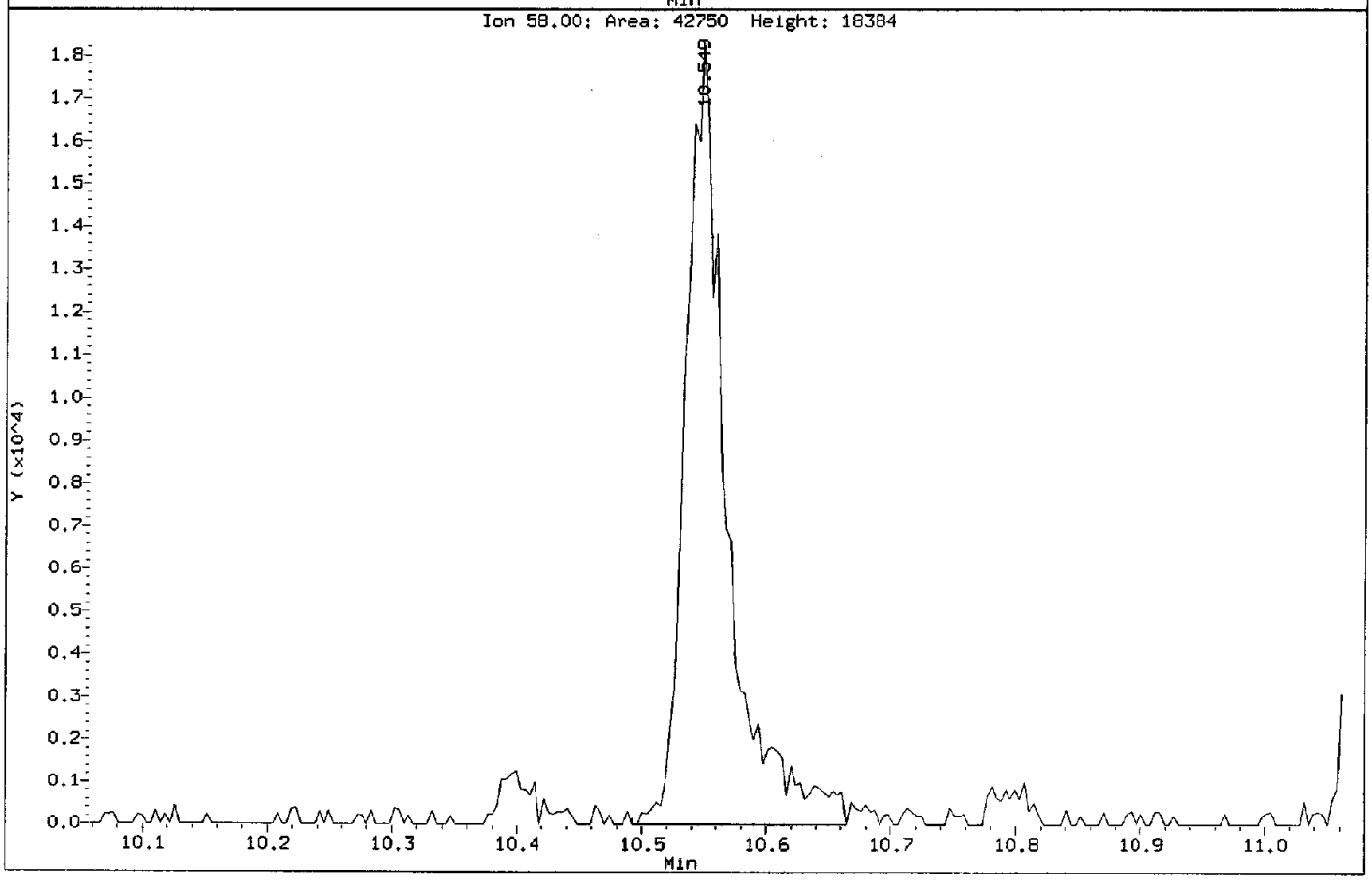




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LCAL7332.D
Injection Date: 17-DEC-2007 17:33
Instrument: MSL.i
Client Sample ID: VSTD40

Compound: 1.4-Dioxane
CAS Number: 123-91-1





Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LICV7333.D
Analysis Type: WATER
Lab Sample ID: ICV
Method: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m

Injection Date: 17-DEC-2007 18:01
Init. Cal. Date(s): 17-DEC-2007 17-DEC-2007
Init. Cal. Times: 14:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
	1 Dichlorodifluoromethane	0.32016	0.26209	0.26209	0.000	18.13973	20.00000	Averaged	
	2 Freon-114	0.07533	0.12508	0.12508	0.000	-66.03922	20.00000	Averaged	<-
	3 Chloromethane	0.58212	0.44877	0.44877	0.100	22.90858	20.00000	Averaged	<-
	4 Vinyl Chloride	0.49282	0.46544	0.46544	0.000	5.55445	20.00000	Averaged	
	5 Bromomethane	0.30980	0.35172	0.35172	0.000	-13.53122	20.00000	Averaged	
	6 Chloroethane	0.29779	0.30800	0.30800	0.000	-3.43141	20.00000	Averaged	
	7 Trichlorofluoromethane	0.43532	0.41024	0.41024	0.000	5.76188	20.00000	Averaged	
	8 Diethyl ether	0.08417	0.08456	0.08456	0.000	-0.46492	20.00000	Averaged	
	9 1,1-Dichloroethene	0.23860	0.24127	0.24127	0.000	-1.11866	20.00000	Averaged	
	10 1,1,2-Trichlorofluoroethane	0.24110	0.25429	0.25429	0.000	-5.47097	20.00000	Averaged	
	11 Carbon Disulfide	0.78406	0.83617	0.83617	0.000	-6.64689	20.00000	Averaged	
	12 Iodomethane	0.08331	0.09308	0.09308	0.000	-11.73360	20.00000	Averaged	
	13 Acrolein	0.00421	0.00414	0.00414	0.000	1.63451	20.00000	Averaged	
	14 Allyl chloride	0.26964	0.29471	0.29471	0.000	-9.29784	20.00000	Averaged	
	15 Methylene Chloride	0.22255	0.20965	0.20965	0.000	5.79337	20.00000	Averaged	
	16 Acetone	10.00000	9.94781	0.02059	0.000	0.52190	20.00000	Linear	
	17 trans-1,2-Dichloroethene	0.28690	0.27205	0.27205	0.000	5.17754	20.00000	Averaged	
	18 n-Hexane	0.50648	0.56733	0.56733	0.000	-12.01358	20.00000	Averaged	
	19 Methyl Acetate	0.02138	0.01524	0.01524	0.000	28.71156	20.00000	Averaged	<-
	20 MTBE	0.25941	0.25816	0.25816	0.000	0.48180	20.00000	Averaged	
M	21 1,2-Dichloroethene (total)	0.26688	0.25705	0.25705	0.000	3.68212	20.00000	Averaged	
	22 Acetonitrile	50.00000	45.16279	0.00551	0.000	9.67442	20.00000	Linear	
	23 Acrylonitrile	0.02206	0.02359	0.02359	0.000	-6.91686	20.00000	Averaged	
	24 1,1-Dichloroethane	0.50543	0.49171	0.49171	0.100	2.71434	20.00000	Averaged	
	25 2-Chloro-1,3-butadiene	0.40705	0.42103	0.42103	0.000	-3.43449	20.00000	Averaged	
	26 Vinyl acetate	0.12793	0.15857	0.15857	0.000	-23.94856	20.00000	Averaged	<-
	27 cis-1,2-Dichloroethene	0.24685	0.24205	0.24205	0.000	1.94406	20.00000	Averaged	
	28 2,2-Dichloropropane	0.42142	0.42362	0.42362	0.000	-0.52288	20.00000	Averaged	
	29 Bromochloromethane	0.05730	0.05448	0.05448	0.000	4.91652	20.00000	Averaged	
	30 Cyclohexane	0.44342	0.45171	0.45171	0.000	-1.87014	20.00000	Averaged	
	31 Chloroform	0.41391	0.40218	0.40218	0.000	2.83398	20.00000	Averaged	
	32 Ethyl acetate	20.00000	41.90016	0.02509	0.000	-110	20.00000	Linear	<-
	33 Carbon Tetrachloride	0.33824	0.33558	0.33558	0.000	0.78443	20.00000	Averaged	
	34 Isobutanol	0.00385	0.00369	0.00369	0.000	4.25183	20.00000	Averaged	
	35 Tetrahydrofuran	0.00575	0.00571	0.00571	0.000	0.84711	20.00000	Averaged	
$	36 Dibromofluoromethane	0.14825	0.15342	0.15342	0.000	-3.48519	20.00000	Averaged	
	37 1,1,1-Trichloroethane	0.40692	0.40510	0.40510	0.000	0.44596	20.00000	Averaged	
	38 2-Butanone	10.00000	8.54438	0.01704	0.000	14.55620	20.00000	Linear	
	39 1,1-Dichloropropene	0.39441	0.39212	0.39212	0.000	0.57977	20.00000	Averaged	
	40 Benzene	1.15695	1.07491	1.07491	0.000	7.09090	20.00000	Averaged	
	41 Propionitrile	0.00705	0.00733	0.00733	0.000	-3.99261	20.00000	Averaged	
	42 Methacrylonitrile	0.03220	0.04128	0.04128	0.000	-28.22022	20.00000	Averaged	<-

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LICV7333.D
Analysis Type: WATER
Lab Sample ID: ICV
Method: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m

Injection Date: 17-DEC-2007 18:01
Init. Cal. Date(s): 17-DEC-2007 17-DEC-2007
Init. Cal. Times: 14:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$	43 1,2-Dichloroethane-d4	0.11659	0.12117	0.12117	0.000	-3.92856	20.00000	Averaged	
	44 1,2-Dichloroethane	0.15535	0.15219	0.15219	0.000	2.03118	20.00000	Averaged	
	46 n-Butanol	0.00081	0.00091	0.00091	0.000	-11.71439	20.00000	Averaged	
	47 Methylcyclohexane	0.41985	0.42944	0.42944	0.000	-2.28426	20.00000	Averaged	
	48 Trichloroethene	0.28021	0.25917	0.25917	0.000	7.50889	20.00000	Averaged	
	49 Dibromomethane	0.05005	0.04968	0.04968	0.000	0.74255	20.00000	Averaged	
	50 1,2-Dichloropropane	0.21925	0.20828	0.20828	0.000	5.00519	20.00000	Averaged	
	51 Bromodichloromethane	0.21040	0.20800	0.20800	0.000	1.14274	20.00000	Averaged	
M	52 Xylenes (total)	0.88254	0.84776	0.84776	0.000	3.94124	20.00000	Averaged	
	53 Methyl methacrylate	0.04122	0.04481	0.04481	0.000	-8.72124	20.00000	Averaged	
	54 1,4-Dioxane	200	172	0.00092	0.000	14.21522	20.00000	Linear	
	55 2-chloroethyl vinyl ether	0.02712	0.03249	0.03249	0.000	-19.81164	20.00000	Averaged	
	56 cis-1,3-Dichloropropene	0.21726	0.21325	0.21325	0.000	1.84796	20.00000	Averaged	
$	57 Toluene-d8	1.49517	1.58795	1.58795	0.000	-6.20545	20.00000	Averaged	
	58 Toluene	2.09585	2.05710	2.05710	0.000	1.84861	20.00000	Averaged	
	59 2-Nitro-Propane	10.00000	10.42729	0.05890	0.000	-4.27292	20.00000	Linear	
	60 4-Methyl-2-pentanone	0.08894	0.09587	0.09587	0.000	-7.78893	20.00000	Averaged	
	61 trans-1,3-Dichloropropene	0.24950	0.27020	0.27020	0.000	-8.29473	20.00000	Averaged	
	62 Tetrachloroethene	10.00000	9.78808	0.34172	0.000	2.11922	20.00000	Linear	
	63 Ethyl methacrylate	10.00000	9.60922	0.16989	0.000	3.90778	20.00000	Linear	
	64 1,1,2-Trichloroethane	0.15473	0.14847	0.14847	0.000	4.04833	20.00000	Averaged	
	65 Chlorodibromomethane	0.14873	0.14970	0.14970	0.000	-0.64804	20.00000	Averaged	
	66 1,3-Dichloropropane	0.28493	0.28617	0.28617	0.000	-0.43822	20.00000	Averaged	
	67 1,2-Dibromoethane	0.11001	0.11495	0.11495	0.000	-4.49231	20.00000	Averaged	
	68 2-Hexanone	10.00000	10.03703	0.05262	0.000	-0.37028	20.00000	Linear	
	69 Ethylbenzene	0.75255	0.72963	0.72963	0.000	3.04546	20.00000	Averaged	
	71 Chlorobenzene	1.07252	0.99625	0.99625	0.300	7.11150	20.00000	Averaged	
	72 1,1,1,2-Tetrachloroethane	0.28721	0.26992	0.26992	0.000	6.01894	20.00000	Averaged	
	73 m,p-Xylenes	0.94981	0.89896	0.89896	0.000	5.35368	20.00000	Averaged	
	74 o-Xylene	0.74799	0.74534	0.74534	0.000	0.35414	20.00000	Averaged	
	75 Styrene	10.00000	9.57243	1.04624	0.000	4.27571	20.00000	Linear	
	76 Bromoform	0.16086	0.17947	0.17947	0.100	-11.57000	20.00000	Averaged	
	77 Isopropylbenzene	5.64746	5.46531	5.46531	0.000	3.22537	20.00000	Averaged	
$	78 4-Bromofluorobenzene	0.98266	1.05304	1.05304	0.000	-7.16189	20.00000	Averaged	
	79 n-Propylbenzene	7.86499	7.77272	7.77272	0.000	1.17316	20.00000	Averaged	
	80 Bromobenzene	0.79957	0.77487	0.77487	0.000	3.08918	20.00000	Averaged	
	81 1,1,2,2-Tetrachloroethane	0.40608	0.39098	0.39098	0.300	3.71780	20.00000	Averaged	
	82 1,3,5-Trimethylbenzene	4.78326	4.85230	4.85230	0.000	-1.44328	20.00000	Averaged	
	83 2-Chlorotoluene	3.75369	3.76763	3.76763	0.000	-0.37146	20.00000	Averaged	
	84 1,2,3-Trichloropropane	0.10496	0.10530	0.10530	0.000	-0.31849	20.00000	Averaged	
	85 trans-1,4-dichloro-2-butene	10.00000	12.01407	0.11532	0.000	-20.14066	20.00000	Linear	<-
	86 4-Chlorotoluene	3.50668	3.60619	3.60619	0.000	-2.83770	20.00000	Averaged	

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LICV7333.D
Analysis Type: WATER
Lab Sample ID: ICV
Method: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m

Injection Date: 17-DEC-2007 18:01
Init. Cal. Date(s): 17-DEC-2007 17-DEC-2007
Init. Cal. Times: 14:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
87	Cyclohexanone	100	99	0.00992	0.000	0.52868	20.00000	Quadratic	
88	t-Butylbenzene	4.27455	4.27948	4.27948	0.000	-0.11533	20.00000	Averaged	
89	Pentachloroethane	10.00000	10.54138	0.41607	0.000	-5.41375	20.00000	Linear	
90	1,2,4-Trimethylbenzene	4.63758	4.59741	4.59741	0.000	0.86627	20.00000	Averaged	
91	sec-Butylbenzene	7.01564	6.92659	6.92659	0.000	1.26940	20.00000	Averaged	
92	4-Isopropyltoluene	5.32575	5.34831	5.34831	0.000	-0.42352	20.00000	Averaged	
93	1,3-Dichlorobenzene	1.84136	1.83931	1.83931	0.000	0.11103	20.00000	Averaged	
95	1,4-Dichlorobenzene	1.81580	1.73650	1.73650	0.000	4.36718	20.00000	Averaged	
96	n-Butylbenzene	5.67056	5.89771	5.89771	0.000	-4.00572	20.00000	Averaged	
98	1,2-Dichlorobenzene	1.36228	1.31327	1.31327	0.000	3.59730	20.00000	Averaged	
99	1,2-Dibromo-3-chloropropane	0.04332	0.04548	0.04548	0.000	-5.00831	20.00000	Averaged	
100	Hexachlorobutadiene	0.53565	0.56959	0.56959	0.000	-6.33620	20.00000	Averaged	
101	1,2,4-Trichlorobenzene	0.61457	0.70684	0.70684	0.000	-15.01328	20.00000	Averaged	
102	Naphthalene	10.00000	10.98813	0.90265	0.000	-9.88126	20.00000	Linear	
103	1,2,3-Trichlorobenzene	0.34401	0.42529	0.42529	0.000	-23.62745	20.00000	Averaged	<-
143	Nonanal	10.00000	8.42111	0.06640	0.000	15.78889	20.00000	Linear	

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Lab Smp Id: ICV Client Smp ID: ICV
Inj Date : 17-DEC-2007 18:01
Operator : XIA Inst ID: MSL.i
Smp Info : ICV;L071217A.B
Misc Info : VBLKL351A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Meth Date : 18-Dec-2007 12:18 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 8 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	3.461	3.461	(0.358)	323924	10.0000	8.186
2	Freon-114	135	3.741	3.741	(0.387)	154592	10.0000	16.60
3	Chloromethane	50	3.902	3.902	(0.403)	554648	10.0000	7.709
4	Vinyl Chloride	62	4.097	4.097	(0.424)	575258	10.0000	9.444
5	Bromomethane	94	4.800	4.800	(0.496)	434699	10.0000	11.35
6	Chloroethane	64	5.036	5.036	(0.521)	380675	10.0000	10.34
7	Trichlorofluoromethane	101	5.279	5.279	(0.546)	507031	10.0000	9.424
8	Diethyl ether	59	5.792	5.792	(0.599)	209020	20.0000	20.09
9	1,1-Dichloroethene	96	6.155	6.155	(0.636)	298197	10.0000	10.11
10	1,1,2-Trichlorofluoroethane	101	6.133	6.133	(0.634)	314289	10.0000	10.55
11	Carbon Disulfide	76	6.308	6.308	(0.652)	1033460	10.0000	10.66
12	Iodomethane	142	6.436	6.436	(0.665)	115047	10.0000	11.17
13	Acrolein	56	6.619	6.619	(0.684)	25590	50.0000	49.18(M)
14	Allyl chloride	39	6.810	6.810	(0.704)	364239	10.0000	10.93
15	Methylene Chloride	84	6.967	6.967	(0.720)	259120	10.0000	9.421
16	Acetone	43	6.978	6.978	(0.721)	25452	10.0000	9.948
17	trans-1,2-Dichloroethene	96	7.180	7.180	(0.742)	336236	10.0000	9.482
18	n-Hexane	57	7.180	7.180	(0.742)	701182	10.0000	11.20
19	Methyl Acetate	74	7.128	7.128	(0.737)	18839	10.0000	7.129(M)
20	MTBE	73	7.210	7.210	(0.745)	319065	10.0000	9.952
M 21	1,2-Dichloroethene (total)	96				635398	20.0000	19.29
22	Acetonitrile	41	7.570	7.570	(0.783)	34075	50.0000	45.16

12/18/07

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
23	Acrylonitrile	53	7.910	7.910	(0.818)	145763	50.0000	53.46
24	1,1-Dichloroethane	63	7.873	7.873	(0.814)	607723	10.0000	9.728
25	2-Chloro-1,3-butadiene	53	7.839	7.839	(0.810)	520363	10.0000	10.34
26	Vinyl acetate	43	8.082	8.082	(0.836)	195979	10.0000	12.39
27	cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	299162	10.0000	9.806
28	2,2-Dichloropropane	77	8.539	8.539	(0.883)	523567	10.0000	10.05
29	Bromochloromethane	128	8.700	8.700	(0.899)	67336	10.0000	9.508
30	Cyclohexane	84	8.666	8.666	(0.896)	558288	10.0000	10.19
31	Chloroform	83	8.707	8.707	(0.900)	497075	10.0000	9.717
32	Ethyl acetate	43	8.748	8.748	(0.904)	62029	20.0000	41.90
33	Carbon Tetrachloride	117	8.898	8.898	(0.920)	414760	10.0000	9.922
34	Isobutanol	42	8.894	8.894	(0.920)	91215	200.000	191.5
35	Tetrahydrofuran	71	8.894	8.894	(0.920)	35256	50.0000	49.58
$ 36	Dibromofluoromethane	113	8.906	8.906	(0.921)	189619	10.0000	10.35
37	1,1,1-Trichloroethane	97	8.932	8.932	(0.923)	500682	10.0000	9.955
38	2-Butanone	43	8.965	8.965	(0.927)	21065	10.0000	8.544
39	1,1-Dichloropropene	75	9.051	9.051	(0.936)	484641	10.0000	9.942
40	Benzene	78	9.313	9.313	(0.963)	1328519	10.0000	9.291
41	Propionitrile	54	9.272	9.272	(0.959)	45281	50.0000	52.00
42	Methacrylonitrile	41	9.287	9.287	(0.960)	255120	50.0000	64.11
$ 43	1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	149754	10.0000	10.39
44	1,2-Dichloroethane	62	9.512	9.512	(0.983)	188097	10.0000	9.797
* 45	Fluorobenzene	96	9.673	9.673	(1.000)	1235938	10.0000	
46	n-Butanol	56	10.032	10.032	(1.037)	11208	100.000	111.7(M)
47	Methylcyclohexane	55	9.811	9.811	(1.014)	530757	10.0000	10.23
48	Trichloroethene	130	9.852	9.852	(1.019)	320321	10.0000	9.249
49	Dibromomethane	93	10.309	10.309	(1.066)	61399	10.0000	9.926
50	1,2-Dichloropropane	63	10.324	10.324	(1.067)	257421	10.0000	9.499
51	Bromodichloromethane	83	10.387	10.387	(1.074)	257071	10.0000	9.886
M 52	Xylenes (total)	106				1764549	30.0000	28.89
53	Methyl methacrylate	69	10.402	10.402	(1.075)	55385	10.0000	10.87
54	1,4-Dioxane	88	10.552	10.552	(1.091)	22859	200.000	171.6(M)
55	2-chloroethyl vinyl ether	63	10.803	10.803	(1.117)	40159	10.0000	11.98
56	cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	263558	10.0000	9.815
$ 57	Toluene-d8	98	11.083	11.083	(0.885)	1101739	10.0000	10.62
58	Toluene	91	11.136	11.136	(0.889)	1427244	10.0000	9.815
59	2-Nitro-Propane	43	11.301	11.301	(0.902)	40868	10.0000	10.43
60	4-Methyl-2-pentanone	43	11.360	11.360	(0.907)	66516	10.0000	10.78
61	trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	187466	10.0000	10.83
62	Tetrachloroethene	164	11.525	11.525	(0.920)	237092	10.0000	9.788
63	Ethyl methacrylate	69	11.506	11.506	(0.918)	117874	10.0000	9.609
64	1,1,2-Trichloroethane	97	11.652	11.652	(0.930)	103008	10.0000	9.595
65	Chlorodibromomethane	129	11.888	11.888	(0.949)	103861	10.0000	10.06
66	1,3-Dichloropropane	76	11.911	11.911	(0.951)	198551	10.0000	10.04
67	1,2-Dibromoethane	107	12.150	12.150	(0.970)	79753	10.0000	10.45
68	2-Hexanone	43	12.116	12.116	(0.967)	36511	10.0000	10.04
69	Ethylbenzene	106	12.498	12.498	(0.998)	506226	10.0000	9.695
* 70	Chlorobenzene-d5	117	12.528	12.528	(1.000)	693812	10.0000	
71	Chlorobenzene	112	12.547	12.547	(1.001)	691207	10.0000	9.289
72	1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	187273	10.0000	9.398
73	m,p-Xylenes	106	12.614	12.614	(1.007)	1247425	20.0000	18.93
74	o-Xylene	106	13.033	13.033	(1.040)	517124	10.0000	9.964
75	Styrene	104	13.089	13.089	(1.045)	725892	10.0000	9.572
76	Bromoform	173	13.254	13.254	(0.900)	45526	10.0000	11.16

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1386374	10.0000	9.677
$ 78	4-Bromofluorobenzene	95	13.647	13.647	(0.927)	267122	10.0000	10.72
79	n-Propylbenzene	91	13.681	13.681	(0.929)	1971690	10.0000	9.883
80	Bromobenzene	156	13.793	13.793	(0.937)	196559	10.0000	9.691
81	1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	99180	10.0000	9.628
82	1,3,5-Trimethylbenzene	105	13.834	13.834	(0.940)	1230873	10.0000	10.14
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	955727	10.0000	10.04
84	1,2,3-Trichloropropane	110	13.939	13.939	(0.947)	26710	10.0000	10.03
85	trans-1,4-dichloro-2-butene	53	13.935	13.935	(0.946)	29252	10.0000	12.01
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	914776	10.0000	10.28
87	Cyclohexanone	55	14.006	14.006	(0.951)	25152	100.000	99.47
88	t-Butylbenzene	119	14.160	14.160	(0.962)	1085568	10.0000	10.01
89	Pentachloroethane	167	14.276	14.276	(0.970)	105544	10.0000	10.54
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1166215	10.0000	9.913
91	sec-Butylbenzene	105	14.332	14.332	(0.973)	1757053	10.0000	9.873
92	4-Isopropyltoluene	119	14.437	14.437	(0.980)	1356695	10.0000	10.04
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	466575	10.0000	9.989
* 94	1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	253668	10.0000	
95	1,4-Dichlorobenzene	146	14.740	14.740	(1.001)	440495	10.0000	9.563
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1496060	10.0000	10.40
98	1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	333135	10.0000	9.640
99	1,2-Dibromo-3-chloropropane	157	15.975	15.975	(1.085)	11538	10.0000	10.50
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	144488	10.0000	10.63
101	1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	179302	10.0000	11.50
102	Naphthalene	128	17.079	17.079	(1.160)	228973	10.0000	10.99
103	1,2,3-Trichlorobenzene	180	17.292	17.292	(1.174)	107882	10.0000	12.36
143	Nonanal	57	15.750	15.750	(1.628)	82064	10.0000	8.421

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Report Date: 18-Dec-2007 12:18

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

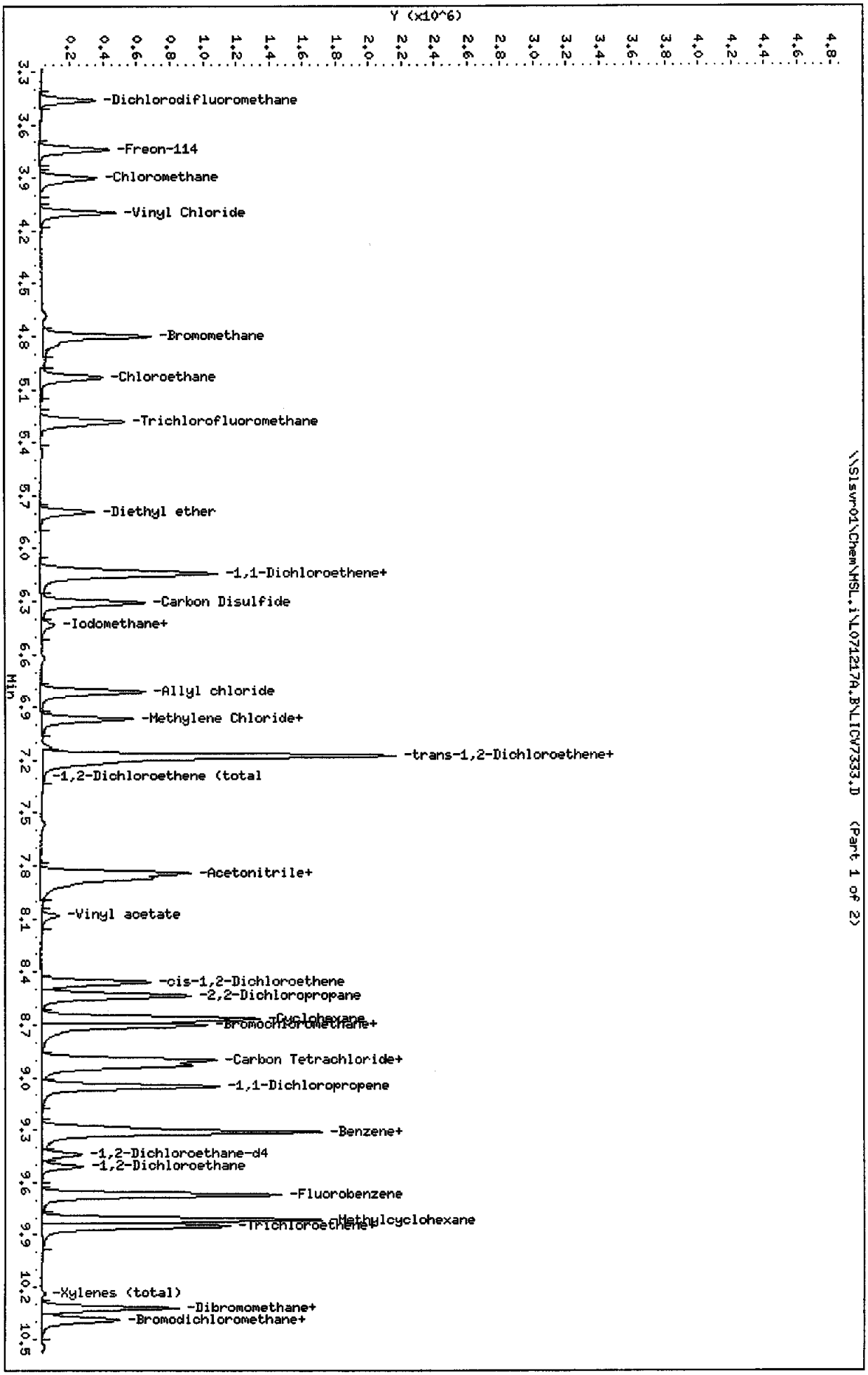
Instrument ID: MSL.i
Lab File ID: LICV7333.D
Lab Smp Id: ICV
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071217A.B\8260C-25LLW40.m
Misc Info: VBLKL351A;

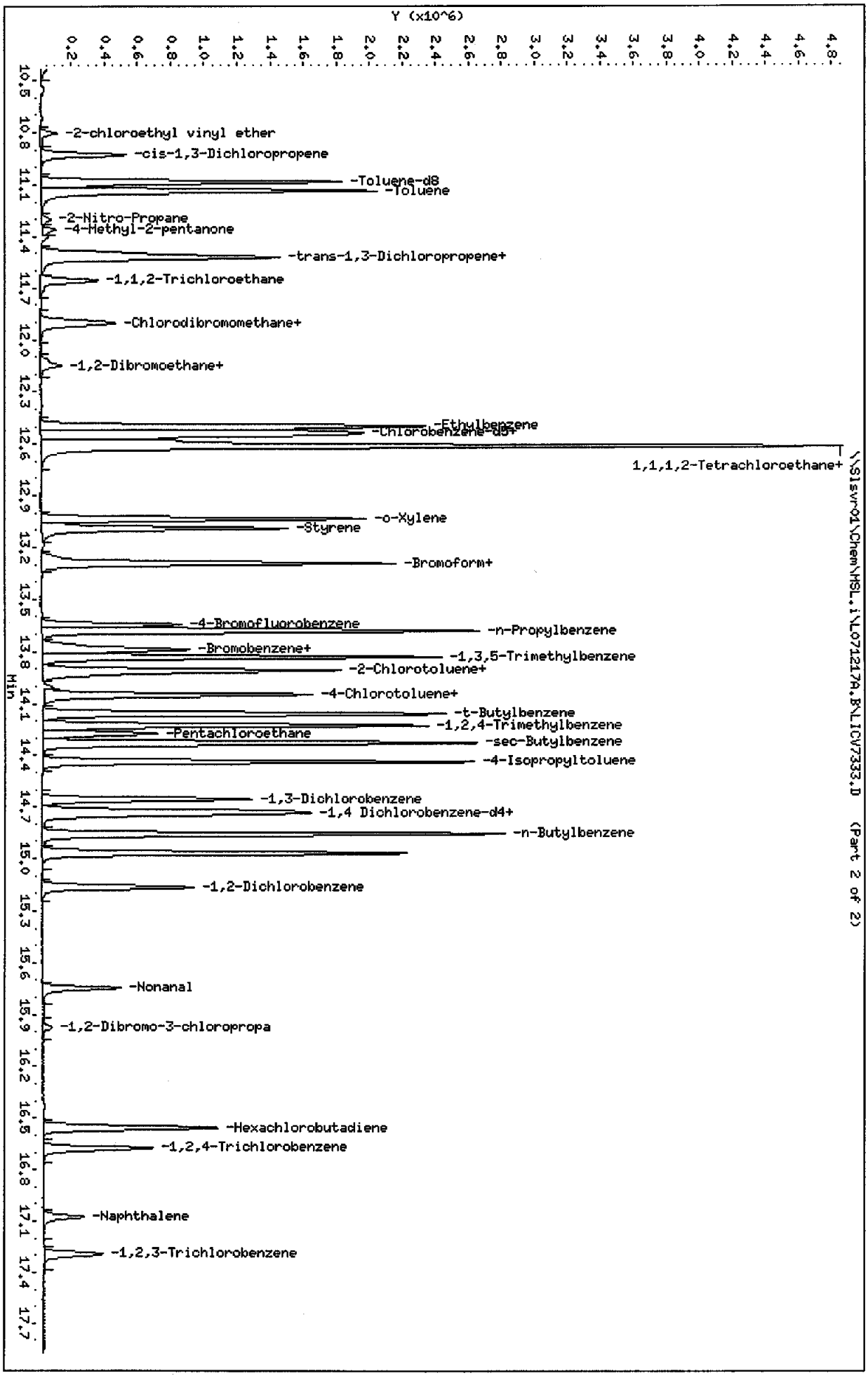
Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: ICV
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	1235938	25.61
70 Chlorobenzene-d5	563731	281866	1127462	693812	23.08
94 1,4 Dichlorobenze	211084	105542	422168	253668	20.17

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Date : 17-DEC-2007 18:01
Client ID: ICV
Sample Info: ICV;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane+
-Allyl chloride
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-Acetonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+



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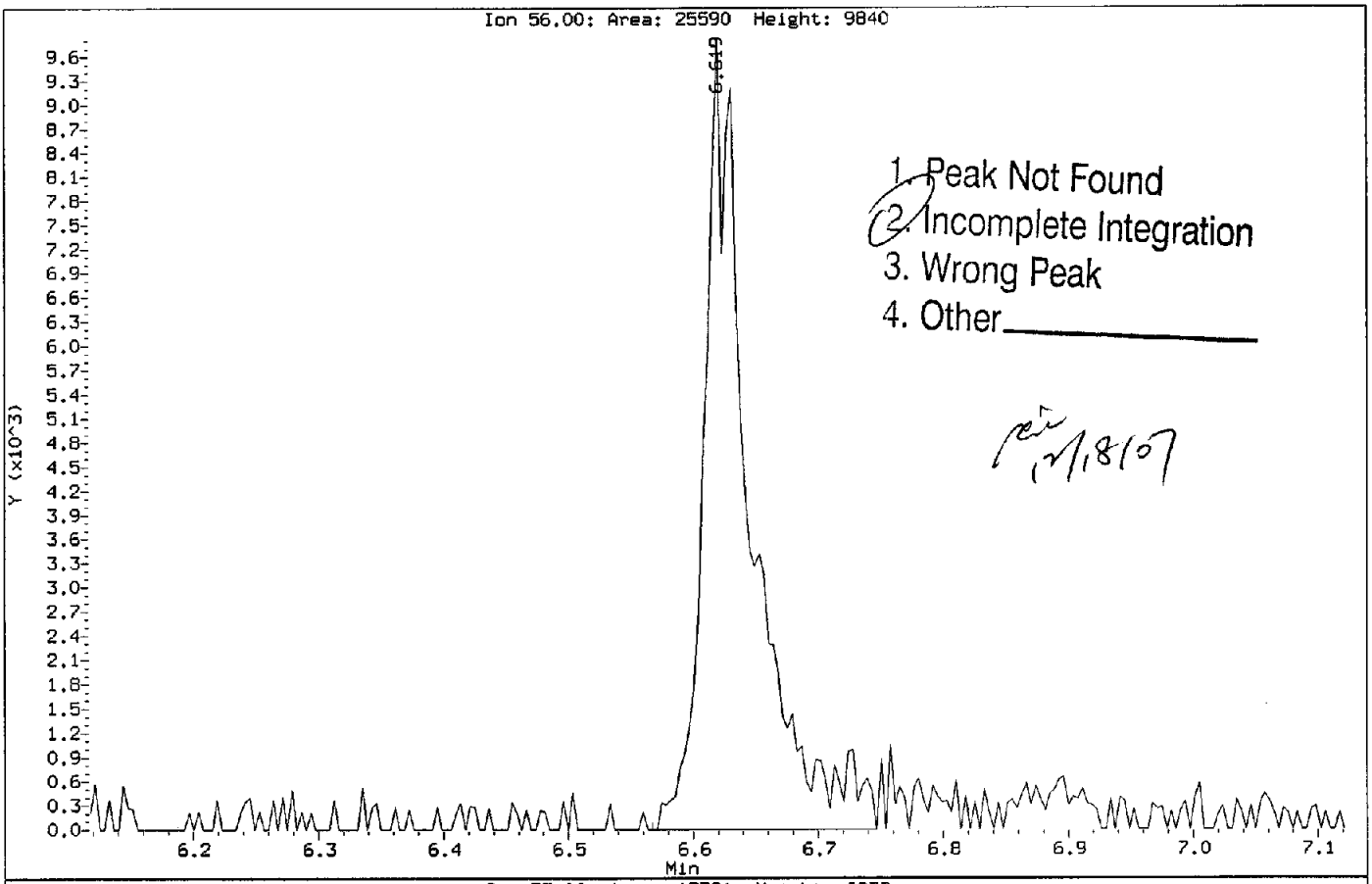
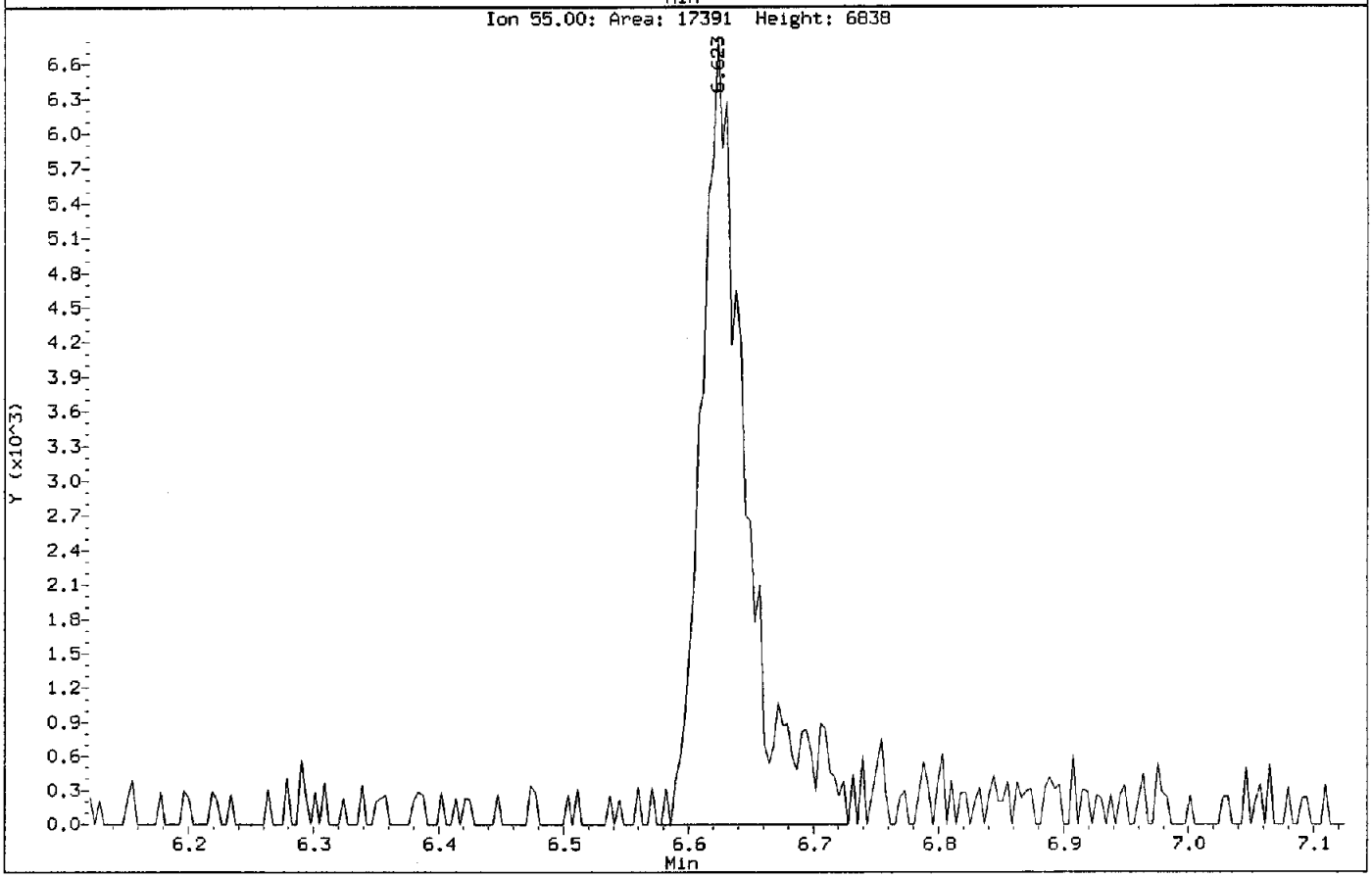
Date : 17-DEC-2007 18:01
Client ID: ICV
Sample Info: ICV;L071217A.B
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Injection Date: 17-DEC-2007 18:01
Instrument: MSL.i
Client Sample ID: ICV

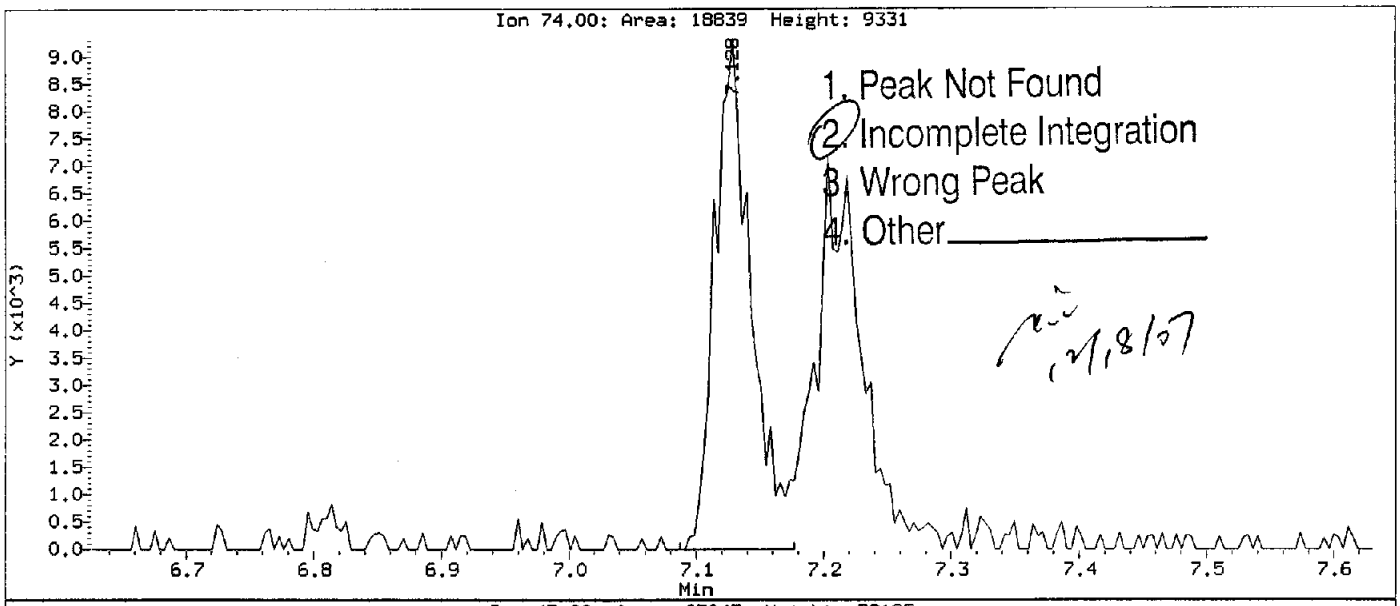
Compound: Acrolein
CAS Number: 107-02-8

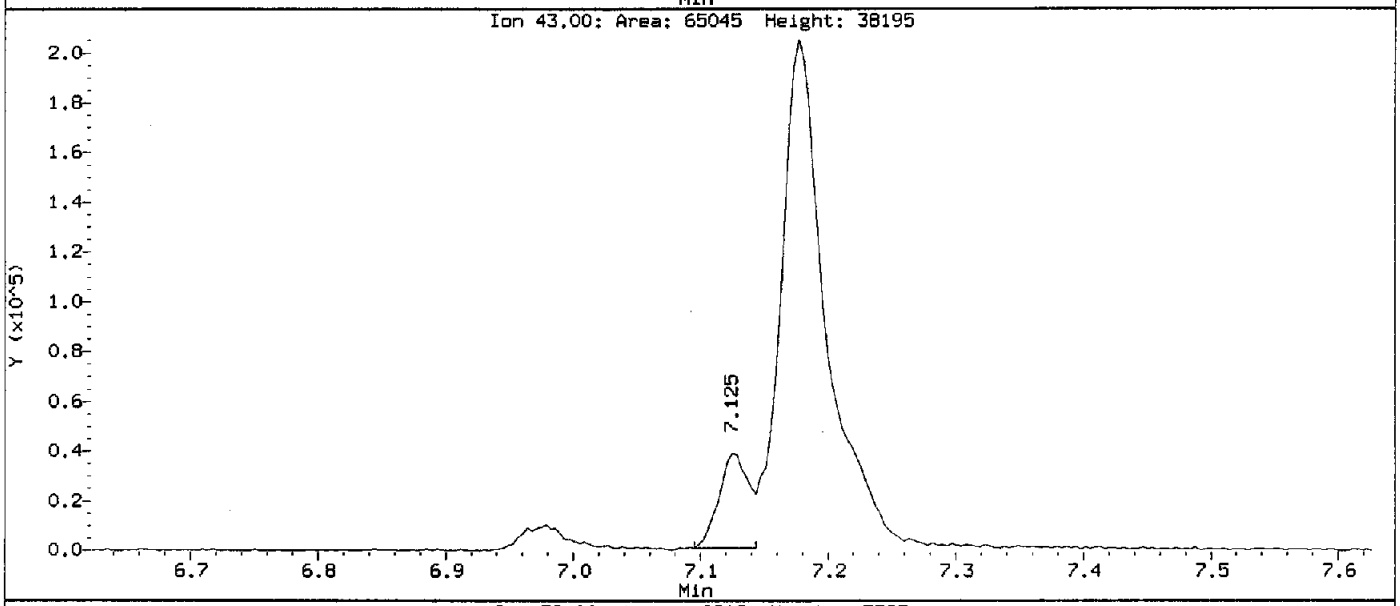


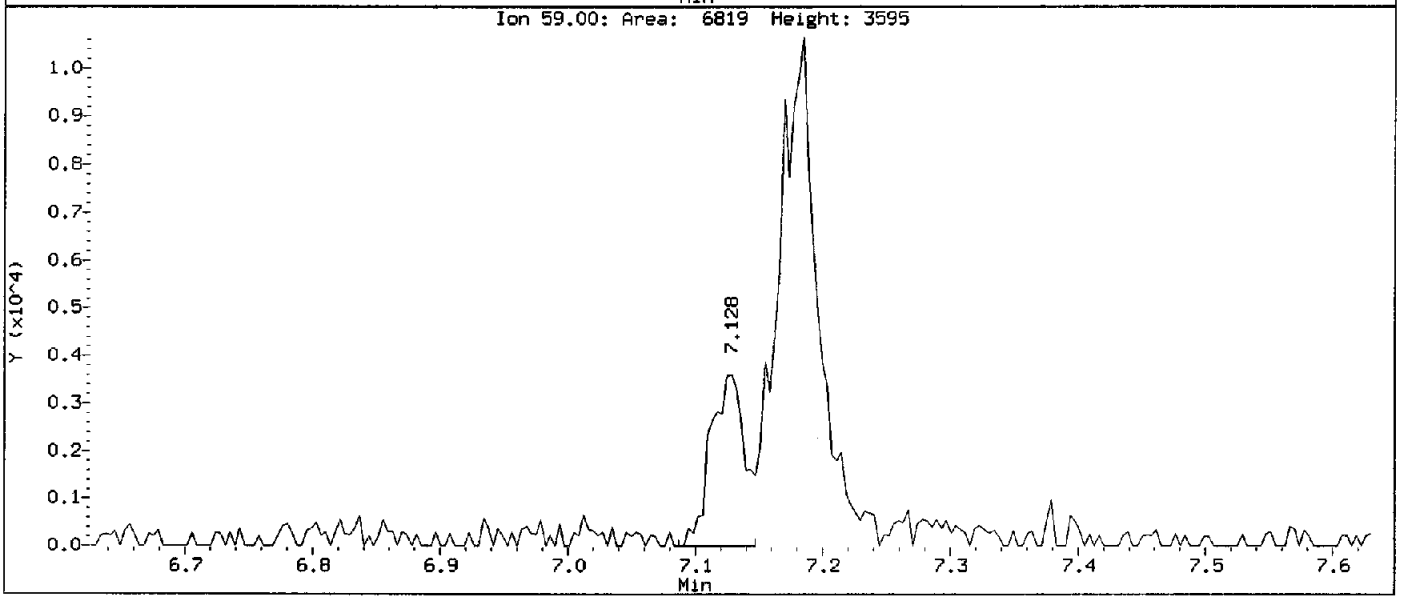


Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Injection Date: 17-DEC-2007 18:01
Instrument: MSL.i
Client Sample ID: ICV

Compound: Methyl Acetate
CAS Number:

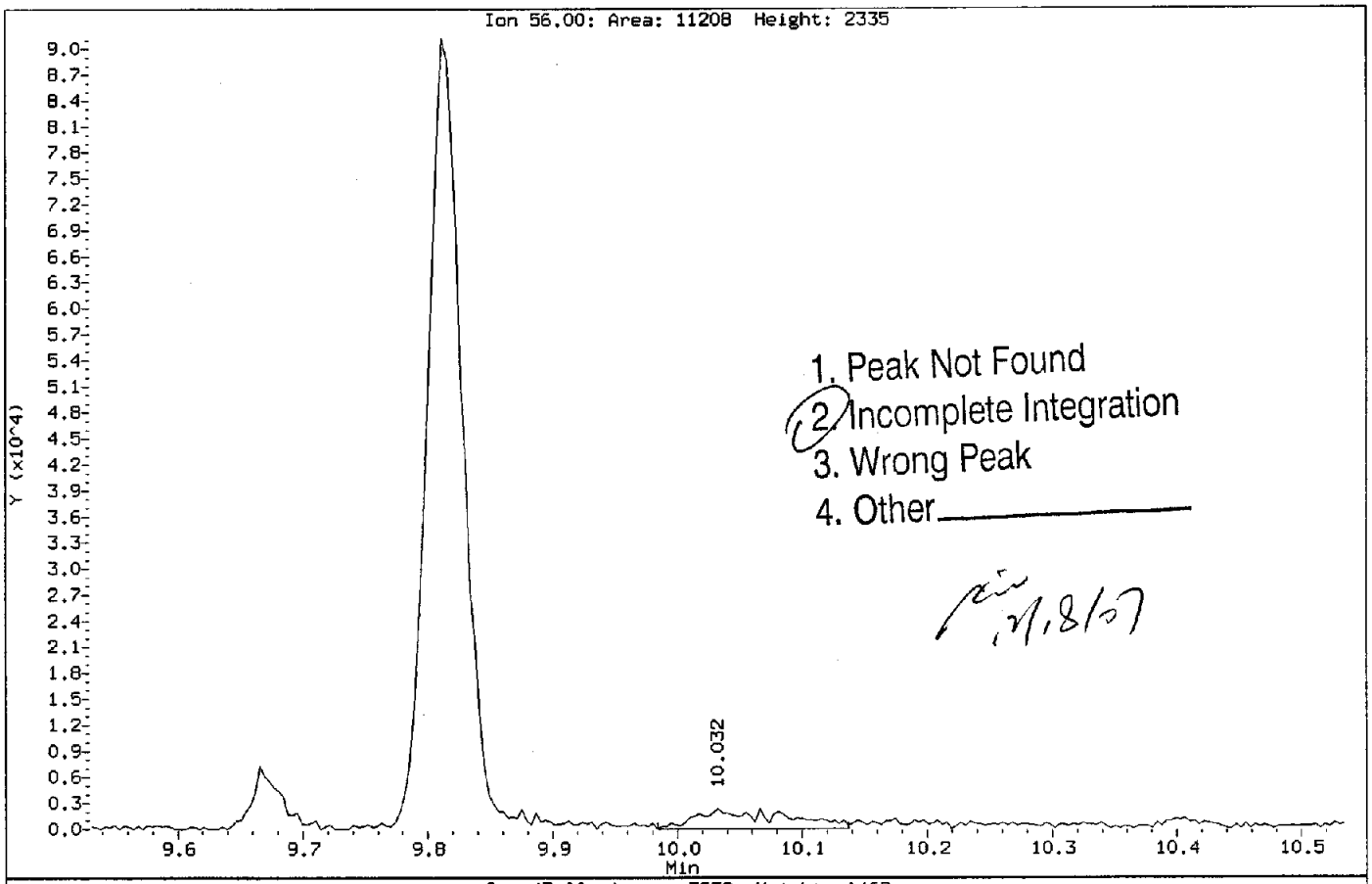


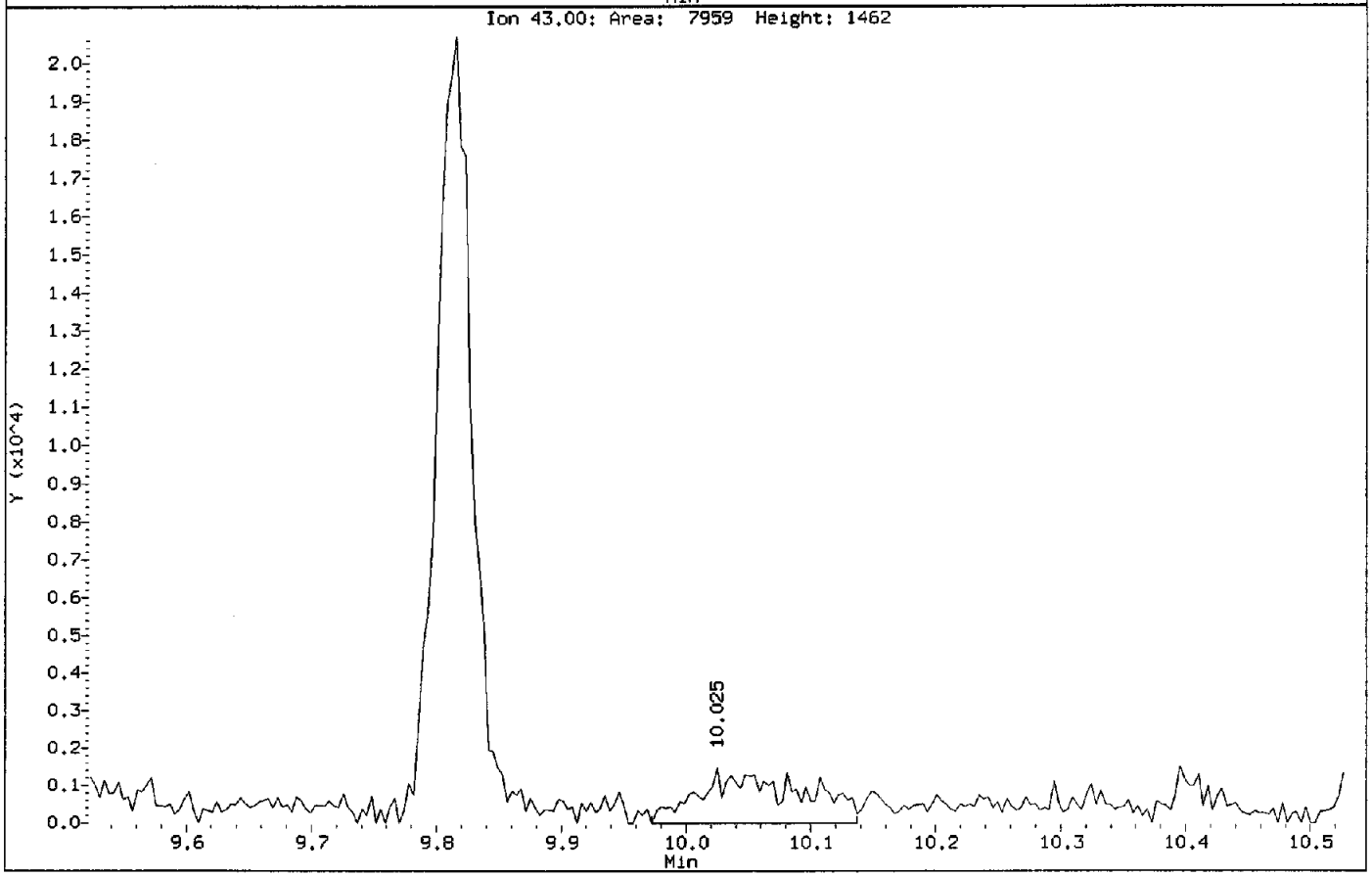




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Injection Date: 17-DEC-2007 18:01
Instrument: MSL.i
Client Sample ID: ICV

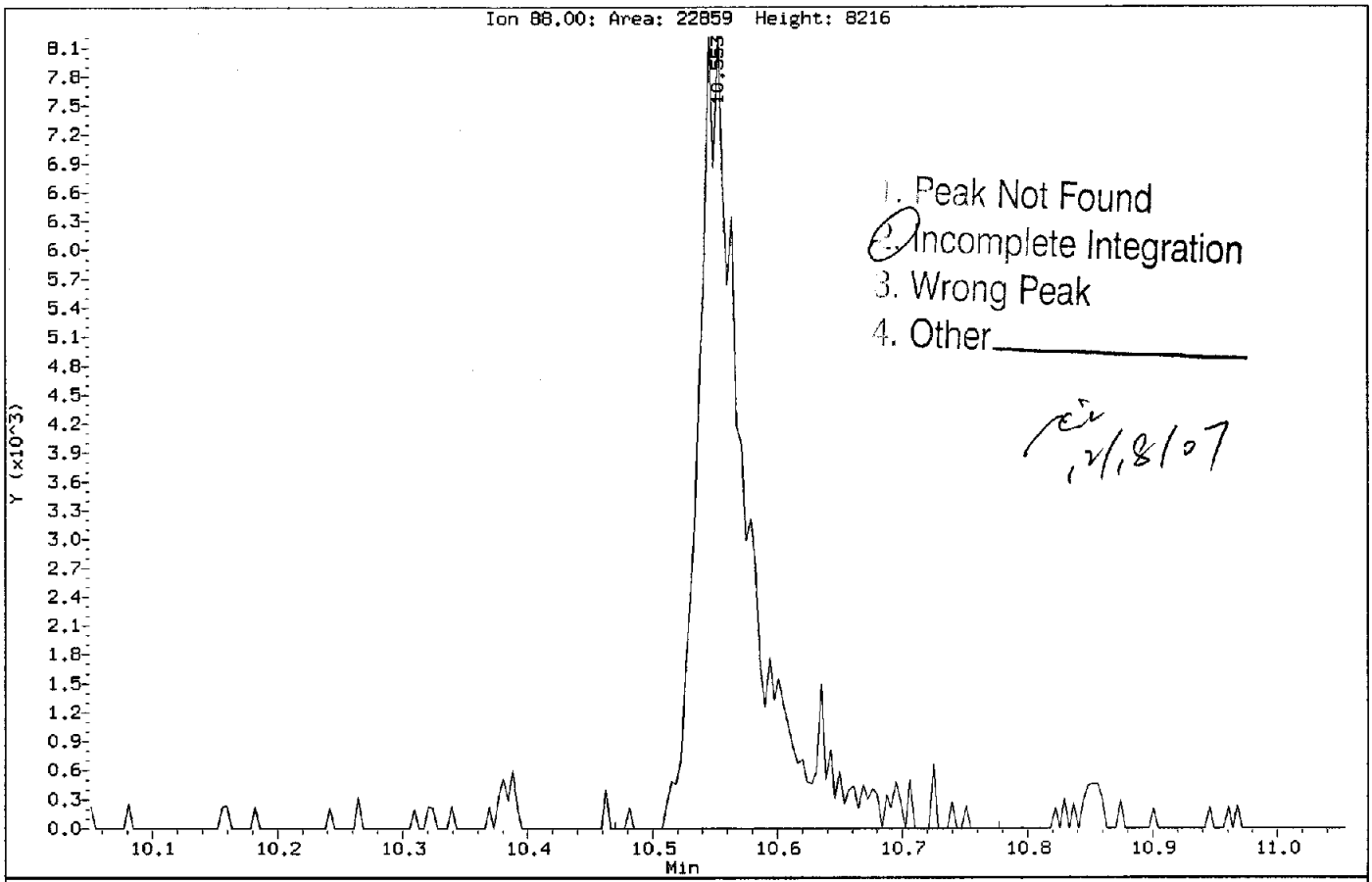
Compound: n-Butanol
CAS Number: 71-36-3

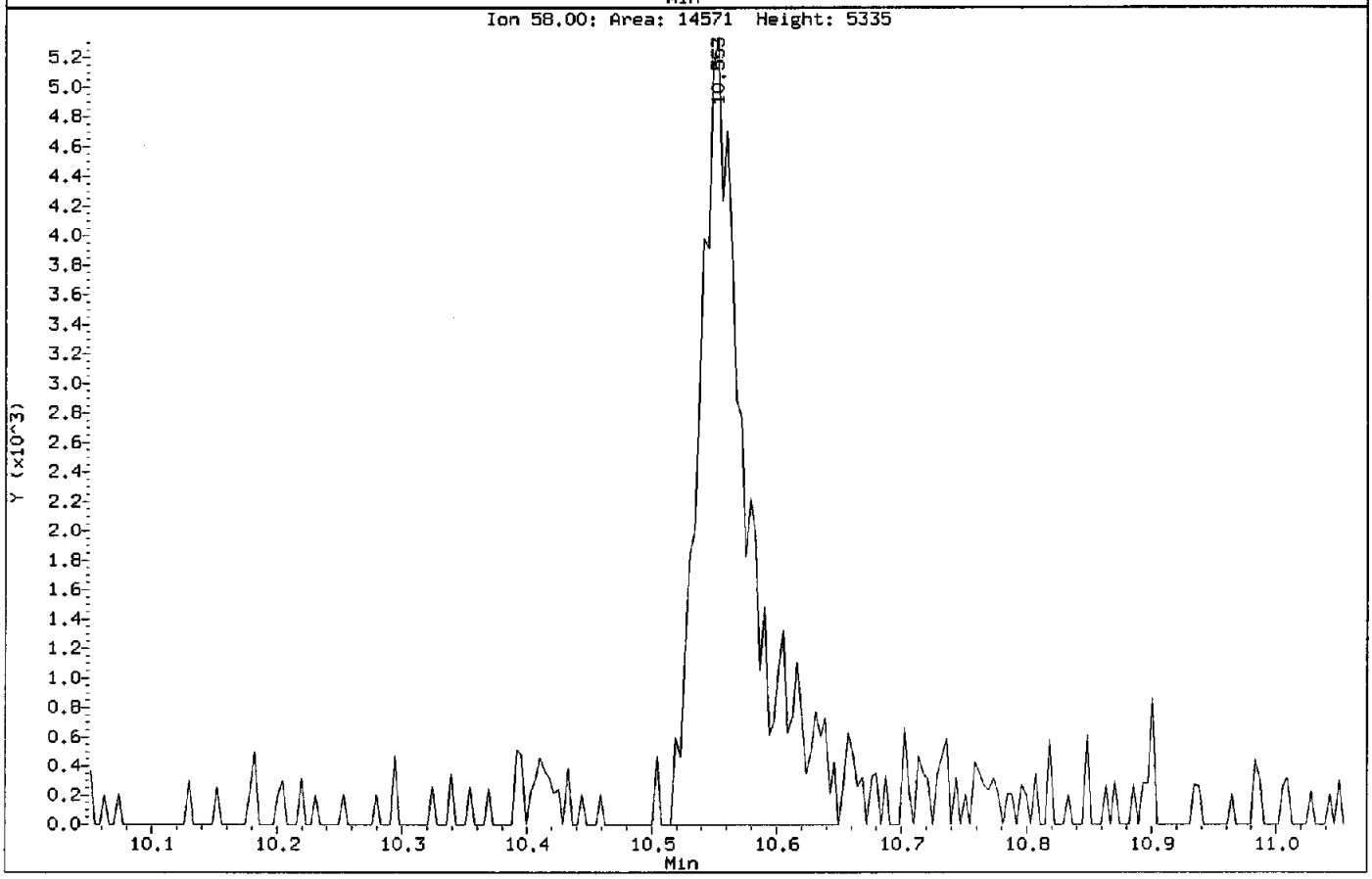




Data File: \\Slsvr01\Chem\MSL.i\L071217A.B\LICV7333.D
Injection Date: 17-DEC-2007 18:01
Instrument: MSL.i
Client Sample ID: ICV

Compound: 1,4-Dioxane
CAS Number: 123-91-1





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBFB7451.D

Date : 24-DEC-2007 10:23

Client ID: VBFB

Instrument: MSL.i

Sample Info: 50ng BFB;L071224A.B

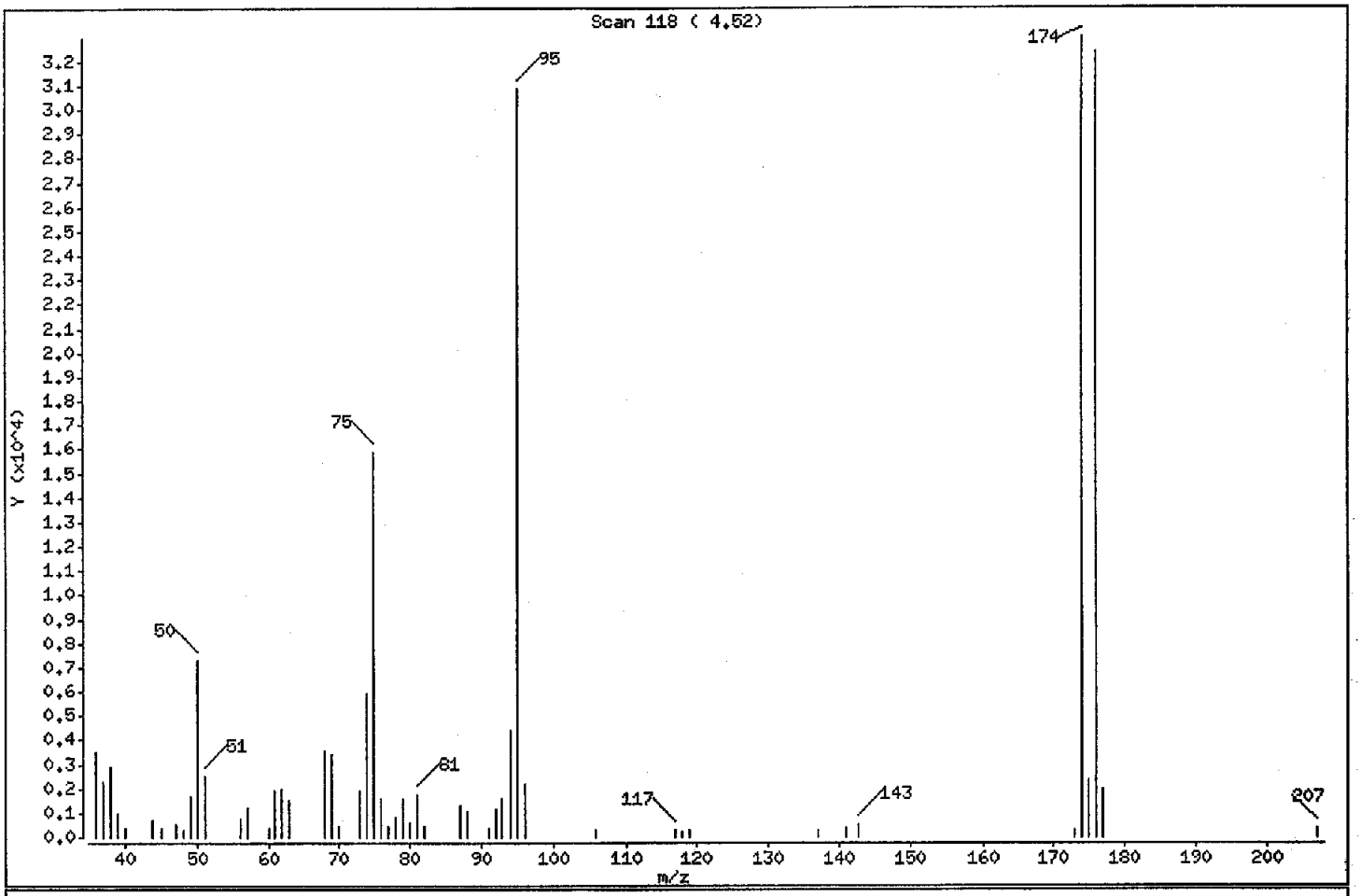
Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.59
75	30.00 - 60.00% of mass 95	51.37
96	5.00 - 9.00% of mass 95	7.25
173	Less than 2.00% of mass 174	0.96 (0.90)
174	Greater than 50.00% of mass 95	106.93
175	5.00 - 9.00% of mass 174	7.75 (7.24)
176	95.00 - 101.00% of mass 174	104.98 (98.18)
177	5.00 - 9.00% of mass 176	6.47 (6.17)

12/24/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBFB7451.D

Date : 24-DEC-2007 10:23

Client ID: VBFB

Instrument: MSL.i

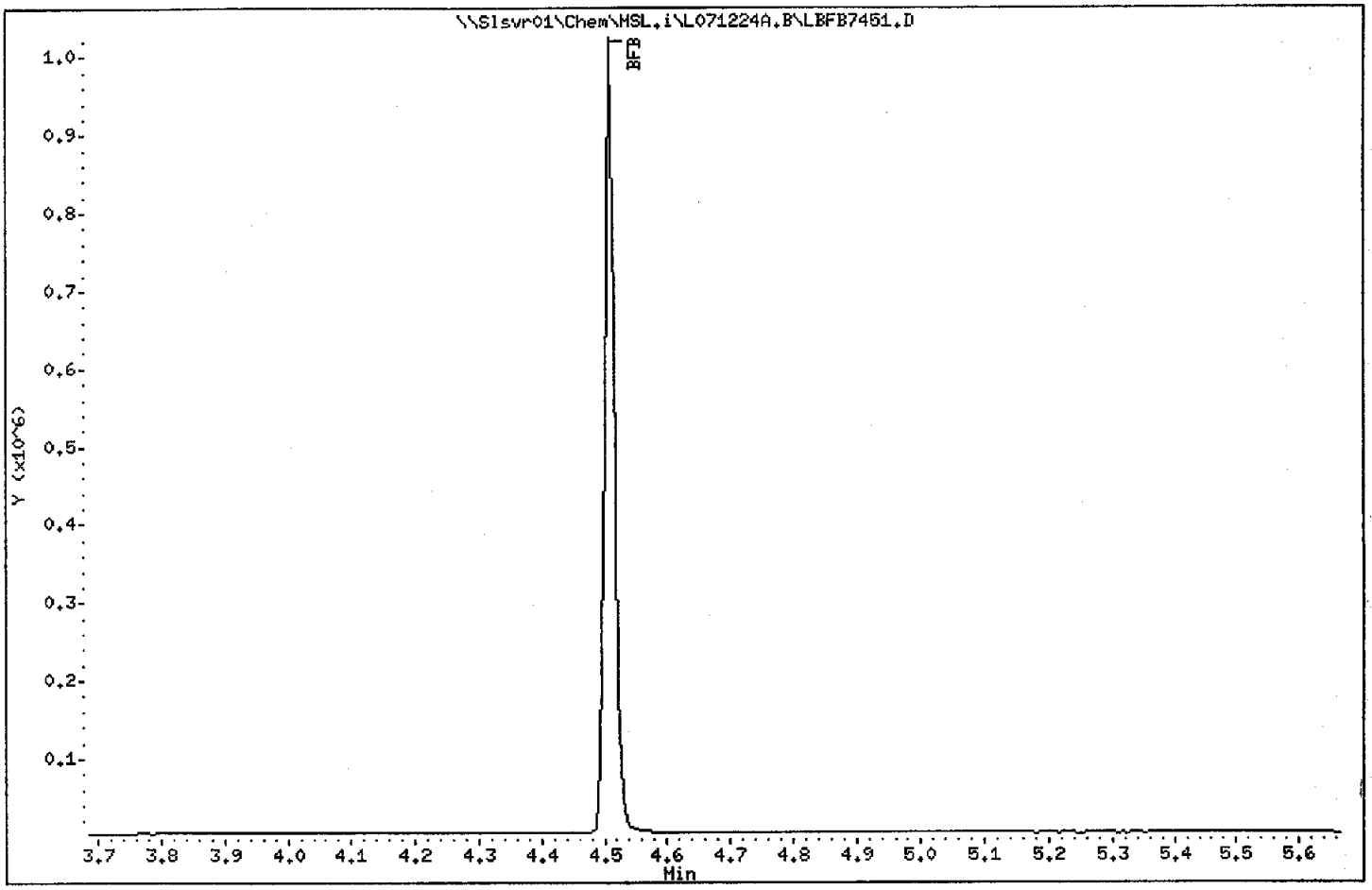
Sample Info: 50ng BFB;L071224A.B

Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53



Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBFB7451.D

Date : 24-DEC-2007 10:23

Client ID: VBFB

Instrument: MSL.i

Sample Info: 50ng BFB;L071224A.B

Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

Data File: LBFB7451.D
Spectrum: Scan 118 (4.52)
Location of Maximum: 173.90
Number of points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3469	60.00	375	79.90	628	118.90	267
37.00	2262	61.00	1919	80.90	1733	136.90	289
38.00	2876	62.00	2005	81.90	429	140.90	413
39.00	1016	63.00	1520	86.90	1262	142.80	500
39.90	365	68.00	3557	87.90	1097	173.00	296
43.90	655	69.00	3394	90.90	362	173.90	32976
45.00	416	70.00	431	92.00	1133	174.90	2389
47.00	522	73.00	1936	92.90	1626	175.90	32376
48.00	297	74.00	5933	94.00	4383	176.90	1996
49.00	1665	75.00	15844	95.00	30840	207.10	382
50.00	7275	76.00	1612	96.00	2236		
51.00	2498	77.00	479	105.80	312		
56.00	767	78.00	808	116.90	334		
57.00	1241	78.90	1624	117.90	263		

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7452.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 10:49
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
	1 Dichlorodifluoromethane	0.32016	0.26542	0.26542	0.000	17.09928	20.00000	Averaged	
	2 Freon-114	0.07533	0.11508	0.11508	0.000	-52.76111	20.00000	Averaged	<-
	3 Chloromethane	0.58212	0.47792	0.47792	0.100	17.90083	20.00000	Averaged	
	4 Vinyl Chloride	0.49282	0.41437	0.41437	0.000	15.91706	20.00000	Averaged	
	5 Bromomethane	0.30980	0.39340	0.39340	0.000	-26.98761	20.00000	Averaged	<-
	6 Chloroethane	0.29779	0.32314	0.32314	0.000	-8.51303	20.00000	Averaged	
	7 Trichlorofluoromethane	0.43532	0.38128	0.38128	0.000	12.41386	20.00000	Averaged	
	8 Diethyl ether	0.08417	0.08797	0.08797	0.000	-4.51828	20.00000	Averaged	
	9 1,1-Dichloroethene	0.23860	0.22803	0.22803	0.000	4.43215	20.00000	Averaged	
	10 1,1,2-Trichlorofluoroethane	0.24110	0.22628	0.22628	0.000	6.14928	20.00000	Averaged	
	11 Carbon Disulfide	0.78406	0.78168	0.78168	0.000	0.30324	20.00000	Averaged	
	12 Iodomethane	0.08331	0.06955	0.06955	0.000	16.52075	20.00000	Averaged	
	13 Acrolein	0.00421	0.00349	0.00349	0.000	17.20604	20.00000	Averaged	
	14 Allyl chloride	0.26964	0.24618	0.24618	0.000	8.69938	20.00000	Averaged	
	15 Methylene Chloride	0.22255	0.22663	0.22663	0.000	-1.83640	20.00000	Averaged	
	16 Acetone	10.00000	10.70291	0.02191	0.000	-7.02913	20.00000	Linear	
	17 trans-1,2-Dichloroethene	0.28690	0.27681	0.27681	0.000	3.51934	20.00000	Averaged	
	18 n-Hexane	0.50648	0.53721	0.53721	0.000	-6.06680	20.00000	Averaged	
	19 Methyl Acetate	0.02138	0.02040	0.02040	0.000	4.56998	20.00000	Averaged	
	20 MTBE	0.25941	0.26094	0.26094	0.000	-0.59182	20.00000	Averaged	
M	21 1,2-Dichloroethene (total)	0.26688	0.26423	0.26423	0.000	0.99235	20.00000	Averaged	
	22 Acetonitrile	50.00000	47.88736	0.00584	0.000	4.22528	20.00000	Linear	
	23 Acrylonitrile	0.02206	0.02471	0.02471	0.000	-12.02654	20.00000	Averaged	
	24 1,1-Dichloroethane	0.50543	0.49326	0.49326	0.100	2.40717	20.00000	Averaged	
	25 2-Chloro-1,3-butadiene	0.40705	0.38376	0.38376	0.000	5.72051	20.00000	Averaged	
	26 Vinyl acetate	0.12793	0.14582	0.14582	0.000	-13.98768	20.00000	Averaged	
	27 cis-1,2-Dichloroethene	0.24685	0.25165	0.25165	0.000	-1.94466	20.00000	Averaged	
	28 2,2-Dichloropropane	0.42142	0.38673	0.38673	0.000	8.23159	20.00000	Averaged	
	29 Bromochloromethane	0.05730	0.05955	0.05955	0.000	-3.92388	20.00000	Averaged	
	30 Cyclohexane	0.44342	0.43755	0.43755	0.000	1.32358	20.00000	Averaged	
	31 Chloroform	0.41391	0.43189	0.43189	0.000	-4.34278	20.00000	Averaged	
	32 Ethyl acetate	20.00000	18.37466	0.01081	0.000	8.12672	20.00000	Linear	
	33 Carbon Tetrachloride	0.33824	0.33146	0.33146	0.000	2.00447	20.00000	Averaged	
	34 Isobutanol	0.00385	0.00397	0.00397	0.000	-3.10079	20.00000	Averaged	
	35 Tetrahydrofuran	0.00575	0.00606	0.00606	0.000	-5.39428	20.00000	Averaged	
$	36 Dibromofluoromethane	0.14825	0.16510	0.16510	0.000	-11.35992	20.00000	Averaged	
	37 1,1,1-Trichloroethane	0.40692	0.37852	0.37852	0.000	6.97925	20.00000	Averaged	
	38 2-Butanone	10.00000	8.26809	0.01648	0.000	17.31910	20.00000	Linear	
	39 1,1-Dichloropropene	0.39441	0.37946	0.37946	0.000	3.79162	20.00000	Averaged	
	40 Benzene	1.15695	1.13001	1.13001	0.000	2.32798	20.00000	Averaged	
	41 Propionitrile	0.00705	0.00720	0.00720	0.000	-2.23159	20.00000	Averaged	
	42 Methacrylonitrile	0.03220	0.04304	0.04304	0.000	-33.67620	20.00000	Averaged	<-

12/24/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7452.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 10:49
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$	43 1,2-Dichloroethane-d4	0.11659	0.12267	0.12267	0.000	-5.22264	20.00000	Averaged	
	44 1,2-Dichloroethane	0.15535	0.15180	0.15180	0.000	2.28133	20.00000	Averaged	
	46 n-Butanol	0.00081	0.00109	0.00109	0.000	-33.92000	20.00000	Averaged	<-
	47 Methylcyclohexane	0.41985	0.40131	0.40131	0.000	4.41533	20.00000	Averaged	
	48 Trichloroethene	0.28021	0.27634	0.27634	0.000	1.38332	20.00000	Averaged	
	49 Dibromomethane	0.05005	0.05024	0.05024	0.000	-0.38114	20.00000	Averaged	
	50 1,2-Dichloropropane	0.21925	0.22130	0.22130	0.000	-0.93542	20.00000	Averaged	
	51 Bromodichloromethane	0.21040	0.21238	0.21238	0.000	-0.93926	20.00000	Averaged	
M	52 Xylenes (total)	0.88254	0.82307	0.82307	0.000	6.73848	20.00000	Averaged	
	53 Methyl methacrylate	0.04122	0.06226	0.06226	0.000	-51.04875	20.00000	Averaged	<-
	54 1,4-Dioxane	200	846	0.00376	0.000	-323	20.00000	Linear	<-
	55 2-chloroethyl vinyl ether	0.02712	0.01680	0.01680	0.000	38.05984	20.00000	Averaged	<-
	56 cis-1,3-Dichloropropene	0.21726	0.20768	0.20768	0.000	4.41021	20.00000	Averaged	
$	57 Toluene-d8	1.49517	1.51937	1.51937	0.000	-1.61847	20.00000	Averaged	
	58 Toluene	2.09585	1.92662	1.92662	0.000	8.07452	20.00000	Averaged	
	59 2-Nitro-Propane	10.00000	9.08096	0.05094	0.000	9.19038	20.00000	Linear	
	60 4-Methyl-2-pentanone	0.08894	0.08497	0.08497	0.000	4.46770	20.00000	Averaged	
	61 trans-1,3-Dichloropropene	0.24950	0.23933	0.23933	0.000	4.07616	20.00000	Averaged	
	62 Tetrachloroethene	10.00000	9.59166	0.33481	0.000	4.08337	20.00000	Linear	
	63 Ethyl methacrylate	10.00000	8.81706	0.15369	0.000	11.82937	20.00000	Linear	
	64 1,1,2-Trichloroethane	0.15473	0.14149	0.14149	0.000	8.55955	20.00000	Averaged	
	65 Chlorodibromomethane	0.14873	0.14777	0.14777	0.000	0.64768	20.00000	Averaged	
	66 1,3-Dichloropropane	0.28493	0.27427	0.27427	0.000	3.73967	20.00000	Averaged	
	67 1,2-Dibromoethane	0.11001	0.09733	0.09733	0.000	11.52451	20.00000	Averaged	
	68 2-Hexanone	10.00000	8.99747	0.04688	0.000	10.02533	20.00000	Linear	
	69 Ethylbenzene	0.75255	0.68990	0.68990	0.000	8.32459	20.00000	Averaged	
	71 Chlorobenzene	1.07252	1.11337	1.11337	0.300	-3.80866	20.00000	Averaged	
	72 1,1,1,2-Tetrachloroethane	0.28721	0.27394	0.27394	0.000	4.61960	20.00000	Averaged	
	73 m,p-Xylenes	0.94981	0.88075	0.88075	0.000	7.27136	20.00000	Averaged	
	74 o-Xylene	0.74799	0.70771	0.70771	0.000	5.38513	20.00000	Averaged	
	75 Styrene	10.00000	9.08091	0.99201	0.000	9.19086	20.00000	Linear	
	76 Bromoform	0.16086	0.15927	0.15927	0.100	0.98844	20.00000	Averaged	
	77 Isopropylbenzene	5.64746	4.53580	4.53580	0.000	19.68424	20.00000	Averaged	
$	78 4-Bromofluorobenzene	0.98266	0.86974	0.86974	0.000	11.49104	20.00000	Averaged	
	79 n-Propylbenzene	7.86499	6.38697	6.38697	0.000	18.79233	20.00000	Averaged	
	80 Bromobenzene	0.79957	0.69168	0.69168	0.000	13.49380	20.00000	Averaged	
	81 1,1,2,2-Tetrachloroethane	0.40608	0.35797	0.35797	0.300	11.84760	20.00000	Averaged	
	82 1,3,5-Trimethylbenzene	4.78326	3.97449	3.97449	0.000	16.90839	20.00000	Averaged	
	83 2-Chlorotoluene	3.75369	3.07580	3.07580	0.000	18.05926	20.00000	Averaged	
	84 1,2,3-Trichloropropane	0.10496	0.09567	0.09567	0.000	8.85043	20.00000	Averaged	
	85 trans-1,4-dichloro-2-butene	10.00000	8.58399	0.08166	0.000	14.16009	20.00000	Linear	
	86 4-Chlorotoluene	3.50668	2.95215	2.95215	0.000	15.81369	20.00000	Averaged	

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7452.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 10:49
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
87 Cyclohexanone	100	53.56455	0.00706	0.000	46.43545	20.00000	Quadratic	<-
88 t-Butylbenzene	4.27455	3.54971	3.54971	0.000	16.95725	20.00000	Averaged	
89 Pentachloroethane	10.00000	9.98792	0.39332	0.000	0.12077	20.00000	Linear	
90 1,2,4-Trimethylbenzene	4.63758	3.93839	3.93839	0.000	15.07661	20.00000	Averaged	
91 sec-Butylbenzene	7.01564	5.76058	5.76058	0.000	17.88945	20.00000	Averaged	
92 4-Isopropyltoluene	5.32575	4.52607	4.52607	0.000	15.01542	20.00000	Averaged	
93 1,3-Dichlorobenzene	1.84136	1.63201	1.63201	0.000	11.36897	20.00000	Averaged	
95 1,4-Dichlorobenzene	1.81580	1.68722	1.68722	0.000	7.08103	20.00000	Averaged	
96 n-Butylbenzene	5.67056	4.82861	4.82861	0.000	14.84772	20.00000	Averaged	
98 1,2-Dichlorobenzene	1.36228	1.25506	1.25506	0.000	7.87062	20.00000	Averaged	
99 1,2-Dibromo-3-chloropropane	0.04332	0.04168	0.04168	0.000	3.78516	20.00000	Averaged	
100 Hexachlorobutadiene	0.53565	0.47969	0.47969	0.000	10.44847	20.00000	Averaged	
101 1,2,4-Trichlorobenzene	0.61457	0.69233	0.69233	0.000	-12.65339	20.00000	Averaged	
102 Naphthalene	0.70926	0.78885	0.78885	0.000	-11.22192	20.00000	Averaged	
103 1,2,3-Trichlorobenzene	0.34401	0.45389	0.45389	0.000	-31.94184	20.00000	Averaged	<-
143 Nonanal	10.00000	9.67898	0.07868	0.000	3.21017	20.00000	Linear	

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Lab Smp Id: VSTD10 Client Smp ID: VSTD10
Inj Date : 24-DEC-2007 10:49
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD10;L071224A.B
Misc Info : VBLKL358A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:04 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.464	3.464	(0.358)	319329	10.0000	8.290
	2 Freon-114	135	3.741	3.741	(0.387)	138452	10.0000	15.28
	3 Chloromethane	50	3.898	3.898	(0.403)	574990	10.0000	8.210
	4 Vinyl Chloride	62	4.097	4.097	(0.424)	498539	10.0000	8.408
	5 Bromomethane	94	4.800	4.800	(0.496)	473309	10.0000	12.70
	6 Chloroethane	64	5.032	5.032	(0.520)	388771	10.0000	10.85
	7 Trichlorofluoromethane	101	5.279	5.279	(0.546)	458726	10.0000	8.759
	8 Diethyl ether	59	5.792	5.792	(0.599)	211678	20.0000	20.90
	9 1,1-Dichloroethene	96	6.147	6.147	(0.636)	274343	10.0000	9.557
	10 1,1,2-Trichlorofluoroethane	101	6.132	6.132	(0.634)	272235	10.0000	9.385
	11 Carbon Disulfide	76	6.305	6.305	(0.652)	940452	10.0000	9.970
	12 Iodomethane	142	6.432	6.432	(0.665)	83672	10.0000	8.348
	13 Acrolein	56	6.623	6.623	(0.685)	20967	50.0000	41.40
	14 Allyl chloride	39	6.810	6.810	(0.704)	296182	10.0000	9.130
	15 Methylene Chloride	84	6.967	6.967	(0.721)	272667	10.0000	10.18
	16 Acetone	43	6.967	6.967	(0.721)	26359	10.0000	10.70
	17 trans-1,2-Dichloroethene	96	7.180	7.180	(0.743)	333030	10.0000	9.648
	18 n-Hexane	57	7.177	7.177	(0.742)	646323	10.0000	10.61
	19 Methyl Acetate	74	7.128	7.128	(0.737)	24549	10.0000	9.543(M)
	20 MTBE	73	7.210	7.210	(0.746)	313942	10.0000	10.06
M	21 1,2-Dichloroethene (total)	96				635796	20.0000	19.84
	22 Acetonitrile	41	7.562	7.562	(0.782)	35138	50.0000	47.89

12/24/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	23 Acrylonitrile	53	7.906	7.906	(0.818)	148673	50.0000	56.01
	24 1,1-Dichloroethane	63	7.869	7.869	(0.814)	593451	10.0000	9.759
	25 2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	461709	10.0000	9.428
	26 Vinyl acetate	43	8.078	8.078	(0.836)	175443	10.0000	11.40
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	302766	10.0000	10.19
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	465276	10.0000	9.177
	29 Bromochloromethane	128	8.692	8.692	(0.899)	71642	10.0000	10.39
	30 Cyclohexane	84	8.666	8.666	(0.896)	526423	10.0000	9.868
	31 Chloroform	83	8.707	8.707	(0.901)	519613	10.0000	10.43
	32 Ethyl acetate	43	8.752	8.752	(0.905)	26022	20.0000	18.37
	33 Carbon Tetrachloride	117	8.894	8.894	(0.920)	398780	10.0000	9.800
	34 Isobutanol	42	8.891	8.891	(0.920)	95611	200.000	206.2
	35 Tetrahydrofuran	71	8.891	8.891	(0.920)	36480	50.0000	52.70
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	198629	10.0000	11.14
	37 1,1,1-Trichloroethane	97	8.932	8.932	(0.924)	455400	10.0000	9.302
	38 2-Butanone	43	8.962	8.962	(0.927)	19825	10.0000	8.268
	39 1,1-Dichloropropene	75	9.048	9.048	(0.936)	456529	10.0000	9.621
	40 Benzene	78	9.313	9.313	(0.963)	1359533	10.0000	9.767
	41 Propionitrile	54	9.272	9.272	(0.959)	43332	50.0000	51.12
	42 Methacrylonitrile	41	9.283	9.283	(0.960)	258912	50.0000	66.84
$	43 1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	147592	10.0000	10.52
	44 1,2-Dichloroethane	62	9.512	9.512	(0.984)	182634	10.0000	9.772
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	1203114	10.0000	
	46 n-Butanol	56	10.028	10.028	(1.037)	13079	100.000	133.9
	47 Methylcyclohexane	55	9.811	9.811	(1.015)	482820	10.0000	9.558
	48 Trichloroethene	130	9.852	9.852	(1.019)	332465	10.0000	9.862
	49 Dibromomethane	93	10.313	10.313	(1.067)	60445	10.0000	10.04
	50 1,2-Dichloropropane	63	10.320	10.320	(1.067)	266255	10.0000	10.09
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	255514	10.0000	10.09
M	52 Xylenes (total)	106				1857841	30.0000	28.01
	53 Methyl methacrylate	69	10.399	10.399	(1.075)	74904	10.0000	15.10
	54 1,4-Dioxane	88	10.545	10.545	(1.091)	90508	200.000	846.2(A)
	55 2-chloroethyl vinyl ether	63	10.803	10.803	(1.117)	20210	10.0000	6.194
	56 cis-1,3-Dichloropropene	75	10.930	10.930	(1.130)	249861	10.0000	9.559
$	57 Toluene-d8	98	11.083	11.083	(0.885)	1143178	10.0000	10.16
	58 Toluene	91	11.136	11.136	(0.889)	1449596	10.0000	9.192
	59 2-Nitro-Propane	43	11.304	11.304	(0.902)	38329	10.0000	9.081
	60 4-Methyl-2-pentanone	43	11.360	11.360	(0.907)	63931	10.0000	9.553
	61 trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	180074	10.0000	9.592
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	251914	10.0000	9.592
	63 Ethyl methacrylate	69	11.506	11.506	(0.918)	115634	10.0000	8.817
	64 1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	106455	10.0000	9.144
	65 Chlorodibromomethane	129	11.892	11.892	(0.949)	111182	10.0000	9.935
	66 1,3-Dichloropropane	76	11.911	11.911	(0.951)	206362	10.0000	9.626
	67 1,2-Dibromoethane	107	12.146	12.146	(0.970)	73231	10.0000	8.848
	68 2-Hexanone	43	12.116	12.116	(0.967)	35273	10.0000	8.997
	69 Ethylbenzene	106	12.498	12.498	(0.998)	519085	10.0000	9.168
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	752404	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	837701	10.0000	10.38
	72 1,1,1,2-Tetrachloroethane	131	12.584	12.584	(1.004)	206112	10.0000	9.538
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1325360	20.0000	18.54
	74 o-Xylene	106	13.033	13.033	(1.040)	532481	10.0000	9.461
	75 Styrene	104	13.089	13.089	(1.045)	746392	10.0000	9.081
	76 Bromoform	173	13.258	13.258	(0.900)	50522	10.0000	9.901

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1438806	10.0000	8.032
$ 78	4-Bromofluorobenzene	95	13.647	13.647	(0.927)	275892	10.0000	8.851
79	n-Propylbenzene	91	13.681	13.681	(0.929)	2026018	10.0000	8.121
80	Bromobenzene	156	13.793	13.793	(0.937)	219407	10.0000	8.651
81	1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	113552	10.0000	8.815
82	1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1260752	10.0000	8.309
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	975677	10.0000	8.194
84	1,2,3-Trichloropropane	110	13.939	13.939	(0.947)	30348	10.0000	9.115
85	trans-1,4-dichloro-2-butene	53	13.931	13.931	(0.946)	25905	10.0000	8.584
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	936454	10.0000	8.419
87	Cyclohexanone	55	14.006	14.006	(0.951)	22402	100.000	53.56
88	t-Butylbenzene	119	14.160	14.160	(0.962)	1126006	10.0000	8.304
89	Pentachloroethane	167	14.279	14.279	(0.970)	124766	10.0000	9.988
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1249301	10.0000	8.492
91	sec-Butylbenzene	105	14.328	14.328	(0.973)	1827320	10.0000	8.211
92	4-Isopropyltoluene	119	14.437	14.437	(0.980)	1435719	10.0000	8.498
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	517693	10.0000	8.863
* 94	1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	317211	10.0000	
95	1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	535206	10.0000	9.292
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1531689	10.0000	8.515
98	1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	398118	10.0000	9.213
99	1,2-Dibromo-3-chloropropane	157	15.978	15.978	(1.085)	13220	10.0000	9.621
100	Hexachlorobutadiene	225	16.555	16.555	(1.124)	152162	10.0000	8.955
101	1,2,4-Trichlorobenzene	180	16.682	16.682	(1.133)	219616	10.0000	11.26
102	Naphthalene	128	17.079	17.079	(1.160)	250232	10.0000	11.12
103	1,2,3-Trichlorobenzene	180	17.296	17.296	(1.175)	143979	10.0000	13.19
143	Nonanal	57	15.743	15.743	(1.628)	94657	10.0000	9.679

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Report Date: 24-Dec-2007 15:06

STL St. Louis

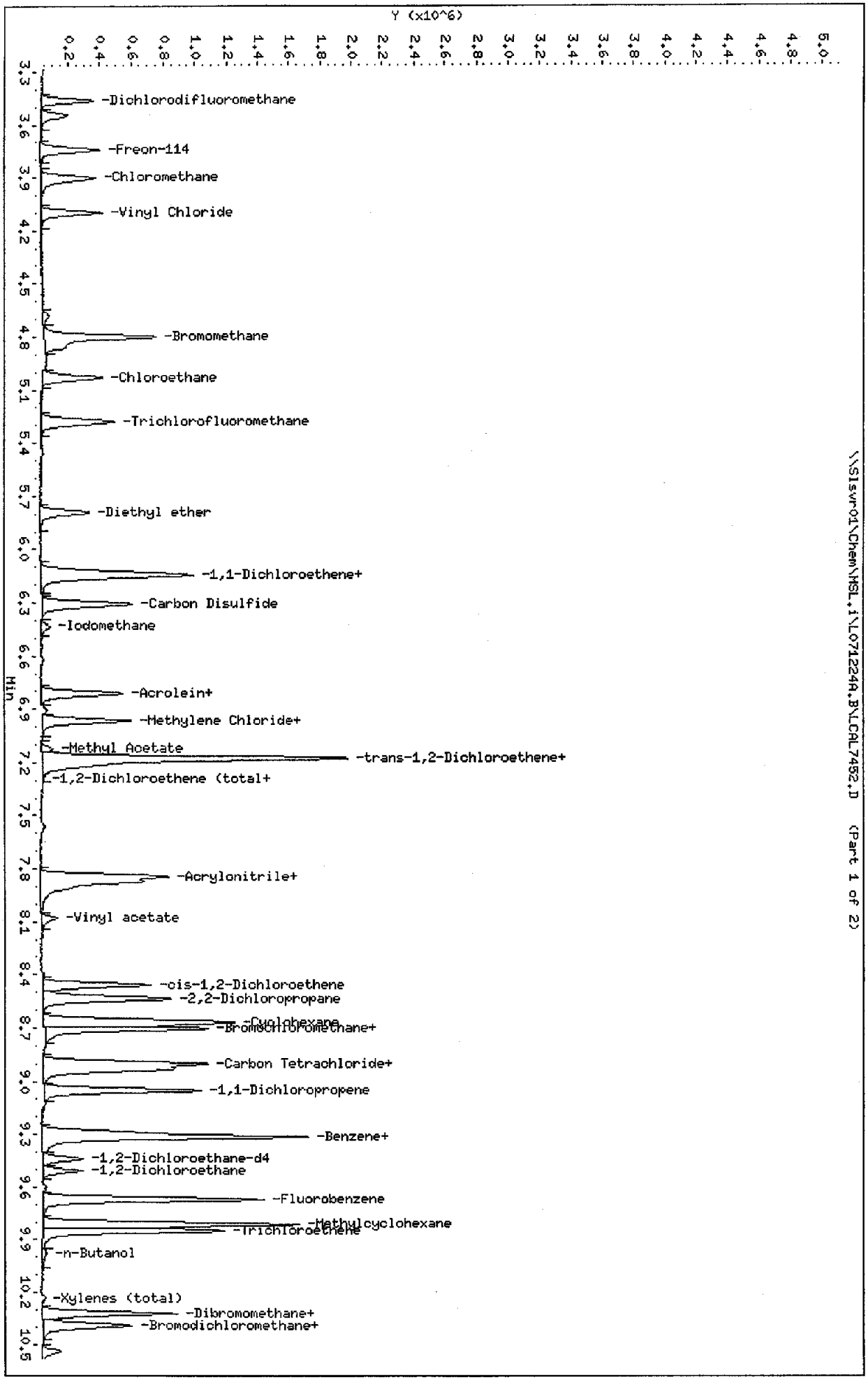
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

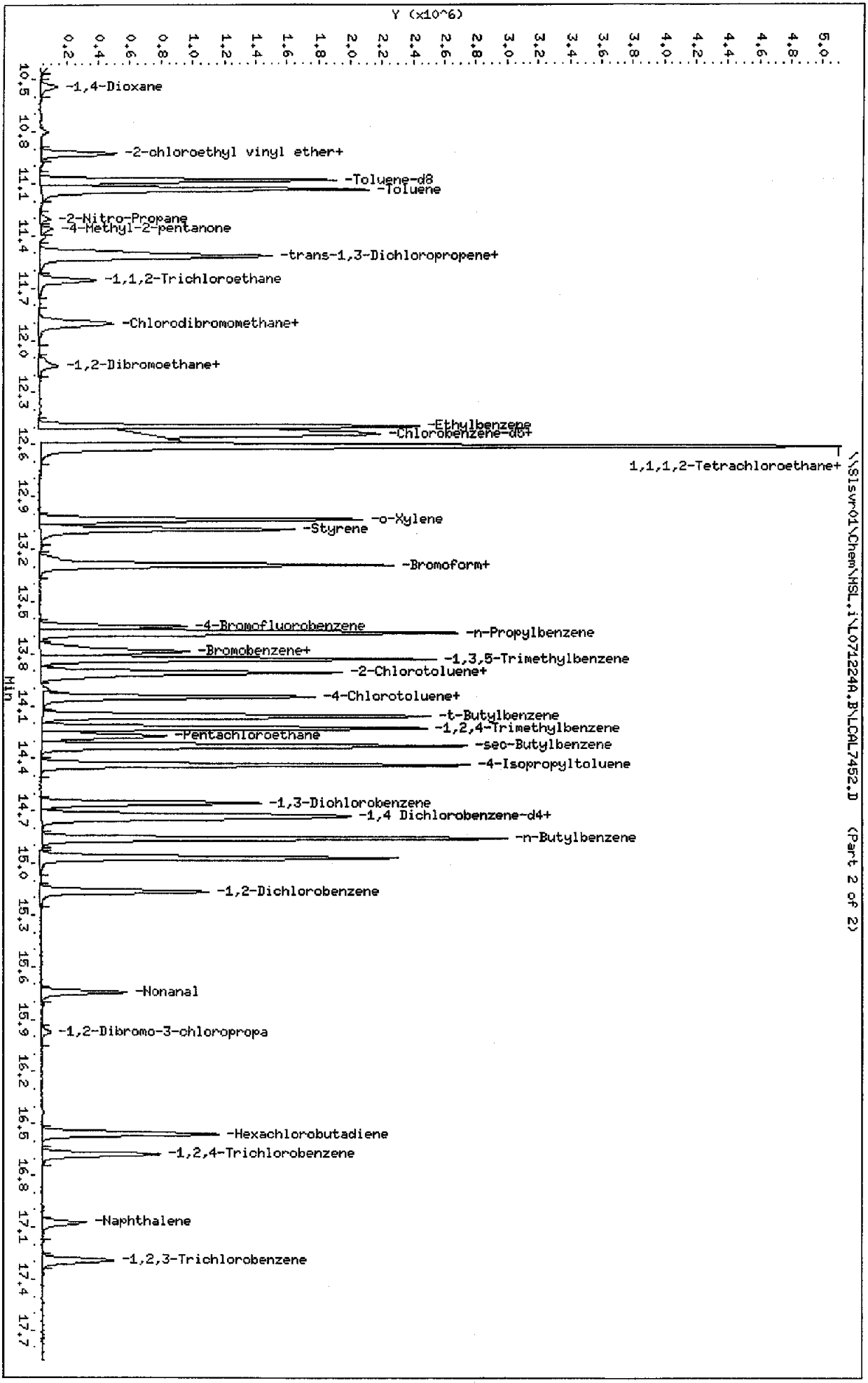
Instrument ID: MSL.i
Lab File ID: LCAL7452.D
Lab Smp Id: VSTD10
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD10
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	1203114	22.27
70 Chlorobenzene-d5	563731	281866	1127462	752404	33.47
94 1,4 Dichlorobenze	211084	105542	422168	317211	50.28

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Date : 24-DEC-2007 10:49
Client ID: VSTD10
Sample Info: VSTD10;L071224A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Acrolein+
-Methylene Chloride+
-Methyl Acetate
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene
-n-Butanol
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+

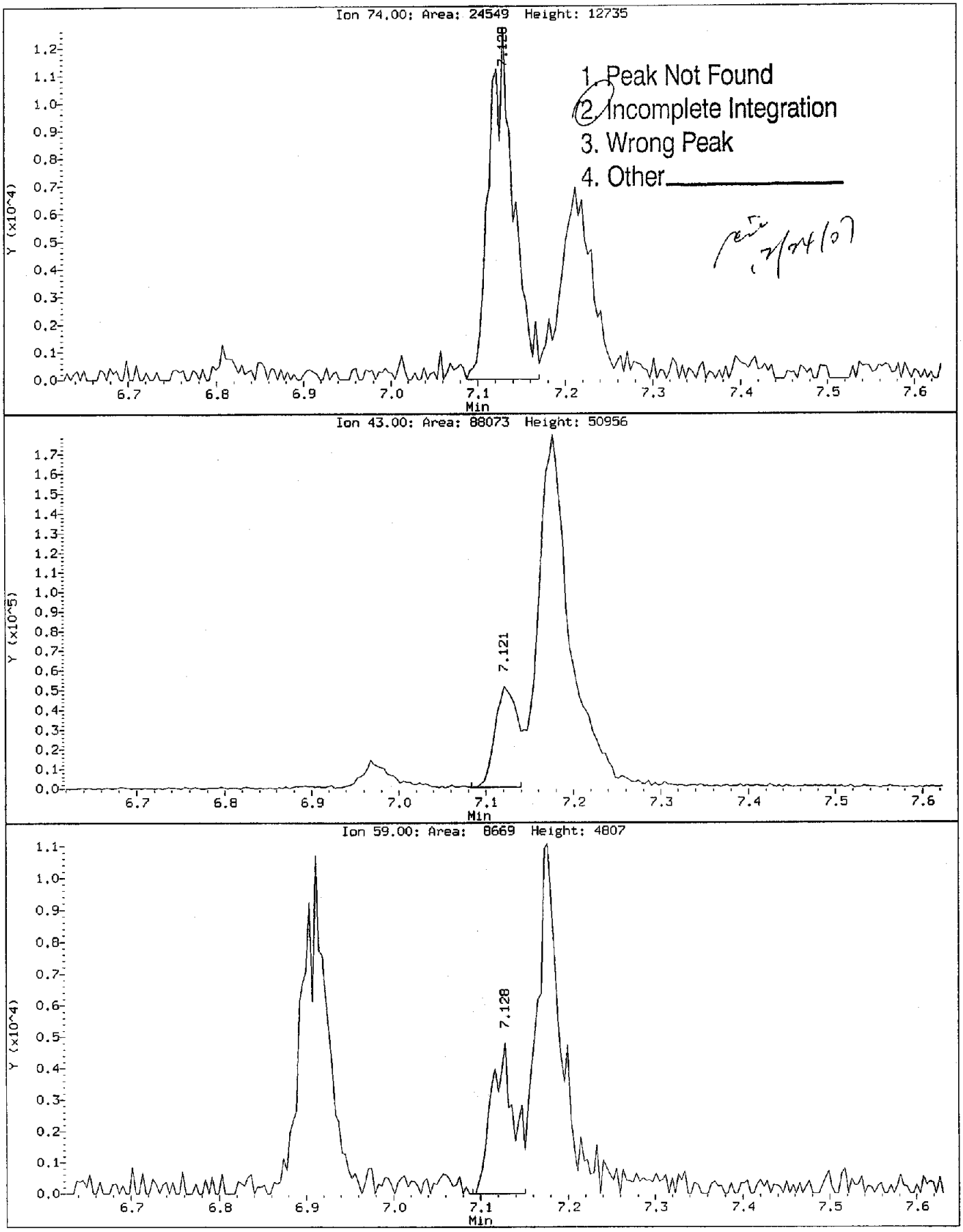


Data File: \\Slsvr01\Chem\MSL,i\LO71224A,B\LCAL7452.D
Date : 24-DEC-2007 10:49
Client ID: VSTD10
Sample Info: VSTD10;LO71224A,B
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL,i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7452.D
Injection Date: 24-DEC-2007 10:49
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Methyl Acetate
CAS Number:



Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LCAL7453.D
Report Date: 24-Dec-2007 15:12

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7453.D
Analysis Type: WATER
Lab Sample ID: VSTD10-BRC
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 11:16
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
157 Ethanol	0.00331	0.00377	0.00377	0.000	-13.83617	20.00000	Averaged
144 2,2-Dimethylpentane	0.68759	0.62928	0.62928	0.000	8.48060	20.00000	Averaged
145 2,4-Dimethylpentane	0.53481	0.51973	0.51973	0.000	2.81961	20.00000	Averaged
146 2,2,3-Trimethylbutane	0.63832	0.58925	0.58925	0.000	7.68705	20.00000	Averaged
147 3,3-Dimethylpentane	0.68601	0.64656	0.64656	0.000	5.75117	20.00000	Averaged
148 2-Methylhexane	0.57247	0.56006	0.56006	0.000	2.16709	20.00000	Averaged
149 2,3-Dimethylpentane	0.19434	0.18957	0.18957	0.000	2.45684	20.00000	Averaged
150 3-Methylhexane	0.28354	0.25311	0.25311	0.000	10.73239	20.00000	Averaged
156 3-Ethylpentane	0.67279	0.62818	0.62818	0.000	6.63130	20.00000	Averaged
151 Heptane	0.46101	0.43193	0.43193	0.000	6.30718	20.00000	Averaged
152 Dimethyl Disulfide	10.00000	8.19926	0.28729	0.000	18.00739	20.00000	Linear
153 1,3,5-Trichlorobenzene	1.18324	1.03386	1.03386	0.000	12.62512	20.00000	Averaged

12/24/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\LCAL7453.D
Report Date: 24-Dec-2007 15:10

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\LCAL7453.D
Lab Smp Id: VSTD10-BRC Client Smp ID: VSTD10-BRC
Inj Date : 24-DEC-2007 11:16
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD10-BRC;L071224A.B
Misc Info : VBLKL358A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:10 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: BRC.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 45 Fluorobenzene	96	9.669	9.669	(1.000)	1119376	10.0000	
157 Ethanol	45	5.979	5.979	(0.406)	223749	2500.00	2846(M)
144 2,2-Dimethylpentane	57	7.723	7.723	(0.799)	704399	10.0000	9.152
145 2,4-Dimethylpentane	43	7.813	7.813	(0.808)	581778	10.0000	9.718
146 2,2,3-Trimethylbutane	57	8.063	8.063	(0.834)	659596	10.0000	9.231
147 3,3-Dimethylpentane	43	8.423	8.423	(0.871)	723743	10.0000	9.425
148 2-Methylhexane	43	8.524	8.524	(0.882)	626923	10.0000	9.783
149 2,3-Dimethylpentane	71	8.658	8.658	(0.896)	212195	10.0000	9.754
150 3-Methylhexane	57	8.718	8.718	(0.902)	283325	10.0000	8.927
156 3-Ethylpentane	43	8.943	8.943	(0.925)	703169	10.0000	9.337
151 Heptane	43	9.122	9.122	(0.943)	483494	10.0000	9.369
* 70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	631207	10.0000	
152 Dimethyl Disulfide	94	11.020	11.020	(0.880)	181342	10.0000	8.199
* 94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	237698	10.0000	
153 1,3,5-Trichlorobenzene	182	15.978	15.978	(1.085)	245746	10.0000	8.737

12/24/07

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\LCAL7453.D
Report Date: 24-Dec-2007 15:10

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INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

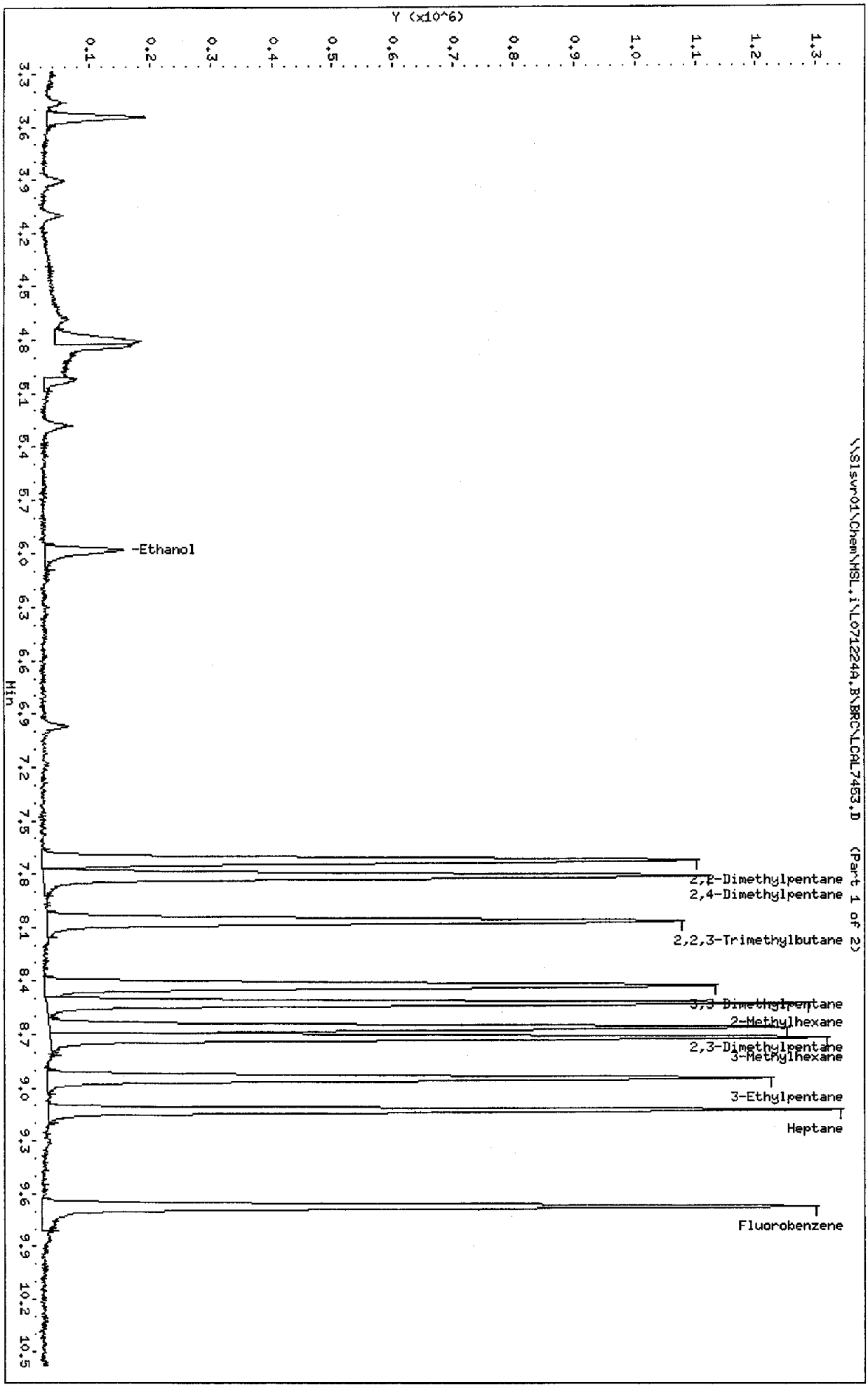
Instrument ID: MSL.i
Lab File ID: LCAL7453.D
Lab Smp Id: VSTD10-BRC
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\8260C-25LLW40.m
Misc Info: VBLKL358A;

Calibration Date: 16-NOV-2007
Calibration Time: 15:58
Client Smp ID: VSTD10-BRC
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1638814	819407	3277628	1119376	-31.70
70 Chlorobenzene-d5	872740	436370	1745480	631207	-27.68
94 1,4 Dichlorobenze	323550	161775	647100	237698	-26.53

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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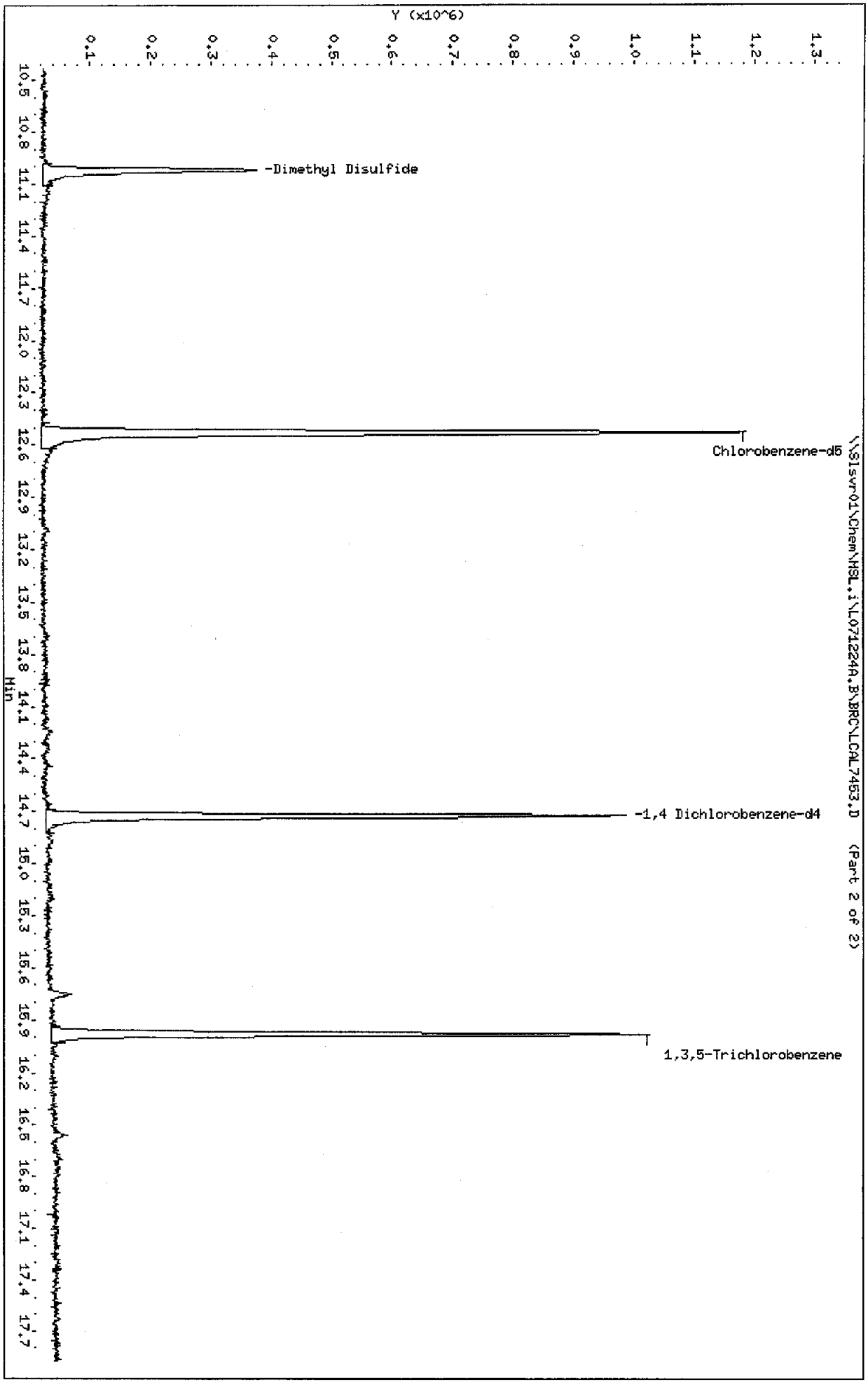
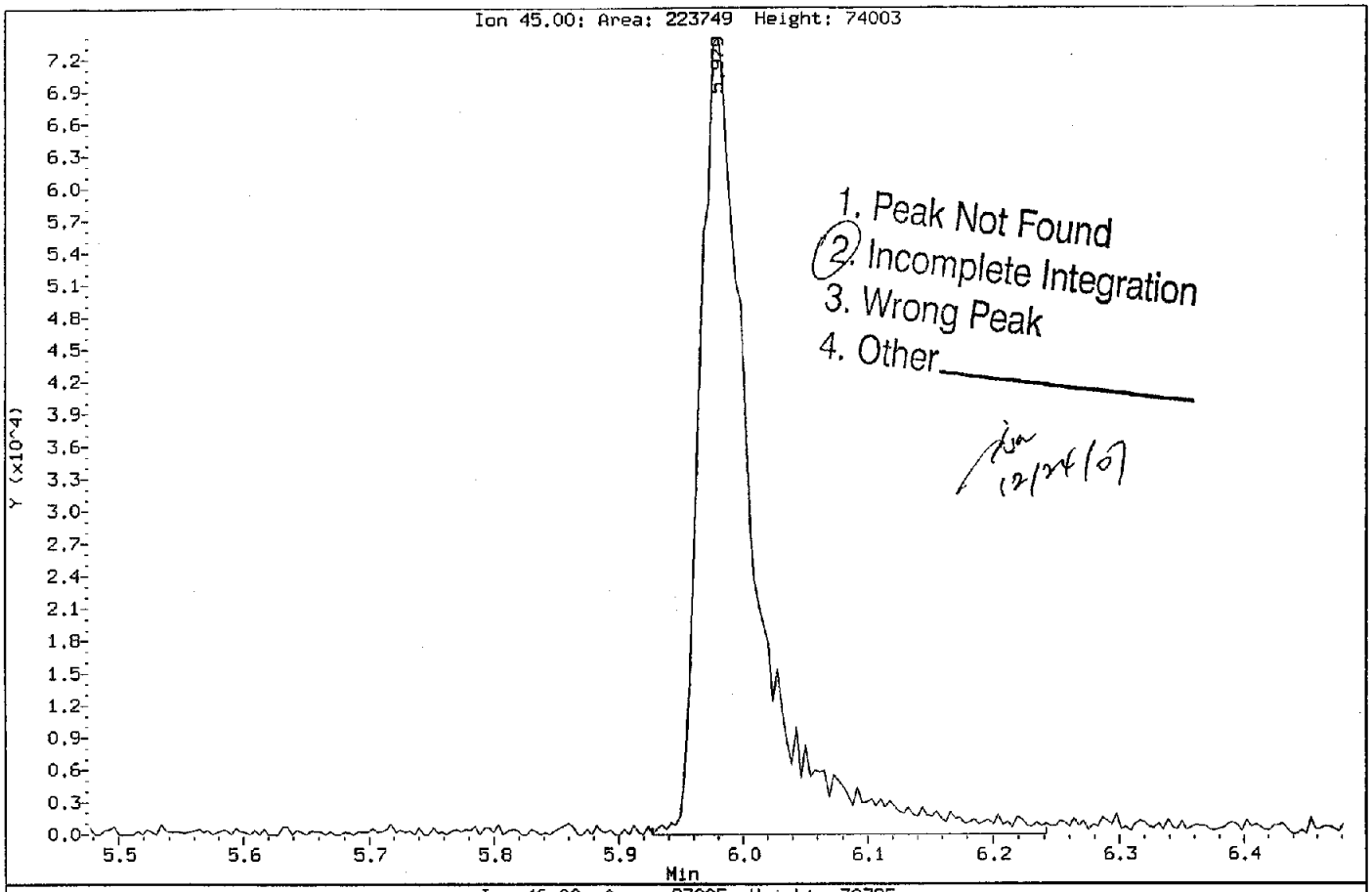
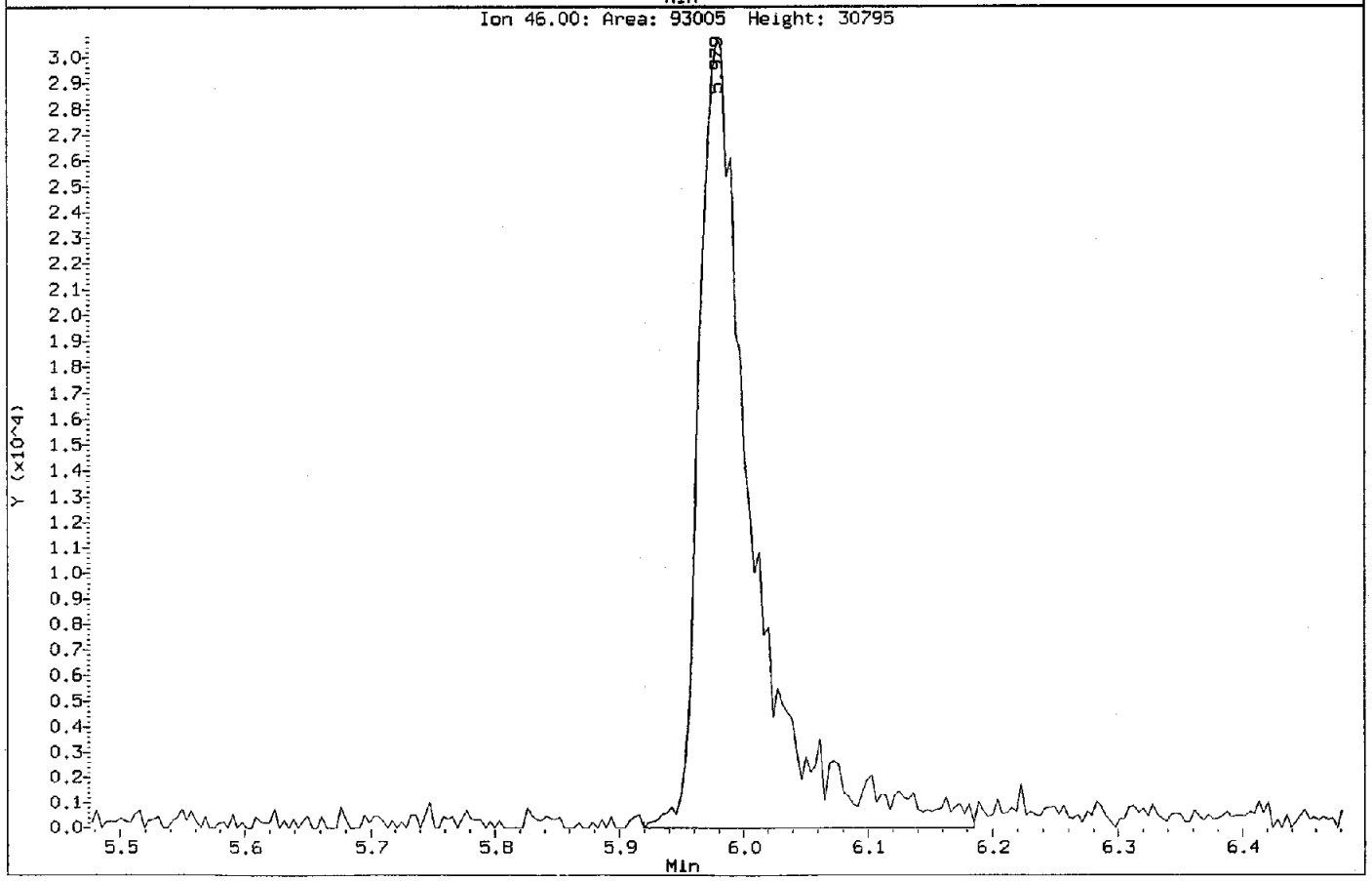
Date : 24-DEC-2007 11:16
Client ID: VSTD10-BRC
Sample Info: VSTD10-BRC;L071224A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
\\Slsvr01\Chem\MSL.i\L071224A.B\BRC\LCAL7453.D (Part 1 of 2)
-Ethanol
2,2-Dimethylpentane
2,4-Dimethylpentane
2,2,3-Trimethylbutane
3,3-Dimethylpentane
2-Methylhexane
2,3-Dimethylpentane
3-Methylhexane
3-Ethylpentane
Heptane
Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\LCAL7453.D
Date : 24-DEC-2007 11:16
Client ID: VSTD10-BRC
Sample Info: VSTD10-BRC;L071224A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
-Dimethyl Disulfide
Chlorobenzene-d5
-1,4 Dichlorobenzene-d4
1,3,5-Trichlorobenzene
\\Slsvr01\Chem\MSL.i\L071224A.B\BRC\LCAL7453.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\BRC\LCAL7453.D
Injection Date: 24-DEC-2007 11:16
Instrument: MSL.i
Client Sample ID: VSTD10-BRC

Compound: Ethanol
CAS Number:





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:49

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LICV7454.D
Analysis Type: WATER
Lab Sample ID: ICV
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 12:08
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
	1 Dichlorodifluoromethane	0.32016	0.27772	0.27772	0.000	13.25705	20.00000	Averaged	
	2 Freon-114	0.07533	0.10501	0.10501	0.000	-39.40267	20.00000	Averaged	<-
	3 Chloromethane	0.58212	0.46369	0.46369	0.100	20.34432	20.00000	Averaged	<-
	4 Vinyl Chloride	0.49282	0.42849	0.42849	0.000	13.05264	20.00000	Averaged	
	5 Bromomethane	0.30980	0.34805	0.34805	0.000	-12.34822	20.00000	Averaged	
	6 Chloroethane	0.29779	0.24179	0.24179	0.000	18.80356	20.00000	Averaged	
	7 Trichlorofluoromethane	0.43532	0.36647	0.36647	0.000	15.81588	20.00000	Averaged	
	8 Diethyl ether	0.08417	0.09782	0.09782	0.000	-16.22464	20.00000	Averaged	
	9 1,1-Dichloroethene	0.23860	0.22950	0.22950	0.000	3.81380	20.00000	Averaged	
	10 1,1,2-Trichlorofluoroethane	0.24110	0.24557	0.24557	0.000	-1.85471	20.00000	Averaged	
	11 Carbon Disulfide	0.78406	0.79833	0.79833	0.000	-1.82015	20.00000	Averaged	
	12 Iodomethane	0.08331	0.07006	0.07006	0.000	15.90045	20.00000	Averaged	
	13 Acrolein	0.00421	0.00463	0.00463	0.000	-9.97392	20.00000	Averaged	
	14 Allyl chloride	0.26964	0.26285	0.26285	0.000	2.51504	20.00000	Averaged	
	15 Methylene Chloride	0.22255	0.23240	0.23240	0.000	-4.42491	20.00000	Averaged	
	16 Acetone	10.00000	9.45734	0.01974	0.000	5.42659	20.00000	Linear	
	17 trans-1,2-Dichloroethene	0.28690	0.28009	0.28009	0.000	2.37349	20.00000	Averaged	
	18 n-Hexane	0.50648	0.50202	0.50202	0.000	0.88139	20.00000	Averaged	
	19 Methyl Acetate	0.02138	0.01816	0.01816	0.000	15.08267	20.00000	Averaged	
	20 MTBE	0.25941	0.30712	0.30712	0.000	-18.39327	20.00000	Averaged	
M	21 1,2-Dichloroethene (total)	0.26688	0.26372	0.26372	0.000	1.18320	20.00000	Averaged	
	22 Acetonitrile	50.00000	52.84564	0.00644	0.000	-5.69128	20.00000	Linear	
	23 Acrylonitrile	0.02206	0.02612	0.02612	0.000	-18.40726	20.00000	Averaged	
	24 1,1-Dichloroethane	0.50543	0.49662	0.49662	0.100	1.74353	20.00000	Averaged	
	25 2-Chloro-1,3-butadiene	0.40705	0.40501	0.40501	0.000	0.50023	20.00000	Averaged	
	26 Vinyl acetate	0.12793	0.16327	0.16327	0.000	-27.62756	20.00000	Averaged	<-
	27 cis-1,2-Dichloroethene	0.24685	0.24735	0.24735	0.000	-0.20021	20.00000	Averaged	
	28 2,2-Dichloropropane	0.42142	0.39877	0.39877	0.000	5.37483	20.00000	Averaged	
	29 Bromochloromethane	0.05730	0.06064	0.06064	0.000	-5.83023	20.00000	Averaged	
	30 Cyclohexane	0.44342	0.45025	0.45025	0.000	-1.54004	20.00000	Averaged	
	31 Chloroform	0.41391	0.40592	0.40592	0.000	1.93248	20.00000	Averaged	
	32 Ethyl acetate	20.00000	56.28637	0.03383	0.000	-181	20.00000	Linear	<-
	33 Carbon Tetrachloride	0.33824	0.35065	0.35065	0.000	-3.66868	20.00000	Averaged	
	34 Isobutanol	0.00385	0.00391	0.00391	0.000	-1.32873	20.00000	Averaged	
	35 Tetrahydrofuran	0.00575	0.00692	0.00692	0.000	-20.21281	20.00000	Averaged	<-
$	36 Dibromofluoromethane	0.14825	0.16009	0.16009	0.000	-7.98660	20.00000	Averaged	
	37 1,1,1-Trichloroethane	0.40692	0.39479	0.39479	0.000	2.98003	20.00000	Averaged	
	38 2-Butanone	10.00000	9.73614	0.01948	0.000	2.63861	20.00000	Linear	
	39 1,1-Dichloropropene	0.39441	0.38426	0.38426	0.000	2.57373	20.00000	Averaged	
	40 Benzene	1.15695	1.13802	1.13802	0.000	1.63602	20.00000	Averaged	
	41 Propionitrile	0.00705	0.00780	0.00780	0.000	-10.76158	20.00000	Averaged	
	42 Methacrylonitrile	0.03220	0.03864	0.03864	0.000	-20.02306	20.00000	Averaged	<-

12/24/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:49

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LICV7454.D
Analysis Type: WATER
Lab Sample ID: ICV
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 12:08
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$	43 1,2-Dichloroethane-d4	0.11659	0.12281	0.12281	0.000	-5.33544	20.00000	Averaged	
	44 1,2-Dichloroethane	0.15535	0.16229	0.16229	0.000	-4.46962	20.00000	Averaged	
	46 n-Butanol	0.00081	0.00116	0.00116	0.000	-43.32662	20.00000	Averaged	<-
	47 Methylcyclohexane	0.41985	0.40892	0.40892	0.000	2.60160	20.00000	Averaged	
	48 Trichloroethene	0.28021	0.28595	0.28595	0.000	-2.04629	20.00000	Averaged	
	49 Dibromomethane	0.05005	0.04992	0.04992	0.000	0.26223	20.00000	Averaged	
	50 1,2-Dichloropropane	0.21925	0.22305	0.22305	0.000	-1.73170	20.00000	Averaged	
	51 Bromodichloromethane	0.21040	0.23234	0.23234	0.000	-10.42901	20.00000	Averaged	
M	52 Xylenes (total)	0.88254	0.85150	0.85150	0.000	3.51647	20.00000	Averaged	
	53 Methyl methacrylate	0.04122	0.04832	0.04832	0.000	-17.22266	20.00000	Averaged	
	54 1,4-Dioxane	200	159	0.00087	0.000	20.47994	20.00000	Linear	<-
	55 2-chloroethyl vinyl ether	0.02712	0.02448	0.02448	0.000	9.73462	20.00000	Averaged	
	56 cis-1,3-Dichloropropene	0.21726	0.24441	0.24441	0.000	-12.49426	20.00000	Averaged	
$	57 Toluene-d8	1.49517	1.50459	1.50459	0.000	-0.63007	20.00000	Averaged	
	58 Toluene	2.09585	2.00123	2.00123	0.000	4.51475	20.00000	Averaged	
	59 2-Nitro-Propane	10.00000	10.40901	0.05880	0.000	-4.09015	20.00000	Linear	
	60 4-Methyl-2-pentanone	0.08894	0.11234	0.11234	0.000	-26.30660	20.00000	Averaged	<-
	61 trans-1,3-Dichloropropene	0.24950	0.27487	0.27487	0.000	-10.16626	20.00000	Averaged	
	62 Tetrachloroethene	10.00000	9.73081	0.33971	0.000	2.69188	20.00000	Linear	
	63 Ethyl methacrylate	10.00000	9.58016	0.16930	0.000	4.19845	20.00000	Linear	
	64 1,1,2-Trichloroethane	0.15473	0.15998	0.15998	0.000	-3.39437	20.00000	Averaged	
	65 Chlorodibromomethane	0.14873	0.16977	0.16977	0.000	-14.14663	20.00000	Averaged	
	66 1,3-Dichloropropane	0.28493	0.30281	0.30281	0.000	-6.27691	20.00000	Averaged	
	67 1,2-Dibromoethane	0.11001	0.11219	0.11219	0.000	-1.97998	20.00000	Averaged	
	68 2-Hexanone	10.00000	10.57983	0.05562	0.000	-5.79833	20.00000	Linear	
	69 Ethylbenzene	0.75255	0.70580	0.70580	0.000	6.21222	20.00000	Averaged	
	71 Chlorobenzene	1.07252	1.06996	1.06996	0.300	0.23870	20.00000	Averaged	
	72 1,1,1,2-Tetrachloroethane	0.28721	0.29317	0.29317	0.000	-2.07584	20.00000	Averaged	
	73 m,p-Xylenes	0.94981	0.89663	0.89663	0.000	5.59970	20.00000	Averaged	
	74 o-Xylene	0.74799	0.76126	0.76126	0.000	-1.77423	20.00000	Averaged	
	75 Styrene	10.00000	9.41948	1.02936	0.000	5.80521	20.00000	Linear	
	76 Bromoform	0.16086	0.18413	0.18413	0.100	-14.46740	20.00000	Averaged	
	77 Isopropylbenzene	5.64746	4.79455	4.79455	0.000	15.10260	20.00000	Averaged	
$	78 4-Bromofluorobenzene	0.98266	0.91013	0.91013	0.000	7.38055	20.00000	Averaged	
	79 n-Propylbenzene	7.86499	6.76712	6.76712	0.000	13.95888	20.00000	Averaged	
	80 Bromobenzene	0.79957	0.76710	0.76710	0.000	4.06041	20.00000	Averaged	
	81 1,1,2,2-Tetrachloroethane	0.40608	0.40617	0.40617	0.300	-0.02248	20.00000	Averaged	
	82 1,3,5-Trimethylbenzene	4.78326	4.28187	4.28187	0.000	10.48226	20.00000	Averaged	
	83 2-Chlorotoluene	3.75369	3.35110	3.35110	0.000	10.72503	20.00000	Averaged	
	84 1,2,3-Trichloropropane	0.10496	0.10277	0.10277	0.000	2.08553	20.00000	Averaged	
	85 trans-1,4-dichloro-2-butene	10.00000	10.52021	0.10066	0.000	-5.20206	20.00000	Linear	
	86 4-Chlorotoluene	3.50668	3.17989	3.17989	0.000	9.31911	20.00000	Averaged	

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:49

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LICV7454.D
Analysis Type: WATER
Lab Sample ID: ICV
Method: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m

Injection Date: 24-DEC-2007 12:08
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
87	Cyclohexanone	100	66.75647	0.00799	0.000	33.24353	20.00000	Quadratic	<-
88	t-Butylbenzene	4.27455	3.73127	3.73127	0.000	12.70972	20.00000	Averaged	
89	Pentachloroethane	10.00000	11.10672	0.43931	0.000	-11.06723	20.00000	Linear	
90	1,2,4-Trimethylbenzene	4.63758	4.22064	4.22064	0.000	8.99055	20.00000	Averaged	
91	sec-Butylbenzene	7.01564	6.09705	6.09705	0.000	13.09341	20.00000	Averaged	
92	4-Isopropyltoluene	5.32575	4.73167	4.73167	0.000	11.15497	20.00000	Averaged	
93	1,3-Dichlorobenzene	1.84136	1.73877	1.73877	0.000	5.57137	20.00000	Averaged	
95	1,4-Dichlorobenzene	1.81580	1.68305	1.68305	0.000	7.31103	20.00000	Averaged	
96	n-Butylbenzene	5.67056	4.98925	4.98925	0.000	12.01492	20.00000	Averaged	
98	1,2-Dichlorobenzene	1.36228	1.29717	1.29717	0.000	4.77956	20.00000	Averaged	
99	1,2-Dibromo-3-chloropropane	0.04332	0.04155	0.04155	0.000	4.07730	20.00000	Averaged	
100	Hexachlorobutadiene	0.53565	0.48865	0.48865	0.000	8.77574	20.00000	Averaged	
101	1,2,4-Trichlorobenzene	0.61457	0.72210	0.72210	0.000	-17.49727	20.00000	Averaged	
102	Naphthalene	0.70926	0.85573	0.85573	0.000	-20.65177	20.00000	Averaged	<-
103	1,2,3-Trichlorobenzene	0.34401	0.46223	0.46223	0.000	-34.36669	20.00000	Averaged	<-
143	Nonanal	10.00000	7.56918	0.05808	0.000	24.30820	20.00000	Linear	<-

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:50

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Lab Smp Id: ICV Client Smp ID: ICV
Inj Date : 24-DEC-2007 12:08
Operator : XIA Inst ID: MSL.i
Smp Info : ICV
Misc Info : VBLKL358A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:49 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.460	3.460	(0.358)	368152	10.0000	8.674
	2 Freon-114	135	3.749	3.749	(0.388)	139210	10.0000	13.94
	3 Chloromethane	50	3.902	3.902	(0.404)	614683	10.0000	7.966
	4 Vinyl Chloride	62	4.100	4.100	(0.424)	568016	10.0000	8.695
	5 Bromomethane	94	4.800	4.800	(0.496)	461384	10.0000	11.23
	6 Chloroethane	64	5.032	5.032	(0.520)	320525	10.0000	8.120
	7 Trichlorofluoromethane	101	5.283	5.283	(0.546)	485804	10.0000	8.418
	8 Diethyl ether	59	5.788	5.788	(0.599)	259355	20.0000	23.24
	9 1,1-Dichloroethene	96	6.147	6.147	(0.636)	304234	10.0000	9.619
	10 1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	325537	10.0000	10.18
	11 Carbon Disulfide	76	6.305	6.305	(0.652)	1058284	10.0000	10.18
	12 Iodomethane	142	6.432	6.432	(0.665)	92877	10.0000	8.410
	13 Acrolein	56	6.615	6.615	(0.684)	30686	50.0000	54.99(M)
	14 Allyl chloride	39	6.810	6.810	(0.704)	348446	10.0000	9.748
	15 Methylene Chloride	84	6.963	6.963	(0.720)	308068	10.0000	10.44
	16 Acetone	43	6.978	6.978	(0.722)	26166	10.0000	9.457(M)
	17 trans-1,2-Dichloroethene	96	7.176	7.176	(0.742)	371299	10.0000	9.763
	18 n-Hexane	57	7.176	7.176	(0.742)	665485	10.0000	9.912
	19 Methyl Acetate	74	7.132	7.132	(0.738)	24069	10.0000	8.492(M)
	20 MTBE	73	7.214	7.214	(0.746)	407124	10.0000	11.84
M	21 1,2-Dichloroethene (total)	96				699186	20.0000	19.78
	22 Acetonitrile	41	7.566	7.566	(0.782)	42662	50.0000	52.84

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Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	23 Acrylonitrile	53	7.914	7.914	(0.818)	173142	50.0000	59.20
	24 1,1-Dichloroethane	63	7.873	7.873	(0.814)	658326	10.0000	9.826
	25 2-Chloro-1,3-butadiene	53	7.839	7.839	(0.811)	536891	10.0000	9.950
	26 Vinyl acetate	43	8.082	8.082	(0.836)	216439	10.0000	12.76
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	327887	10.0000	10.02
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	528612	10.0000	9.462
	29 Bromochloromethane	128	8.700	8.700	(0.900)	80385	10.0000	10.58
	30 Cyclohexane	84	8.666	8.666	(0.896)	596859	10.0000	10.15
	31 Chloroform	83	8.707	8.707	(0.901)	538091	10.0000	9.807
	32 Ethyl acetate	43	8.744	8.744	(0.904)	89681	20.0000	56.29
	33 Carbon Tetrachloride	117	8.898	8.898	(0.920)	464823	10.0000	10.37
	34 Isobutanol	42	8.894	8.894	(0.920)	103536	200.000	202.6
	35 Tetrahydrofuran	71	8.902	8.902	(0.921)	45846	50.0000	60.11
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	212225	10.0000	10.80
	37 1,1,1-Trichloroethane	97	8.932	8.932	(0.924)	523344	10.0000	9.702
	38 2-Butanone	43	8.965	8.965	(0.927)	25828	10.0000	9.736
	39 1,1-Dichloropropene	75	9.048	9.048	(0.936)	509383	10.0000	9.743
	40 Benzene	78	9.313	9.313	(0.963)	1508581	10.0000	9.836
	41 Propionitrile	54	9.268	9.268	(0.959)	51728	50.0000	55.38
	42 Methacrylonitrile	41	9.287	9.287	(0.961)	256139	50.0000	60.01
$	43 1,2-Dichloroethane-d4	65	9.437	9.437	(0.976)	162795	10.0000	10.53
	44 1,2-Dichloroethane	62	9.512	9.512	(0.984)	215133	10.0000	10.45
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	1325622	10.0000	
	46 n-Butanol	56	10.039	10.039	(1.038)	15423	100.000	143.3(M)
	47 Methylcyclohexane	55	9.811	9.811	(1.015)	542078	10.0000	9.740
	48 Trichloroethene	130	9.852	9.852	(1.019)	379058	10.0000	10.20
	49 Dibromomethane	93	10.316	10.316	(1.067)	66173	10.0000	9.974
	50 1,2-Dichloropropane	63	10.324	10.324	(1.068)	295681	10.0000	10.17
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	308000	10.0000	11.04
M	52 Xylenes (total)	106				2040987	30.0000	29.06
	53 Methyl methacrylate	69	10.402	10.402	(1.076)	64049	10.0000	11.72
	54 1,4-Dioxane	88	10.548	10.548	(1.091)	23121	200.000	159.0(M)
	55 2-chloroethyl vinyl ether	63	10.806	10.806	(1.118)	32451	10.0000	9.026(M)
	56 cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	323989	10.0000	11.25
$	57 Toluene-d8	98	11.083	11.083	(0.885)	1202126	10.0000	10.06
	58 Toluene	91	11.136	11.136	(0.889)	1598926	10.0000	9.548
	59 2-Nitro-Propane	43	11.300	11.300	(0.902)	46976	10.0000	10.41
	60 4-Methyl-2-pentanone	43	11.360	11.360	(0.907)	89757	10.0000	12.63
	61 trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	219611	10.0000	11.02
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	271418	10.0000	9.731
	63 Ethyl methacrylate	69	11.503	11.503	(0.918)	135265	10.0000	9.580
	64 1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	127822	10.0000	10.34
	65 Chlorodibromomethane	129	11.888	11.888	(0.949)	135644	10.0000	11.41
	66 1,3-Dichloropropane	76	11.910	11.910	(0.951)	241937	10.0000	10.63
	67 1,2-Dibromoethane	107	12.146	12.146	(0.970)	89633	10.0000	10.20
	68 2-Hexanone	43	12.113	12.113	(0.967)	44441	10.0000	10.58
	69 Ethylbenzene	106	12.498	12.498	(0.998)	563914	10.0000	9.379
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	798973	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	854867	10.0000	9.976
	72 1,1,1,2-Tetrachloroethane	131	12.584	12.584	(1.004)	234233	10.0000	10.21
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1432763	20.0000	18.88
	74 o-Xylene	106	13.033	13.033	(1.040)	608224	10.0000	10.18
	75 Styrene	104	13.089	13.089	(1.045)	822433	10.0000	9.419
	76 Bromoform	173	13.254	13.254	(0.900)	58777	10.0000	11.45

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1530477	10.0000	8.490
$ 78	4-Bromofluorobenzene	95	13.643	13.643	(0.927)	290526	10.0000	9.262
79	n-Propylbenzene	91	13.681	13.681	(0.929)	2160147	10.0000	8.604
80	Bromobenzene	156	13.789	13.789	(0.937)	244868	10.0000	9.594
81	1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	129655	10.0000	10.00
82	1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1366824	10.0000	8.952
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	1069712	10.0000	8.927
84	1,2,3-Trichloropropane	110	13.935	13.935	(0.947)	32806	10.0000	9.791
85	trans-1,4-dichloro-2-butene	53	13.931	13.931	(0.946)	32132	10.0000	10.52
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	1015060	10.0000	9.068
87	Cyclohexanone	55	14.002	14.002	(0.951)	25507	100.000	66.76
88	t-Butylbenzene	119	14.156	14.156	(0.962)	1191066	10.0000	8.729
89	Pentachloroethane	167	14.272	14.272	(0.969)	140233	10.0000	11.11
90	1,2,4-Trimethylbenzene	105	14.223	14.223	(0.966)	1347278	10.0000	9.101
91	sec-Butylbenzene	105	14.328	14.328	(0.973)	1946253	10.0000	8.691
92	4-Isopropyltoluene	119	14.436	14.436	(0.981)	1510405	10.0000	8.884
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	555036	10.0000	9.443
* 94	1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	319212	10.0000	
95	1,4-Dichlorobenzene	146	14.740	14.740	(1.001)	537249	10.0000	9.269
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1592628	10.0000	8.798
98	1,2-Dichlorobenzene	146	15.162	15.162	(1.030)	414071	10.0000	9.522
99	1,2-Dibromo-3-chloropropane	157	15.971	15.971	(1.085)	13263	10.0000	9.592
100	Hexachlorobutadiene	225	16.555	16.555	(1.125)	155982	10.0000	9.122
101	1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	230504	10.0000	11.75
102	Naphthalene	128	17.071	17.071	(1.160)	273160	10.0000	12.06
103	1,2,3-Trichlorobenzene	180	17.292	17.292	(1.175)	147550	10.0000	13.44
143	Nonanal	57	15.746	15.746	(1.629)	76995	10.0000	7.569(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Report Date: 24-Dec-2007 15:50

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

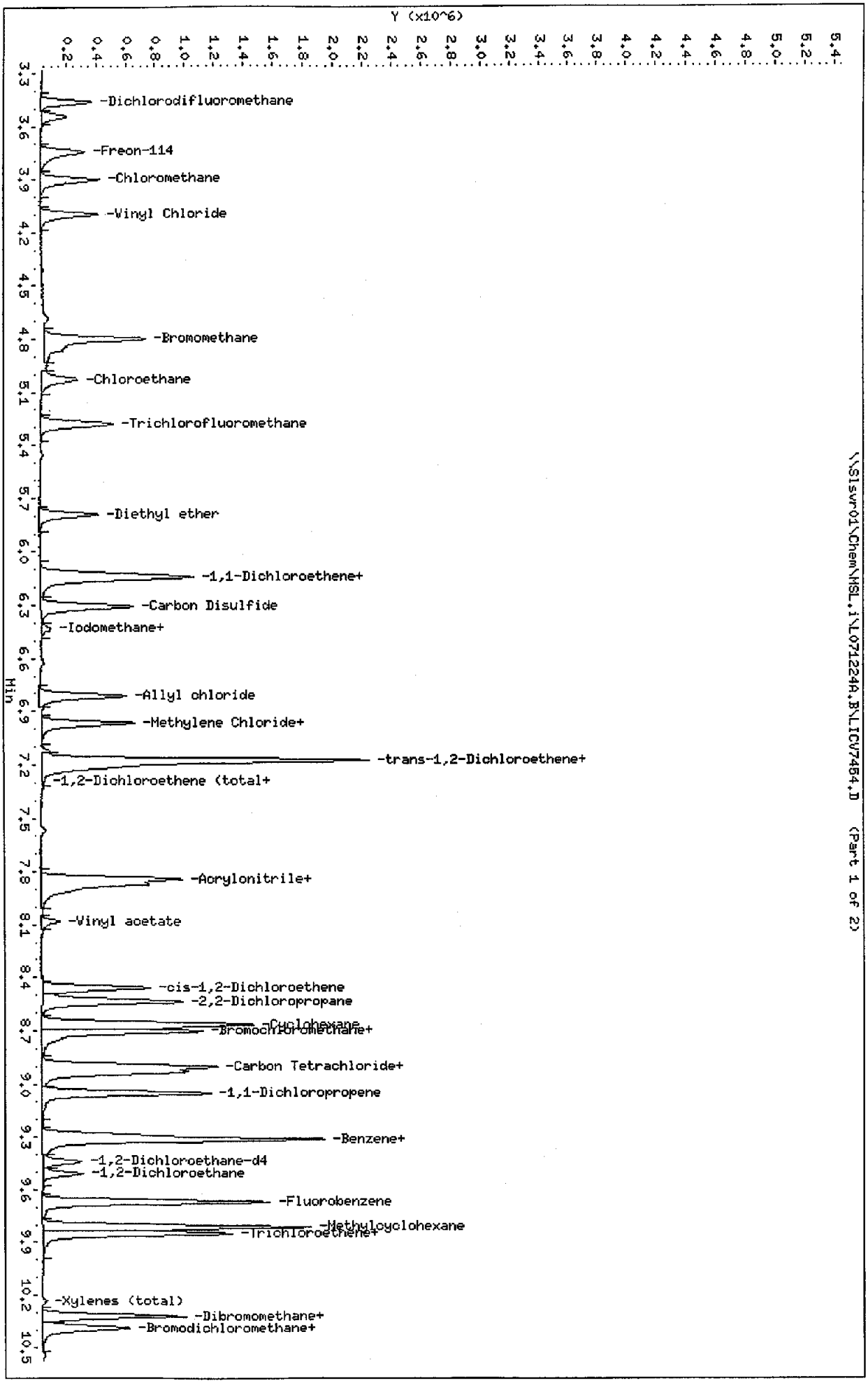
Instrument ID: MSL.i
Lab File ID: LICV7454.D
Lab Smp Id: ICV
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;

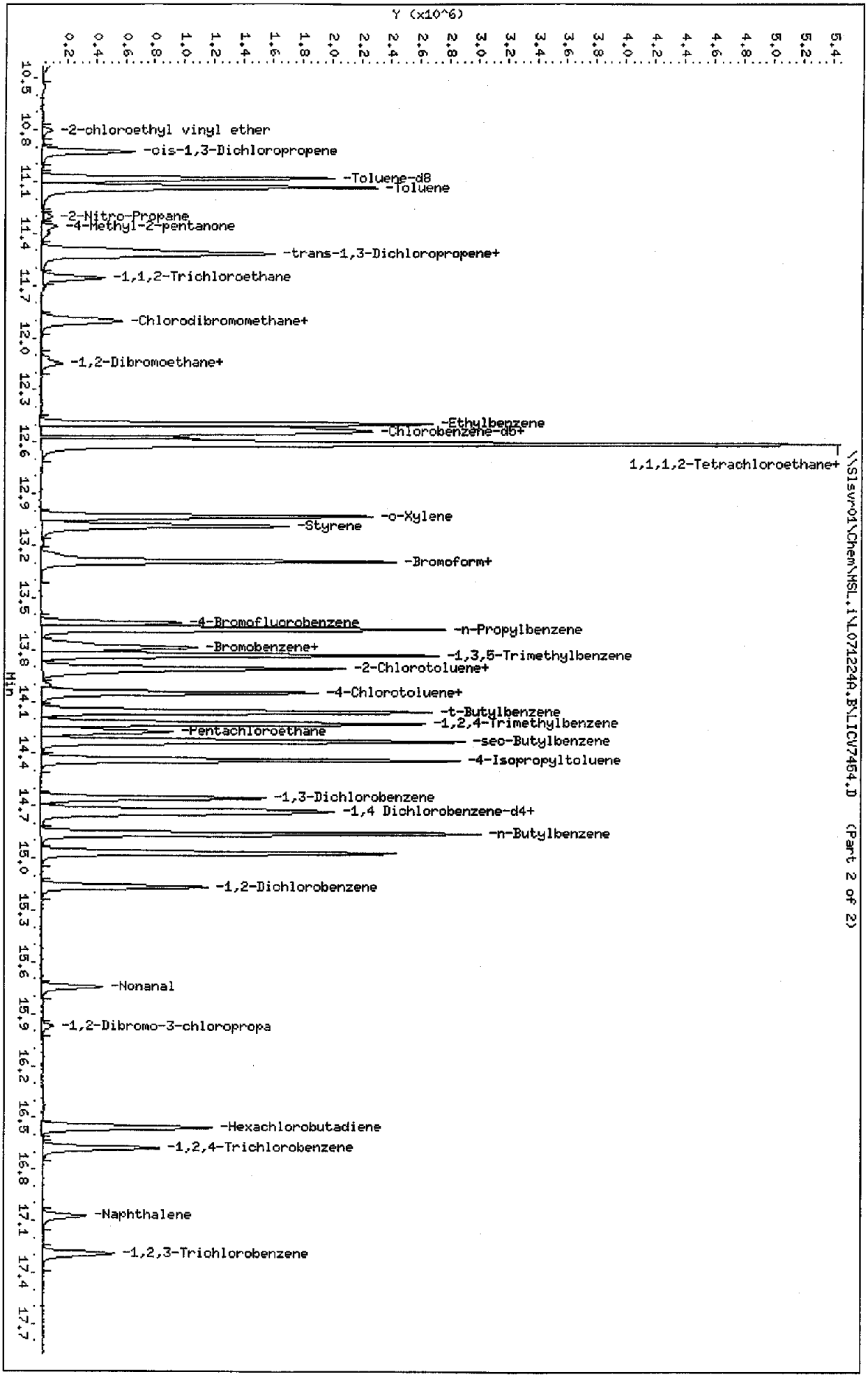
Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: ICV
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	1325622	10.18
70 Chlorobenzene-d5	752404	376202	1504808	798973	6.19
94 1,4 Dichlorobenze	317211	158606	634422	319212	0.63

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Date : 24-DEC-2007 12:08
Client ID: ICV
Sample Info: ICV
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: KIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane+
-Allyl chloride
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+

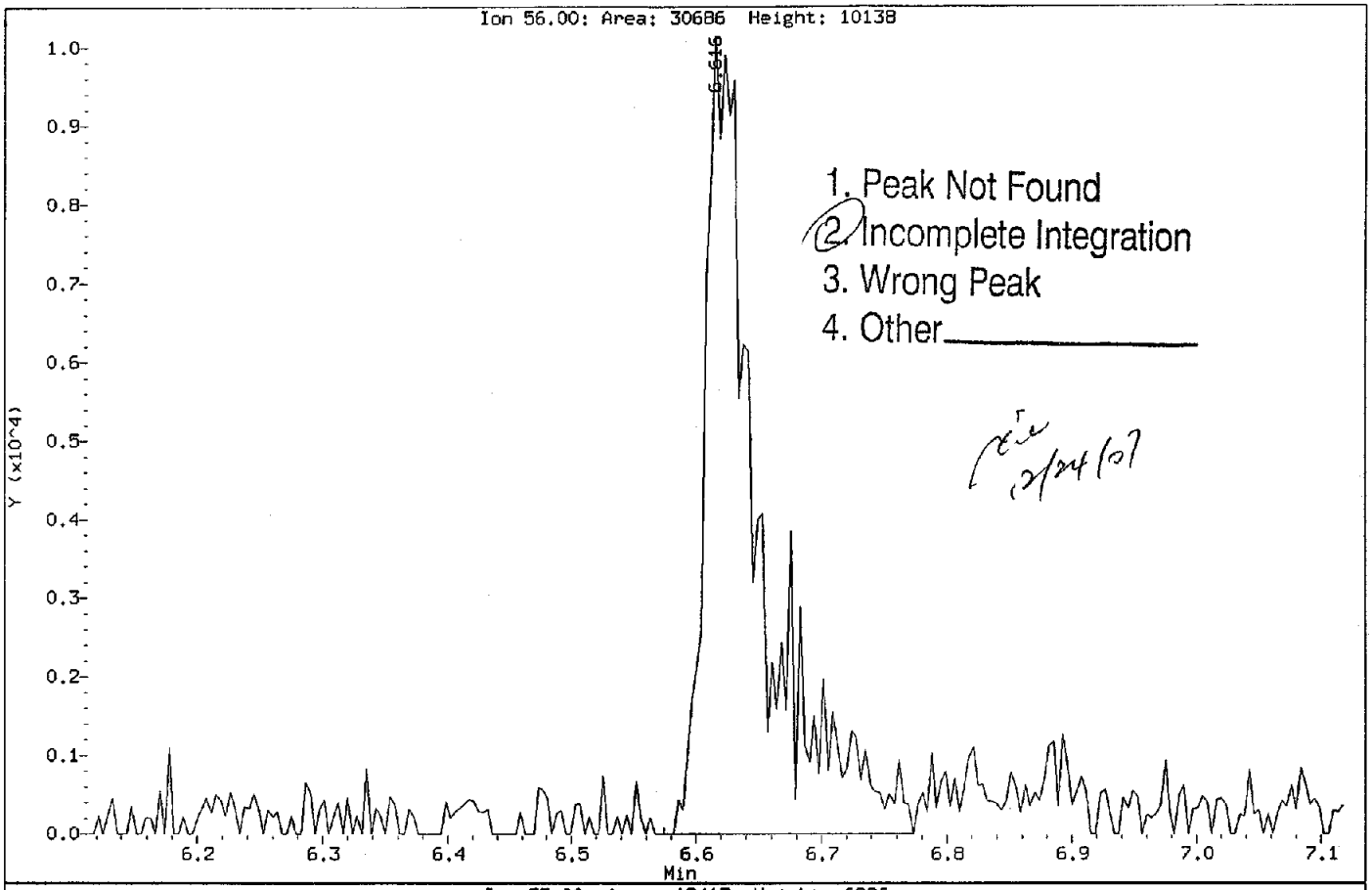


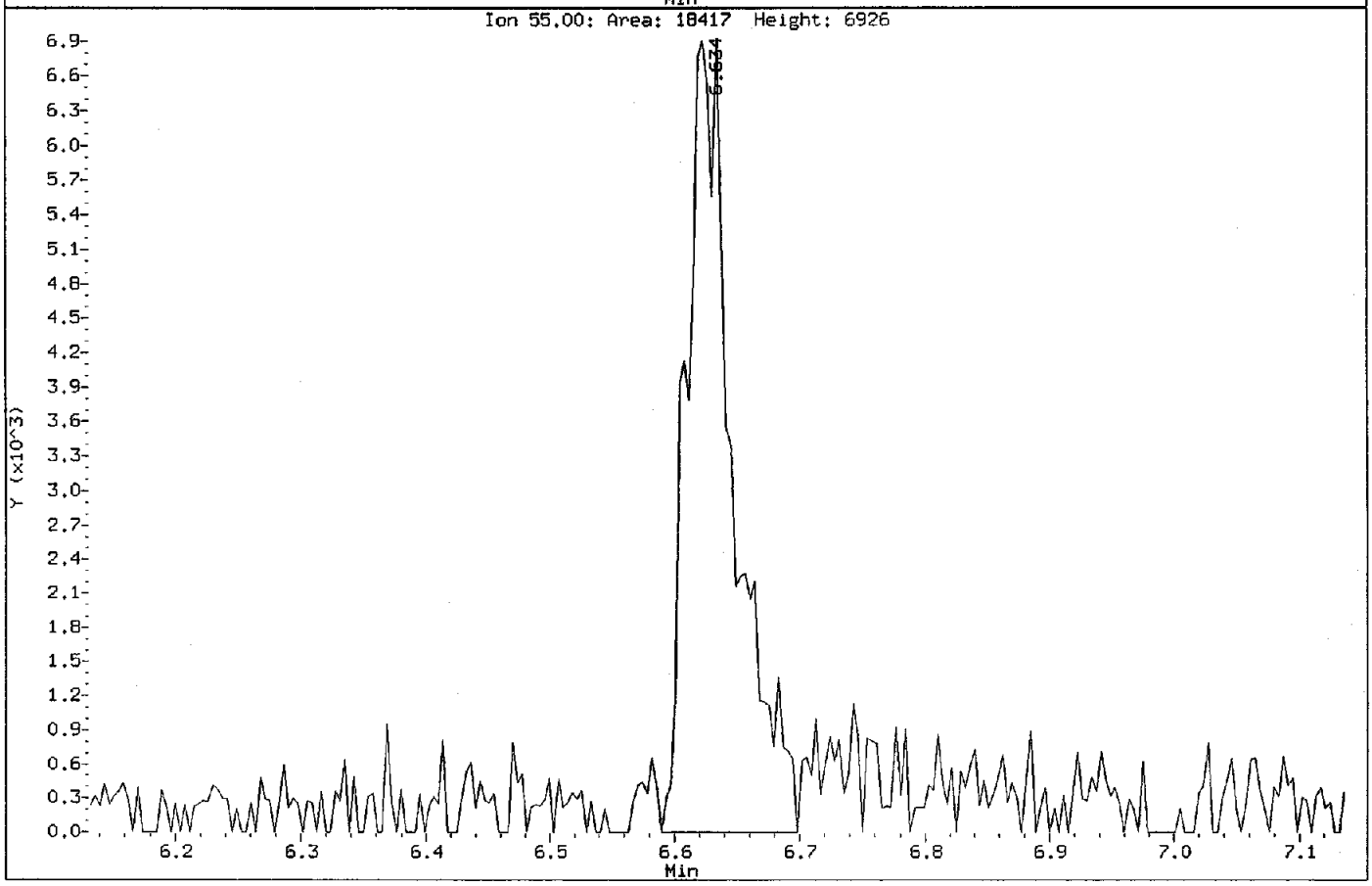
Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Date : 24-DEC-2007 12:08
Client ID: ICV
Sample Info: ICV
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: ICV

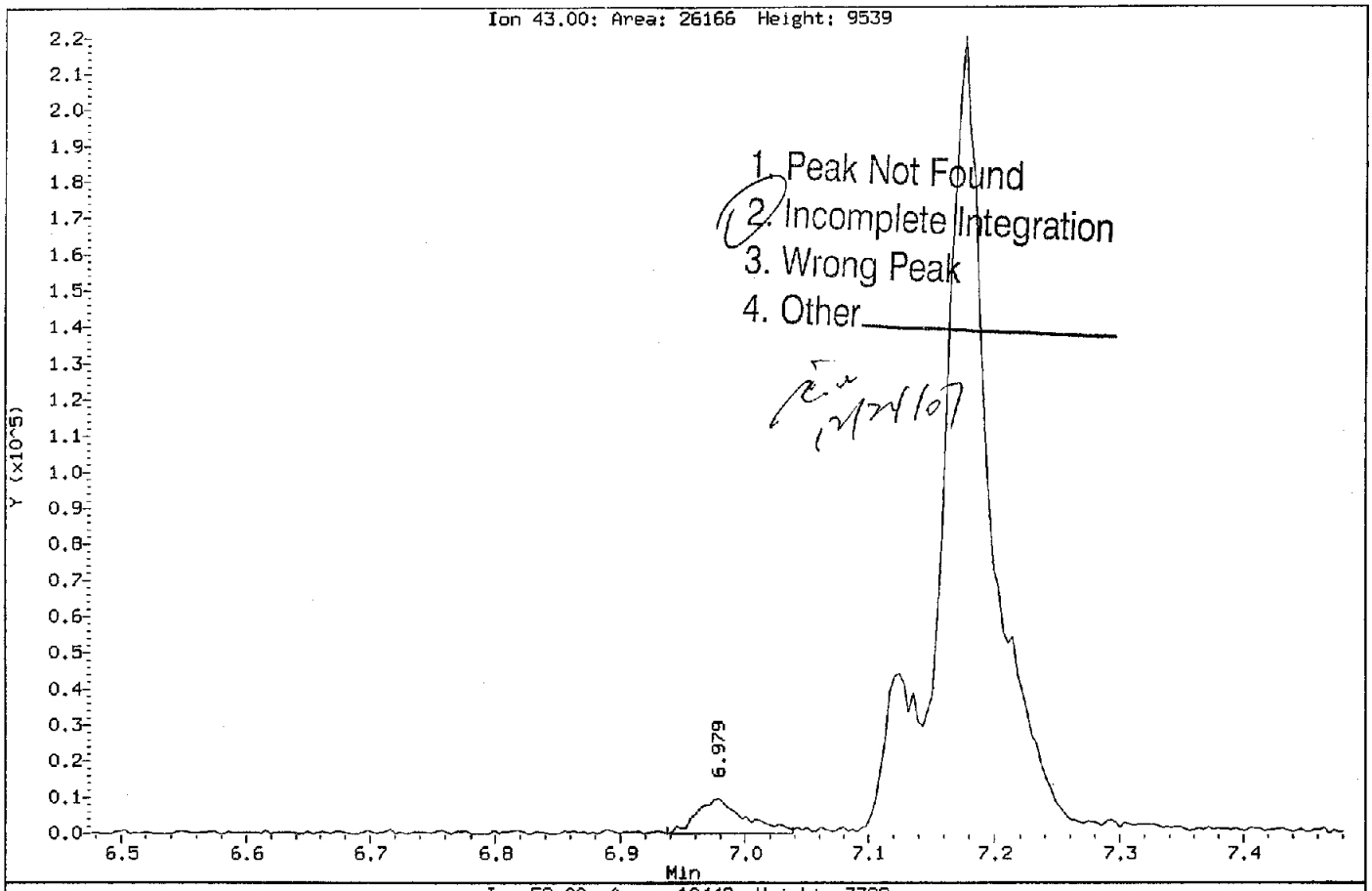
Compound: Acrolein
CAS Number: 107-02-8

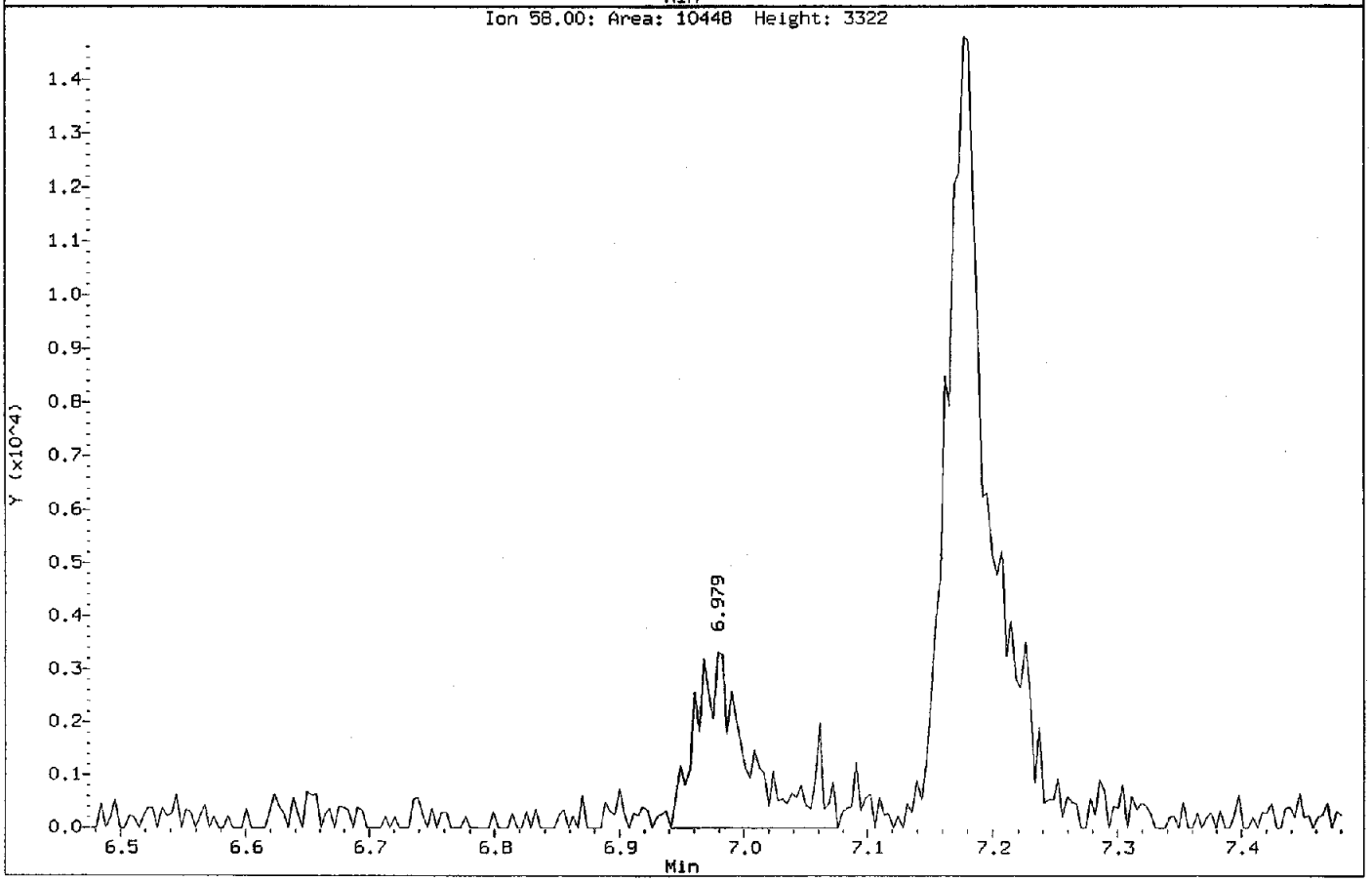




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: ICV

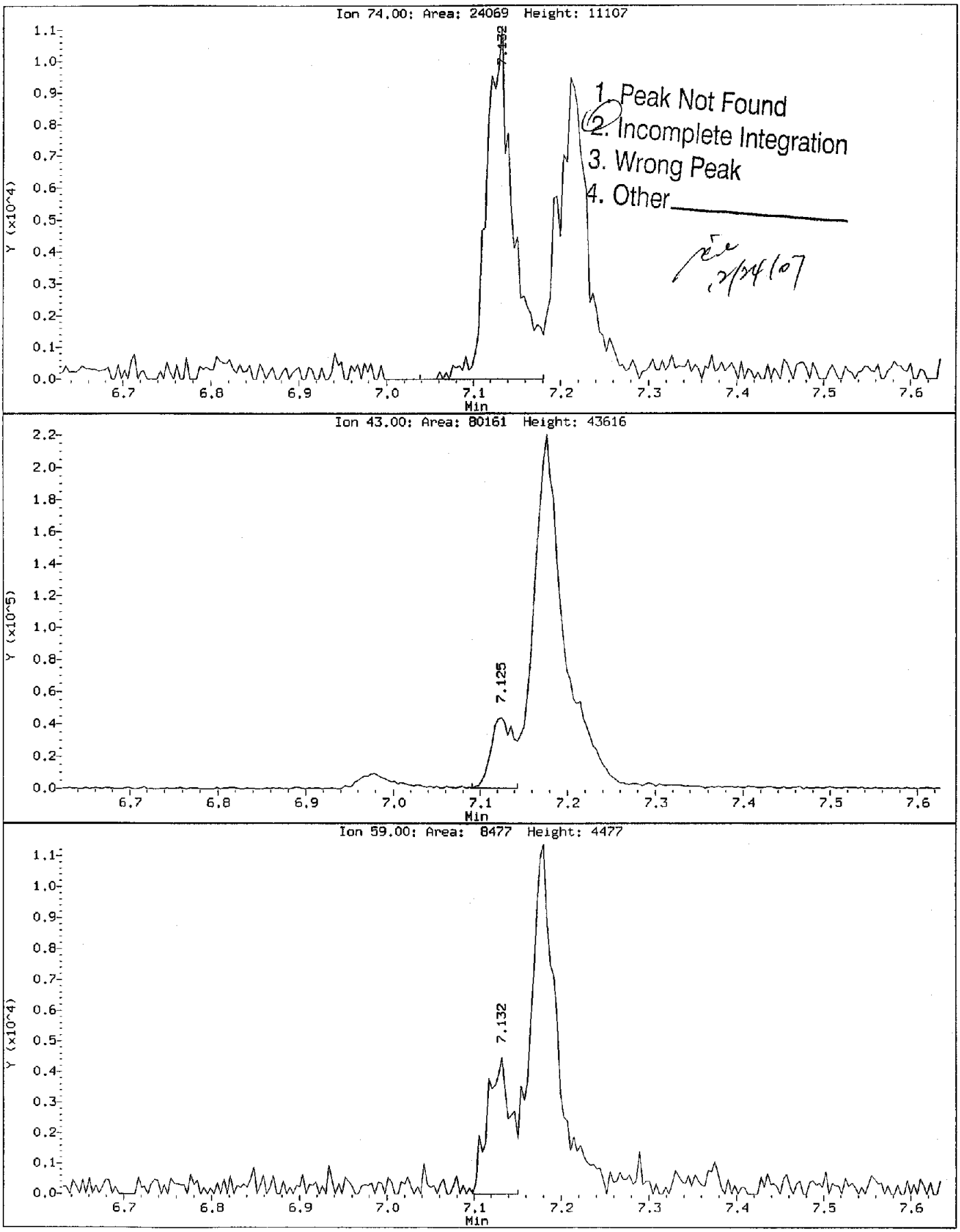
Compound: Acetone
CAS Number: 67-64-1





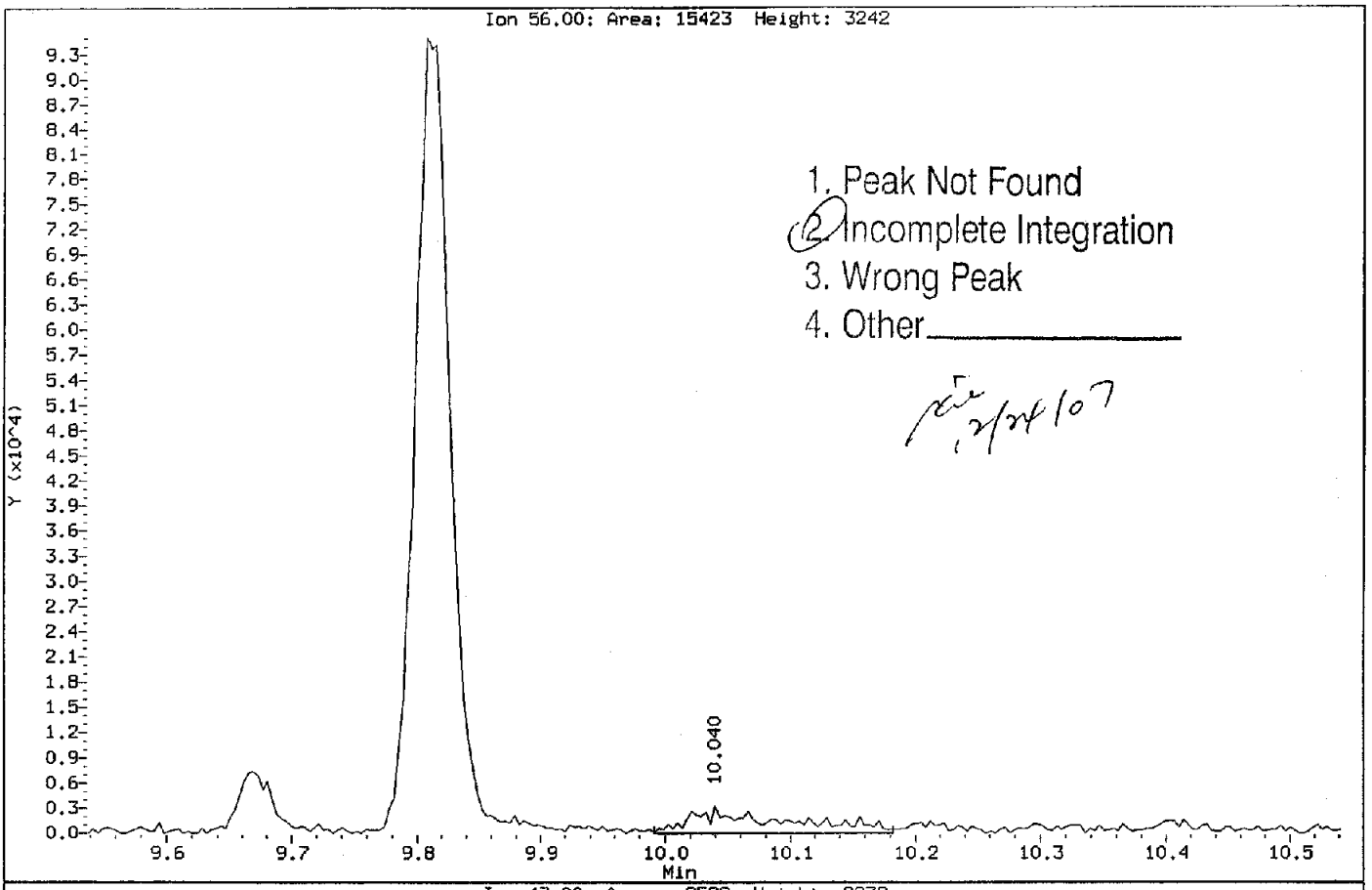
Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: ICV

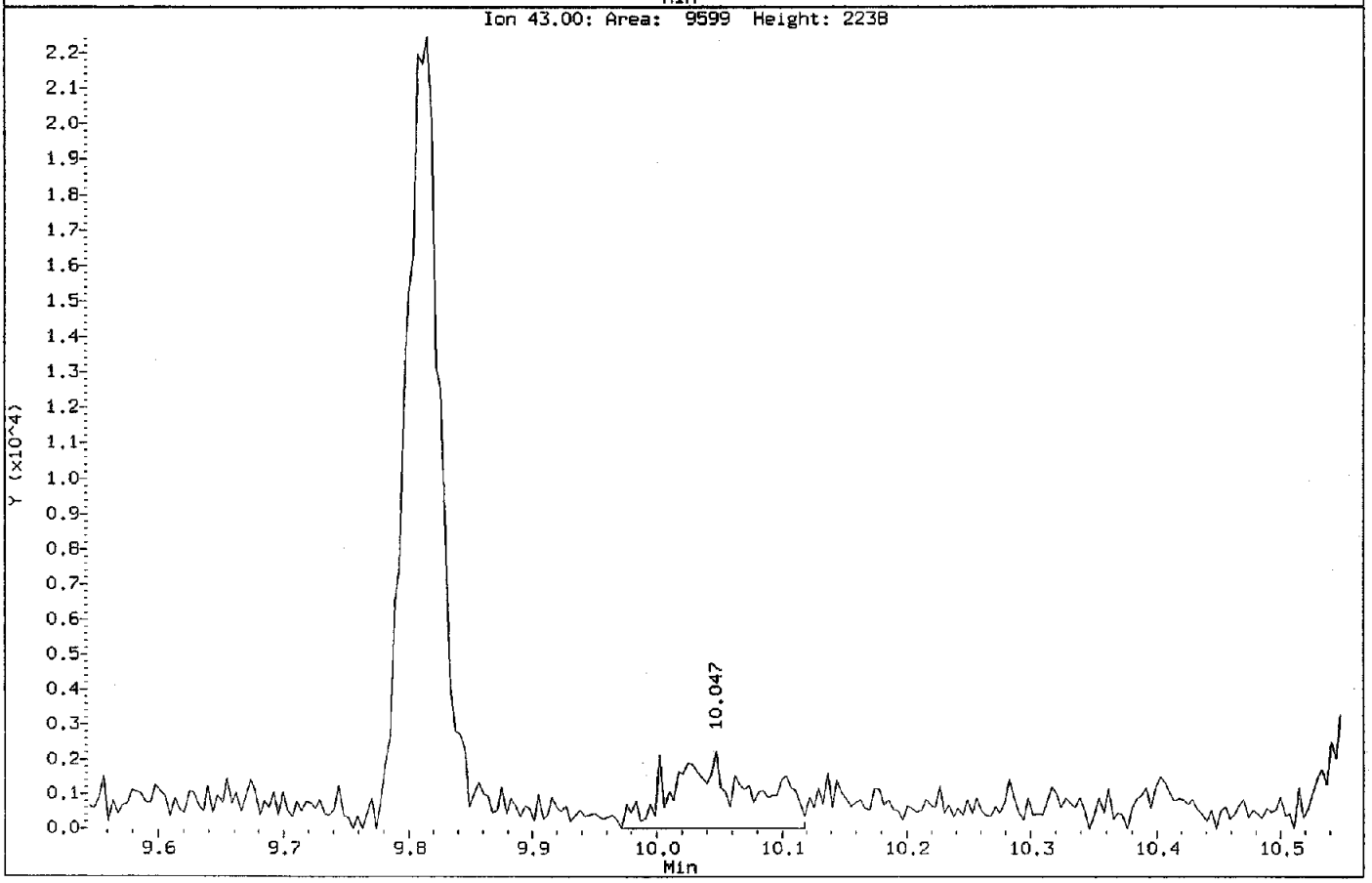
Compound: Methyl Acetate
CAS Number:



Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: ICV

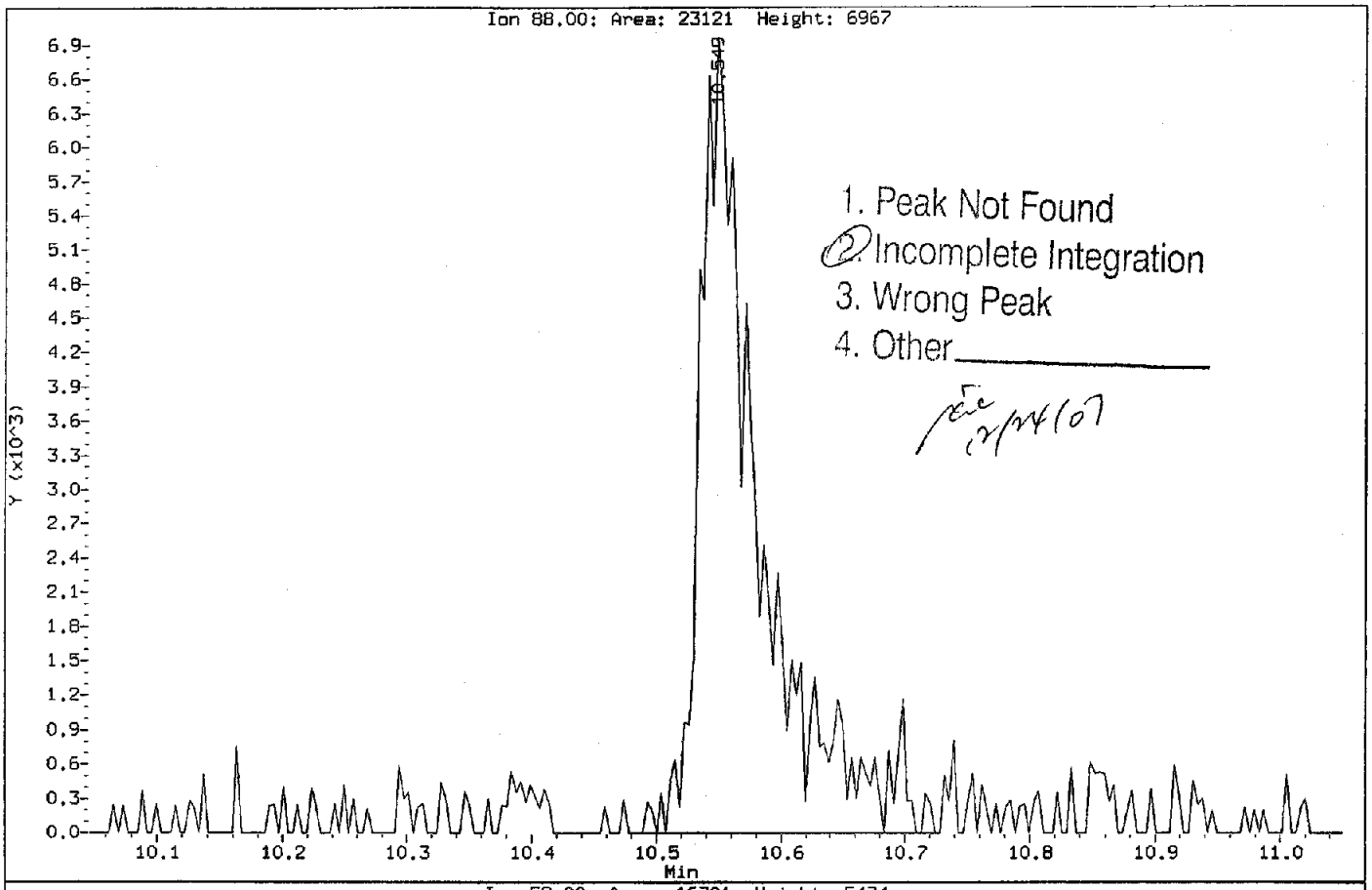
Compound: n-Butanol
CAS Number: 71-36-3

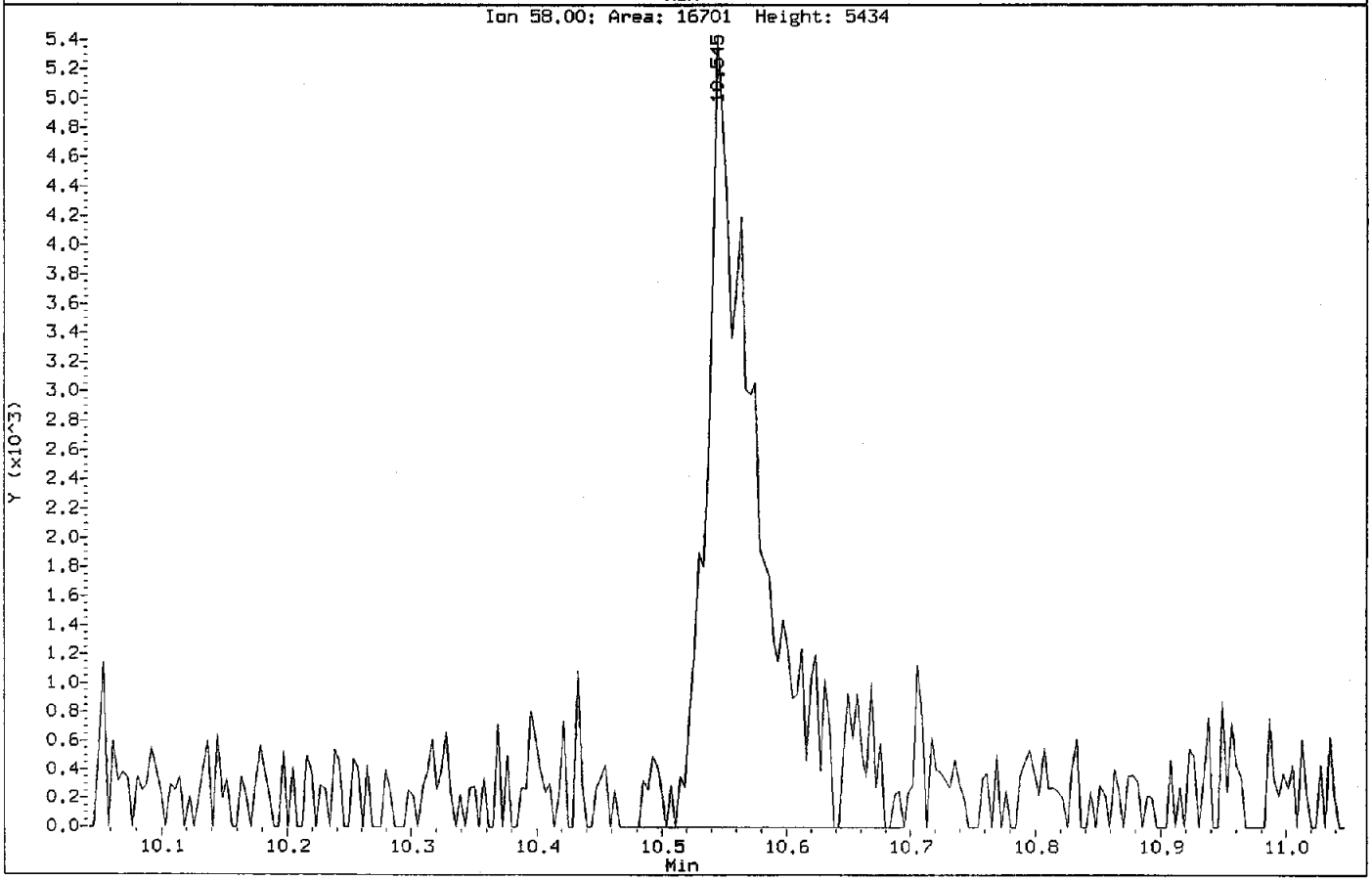




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: ICV

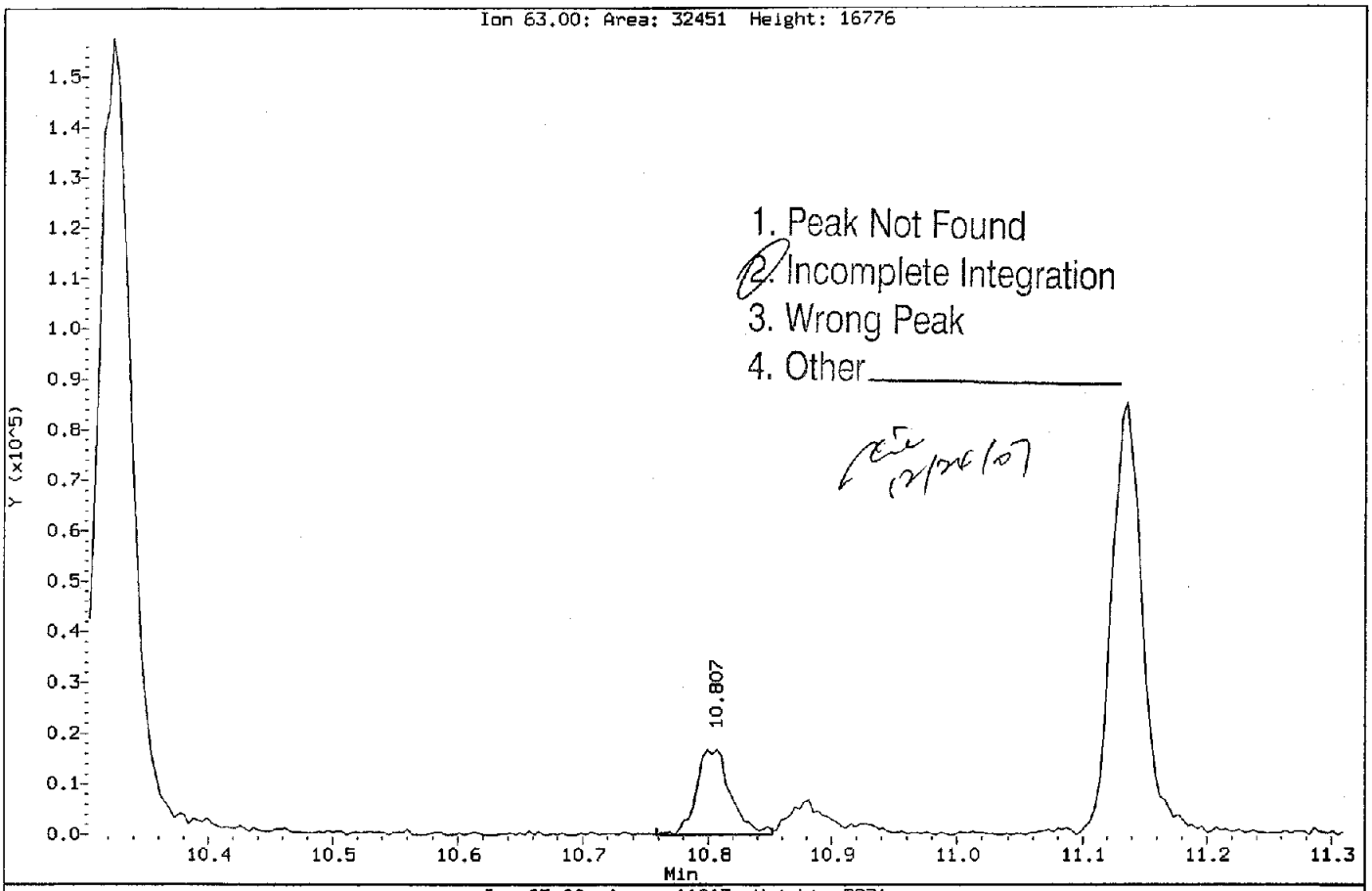
Compound: 1.4-Dioxane
CAS Number: 123-91-1

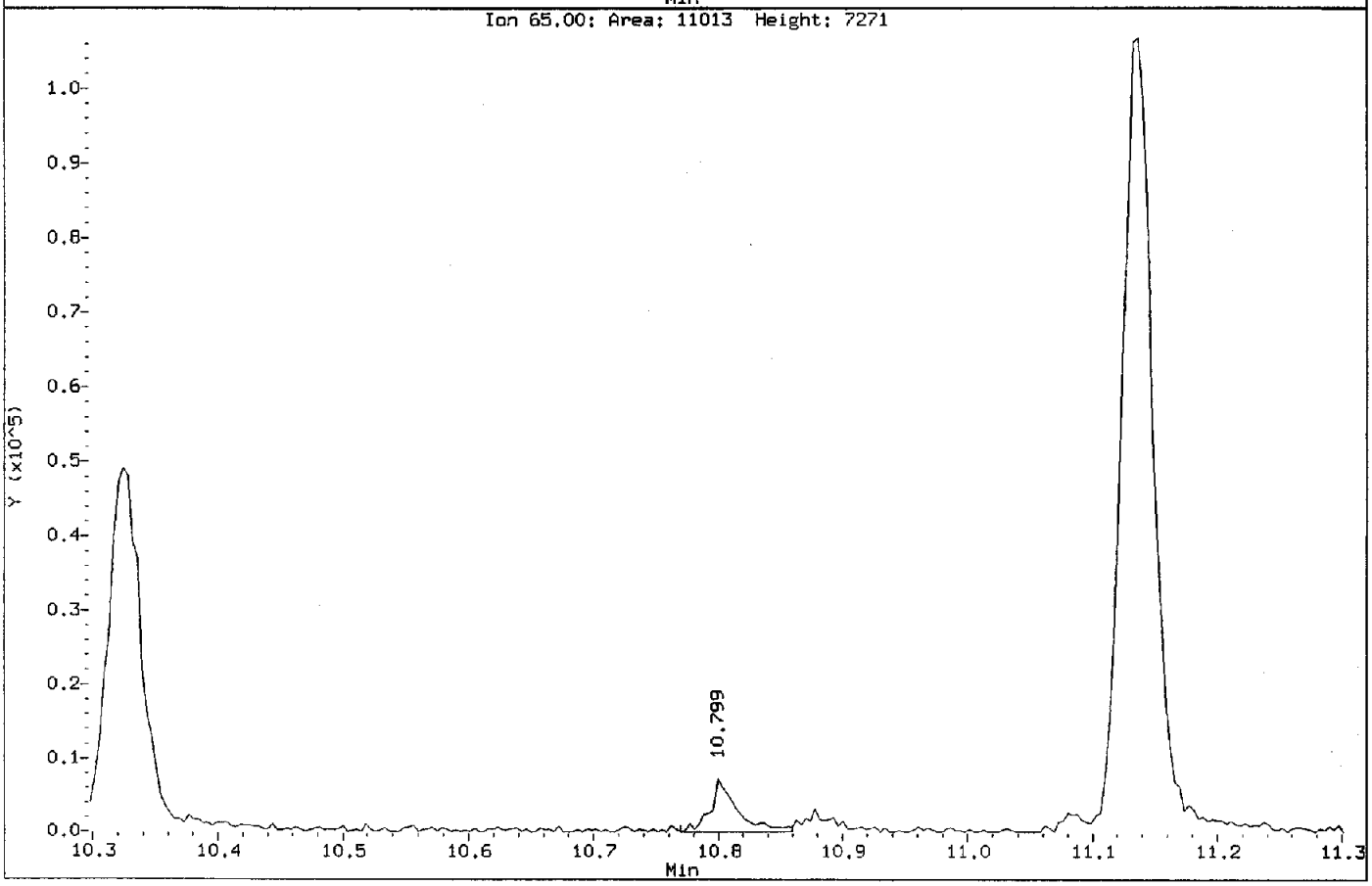




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LICV7454.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: ICV

Compound: 2-chloroethyl vinyl ether
CAS Number: 110-75-8





Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBFB7496.D

Date : 27-DEC-2007 10:39

Client ID: VBFB

Instrument: MSL.i

Sample Info: 50ng BFB;L071227A.B

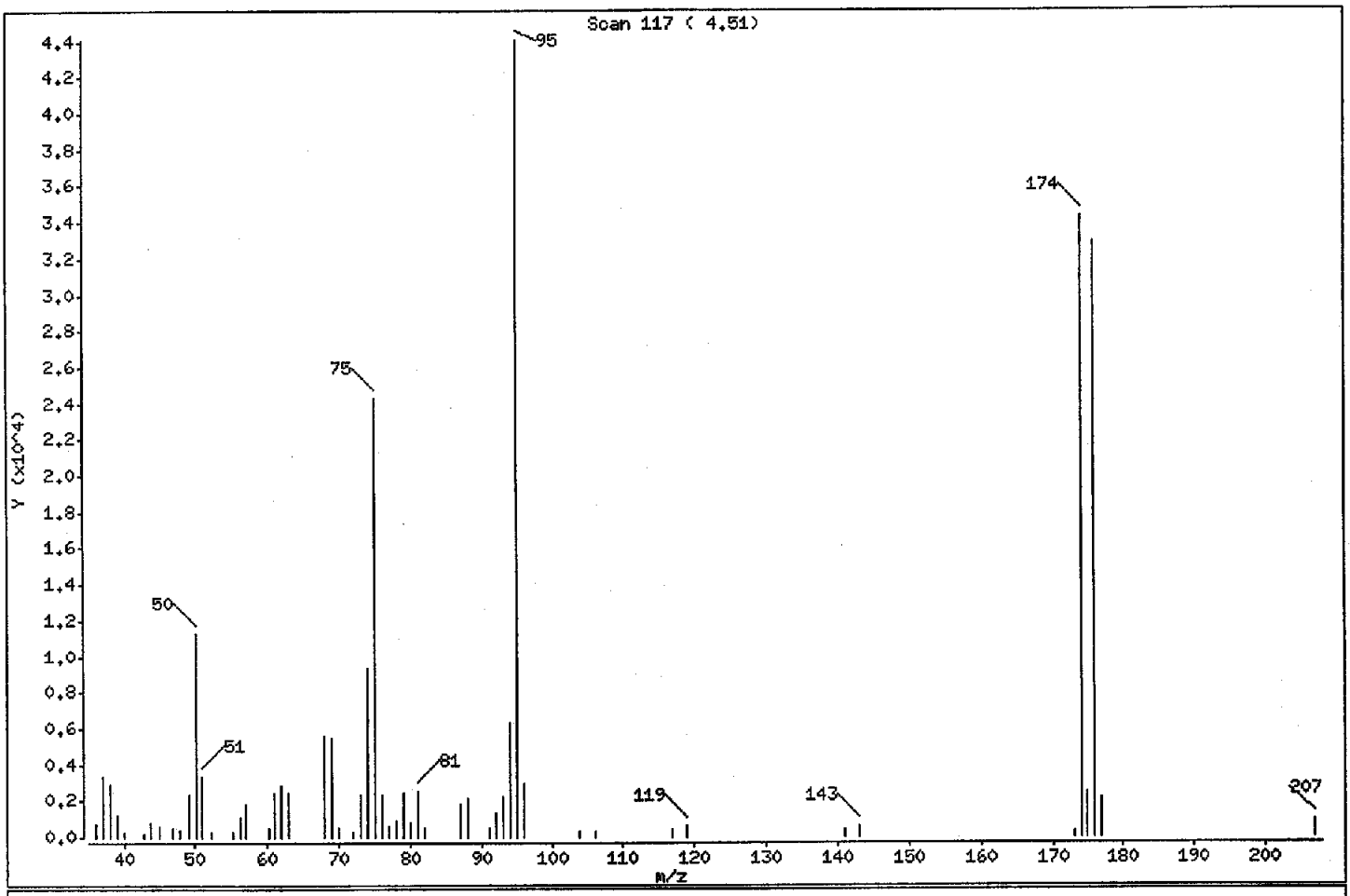
Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	25.58
75	30.00 - 60.00% of mass 95	54.98
96	5.00 - 9.00% of mass 95	6.64
173	Less than 2.00% of mass 174	0.64 (0.83)
174	Greater than 50.00% of mass 95	77.80
175	5.00 - 9.00% of mass 174	5.43 (6.98)
176	95.00 - 101.00% of mass 174	74.77 (96.10)
177	5.00 - 9.00% of mass 176	4.72 (6.32)

12/28/07

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBFB7496.D

Date : 27-DEC-2007 10:39

Client ID: VBFB

Instrument: MSL.i

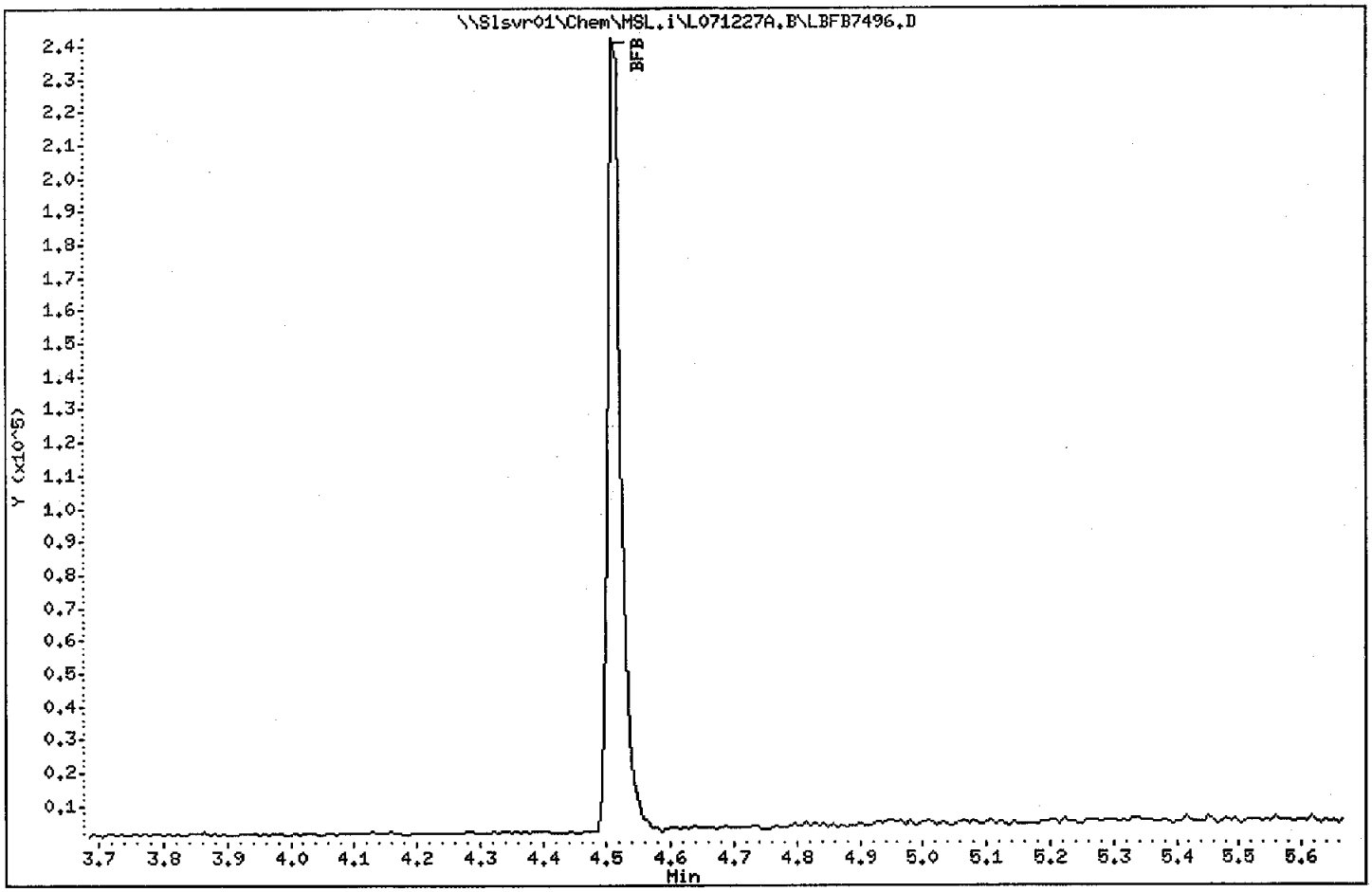
Sample Info: 50ng BFB;L071227A.B

Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53



Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBFB7496.D

Date : 27-DEC-2007 10:39

Client ID: VBFB

Instrument: MSL.i

Sample Info: 50ng BFB;L071227A.B

Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

Data File: LBFB7496.D
Spectrum: Scan 117 (4.51)
Location of Maximum: 95.10
Number of points: 55

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	739	55.10	278	76.10	2343	96.00	2927
37.10	3381	56.10	1097	77.00	626	103.90	287
38.10	2988	57.00	1853	78.00	869	106.00	334
39.10	1202	60.10	511	78.90	2391	117.00	452
40.00	295	61.00	2446	79.90	797	119.00	594
43.00	253	62.00	2881	81.00	2588	141.00	442
44.00	770	63.00	2451	82.00	529	143.00	609
45.10	652	68.00	5618	87.00	1825	173.00	283
47.00	548	69.10	5441	88.00	2097	174.00	34288
48.00	435	70.00	461	91.00	498	175.00	2393
49.10	2372	72.00	288	92.00	1363	176.00	32952
50.10	11272	73.00	2368	93.00	2277	177.00	2082
51.00	3341	74.00	9303	94.00	6316	207.00	926
52.10	295	75.00	24232	95.10	44072		

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

STL St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7498.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m

Injection Date: 27-DEC-2007 11:33
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
	1 Dichlorodifluoromethane	0.32016	0.26624	0.26624	0.000	16.84412	20.00000	Averaged	
	2 Freon-114	0.07533	0.11827	0.11827	0.000	-57.00042	20.00000	Averaged	<-
	3 Chloromethane	0.58212	0.50597	0.50597	0.100	13.08235	20.00000	Averaged	
	4 Vinyl Chloride	0.49282	0.45638	0.45638	0.000	7.39407	20.00000	Averaged	
	5 Bromomethane	0.30980	0.35072	0.35072	0.000	-13.21023	20.00000	Averaged	
	6 Chloroethane	0.29779	0.33578	0.33578	0.000	-12.75709	20.00000	Averaged	
	7 Trichlorofluoromethane	0.43532	0.38948	0.38948	0.000	10.53093	20.00000	Averaged	
	8 Diethyl ether	0.08417	0.09392	0.09392	0.000	-11.59174	20.00000	Averaged	
	9 1,1-Dichloroethene	0.23860	0.24295	0.24295	0.000	-1.82187	20.00000	Averaged	
	10 1,1,2-Trichlorofluoroethane	0.24110	0.22536	0.22536	0.000	6.52836	20.00000	Averaged	
	11 Carbon Disulfide	0.78406	0.75344	0.75344	0.000	3.90480	20.00000	Averaged	
	12 Iodomethane	0.08331	0.06845	0.06845	0.000	17.84066	20.00000	Averaged	
	13 Acrolein	0.00421	0.00556	0.00556	0.000	-32.11587	20.00000	Averaged	<-
	14 Allyl chloride	0.26964	0.22040	0.22040	0.000	18.25913	20.00000	Averaged	
	15 Methylene Chloride	0.22255	0.27568	0.27568	0.000	-23.87483	20.00000	Averaged	<-
	16 Acetone	10.00000	10.06061	0.02079	0.000	-0.60609	20.00000	Linear	
	17 trans-1,2-Dichloroethene	0.28690	0.28489	0.28489	0.000	0.70249	20.00000	Averaged	
	18 n-Hexane	0.50648	0.51703	0.51703	0.000	-2.08233	20.00000	Averaged	
	19 Methyl Acetate	0.02138	0.02284	0.02284	0.000	-6.82050	20.00000	Averaged	
	20 MTBE	0.25941	0.28880	0.28880	0.000	-11.33212	20.00000	Averaged	
M	21 1,2-Dichloroethene (total)	0.26688	0.28237	0.28237	0.000	-5.80473	20.00000	Averaged	
	22 Acetonitrile	50.00000	56.42953	0.00687	0.000	-12.85906	20.00000	Linear	
	23 Acrylonitrile	0.02206	0.03890	0.03890	0.000	-76.30820	20.00000	Averaged	<-
	24 1,1-Dichloroethane	0.50543	0.53287	0.53287	0.100	-5.42895	20.00000	Averaged	
	25 2-Chloro-1,3-butadiene	0.40705	0.35907	0.35907	0.000	11.78551	20.00000	Averaged	
	26 Vinyl acetate	0.12793	0.15342	0.15342	0.000	-19.92359	20.00000	Averaged	
	27 cis-1,2-Dichloroethene	0.24685	0.27985	0.27985	0.000	-13.36776	20.00000	Averaged	
	28 2,2-Dichloropropane	0.42142	0.41471	0.41471	0.000	1.59122	20.00000	Averaged	
	29 Bromochloromethane	0.05730	0.06989	0.06989	0.000	-21.98277	20.00000	Averaged	<-
	30 Cyclohexane	0.44342	0.42005	0.42005	0.000	5.27091	20.00000	Averaged	
	31 Chloroform	0.41391	0.42399	0.42399	0.000	-2.43381	20.00000	Averaged	
	32 Ethyl acetate	20.00000	22.76581	0.01348	0.000	-13.82907	20.00000	Linear	
	33 Carbon Tetrachloride	0.33824	0.35311	0.35311	0.000	-4.39640	20.00000	Averaged	
	34 Isobutanol	0.00385	0.00423	0.00423	0.000	-9.72226	20.00000	Averaged	
	35 Tetrahydrofuran	0.00575	0.00590	0.00590	0.000	-2.61887	20.00000	Averaged	
$	36 Dibromofluoromethane	0.14825	0.15325	0.15325	0.000	-3.37288	20.00000	Averaged	
	37 1,1,1-Trichloroethane	0.40692	0.40518	0.40518	0.000	0.42654	20.00000	Averaged	
	38 2-Butanone	10.00000	10.45487	0.02096	0.000	-4.54874	20.00000	Linear	
	39 1,1-Dichloropropene	0.39441	0.39950	0.39950	0.000	-1.29084	20.00000	Averaged	
	40 Benzene	1.15695	1.18303	1.18303	0.000	-2.25466	20.00000	Averaged	
	41 Propionitrile	0.00705	0.00724	0.00724	0.000	-2.73030	20.00000	Averaged	
	42 Methacrylonitrile	0.03220	0.03858	0.03858	0.000	-19.82623	20.00000	Averaged	

12/28/07

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7498.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m

Injection Date: 27-DEC-2007 11:33
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$	43 1,2-Dichloroethane-d4	0.11659	0.11763	0.11763	0.000	-0.89952	20.00000	Averaged	
	44 1,2-Dichloroethane	0.15535	0.18303	0.18303	0.000	-17.82056	20.00000	Averaged	
	46 n-Butanol	0.00081	0.00067	0.00067	0.000	17.25605	20.00000	Averaged	
	47 Methylcyclohexane	0.41985	0.37219	0.37219	0.000	11.35011	20.00000	Averaged	
	48 Trichloroethene	0.28021	0.28145	0.28145	0.000	-0.43961	20.00000	Averaged	
	49 Dibromomethane	0.05005	0.05759	0.05759	0.000	-15.07235	20.00000	Averaged	
	50 1,2-Dichloropropane	0.21925	0.24157	0.24157	0.000	-10.17761	20.00000	Averaged	
	51 Bromodichloromethane	0.21040	0.24492	0.24492	0.000	-16.40496	20.00000	Averaged	
M	52 Xylenes (total)	0.88254	0.86866	0.86866	0.000	1.57207	20.00000	Averaged	
	53 Methyl methacrylate	0.04122	0.04878	0.04878	0.000	-18.35251	20.00000	Averaged	
	54 1,4-Dioxane	200	149	0.00083	0.000	25.62917	20.00000	Linear	<-
	55 2-chloroethyl vinyl ether	0.02712	0.02018	0.02018	0.000	25.60553	20.00000	Averaged	<-
	56 cis-1,3-Dichloropropene	0.21726	0.25682	0.25682	0.000	-18.20942	20.00000	Averaged	
$	57 Toluene-d8	1.49517	1.41584	1.41584	0.000	5.30532	20.00000	Averaged	
	58 Toluene	2.09585	2.06047	2.06047	0.000	1.68804	20.00000	Averaged	
	59 2-Nitro-Propane	10.00000	10.64704	0.06020	0.000	-6.47038	20.00000	Linear	
	60 4-Methyl-2-pentanone	0.08894	0.10052	0.10052	0.000	-13.01309	20.00000	Averaged	
	61 trans-1,3-Dichloropropene	0.24950	0.30018	0.30018	0.000	-20.31278	20.00000	Averaged	<-
	62 Tetrachloroethene	10.00000	9.71428	0.33913	0.000	2.85722	20.00000	Linear	
	63 Ethyl methacrylate	10.00000	9.73343	0.17243	0.000	2.66567	20.00000	Linear	
	64 1,1,2-Trichloroethane	0.15473	0.16959	0.16959	0.000	-9.60037	20.00000	Averaged	
	65 Chlorodibromomethane	0.14873	0.17383	0.17383	0.000	-16.87641	20.00000	Averaged	
	66 1,3-Dichloropropane	0.28493	0.33471	0.33471	0.000	-17.47231	20.00000	Averaged	
	67 1,2-Dibromoethane	0.11001	0.12143	0.12143	0.000	-10.38206	20.00000	Averaged	
	68 2-Hexanone	10.00000	9.68416	0.05067	0.000	3.15840	20.00000	Linear	
	69 Ethylbenzene	0.75255	0.72352	0.72352	0.000	3.85721	20.00000	Averaged	
	71 Chlorobenzene	1.07252	1.09944	1.09944	0.300	-2.51013	20.00000	Averaged	
	72 1,1,1,2-Tetrachloroethane	0.28721	0.30900	0.30900	0.000	-7.58810	20.00000	Averaged	
	73 m,p-Xylenes	0.94981	0.92168	0.92168	0.000	2.96223	20.00000	Averaged	
	74 o-Xylene	0.74799	0.76264	0.76264	0.000	-1.95845	20.00000	Averaged	
	75 Styrene	10.00000	9.98193	1.09142	0.000	0.18069	20.00000	Linear	
	76 Bromoform	0.16086	0.19699	0.19699	0.100	-22.46371	20.00000	Averaged	<-
	77 Isopropylbenzene	5.64746	4.85150	4.85150	0.000	14.09407	20.00000	Averaged	
$	78 4-Bromofluorobenzene	0.98266	0.87999	0.87999	0.000	10.44787	20.00000	Averaged	
	79 n-Propylbenzene	7.86499	6.88583	6.88583	0.000	12.44952	20.00000	Averaged	
	80 Bromobenzene	0.79957	0.80953	0.80953	0.000	-1.24583	20.00000	Averaged	
	81 1,1,2,2-Tetrachloroethane	0.40608	0.43359	0.43359	0.300	-6.77529	20.00000	Averaged	
	82 1,3,5-Trimethylbenzene	4.78326	4.27382	4.27382	0.000	10.65058	20.00000	Averaged	
	83 2-Chlorotoluene	3.75369	3.42303	3.42303	0.000	8.80881	20.00000	Averaged	
	84 1,2,3-Trichloropropane	0.10496	0.12037	0.12037	0.000	-14.68412	20.00000	Averaged	
	85 trans-1,4-dichloro-2-butene	10.00000	9.85739	0.09416	0.000	1.42606	20.00000	Linear	
	86 4-Chlorotoluene	3.50668	3.26854	3.26854	0.000	6.79107	20.00000	Averaged	

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7498.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m

Injection Date: 27-DEC-2007 11:33
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
87 Cyclohexanone	100	67.81086	0.00806	0.000	32.18914	20.00000	Quadratic	<-
88 t-Butylbenzene	4.27455	3.76348	3.76348	0.000	11.95615	20.00000	Averaged	
89 Pentachloroethane	10.00000	10.25424	0.40427	0.000	-2.54237	20.00000	Linear	
90 1,2,4-Trimethylbenzene	4.63758	4.28395	4.28395	0.000	7.62533	20.00000	Averaged	
91 sec-Butylbenzene	7.01564	6.10392	6.10392	0.000	12.99559	20.00000	Averaged	
92 4-Isopropyltoluene	5.32575	4.76191	4.76191	0.000	10.58708	20.00000	Averaged	
93 1,3-Dichlorobenzene	1.84136	1.81035	1.81035	0.000	1.68386	20.00000	Averaged	
95 1,4-Dichlorobenzene	1.81580	1.74864	1.74864	0.000	3.69850	20.00000	Averaged	
96 n-Butylbenzene	5.67056	5.08550	5.08550	0.000	10.31749	20.00000	Averaged	
98 1,2-Dichlorobenzene	1.36228	1.35970	1.35970	0.000	0.18908	20.00000	Averaged	
99 1,2-Dibromo-3-chloropropane	0.04332	0.04905	0.04905	0.000	-13.23256	20.00000	Averaged	
100 Hexachlorobutadiene	0.53565	0.50513	0.50513	0.000	5.69780	20.00000	Averaged	
101 1,2,4-Trichlorobenzene	0.61457	0.79695	0.79695	0.000	-29.67616	20.00000	Averaged	<-
102 Naphthalene	0.70926	0.97304	0.97304	0.000	-37.19069	20.00000	Averaged	<-
103 1,2,3-Trichlorobenzene	0.34401	0.52681	0.52681	0.000	-53.13880	20.00000	Averaged	<-
143 Nonanal	10.00000	9.89197	0.08076	0.000	1.08035	20.00000	Linear	

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Lab Smp Id: VSTD10 Client Smp ID: VSTD10
Inj Date : 27-DEC-2007 11:33
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD10;L071226A.B
Misc Info : VBLKL361A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	1 Dichlorodifluoromethane	85	3.460	3.460	(0.358)	376716	10.0000	8.316
	2 Freon-114	135	3.741	3.741	(0.387)	167351	10.0000	15.70
	3 Chloromethane	50	3.898	3.898	(0.403)	715930	10.0000	8.692
	4 Vinyl Chloride	62	4.097	4.097	(0.424)	645760	10.0000	9.260
	5 Bromomethane	94	4.796	4.796	(0.496)	496261	10.0000	11.32
	6 Chloroethane	64	5.025	5.025	(0.520)	475113	10.0000	11.28
	7 Trichlorofluoromethane	101	5.279	5.279	(0.546)	551102	10.0000	8.947
	8 Diethyl ether	59	5.792	5.792	(0.599)	265801	20.0000	22.32
	9 1,1-Dichloroethene	96	6.147	6.147	(0.636)	343767	10.0000	10.18
	10 1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	318880	10.0000	9.347
	11 Carbon Disulfide	76	6.304	6.304	(0.652)	1066101	10.0000	9.610
	12 Iodomethane	142	6.435	6.435	(0.665)	96850	10.0000	8.216(M)
	13 Acrolein	56	6.626	6.626	(0.685)	39349	50.0000	66.06
	14 Allyl chloride	39	6.813	6.813	(0.704)	311864	10.0000	8.174
	15 Methylene Chloride	84	6.967	6.967	(0.720)	390080	10.0000	12.39
	16 Acetone	43	6.974	6.974	(0.721)	29417	10.0000	10.06
	17 trans-1,2-Dichloroethene	96	7.180	7.180	(0.742)	403109	10.0000	9.930
	18 n-Hexane	57	7.176	7.176	(0.742)	731580	10.0000	10.21
	19 Methyl Acetate	74	7.128	7.128	(0.737)	32318	10.0000	10.68(M)
	20 MTBE	73	7.218	7.218	(0.746)	408647	10.0000	11.13
M	21 1,2-Dichloroethene (total)	96				799089	20.0000	21.27
	22 Acetonitrile	41	7.566	7.566	(0.782)	48582	50.0000	56.43

12/28/07

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	23	Acrylonitrile	53	7.906	7.906	(0.817)	275185	50.0000	88.15
	24	1,1-Dichloroethane	63	7.872	7.872	(0.814)	753994	10.0000	10.54
	25	2-Chloro-1,3-butadiene	53	7.839	7.839	(0.810)	508080	10.0000	8.821
	26	Vinyl acetate	43	8.082	8.082	(0.836)	217082	10.0000	11.99
	27	cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	395980	10.0000	11.34
	28	2,2-Dichloropropane	77	8.535	8.535	(0.882)	586803	10.0000	9.841
	29	Bromochloromethane	128	8.703	8.703	(0.900)	98899	10.0000	12.20
	30	Cyclohexane	84	8.666	8.666	(0.896)	594355	10.0000	9.473
	31	Chloroform	83	8.707	8.707	(0.900)	599932	10.0000	10.24
	32	Ethyl acetate	43	8.756	8.756	(0.905)	38147	20.0000	22.76(M)
	33	Carbon Tetrachloride	117	8.898	8.898	(0.920)	499636	10.0000	10.44
	34	Isobutanol	42	8.894	8.894	(0.920)	119669	200.000	219.4
	35	Tetrahydrofuran	71	8.894	8.894	(0.920)	41774	50.0000	51.31
$	36	Dibromofluoromethane	113	8.905	8.905	(0.921)	216851	10.0000	10.34
	37	1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	573321	10.0000	9.957
	38	2-Butanone	43	8.969	8.969	(0.927)	29651	10.0000	10.45
	39	1,1-Dichloropropene	75	9.051	9.051	(0.936)	565284	10.0000	10.13
	40	Benzene	78	9.313	9.313	(0.963)	1673955	10.0000	10.22
	41	Propionitrile	54	9.272	9.272	(0.959)	51211	50.0000	51.36
	42	Methacrylonitrile	41	9.287	9.287	(0.960)	272955	50.0000	59.91
$	43	1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	166450	10.0000	10.09
	44	1,2-Dichloroethane	62	9.508	9.508	(0.983)	258980	10.0000	11.78
*	45	Fluorobenzene	96	9.672	9.672	(1.000)	1414972	10.0000	
	46	n-Butanol	56	10.032	10.032	(1.037)	9504	100.000	82.74
	47	Methylcyclohexane	55	9.811	9.811	(1.014)	526643	10.0000	8.865
	48	Trichloroethene	130	9.848	9.848	(1.018)	398237	10.0000	10.04
	49	Dibromomethane	93	10.312	10.312	(1.066)	81493	10.0000	11.51
	50	1,2-Dichloropropane	63	10.324	10.324	(1.067)	341813	10.0000	11.02
	51	Bromodichloromethane	83	10.387	10.387	(1.074)	346551	10.0000	11.64
M	52	Xylenes (total)	106				2243682	30.0000	29.60
	53	Methyl methacrylate	69	10.402	10.402	(1.075)	69025	10.0000	11.84
	54	1,4-Dioxane	88	10.552	10.552	(1.091)	23454	200.000	148.7(M)
	55	2-chloroethyl vinyl ether	63	10.799	10.799	(1.116)	28548	10.0000	7.439
	56	cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	363396	10.0000	11.82
$	57	Toluene-d8	98	11.083	11.083	(0.885)	1219000	10.0000	9.469
	58	Toluene	91	11.136	11.136	(0.889)	1774003	10.0000	9.831
	59	2-Nitro-Propane	43	11.300	11.300	(0.902)	51833	10.0000	10.65
	60	4-Methyl-2-pentanone	43	11.364	11.364	(0.907)	86542	10.0000	11.30
	61	trans-1,3-Dichloropropene	75	11.495	11.495	(0.918)	258448	10.0000	12.03
	62	Tetrachloroethene	164	11.521	11.521	(0.920)	291978	10.0000	9.714
	63	Ethyl methacrylate	69	11.506	11.506	(0.918)	148461	10.0000	9.733
	64	1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	146008	10.0000	10.96
	65	Chlorodibromomethane	129	11.892	11.892	(0.949)	149665	10.0000	11.69
	66	1,3-Dichloropropane	76	11.910	11.910	(0.951)	288174	10.0000	11.75
	67	1,2-Dibromoethane	107	12.150	12.150	(0.970)	104546	10.0000	11.04
	68	2-Hexanone	43	12.112	12.112	(0.967)	43629	10.0000	9.684
	69	Ethylbenzene	106	12.498	12.498	(0.998)	622930	10.0000	9.614
*	70	Chlorobenzene-d5	117	12.528	12.528	(1.000)	860970	10.0000	
	71	Chlorobenzene	112	12.547	12.547	(1.001)	946584	10.0000	10.25
	72	1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	266039	10.0000	10.76
	73	m,p-Xylenes	106	12.614	12.614	(1.007)	1587076	20.0000	19.41
	74	o-Xylene	106	13.033	13.033	(1.040)	656606	10.0000	10.20
	75	Styrene	104	13.089	13.089	(1.045)	939677	10.0000	9.982
	76	Bromoform	173	13.254	13.254	(0.900)	68163	10.0000	12.25

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	77 Isopropylbenzene	105	13.291	13.291	(0.903)	1678693	10.0000	8.590
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	304491	10.0000	8.955
	79 n-Propylbenzene	91	13.680	13.680	(0.929)	2382602	10.0000	8.755
	80 Bromobenzene	156	13.789	13.789	(0.937)	280109	10.0000	10.12
	81 1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	150030	10.0000	10.68
	82 1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1478805	10.0000	8.935
	83 2-Chlorotoluene	91	13.905	13.905	(0.945)	1184420	10.0000	9.119
	84 1,2,3-Trichloropropane	110	13.927	13.927	(0.946)	41651	10.0000	11.47
	85 trans-1,4-dichloro-2-butene	53	13.935	13.935	(0.947)	32580	10.0000	9.857
	86 4-Chlorotoluene	91	14.047	14.047	(0.954)	1130965	10.0000	9.321
	87 Cyclohexanone	55	14.010	14.010	(0.952)	27889	100.000	67.81
	88 t-Butylbenzene	119	14.156	14.156	(0.962)	1302221	10.0000	8.804
	89 Pentachloroethane	167	14.275	14.275	(0.970)	139883	10.0000	10.25
	90 1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1482311	10.0000	9.237
	91 sec-Butylbenzene	105	14.328	14.328	(0.973)	2112047	10.0000	8.700
	92 4-Isopropyltoluene	119	14.436	14.436	(0.981)	1647693	10.0000	8.941
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	626409	10.0000	9.832
*	94 1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	346015	10.0000	
	95 1,4-Dichlorobenzene	146	14.743	14.743	(1.002)	605057	10.0000	9.630
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	1759660	10.0000	8.968
	98 1,2-Dichlorobenzene	146	15.162	15.162	(1.030)	470477	10.0000	9.981
	99 1,2-Dibromo-3-chloropropane	157	15.974	15.974	(1.085)	16971	10.0000	11.32
	100 Hexachlorobutadiene	225	16.558	16.558	(1.125)	174784	10.0000	9.430
	101 1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	275757	10.0000	12.97
	102 Naphthalene	128	17.071	17.071	(1.160)	336685	10.0000	13.72
	103 1,2,3-Trichlorobenzene	180	17.292	17.292	(1.175)	182284	10.0000	15.31
	143 Nonanal	57	15.746	15.746	(1.628)	114267	10.0000	9.892

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Report Date: 28-Dec-2007 10:39

STL St. Louis

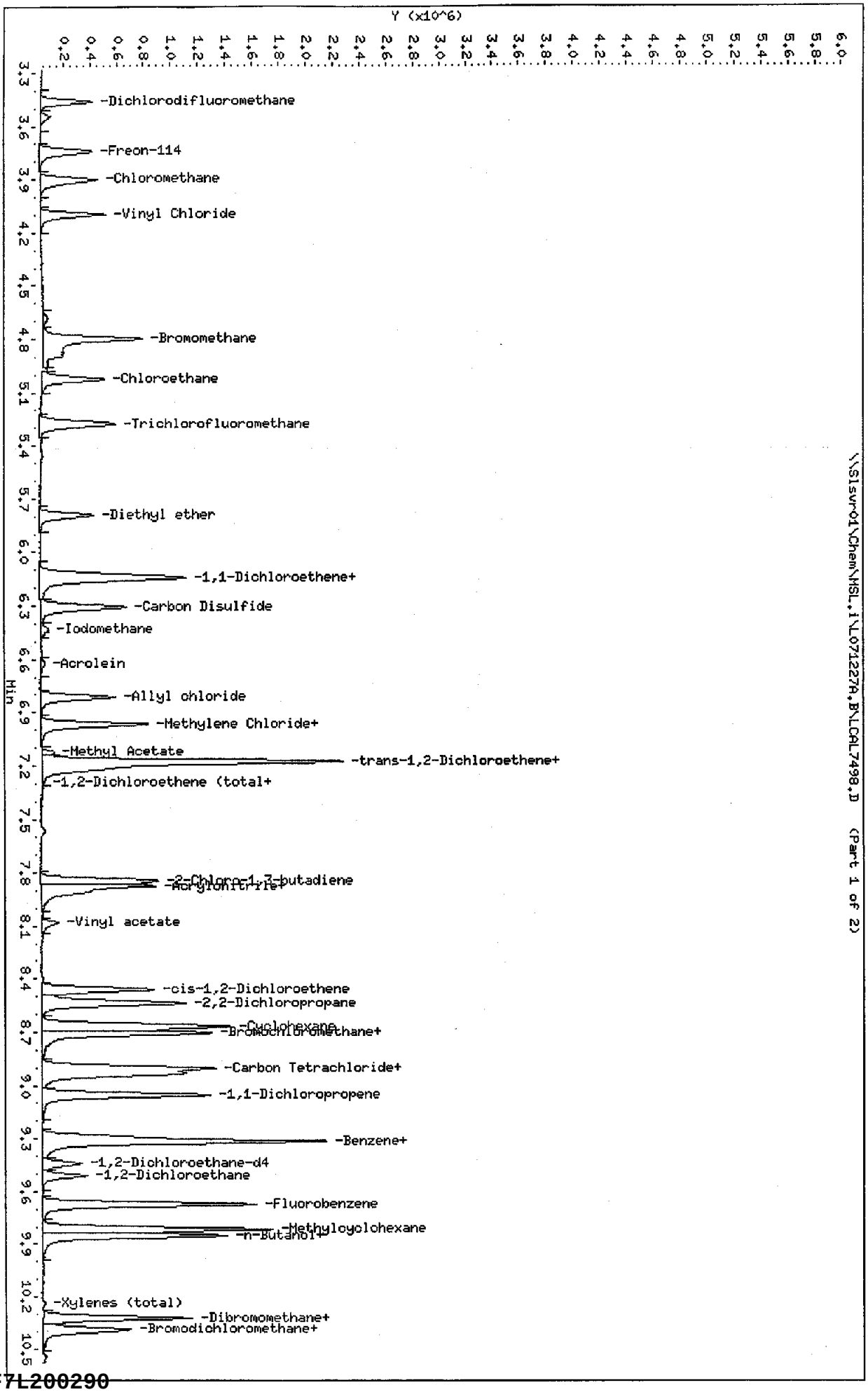
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LCAL7498.D
Lab Smp Id: VSTD10
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD10
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	1414972	43.81
70 Chlorobenzene-d5	563731	281866	1127462	860970	52.73
94 1,4 Dichlorobenze	211084	105542	422168	346015	63.92

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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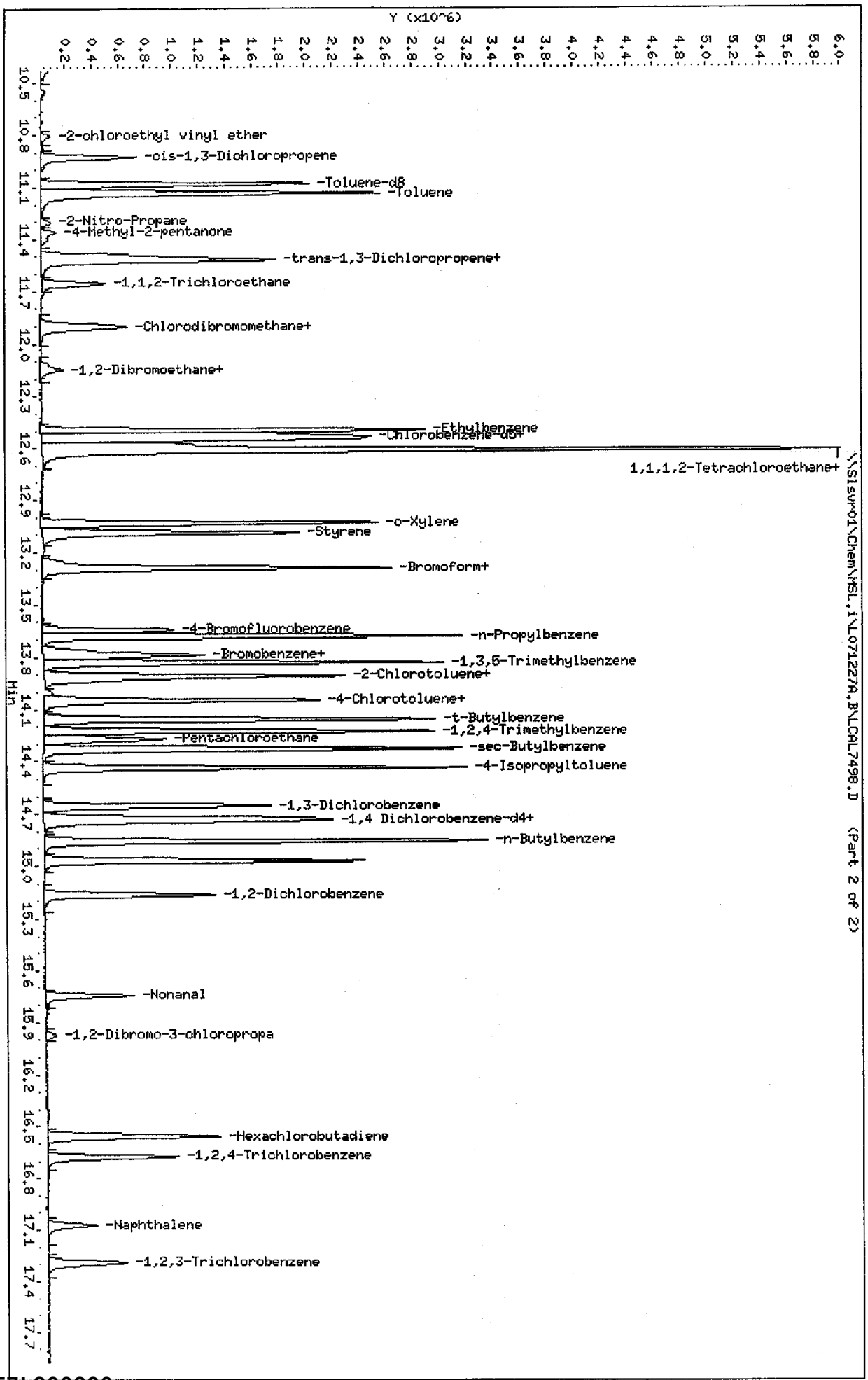
Date : 27-DEC-2007 11:33
Client ID: VSTD10
Sample Info: VSTD10;L071226A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Acrolein
-Allyl chloride
-Methylene Chloride+
-Methyl Acetate
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-2-Chloro-1,3-butadiene
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-n-Butanol+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+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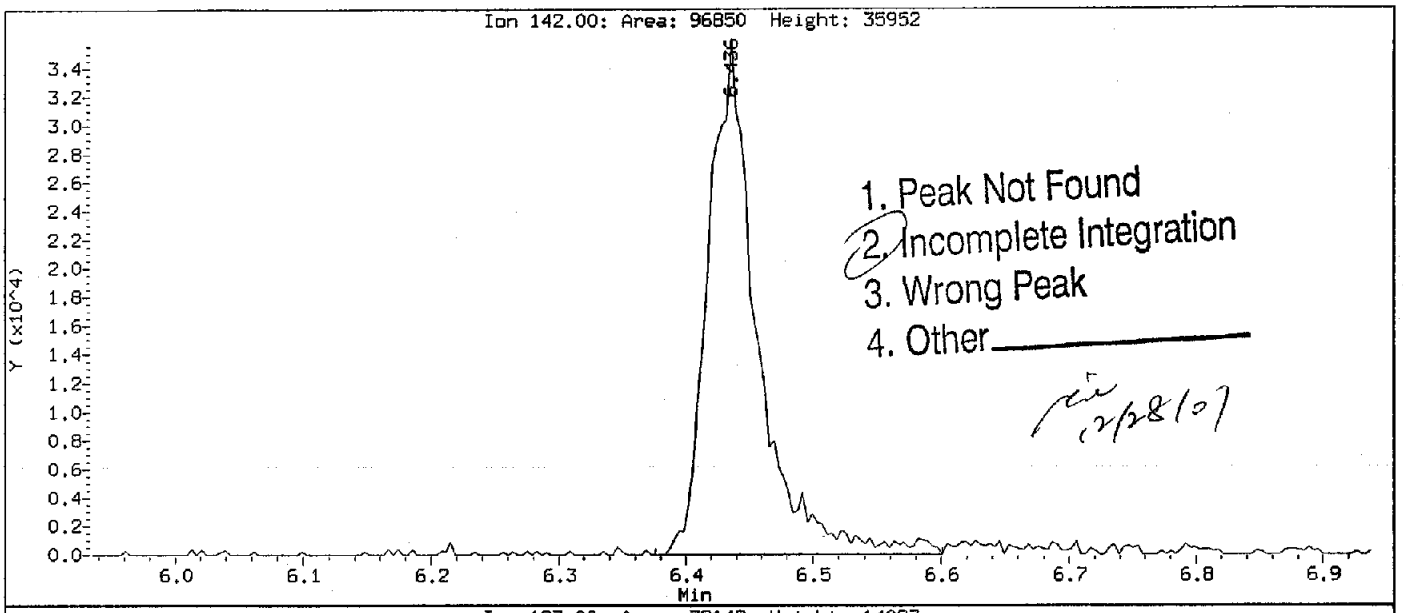
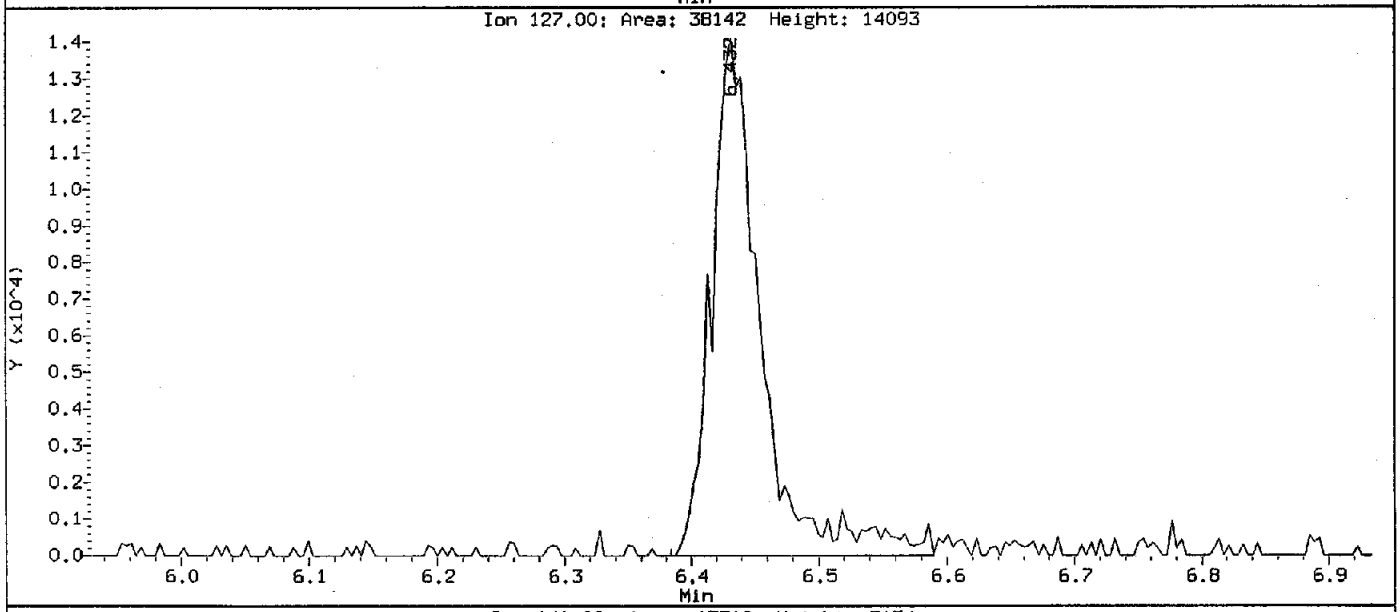
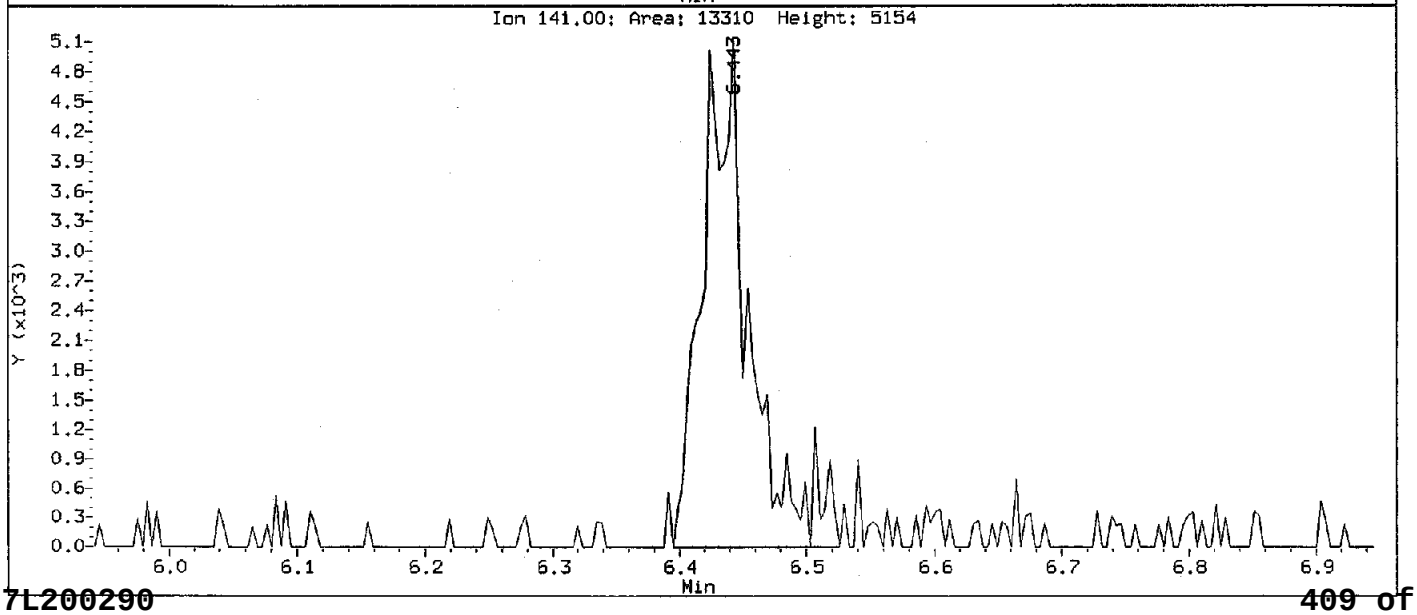
Date : 27-DEC-2007 11:33
Client ID: VSTD10
Sample Info: VSTD10;L071226A.B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
\\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D (Part 2 of 2)
Min
-2-chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-Toluene-d8
-Toluene
-2-Nitro-Propane
-4-Methyl-2-pentanone
-trans-1,3-Dichloropropene+
-1,1,2-Trichloroethane
-Chlorodibromomethane+
-1,2-Dibromoethane+
-Ethylbenzene
-Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
-o-Xylene
-Styrene
-Bromoform+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-4-Chlorotoluene+
-t-Butylbenzene
-1,2,4-Trimethylbenzene
-Pentachloroethane
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene
-Nonanal
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Injection Date: 27-DEC-2007 11:33
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Iodomethane
CAS Number: 74-88-4







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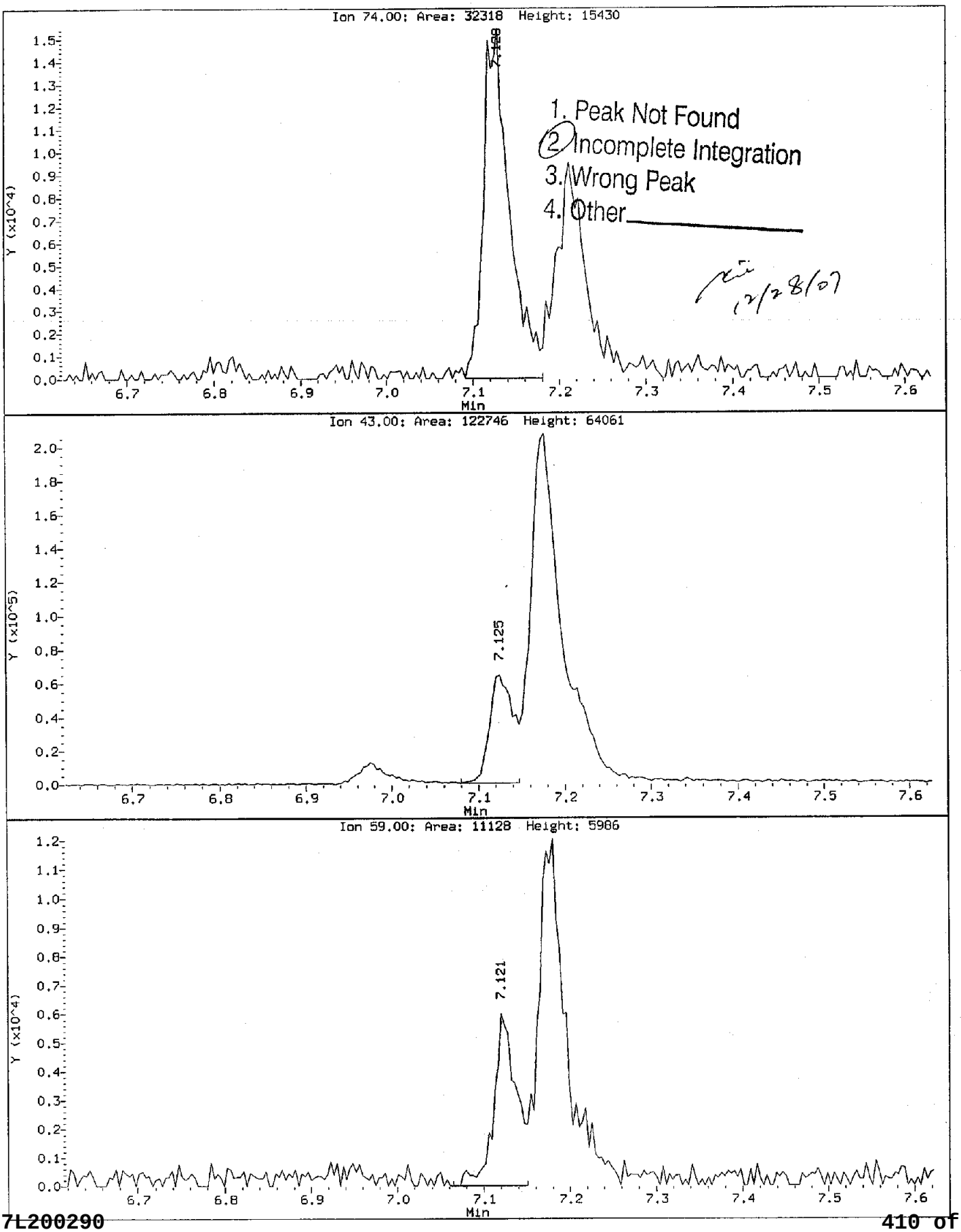
Injection Date: 27-DEC-2007 11:33
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Methyl Acetate
CAS Number:



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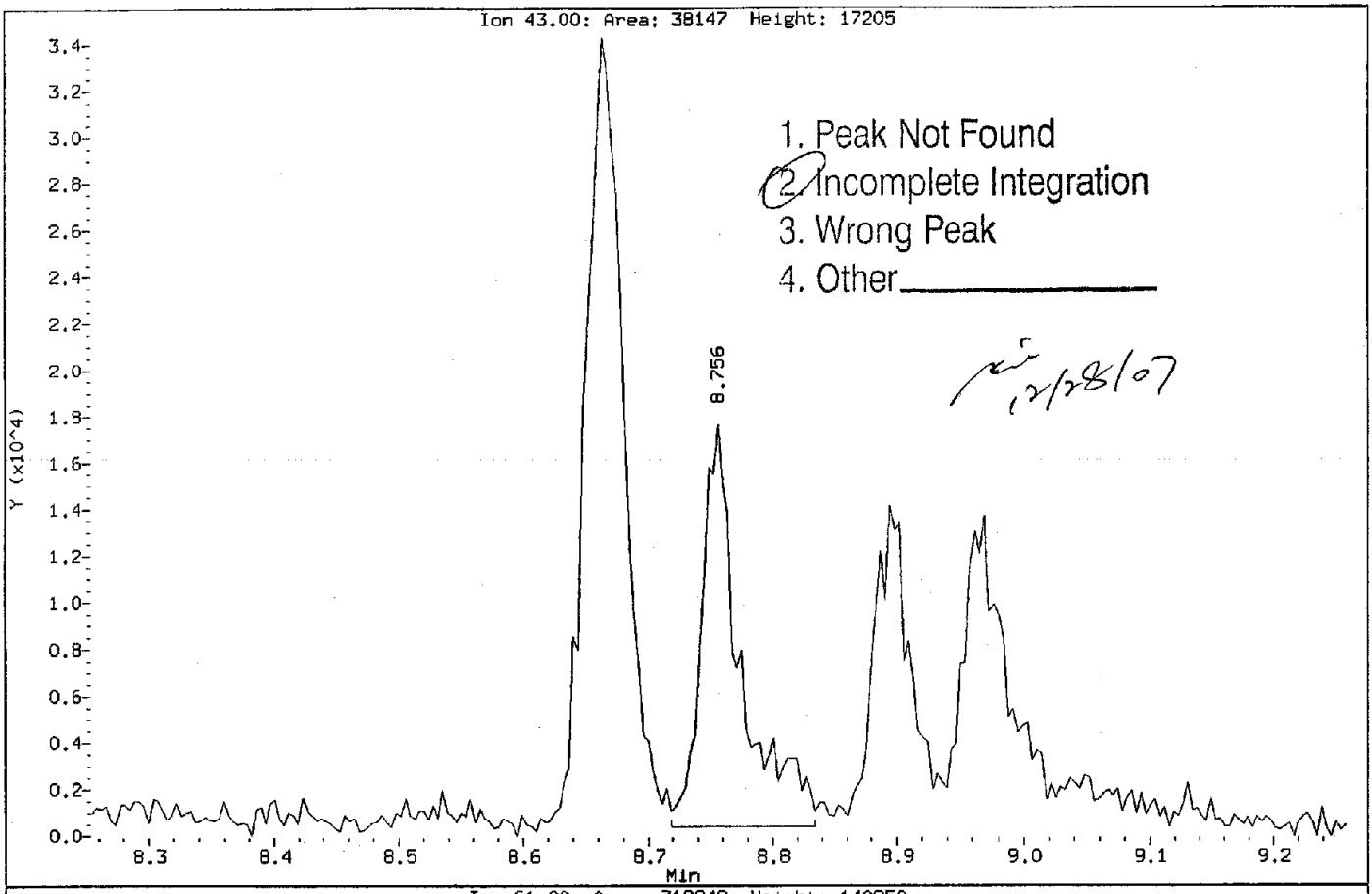
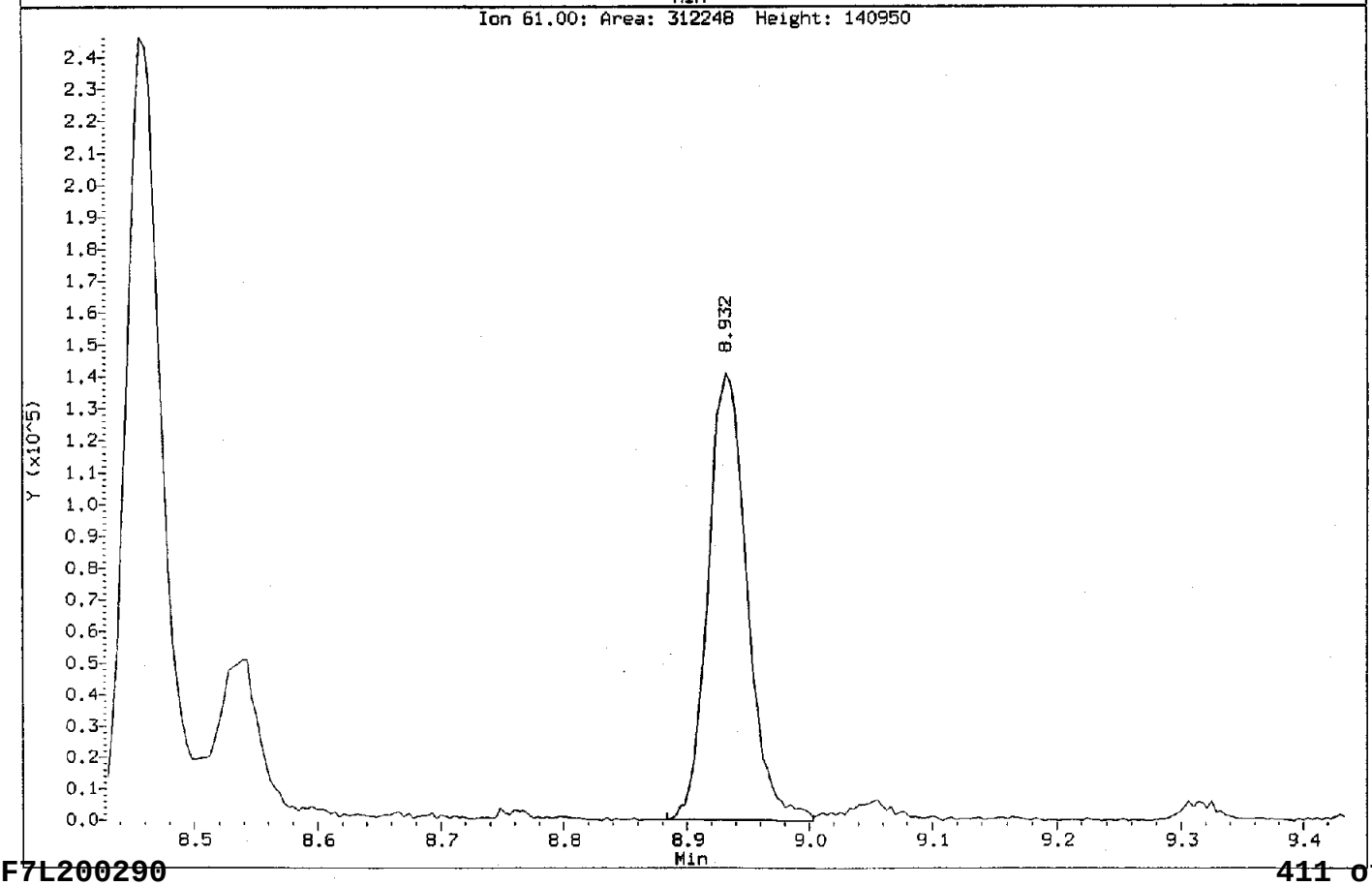
Injection Date: 27-DEC-2007 11:33
Instrument: MSL.i
Client Sample ID: VSTD10

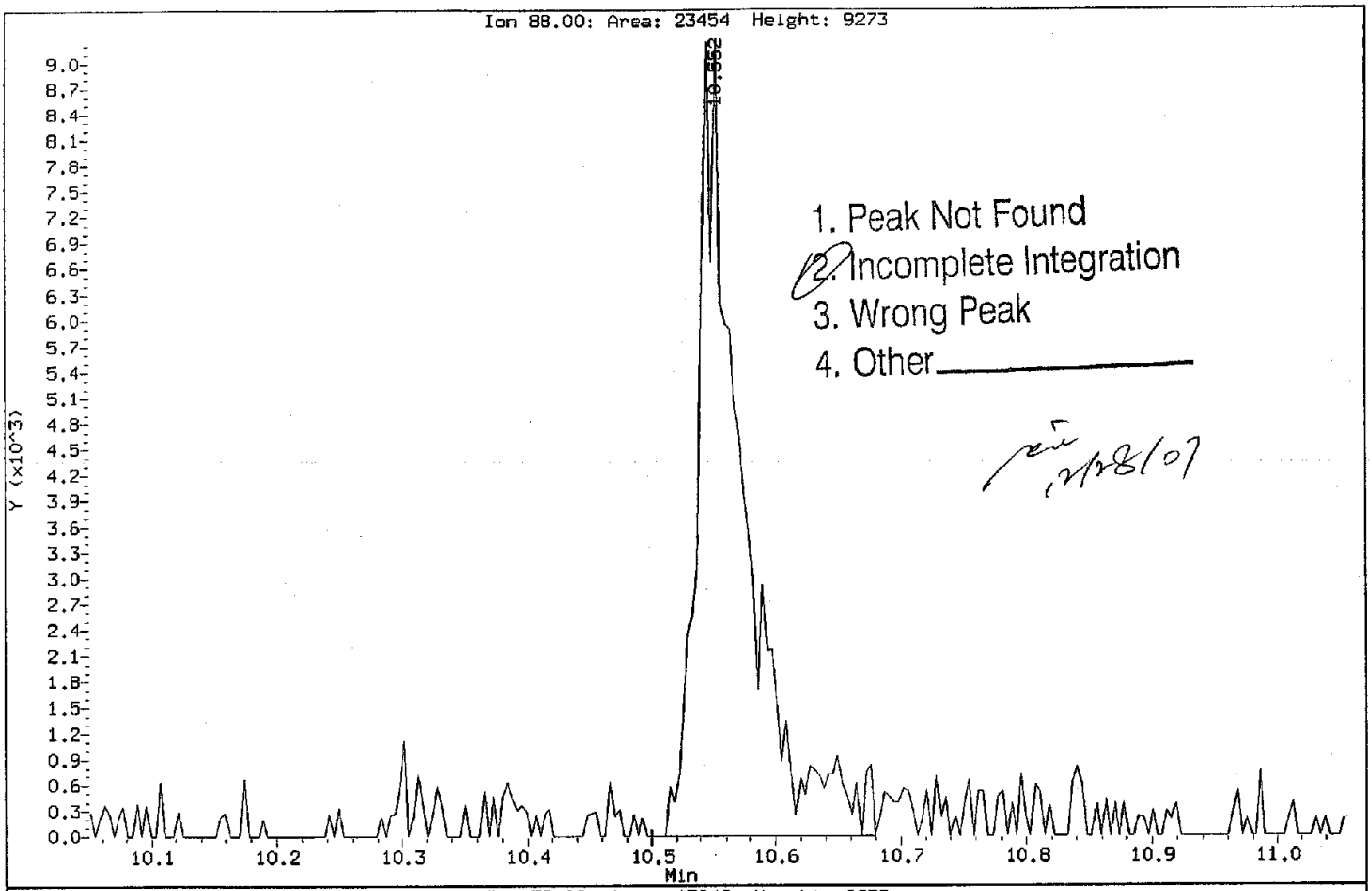
Compound: Ethyl acetate
CAS Number: 141-78-6

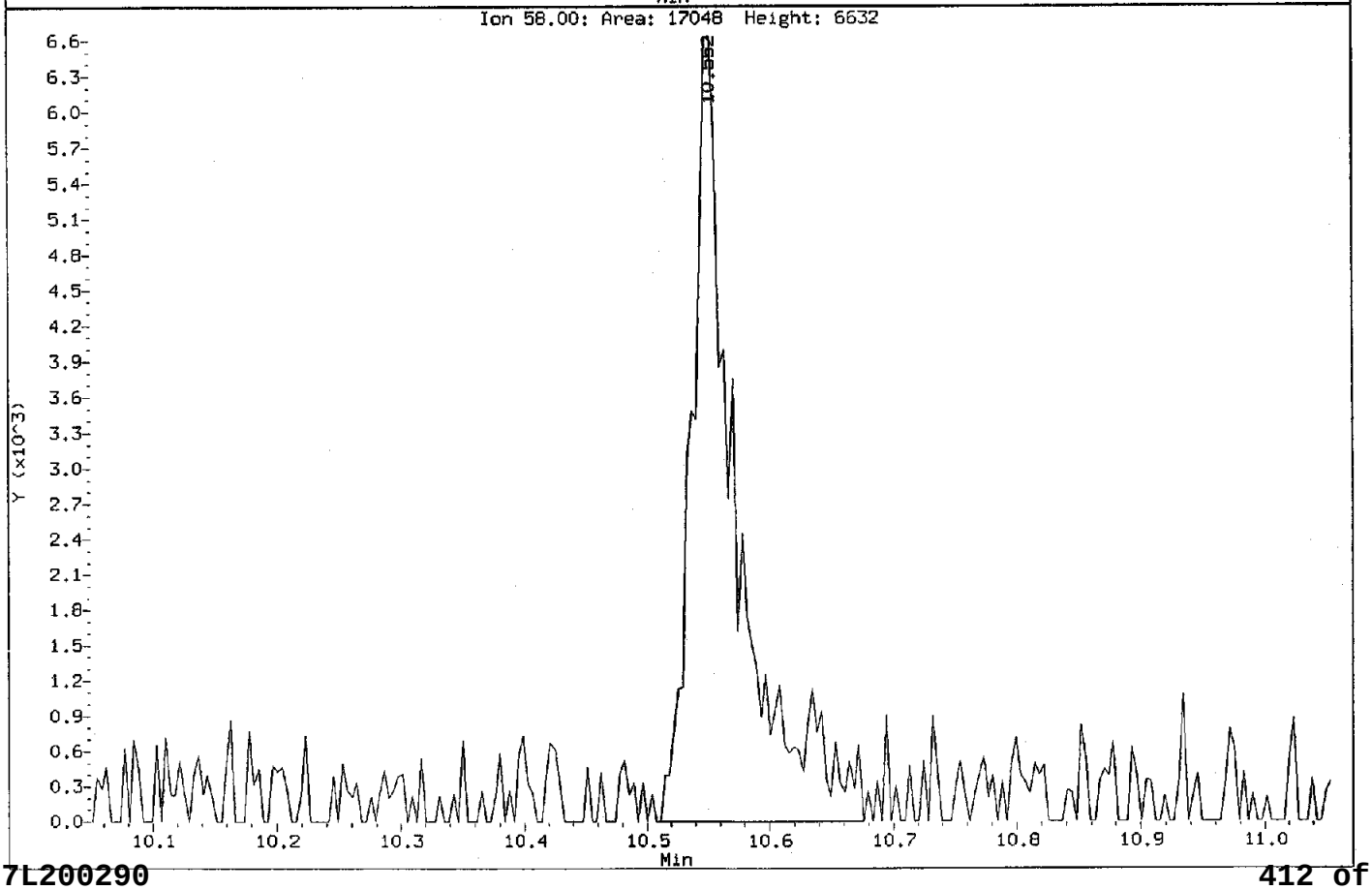




Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LCAL7498.D
Injection Date: 27-DEC-2007 11:33
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: 1,4-Dioxane
CAS Number: 123-91-1





Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LBFB7553.D

Date : 31-DEC-2007 09:33

Client ID: VBFB

Instrument: MSL.i

Sample Info: 50ng BFB;L071231A.B

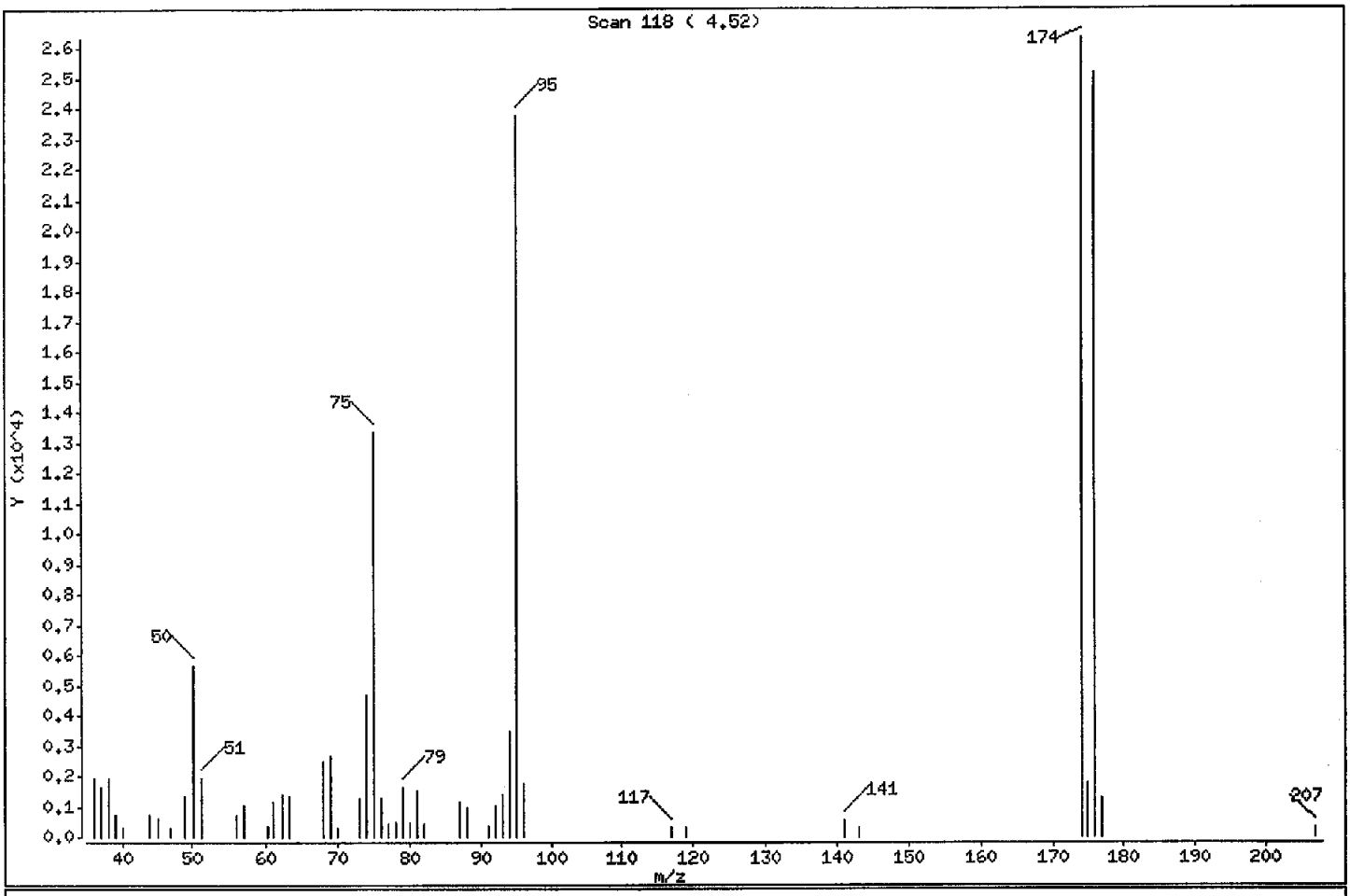
Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.74
75	30.00 - 60.00% of mass 95	56.17
96	5.00 - 9.00% of mass 95	7.30
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	110.74
175	5.00 - 9.00% of mass 174	7.40 (6.68)
176	95.00 - 101.00% of mass 174	105.83 (95.56)
177	5.00 - 9.00% of mass 176	5.45 (5.15)

01/02/08

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LBFB7553.D

Date : 31-DEC-2007 09:33

Client ID: VBFB

Instrument: MSL.i

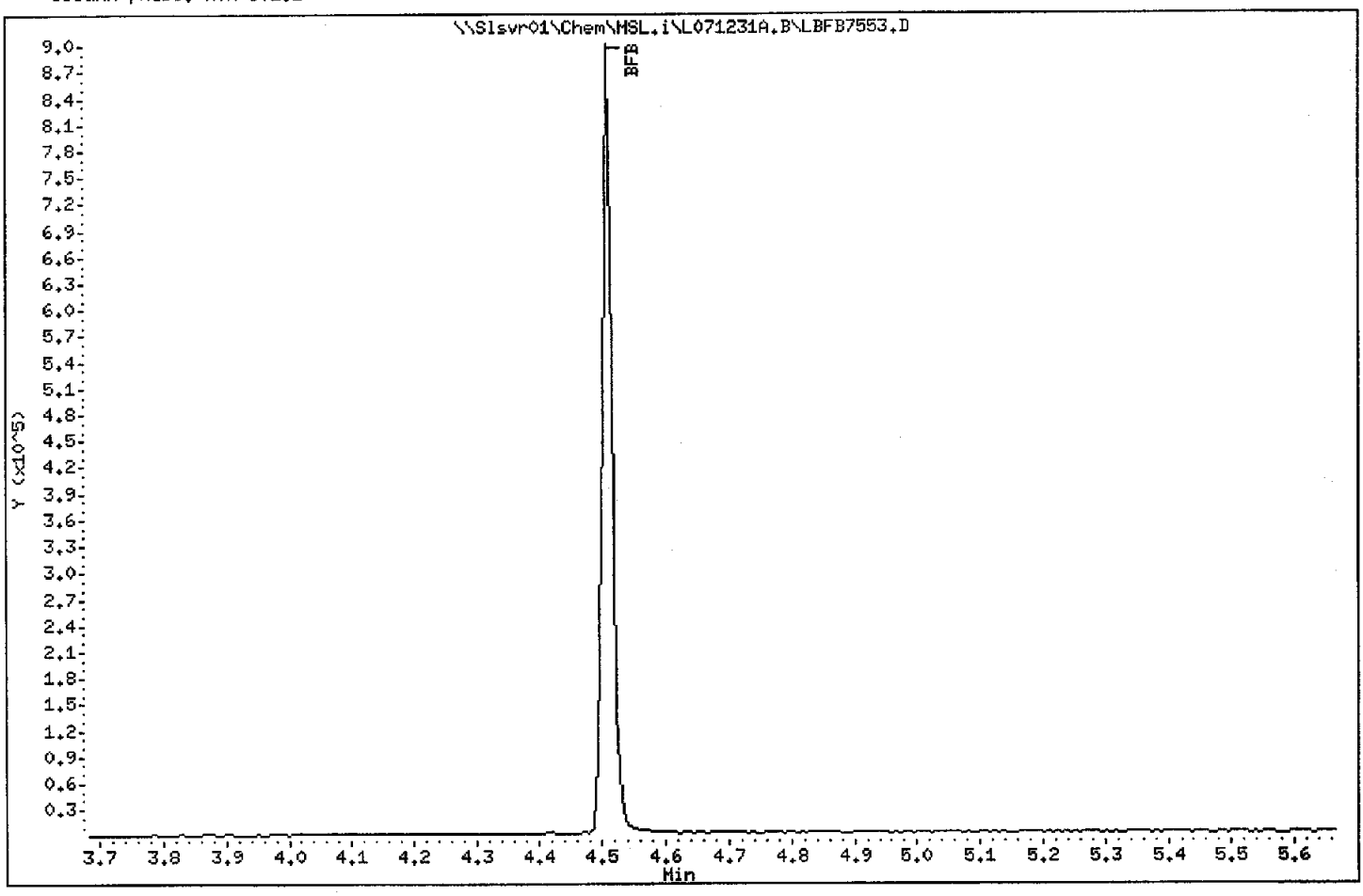
Sample Info: 50ng BFB;L071231A.B

Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53



Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LBFB7553.D

Date : 31-DEC-2007 09:33

Client ID: VBFB

Instrument: MSL.i

Sample Info: 50ng BFB;L071231A.B

Volume Injected (uL): 2.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.53

Data File: LBFB7553.D
Spectrum: Scan 118 (4.52)
Location of Maximum: 174.00
Number of points: 47

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	1967	57.00	1031	77.10	447	95.10	23752
37.00	1616	60.10	366	78.10	500	96.00	1733
38.10	1945	61.00	1130	78.90	1646	116.90	317
39.10	705	62.10	1409	80.00	471	118.90	275
40.10	280	63.10	1333	81.00	1509	141.00	518
44.00	719	68.00	2492	82.00	419	143.00	314
45.10	585	69.00	2638	87.00	1138	174.00	26304
47.00	298	70.10	290	88.00	979	175.00	1758
49.00	1341	73.00	1274	91.00	361	176.00	25136
50.10	5639	74.00	4664	92.00	1052	177.00	1294
51.10	1939	75.10	13342	93.00	1413	207.00	314
56.00	722	76.10	1290	94.10	3435		

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LCAL7556.D
Report Date: 02-Jan-2008 09:37

TestAmerica St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7556.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m

Injection Date: 31-DEC-2007 12:11
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
	1 Dichlorodifluoromethane	0.32016	0.31250	0.31250	0.000	2.39370	20.00000	Averaged	
	2 Freon-114	0.07533	0.10935	0.10935	0.000	-45.15853	20.00000	Averaged	<-
	3 Chloromethane	0.58212	0.48438	0.48438	0.100	16.79036	20.00000	Averaged	
	4 Vinyl Chloride	0.49282	0.47353	0.47353	0.000	3.91373	20.00000	Averaged	
	5 Bromomethane	0.30980	0.49041	0.49041	0.000	-58.30175	20.00000	Averaged	<-
	6 Chloroethane	0.29779	0.36149	0.36149	0.000	-21.39385	20.00000	Averaged	<-
	7 Trichlorofluoromethane	0.43532	0.40823	0.40823	0.000	6.22470	20.00000	Averaged	
	8 Diethyl ether	0.08417	0.10047	0.10047	0.000	-19.37202	20.00000	Averaged	
	9 1,1-Dichloroethene	0.23860	0.22439	0.22439	0.000	5.95679	20.00000	Averaged	
	10 1,1,2-Trichlorofluoroethane	0.24110	0.25464	0.25464	0.000	-5.61586	20.00000	Averaged	
	11 Carbon Disulfide	0.78406	0.93470	0.93470	0.000	-19.21331	20.00000	Averaged	
	12 Iodomethane	0.08331	0.08719	0.08719	0.000	-4.65824	20.00000	Averaged	
	13 Acrolein	0.00421	0.00353	0.00353	0.000	16.23814	20.00000	Averaged	
	14 Allyl chloride	0.26964	0.24228	0.24228	0.000	10.14454	20.00000	Averaged	
	15 Methylene Chloride	0.22255	0.22846	0.22846	0.000	-2.65775	20.00000	Averaged	
	16 Acetone	10.00000	11.43432	0.02318	0.000	-14.34322	20.00000	Linear	
	17 trans-1,2-Dichloroethene	0.28690	0.27050	0.27050	0.000	5.71615	20.00000	Averaged	
	18 n-Hexane	0.50648	0.56806	0.56806	0.000	-12.15878	20.00000	Averaged	
	19 Methyl Acetate	0.02138	0.01991	0.01991	0.000	6.86896	20.00000	Averaged	
	20 MTBE	0.25941	0.29709	0.29709	0.000	-14.52793	20.00000	Averaged	
M	21 1,2-Dichloroethene (total)	0.26688	0.25842	0.25842	0.000	3.17004	20.00000	Averaged	
	22 Acetonitrile	50.00000	56.36095	0.00686	0.000	-12.72190	20.00000	Linear	
	23 Acrylonitrile	0.02206	0.02621	0.02621	0.000	-18.81826	20.00000	Averaged	
	24 1,1-Dichloroethane	0.50543	0.49188	0.49188	0.100	2.68156	20.00000	Averaged	
	25 2-Chloro-1,3-butadiene	0.40705	0.39561	0.39561	0.000	2.80986	20.00000	Averaged	
	26 Vinyl acetate	0.12793	0.17477	0.17477	0.000	-36.61252	20.00000	Averaged	<-
	27 cis-1,2-Dichloroethene	0.24685	0.24633	0.24633	0.000	0.21082	20.00000	Averaged	
	28 2,2-Dichloropropane	0.42142	0.40382	0.40382	0.000	4.17629	20.00000	Averaged	
	29 Bromochloromethane	0.05730	0.05831	0.05831	0.000	-1.75785	20.00000	Averaged	
	30 Cyclohexane	0.44342	0.46223	0.46223	0.000	-4.24224	20.00000	Averaged	
	31 Chloroform	0.41391	0.38535	0.38535	0.000	6.90047	20.00000	Averaged	
	32 Ethyl acetate	20.00000	23.70627	0.01405	0.000	-18.53136	20.00000	Linear	
	33 Carbon Tetrachloride	0.33824	0.33808	0.33808	0.000	0.04588	20.00000	Averaged	
	34 Isobutanol	0.00385	0.00445	0.00445	0.000	-15.58680	20.00000	Averaged	
	35 Tetrahydrofuran	0.00575	0.00704	0.00704	0.000	-22.29329	20.00000	Averaged	<-
$	36 Dibromofluoromethane	0.14825	0.16648	0.16648	0.000	-12.29121	20.00000	Averaged	
	37 1,1,1-Trichloroethane	0.40692	0.38107	0.38107	0.000	6.35218	20.00000	Averaged	
	38 2-Butanone	10.00000	16.52965	0.03339	0.000	-65.29649	20.00000	Linear	<-
	39 1,1-Dichloropropene	0.39441	0.39271	0.39271	0.000	0.43037	20.00000	Averaged	
	40 Benzene	1.15695	1.14094	1.14094	0.000	1.38342	20.00000	Averaged	
	41 Propionitrile	0.00705	0.00835	0.00835	0.000	-18.57005	20.00000	Averaged	
	42 Methacrylonitrile	0.03220	0.04695	0.04695	0.000	-45.82794	20.00000	Averaged	<-

01/02/08

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LCAL7556.D
Report Date: 02-Jan-2008 09:37

TestAmerica St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7556.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m

Injection Date: 31-DEC-2007 12:11
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$	43 1,2-Dichloroethane-d4	0.11659	0.12048	0.12048	0.000	-3.34245	20.00000	Averaged	
	44 1,2-Dichloroethane	0.15535	0.15678	0.15678	0.000	-0.92450	20.00000	Averaged	
	46 n-Butanol	0.00081	0.00096	0.00096	0.000	-17.87532	20.00000	Averaged	
	47 Methylcyclohexane	0.41985	0.42060	0.42060	0.000	-0.17931	20.00000	Averaged	
	48 Trichloroethene	0.28021	0.28113	0.28113	0.000	-0.32580	20.00000	Averaged	
	49 Dibromomethane	0.05005	0.05220	0.05220	0.000	-4.29818	20.00000	Averaged	
	50 1,2-Dichloropropane	0.21925	0.22877	0.22877	0.000	-4.34079	20.00000	Averaged	
	51 Bromodichloromethane	0.21040	0.21902	0.21902	0.000	-4.09437	20.00000	Averaged	
M	52 Xylenes (total)	0.88254	0.82947	0.82947	0.000	6.01304	20.00000	Averaged	
	53 Methyl methacrylate	0.04122	0.05047	0.05047	0.000	-22.44033	20.00000	Averaged	<-
	54 1,4-Dioxane	200	180	0.00096	0.000	9.84284	20.00000	Linear	
	55 2-chloroethyl vinyl ether	0.02712	0.01793	0.01793	0.000	33.88146	20.00000	Averaged	<-
	56 cis-1,3-Dichloropropene	0.21726	0.23390	0.23390	0.000	-7.65921	20.00000	Averaged	
$	57 Toluene-d8	1.49517	1.47954	1.47954	0.000	1.04503	20.00000	Averaged	
	58 Toluene	2.09585	1.91219	1.91219	0.000	8.76277	20.00000	Averaged	
	59 2-Nitro-Propane	10.00000	8.69372	0.04865	0.000	13.06277	20.00000	Linear	
	60 4-Methyl-2-pentanone	0.08894	0.10900	0.10900	0.000	-22.54652	20.00000	Averaged	<-
	61 trans-1,3-Dichloropropene	0.24950	0.25374	0.25374	0.000	-1.69890	20.00000	Averaged	
	62 Tetrachloroethene	10.00000	9.28860	0.32415	0.000	7.11402	20.00000	Linear	
	63 Ethyl methacrylate	10.00000	9.64296	0.17058	0.000	3.57044	20.00000	Linear	
	64 1,1,2-Trichloroethane	0.15473	0.14972	0.14972	0.000	3.24003	20.00000	Averaged	
	65 Chlorodibromomethane	0.14873	0.15703	0.15703	0.000	-5.57823	20.00000	Averaged	
	66 1,3-Dichloropropane	0.28493	0.29012	0.29012	0.000	-1.82267	20.00000	Averaged	
	67 1,2-Dibromoethane	0.11001	0.10601	0.10601	0.000	3.63602	20.00000	Averaged	
	68 2-Hexanone	10.00000	9.92522	0.05201	0.000	0.74783	20.00000	Linear	
	69 Ethylbenzene	0.75255	0.68402	0.68402	0.000	9.10658	20.00000	Averaged	
	71 Chlorobenzene	1.07252	1.04126	1.04126	0.300	2.91474	20.00000	Averaged	
	72 1,1,1,2-Tetrachloroethane	0.28721	0.29115	0.29115	0.000	-1.37329	20.00000	Averaged	
	73 m,p-Xylenes	0.94981	0.88340	0.88340	0.000	6.99257	20.00000	Averaged	
	74 o-Xylene	0.74799	0.72162	0.72162	0.000	3.52538	20.00000	Averaged	
	75 Styrene	10.00000	9.10748	0.99494	0.000	8.92516	20.00000	Linear	
	76 Bromoform	0.16086	0.17743	0.17743	0.100	-10.30096	20.00000	Averaged	
	77 Isopropylbenzene	5.64746	4.84486	4.84486	0.000	14.21172	20.00000	Averaged	
$	78 4-Bromofluorobenzene	0.98266	0.92928	0.92928	0.000	5.43188	20.00000	Averaged	
	79 n-Propylbenzene	7.86499	6.86191	6.86191	0.000	12.75369	20.00000	Averaged	
	80 Bromobenzene	0.79957	0.78629	0.78629	0.000	1.66031	20.00000	Averaged	
	81 1,1,2,2-Tetrachloroethane	0.40608	0.39720	0.39720	0.300	2.18604	20.00000	Averaged	
	82 1,3,5-Trimethylbenzene	4.78326	4.23591	4.23591	0.000	11.44315	20.00000	Averaged	
	83 2-Chlorotoluene	3.75369	3.35164	3.35164	0.000	10.71064	20.00000	Averaged	
	84 1,2,3-Trichloropropane	0.10496	0.10750	0.10750	0.000	-2.42019	20.00000	Averaged	
	85 trans-1,4-dichloro-2-butene	10.00000	9.73699	0.09298	0.000	2.63008	20.00000	Linear	
	86 4-Chlorotoluene	3.50668	3.14391	3.14391	0.000	10.34511	20.00000	Averaged	

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LCAL7556.D
Report Date: 02-Jan-2008 09:37

TestAmerica St. Louis

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSL.i
Lab File ID: LCAL7556.D
Analysis Type: WATER
Lab Sample ID: VSTD10
Method: \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m

Injection Date: 31-DEC-2007 12:11
Init. Cal. Date(s): 16-NOV-2007 17-DEC-2007
Init. Cal. Times: 15:58 17:33
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
87 Cyclohexanone	100	207	0.01452	0.000	-107	20.00000	Quadratic	<-
88 t-Butylbenzene	4.27455	3.79152	3.79152	0.000	11.30027	20.00000	Averaged	
89 Pentachloroethane	10.00000	11.19615	0.44299	0.000	-11.96148	20.00000	Linear	
90 1,2,4-Trimethylbenzene	4.63758	4.23477	4.23477	0.000	8.68584	20.00000	Averaged	
91 sec-Butylbenzene	7.01564	6.14800	6.14800	0.000	12.36729	20.00000	Averaged	
92 4-Isopropyltoluene	5.32575	4.86476	4.86476	0.000	8.65593	20.00000	Averaged	
93 1,3-Dichlorobenzene	1.84136	1.73773	1.73773	0.000	5.62759	20.00000	Averaged	
95 1,4-Dichlorobenzene	1.81580	1.70820	1.70820	0.000	5.92588	20.00000	Averaged	
96 n-Butylbenzene	5.67056	5.13855	5.13855	0.000	9.38192	20.00000	Averaged	
98 1,2-Dichlorobenzene	1.36228	1.33000	1.33000	0.000	2.36947	20.00000	Averaged	
99 1,2-Dibromo-3-chloropropane	0.04332	0.04682	0.04682	0.000	-8.08871	20.00000	Averaged	
100 Hexachlorobutadiene	0.53565	0.51021	0.51021	0.000	4.75066	20.00000	Averaged	
101 1,2,4-Trichlorobenzene	0.61457	0.74500	0.74500	0.000	-21.22232	20.00000	Averaged	<-
102 Naphthalene	0.70926	0.83566	0.83566	0.000	-17.82147	20.00000	Averaged	
103 1,2,3-Trichlorobenzene	0.34401	0.45468	0.45468	0.000	-32.17058	20.00000	Averaged	<-
143 Nonanal	10.00000	7.36722	0.05611	0.000	26.32776	20.00000	Linear	<-

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LCAL7556.D
Report Date: 02-Jan-2008 09:37

TestAmerica St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071231A.B\LCAL7556.D
Lab Smp Id: VSTD10 Client Smp ID: VSTD10
Inj Date : 31-DEC-2007 12:11
Operator : XIA Inst ID: MSL.i
Smp Info : VSTD10;L071231A.B
Misc Info : VBLKL365A;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m
Meth Date : 02-Jan-2008 09:35 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1	Dichlorodifluoromethane	85	3.461	3.461	(0.358)	320583	10.0000	9.761
2	Freon-114	135	3.745	3.745	(0.387)	112179	10.0000	14.52
3	Chloromethane	50	3.898	3.898	(0.403)	496910	10.0000	8.321
4	Vinyl Chloride	62	4.097	4.097	(0.424)	485775	10.0000	9.609
5	Bromomethane	94	4.800	4.800	(0.496)	503097	10.0000	15.83
6	Chloroethane	64	5.025	5.025	(0.520)	370844	10.0000	12.14
7	Trichlorofluoromethane	101	5.276	5.276	(0.546)	418783	10.0000	9.378
8	Diethyl ether	59	5.792	5.792	(0.599)	206143	20.0000	23.87
9	1,1-Dichloroethene	96	6.148	6.148	(0.636)	230193	10.0000	9.404
10	1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	261227	10.0000	10.56
11	Carbon Disulfide	76	6.308	6.308	(0.652)	958877	10.0000	11.92
12	Iodomethane	142	6.428	6.428	(0.665)	89445	10.0000	10.46(M)
13	Acrolein	56	6.619	6.619	(0.685)	18087	50.0000	41.88
14	Allyl chloride	39	6.814	6.814	(0.705)	248549	10.0000	8.986
15	Methylene Chloride	84	6.963	6.963	(0.720)	234371	10.0000	10.26
16	Acetone	43	6.971	6.971	(0.721)	23783	10.0000	11.43
17	trans-1,2-Dichloroethene	96	7.177	7.177	(0.742)	277500	10.0000	9.428
18	n-Hexane	57	7.177	7.177	(0.742)	582755	10.0000	11.22
19	Methyl Acetate	74	7.121	7.121	(0.736)	20428	10.0000	9.313
20	MTBE	73	7.214	7.214	(0.746)	304776	10.0000	11.45
M 21	1,2-Dichloroethene (total)	96				530202	20.0000	19.41
22	Acetonitrile	41	7.562	7.562	(0.782)	35180	50.0000	56.36

2/02/08

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LCAL7556.D
Report Date: 02-Jan-2008 09:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	23 Acrylonitrile	53	7.906	7.906	(0.818)	134455	50.0000	59.41
	24 1,1-Dichloroethane	63	7.869	7.869	(0.814)	504597	10.0000	9.732
	25 2-Chloro-1,3-butadiene	53	7.839	7.839	(0.811)	405841	10.0000	9.719
	26 Vinyl acetate	43	8.079	8.079	(0.836)	179288	10.0000	13.66
	27 cis-1,2-Dichloroethene	96	8.456	8.456	(0.875)	252702	10.0000	9.979
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	414260	10.0000	9.582
	29 Bromochloromethane	128	8.700	8.700	(0.900)	59814	10.0000	10.18
	30 Cyclohexane	84	8.666	8.666	(0.896)	474185	10.0000	10.42
	31 Chloroform	83	8.703	8.703	(0.900)	395319	10.0000	9.310
	32 Ethyl acetate	43	8.752	8.752	(0.905)	28828	20.0000	23.71
	33 Carbon Tetrachloride	117	8.894	8.894	(0.920)	346825	10.0000	9.995
	34 Isobutanol	42	8.891	8.891	(0.919)	91398	200.000	231.2
	35 Tetrahydrofuran	71	8.894	8.894	(0.920)	36093	50.0000	61.15
$	36 Dibromofluoromethane	113	8.906	8.906	(0.921)	170782	10.0000	11.23
	37 1,1,1-Trichloroethane	97	8.932	8.932	(0.924)	390925	10.0000	9.365
	38 2-Butanone	43	8.962	8.962	(0.927)	34256	10.0000	16.53
	39 1,1-Dichloropropene	75	9.051	9.051	(0.936)	402870	10.0000	9.957
	40 Benzene	78	9.313	9.313	(0.963)	1170448	10.0000	9.862
	41 Propionitrile	54	9.272	9.272	(0.959)	42853	50.0000	59.28
	42 Methacrylonitrile	41	9.284	9.284	(0.960)	240836	50.0000	72.91
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.977)	123599	10.0000	10.33
	44 1,2-Dichloroethane	62	9.512	9.512	(0.984)	160836	10.0000	10.09
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	1025863	10.0000	
	46 n-Butanol	56	10.032	10.032	(1.038)	9816	100.000	117.9
	47 Methylcyclohexane	55	9.811	9.811	(1.015)	431477	10.0000	10.02
	48 Trichloroethene	130	9.849	9.849	(1.019)	288397	10.0000	10.03
	49 Dibromomethane	93	10.305	10.305	(1.066)	53551	10.0000	10.43
	50 1,2-Dichloropropane	63	10.320	10.320	(1.067)	234688	10.0000	10.43
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	224680	10.0000	10.41
M	52 Xylenes (total)	106				1595175	30.0000	28.25
	53 Methyl methacrylate	69	10.402	10.402	(1.076)	51772	10.0000	12.24
	54 1,4-Dioxane	88	10.552	10.552	(1.091)	19728	200.000	180.3(M)
	55 2-chloroethyl vinyl ether	63	10.799	10.799	(1.117)	18395	10.0000	6.612
	56 cis-1,3-Dichloropropene	75	10.930	10.930	(1.130)	239950	10.0000	10.76
$	57 Toluene-d8	98	11.084	11.084	(0.885)	948448	10.0000	9.895
	58 Toluene	91	11.136	11.136	(0.889)	1225795	10.0000	9.124
	59 2-Nitro-Propane	43	11.301	11.301	(0.902)	31188	10.0000	8.694
	60 4-Methyl-2-pentanone	43	11.360	11.360	(0.907)	69871	10.0000	12.25
	61 trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	162658	10.0000	10.17
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	207792	10.0000	9.288
	63 Ethyl methacrylate	69	11.506	11.506	(0.918)	109351	10.0000	9.643
	64 1,1,2-Trichloroethane	97	11.660	11.660	(0.931)	95975	10.0000	9.676
	65 Chlorodibromomethane	129	11.888	11.888	(0.949)	100662	10.0000	10.56
	66 1,3-Dichloropropane	76	11.911	11.911	(0.951)	185978	10.0000	10.18
	67 1,2-Dibromoethane	107	12.150	12.150	(0.970)	67955	10.0000	9.636
	68 2-Hexanone	43	12.116	12.116	(0.967)	33338	10.0000	9.925
	69 Ethylbenzene	106	12.502	12.502	(0.998)	438483	10.0000	9.089
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	641041	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	667488	10.0000	9.708
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	186639	10.0000	10.14
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1132589	20.0000	18.60
	74 o-Xylene	106	13.033	13.033	(1.040)	462586	10.0000	9.647
	75 Styrene	104	13.089	13.089	(1.045)	637798	10.0000	9.107
	76 Bromoform	173	13.254	13.254	(0.900)	43464	10.0000	11.03

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LCAL7556.D
Report Date: 02-Jan-2008 09:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	77 Isopropylbenzene	105	13.291	13.291	(0.903)	1186821	10.0000	8.579
$	78 4-Bromofluorobenzene	95	13.643	13.643	(0.927)	227642	10.0000	9.457
	79 n-Propylbenzene	91	13.681	13.681	(0.929)	1680928	10.0000	8.725
	80 Bromobenzene	156	13.785	13.785	(0.936)	192614	10.0000	9.834
	81 1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	97301	10.0000	9.781
	82 1,3,5-Trimethylbenzene	105	13.834	13.834	(0.940)	1037649	10.0000	8.856
	83 2-Chlorotoluene	91	13.909	13.909	(0.945)	821035	10.0000	8.929
	84 1,2,3-Trichloropropane	110	13.931	13.931	(0.946)	26334	10.0000	10.24
	85 trans-1,4-dichloro-2-butene	53	13.939	13.939	(0.947)	22776	10.0000	9.737
	86 4-Chlorotoluene	91	14.047	14.047	(0.954)	770149	10.0000	8.965
	87 Cyclohexanone	55	14.006	14.006	(0.951)	35566	100.000	207.1
	88 t-Butylbenzene	119	14.160	14.160	(0.962)	928789	10.0000	8.870
	89 Pentachloroethane	167	14.279	14.279	(0.970)	108516	10.0000	11.20
	90 1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1037370	10.0000	9.131
	91 sec-Butylbenzene	105	14.328	14.328	(0.973)	1506044	10.0000	8.763
	92 4-Isopropyltoluene	119	14.437	14.437	(0.981)	1191696	10.0000	9.134
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	425684	10.0000	9.437
*	94 1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	244965	10.0000	
	95 1,4-Dichlorobenzene	146	14.743	14.743	(1.002)	418449	10.0000	9.407
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	1258766	10.0000	9.062
	98 1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	325803	10.0000	9.763
	99 1,2-Dibromo-3-chloropropane	157	15.978	15.978	(1.085)	11469	10.0000	10.81(M)
	100 Hexachlorobutadiene	225	16.558	16.558	(1.125)	124983	10.0000	9.525
	101 1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	182498	10.0000	12.12
	102 Naphthalene	128	17.075	17.075	(1.160)	204707	10.0000	11.78
	103 1,2,3-Trichlorobenzene	180	17.292	17.292	(1.175)	111380	10.0000	13.22
	143 Nonanal	57	15.746	15.746	(1.629)	57562	10.0000	7.367

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LCAL7556.D
Report Date: 02-Jan-2008 09:37

TestAmerica St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

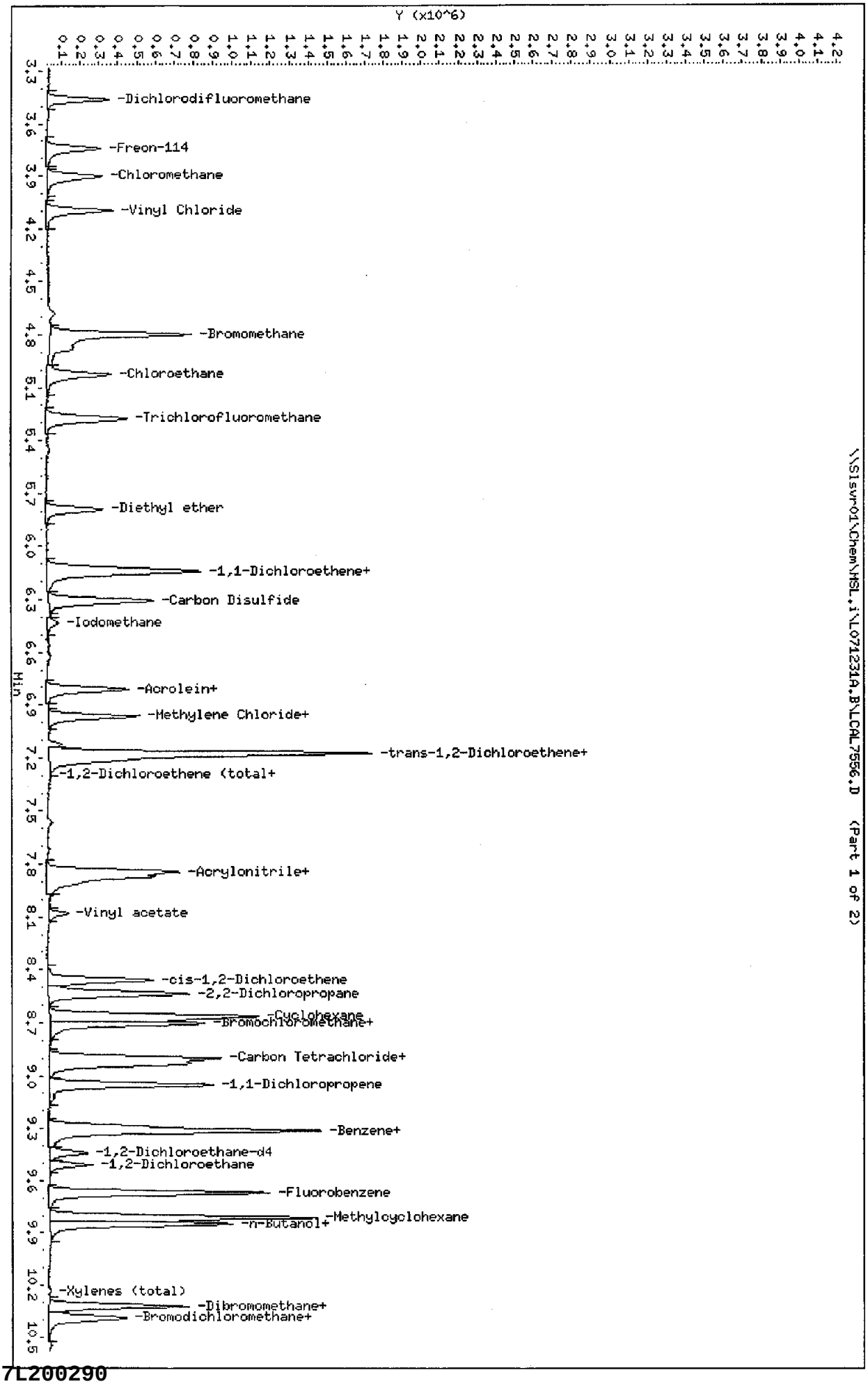
Instrument ID: MSL.i
Lab File ID: LCAL7556.D
Lab Smp Id: VSTD10
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m
Misc Info: VBLKL365A;

Calibration Date: 17-DEC-2007
Calibration Time: 14:58
Client Smp ID: VSTD10
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	983948	491974	1967896	1025863	4.26
70 Chlorobenzene-d5	563731	281866	1127462	641041	13.71
94 1,4 Dichlorobenze	211084	105542	422168	244965	16.05

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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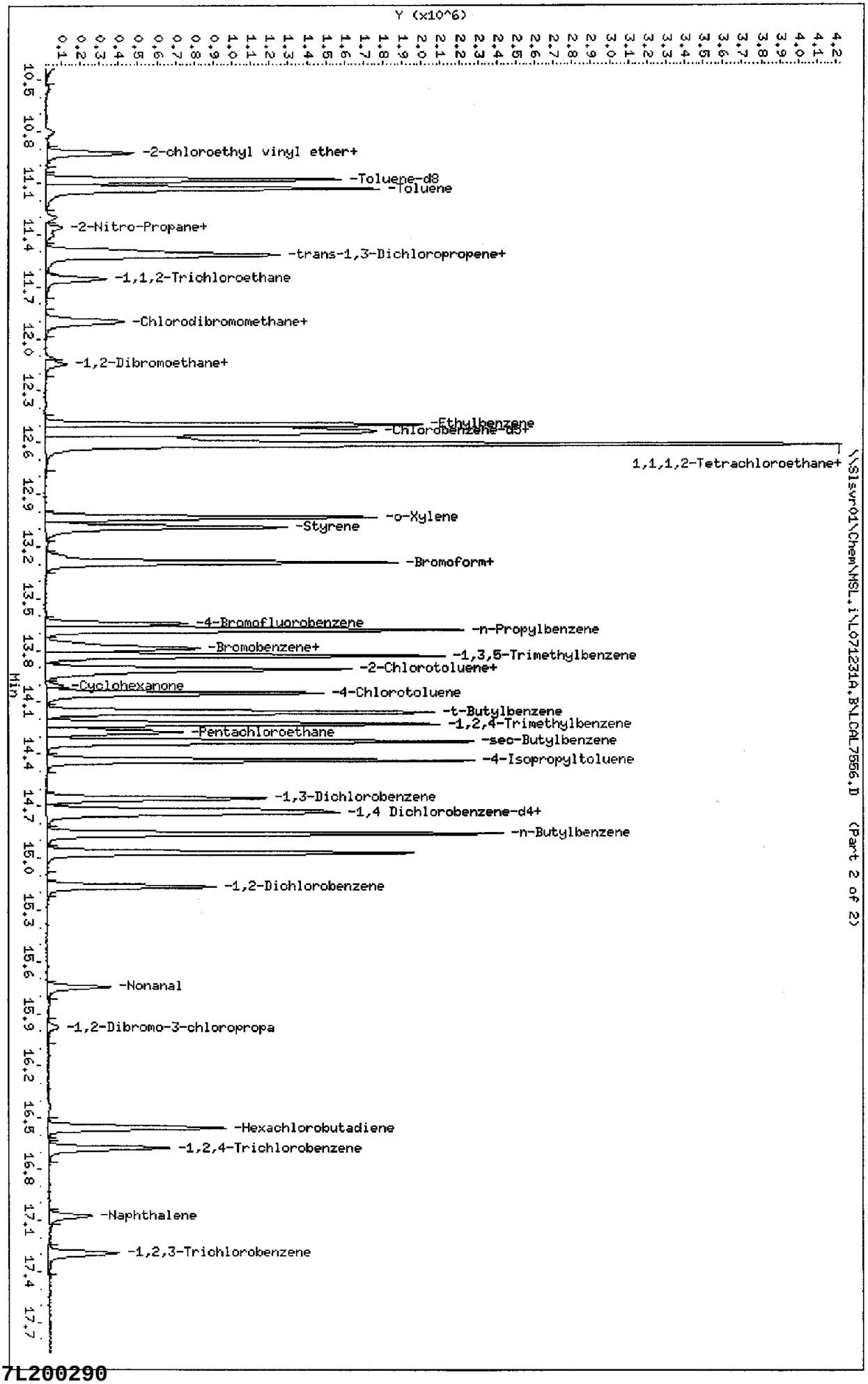
Date : 31-DEC-2007 12:11
Client ID: VSTD10
Sample Info: VSTD10;L071231A,B
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL,i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
\\Slsvr01\Chem\MSL,i\L071231A,B\LCAL7556.D (Part 1 of 2)
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Acrolein+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-n-Butanol+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+

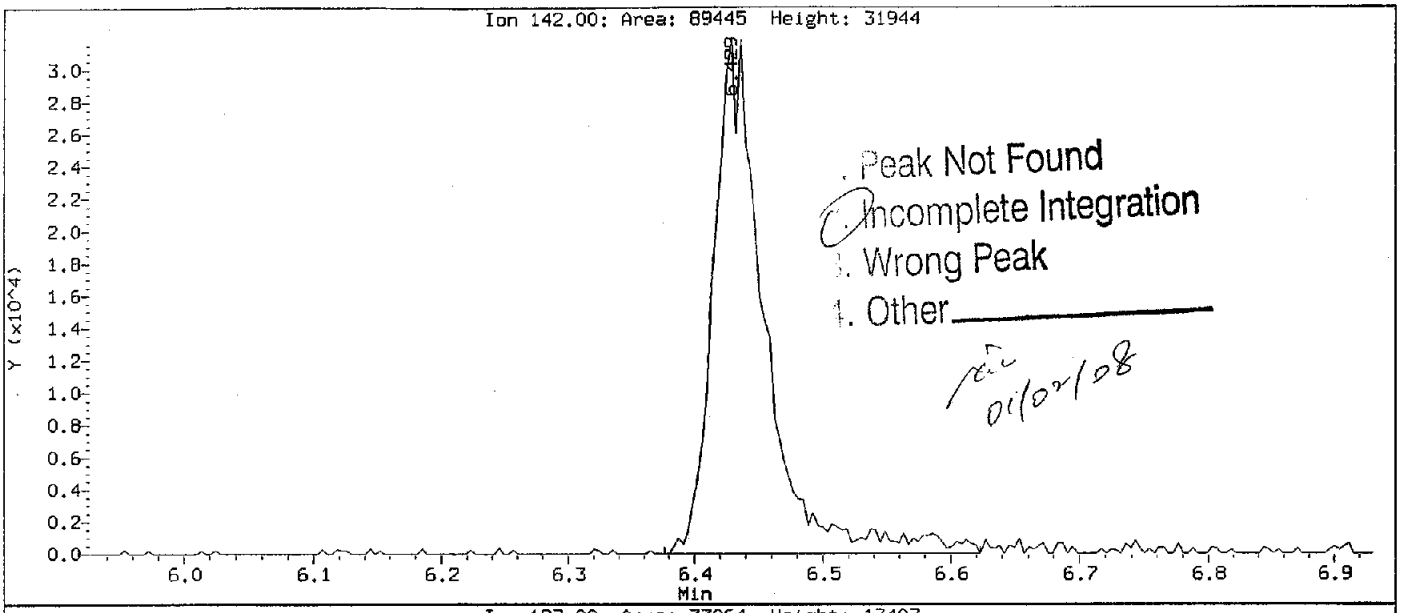


Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LCAL7556.D
Date : 31-DEC-2007 12:11
Client ID: VSTD10
Sample Info: VSTD10:L071231A.B
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LCAL7556.D
Injection Date: 31-DEC-2007 12:11
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: Iodomethane
CAS Number: 74-88-4



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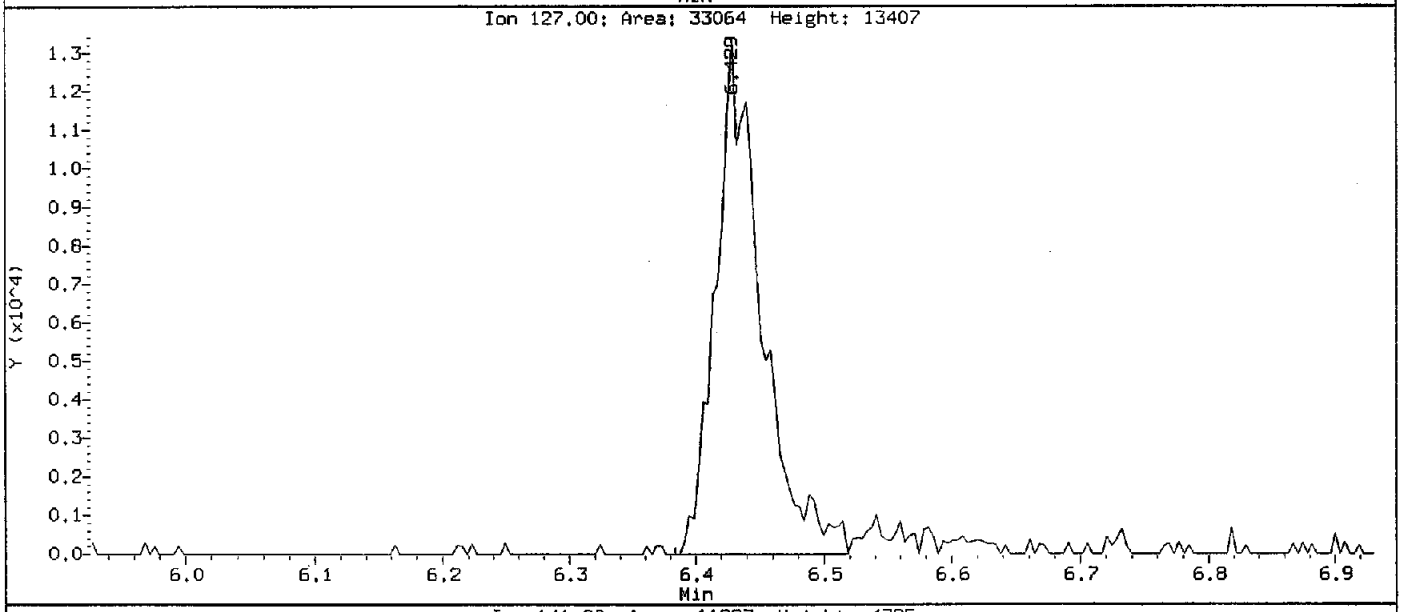
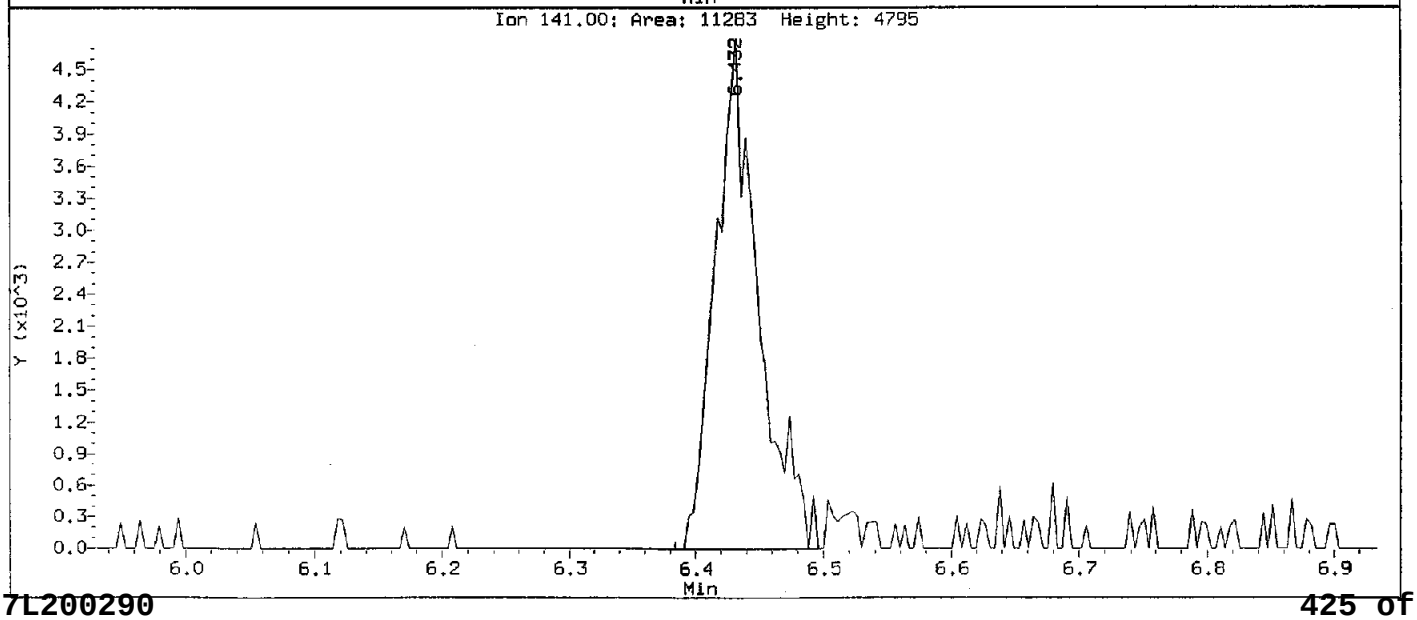
. Incomplete Integration
. Wrong Peak
. Other _____

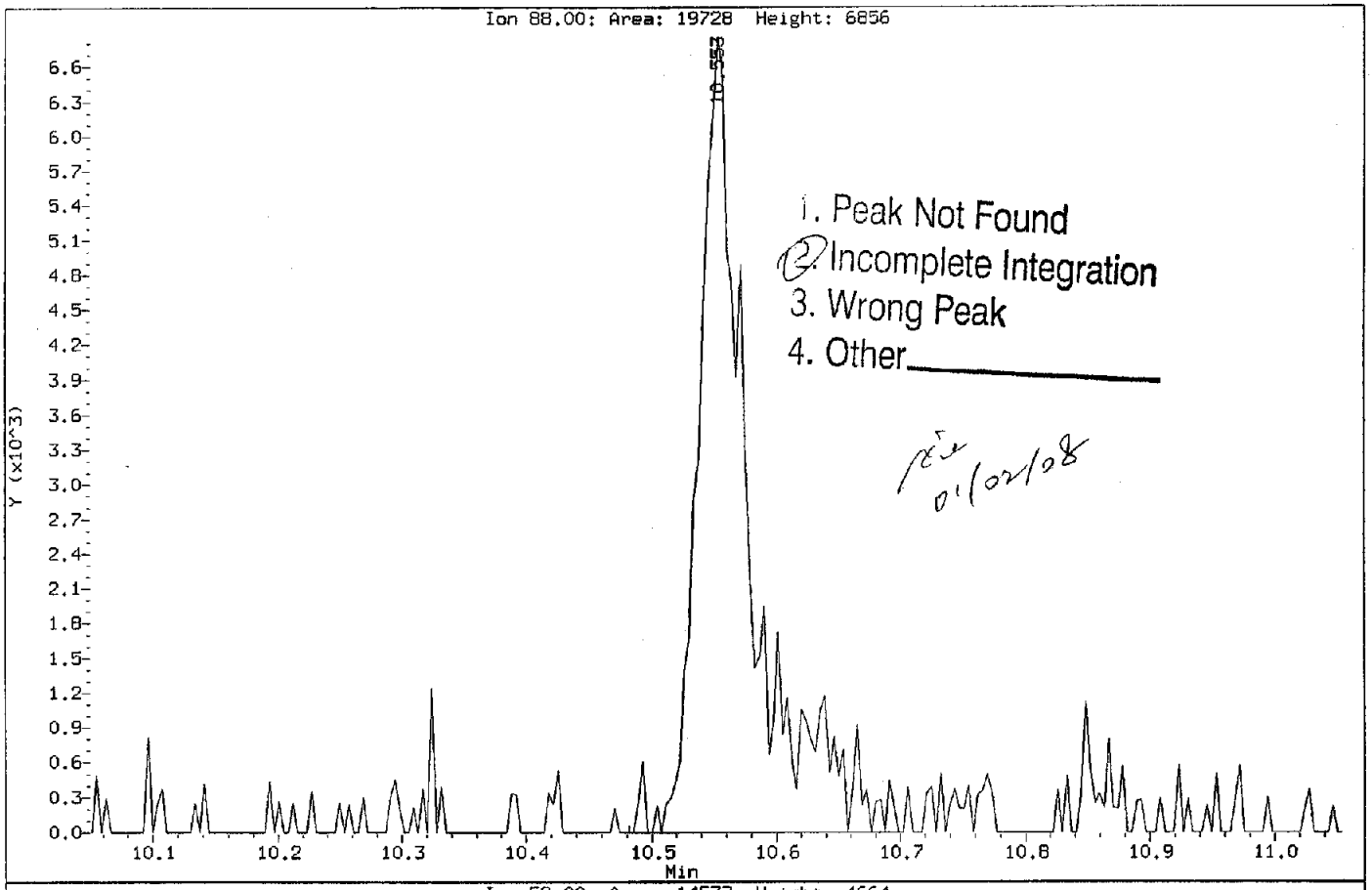
01/02/08

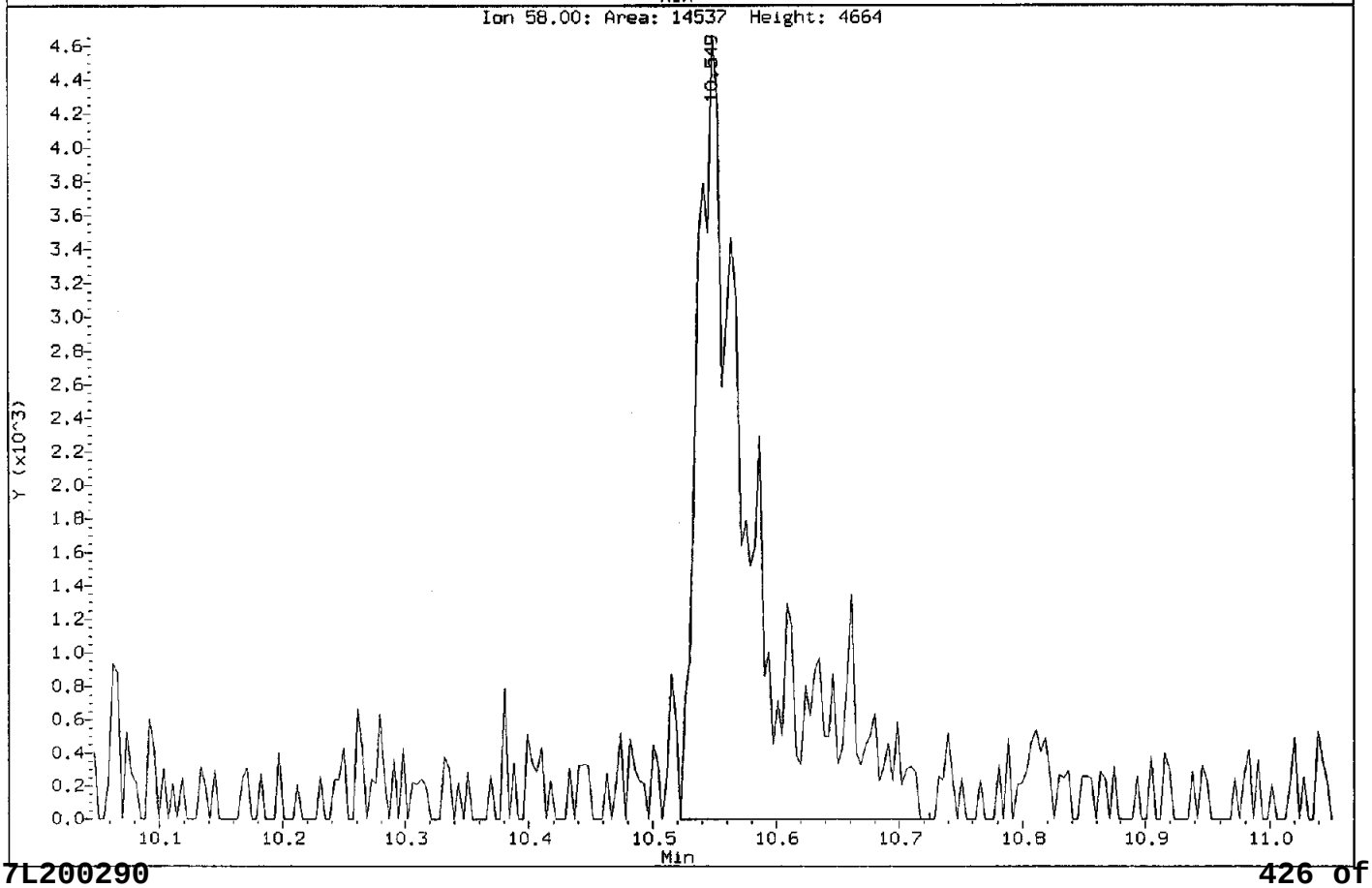




Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LCAL7556.D
Injection Date: 31-DEC-2007 12:11
Instrument: MSL.i
Client Sample ID: VSTD10

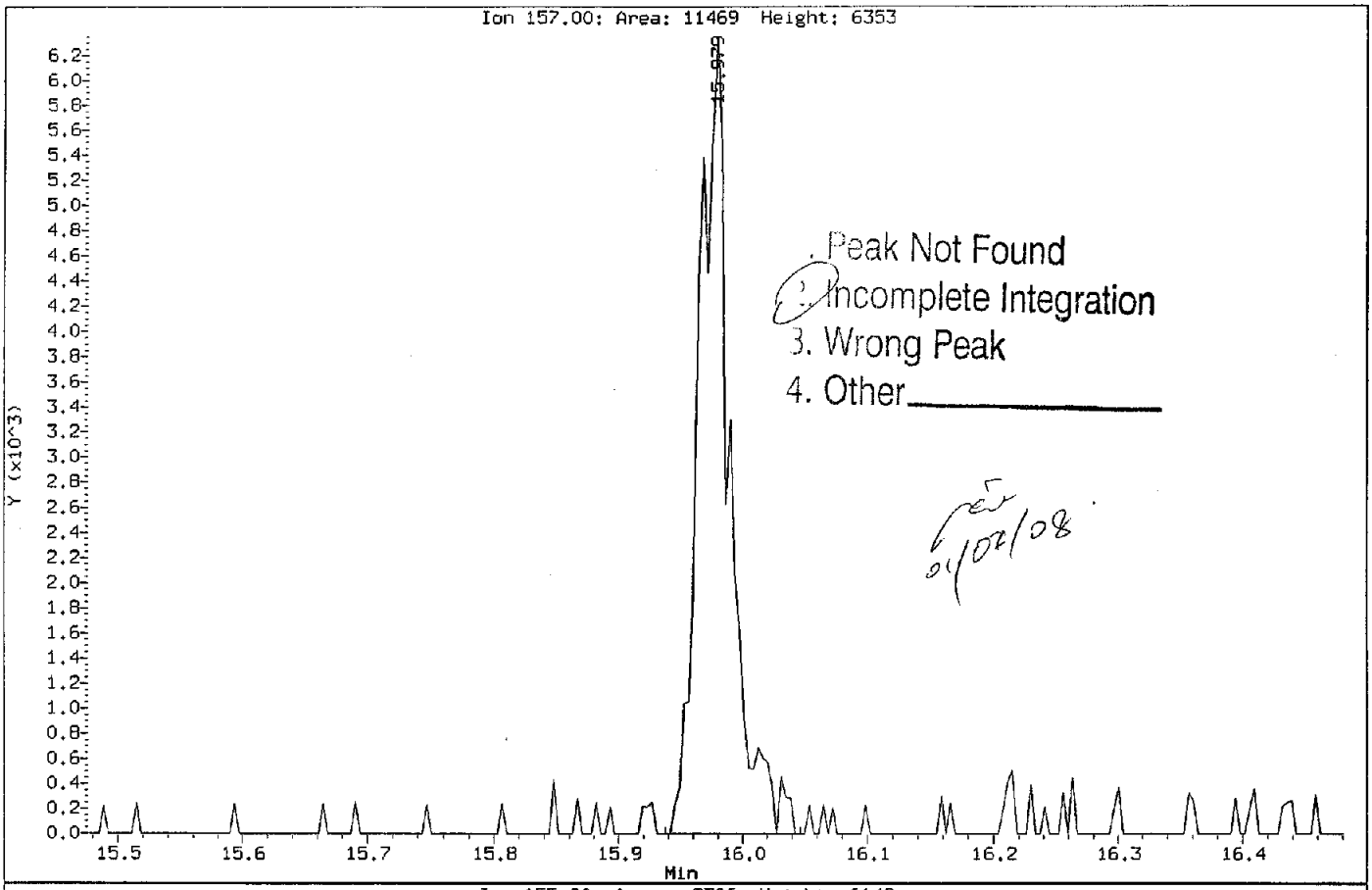
Compound: 1,4-Dioxane
CAS Number: 123-91-1

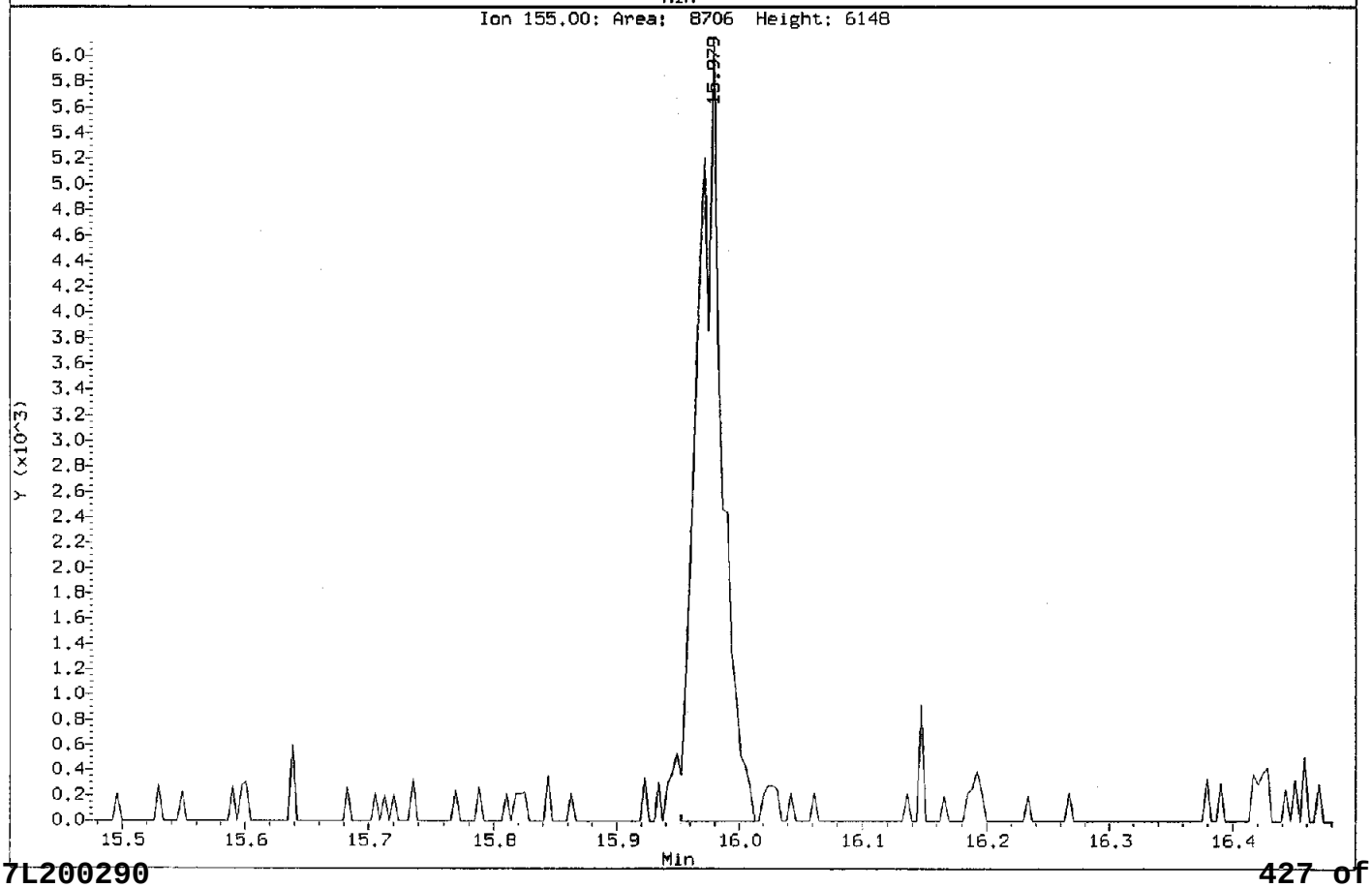




Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LCAL7556.D
Injection Date: 31-DEC-2007 12:11
Instrument: MSL.i
Client Sample ID: VSTD10

Compound: 1,2-Dibromo-3-chloropropane
CAS Number: 96-12-8





GC/MS RAW SAMPLE DATA

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D
Report Date: 26-Dec-2007 11:16

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D
Lab Smp Id: KEKNX1AA Client Smp ID: M-5A
Inj Date : 24-DEC-2007 18:03
Operator : XIA Inst ID: MSL.i
Smp Info : KEKNX1AA
Misc Info : VBLKL358A;F7L200290-001;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	6 Chloroethane	64	5.032	5.032	(0.520)	18398	0.70476	0.7048(M)
	8 Diethyl ether	59	5.788	5.792	(0.598)	15559497	2108.75	2109(A)
	9 1,1-Dichloroethene	96	6.151	6.147	(0.636)	9097	0.43491	0.4349(M)
	11 Carbon Disulfide	76	6.308	6.305	(0.652)	39115	0.56908	0.5691(M)
	24 1,1-Dichloroethane	63	7.873	7.869	(0.814)	2372357	53.5421	53.54(A)
	30 Cyclohexane	84	8.673	8.666	(0.897)	123689	3.18194	3.182(M)
	31 Chloroform	83	8.707	8.707	(0.900)	33356	0.91926	0.9193
$	36 Dibromofluoromethane	113	8.909	8.905	(0.921)	142218	10.9427	10.94
	40 Benzene	78	9.313	9.313	(0.963)	3975737	39.1995	39.20
$	43 1,2-Dichloroethane-d4	65	9.448	9.441	(0.977)	119244	11.6672	11.67
	44 1,2-Dichloroethane	62	9.512	9.512	(0.983)	561140	41.2049	41.20(A)
*	45 Fluorobenzene	96	9.673	9.669	(1.000)	876647	10.0000	
	48 Trichloroethene	130	9.856	9.852	(1.019)	112065	4.56201	4.562
$	57 Toluene-d8	98	11.087	11.083	(0.884)	864258	4.99795	4.998(aR)
*	70 Chlorobenzene-d5	117	12.539	12.528	(1.000)	1156543	10.0000	
	71 Chlorobenzene	112	12.532	12.547	(0.999)	47307336	381.384	381.4(A)
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	257058	8.73240	8.732
	93 1,3-Dichlorobenzene	146	14.661	14.657	(0.996)	43554	0.78958	0.7896
*	94 1,4 Dichlorobenzene-d4	152	14.721	14.725	(1.000)	299567	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	3041811	55.9204	55.92(A)
	98 1,2-Dichlorobenzene	146	15.163	15.166	(1.030)	1584480	38.8264	38.83

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D
Report Date: 26-Dec-2007 11:16

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D
Report Date: 26-Dec-2007 11:16

STL St. Louis

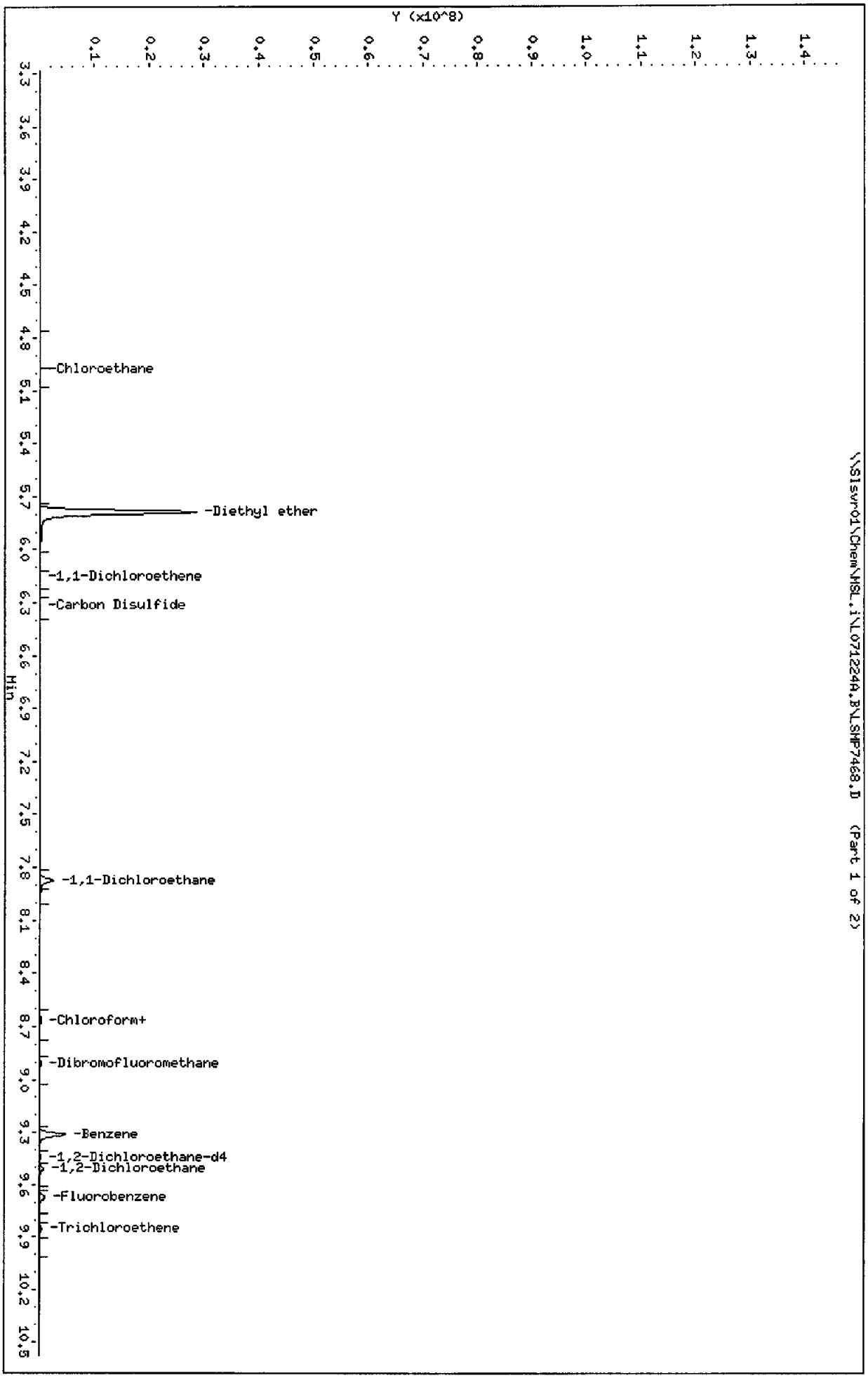
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

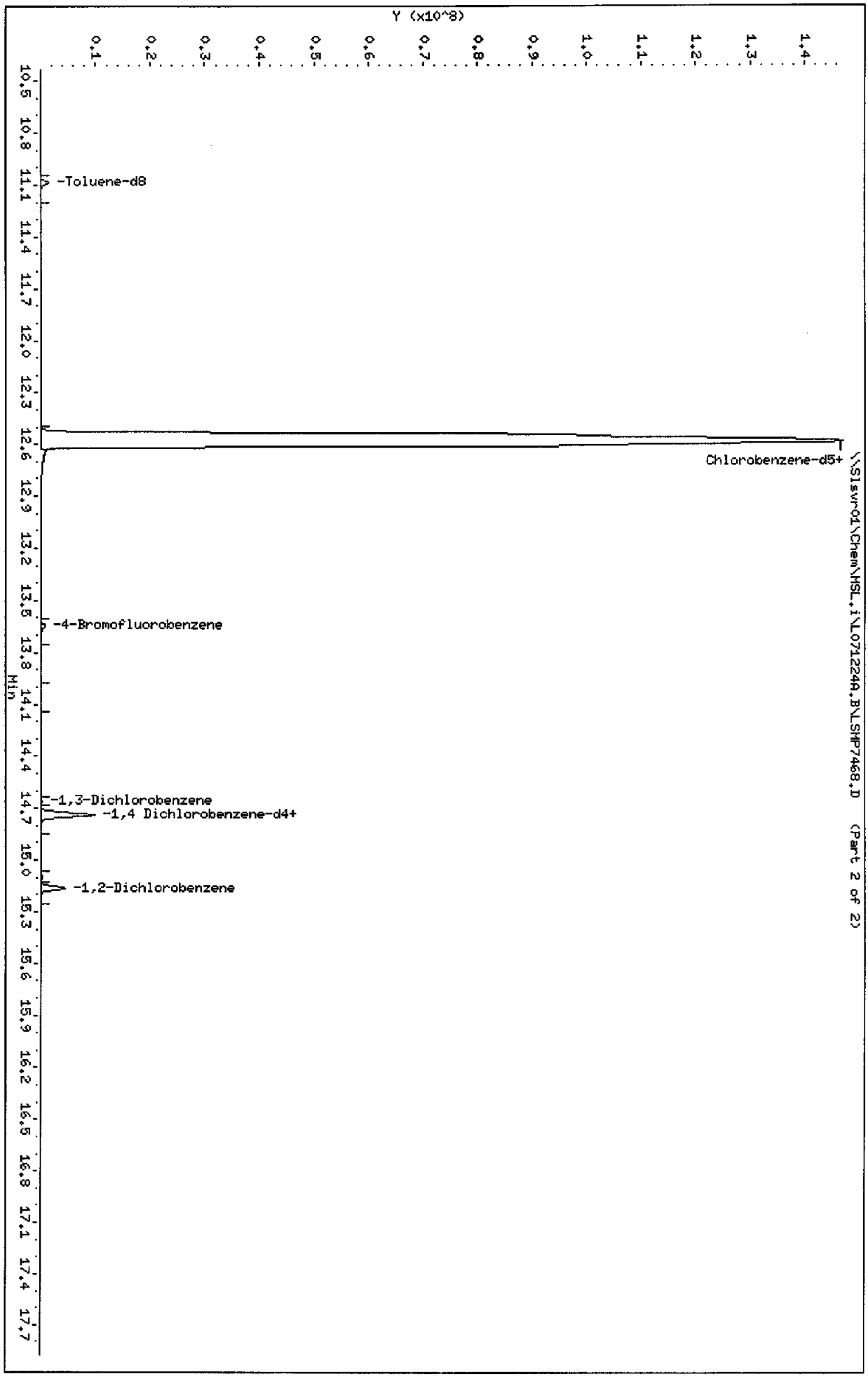
Instrument ID: MSL.i
Lab File ID: LSMP7468.D
Lab Smp Id: KEKNX1AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: M-5A
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L200290-001;7360149;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	876647	-27.14
70 Chlorobenzene-d5	752404	376202	1504808	1156543	53.71
94 1,4 Dichlorobenze	317211	158606	634422	299567	-5.56

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.54	0.09
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D
Date : 24-DEC-2007 18:03
Client ID: M-5A
Sample Info: KEKNX1AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D (Part 1 of 2)
Y (x10^8)
Min
Chloroethane
-Diethyl ether
-1,1-Dichloroethene
-Carbon Disulfide
-1,1-Dichloroethane
-Chloroform+
-Dibromofluoromethane
-Benzene
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Trichloroethene


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D
Date : 24-DEC-2007 18:03
Client ID: M-5A
Sample Info: KEKNX1AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^8)
-Toluene-d8
Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-1,2-Dichlorobenzene
\\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

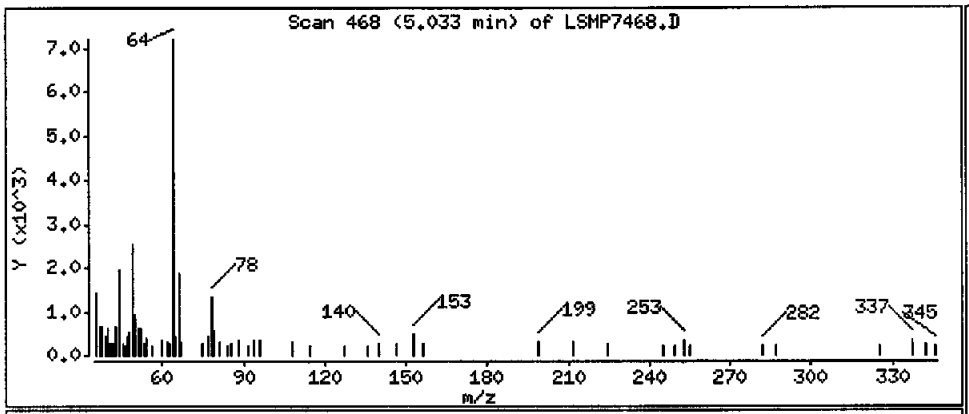
Operator: XIA

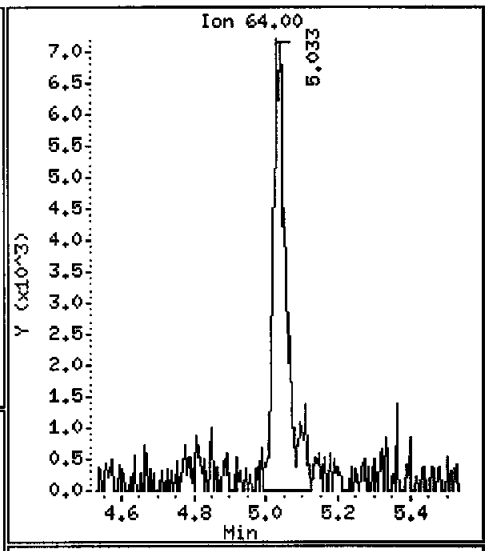
Column phase: RTX-502.2

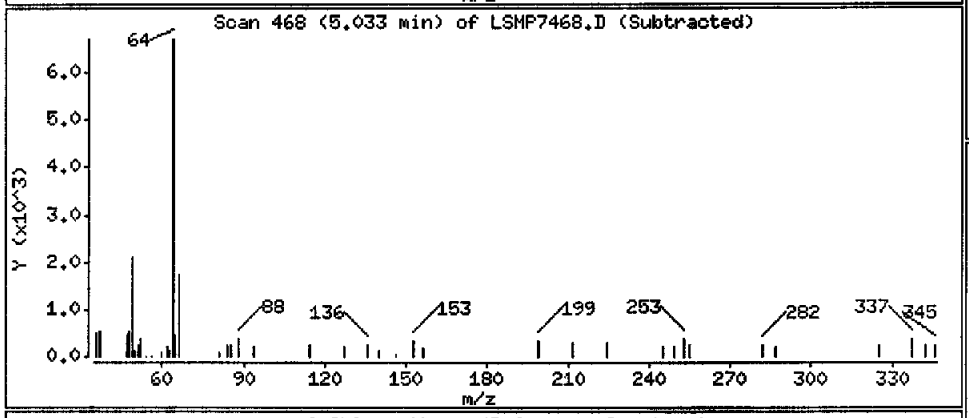
Column diameter: 0.25

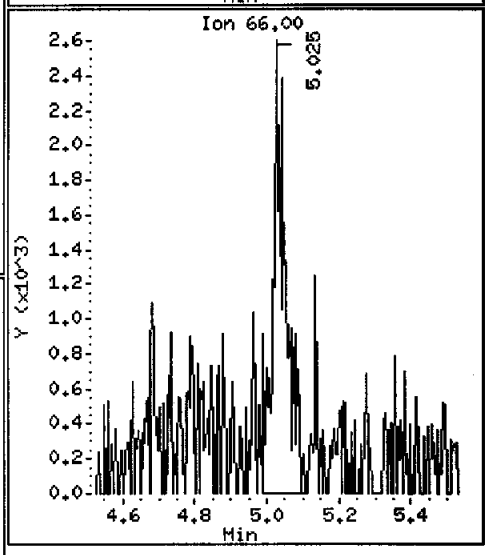
6 Chloroethane

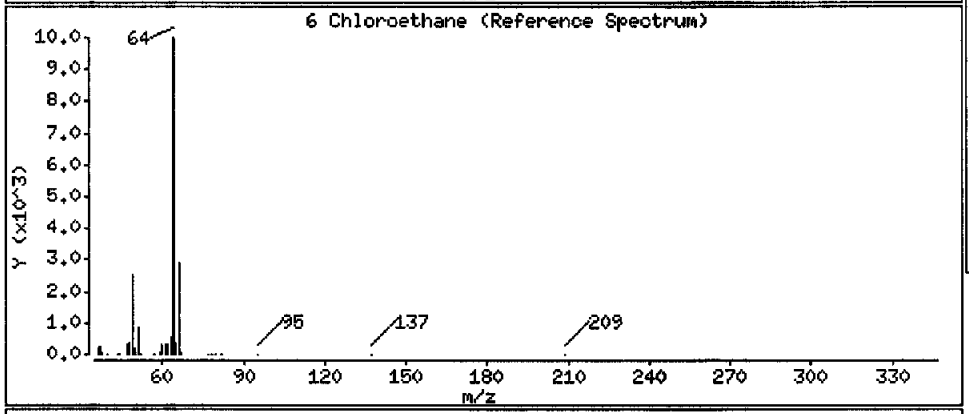
Concentration: 0.7048 ug/L

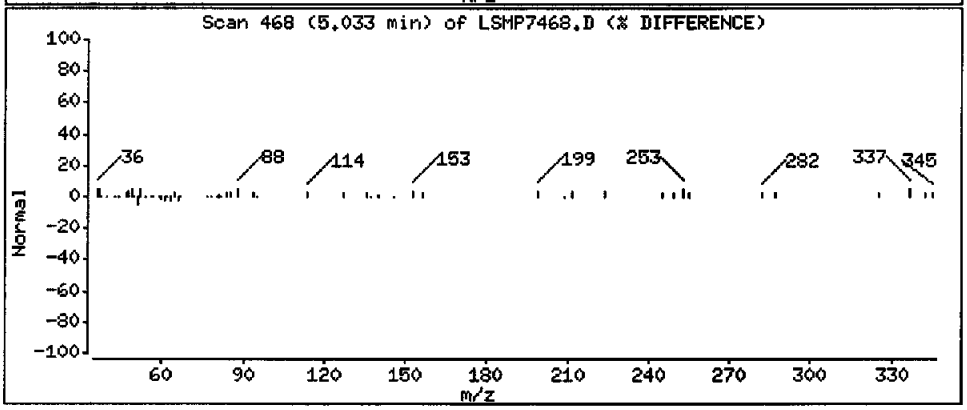












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

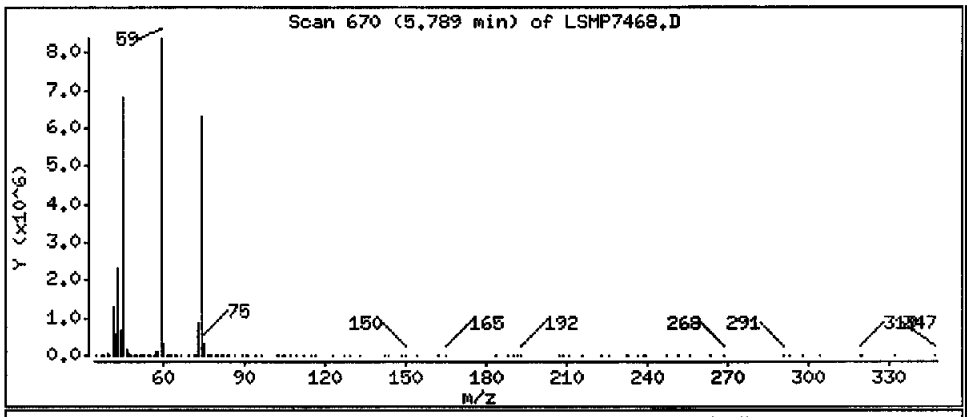
Operator: XIA

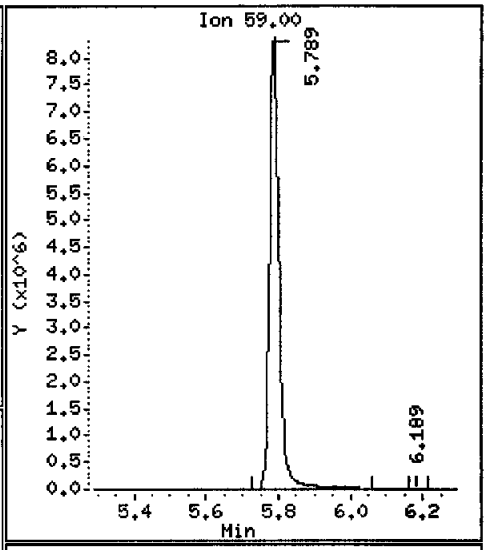
Column phase: RTX-502.2

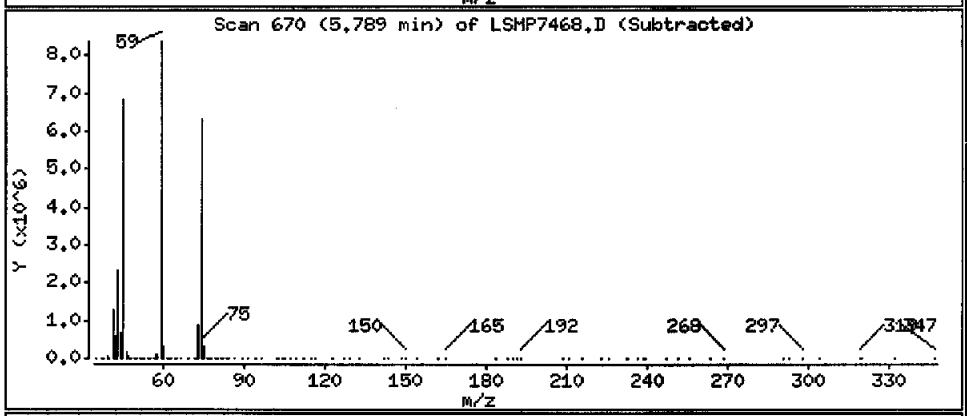
Column diameter: 0.25

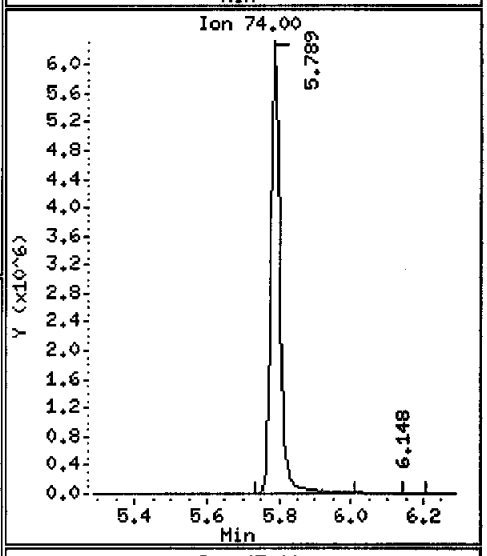
8 Diethyl ether

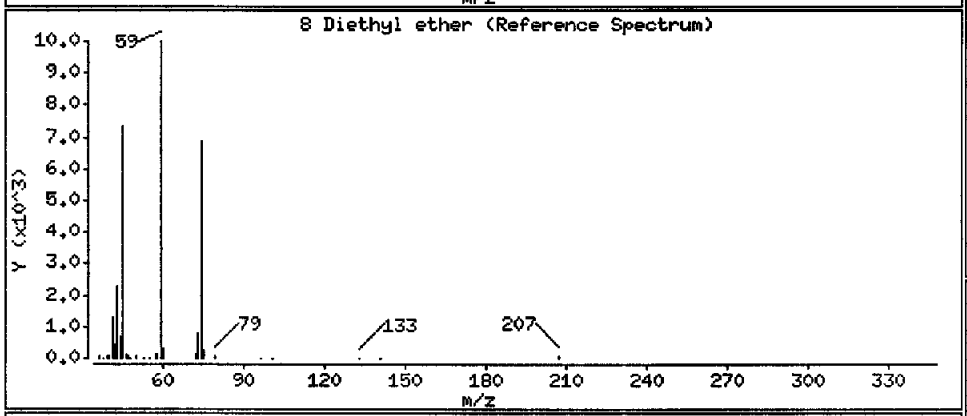
Concentration: 2109 ug/L

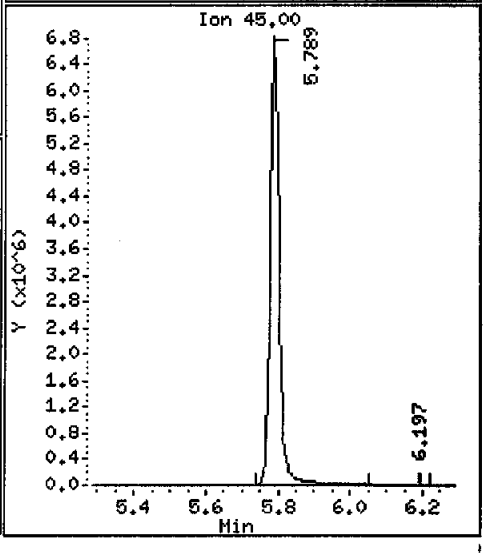


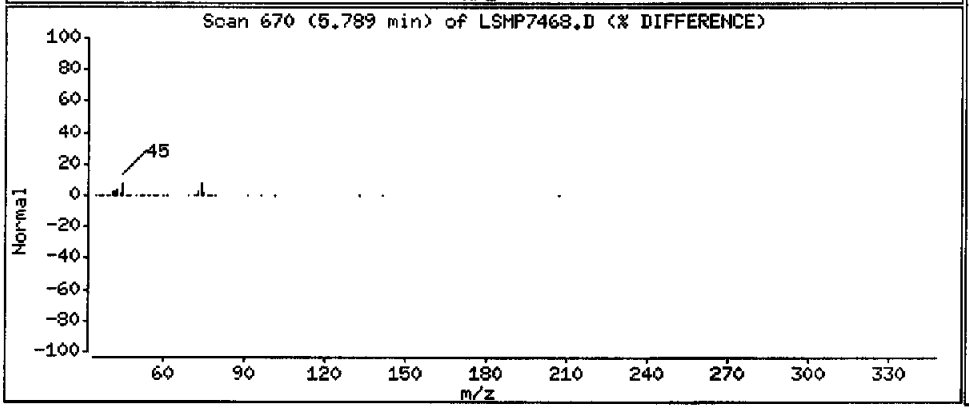












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

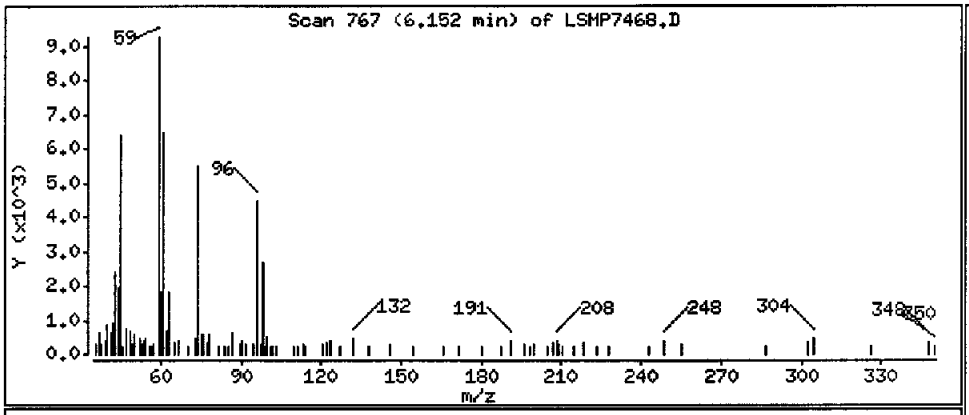
Operator: XIA

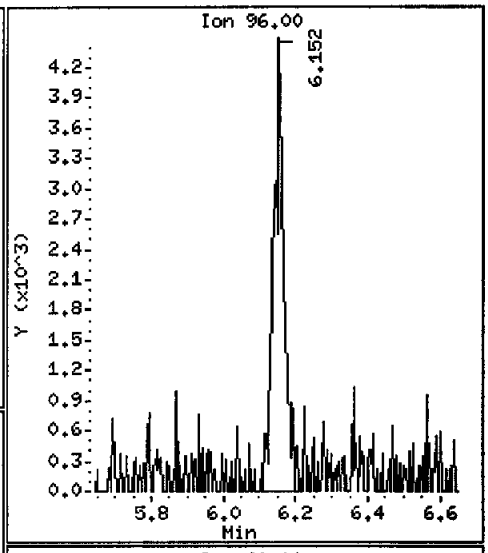
Column phase: RTX-502.2

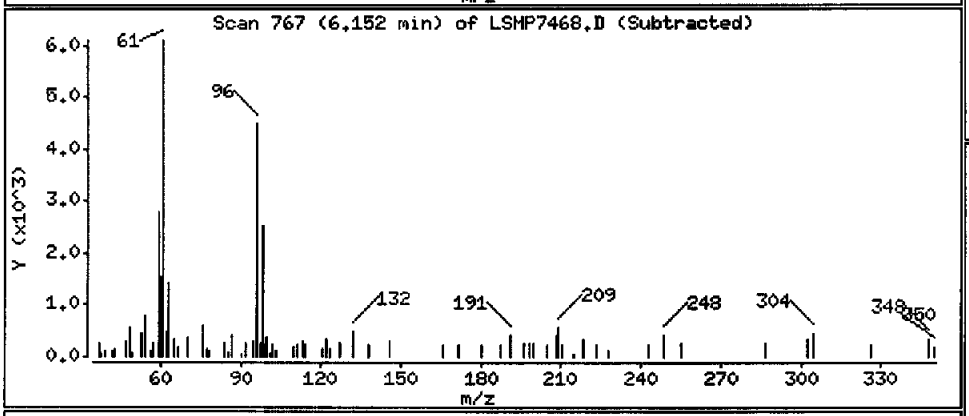
Column diameter: 0.25

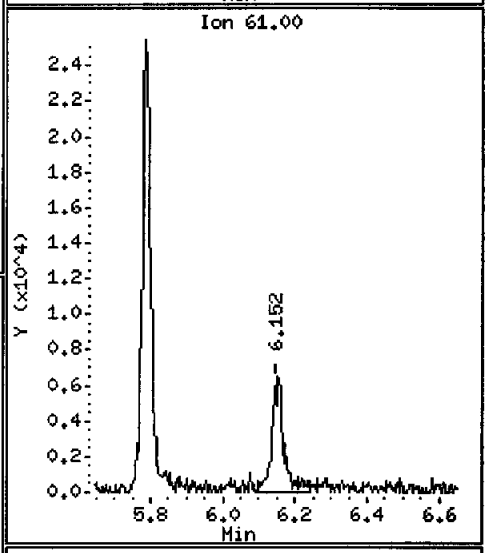
9 1,1-Dichloroethene

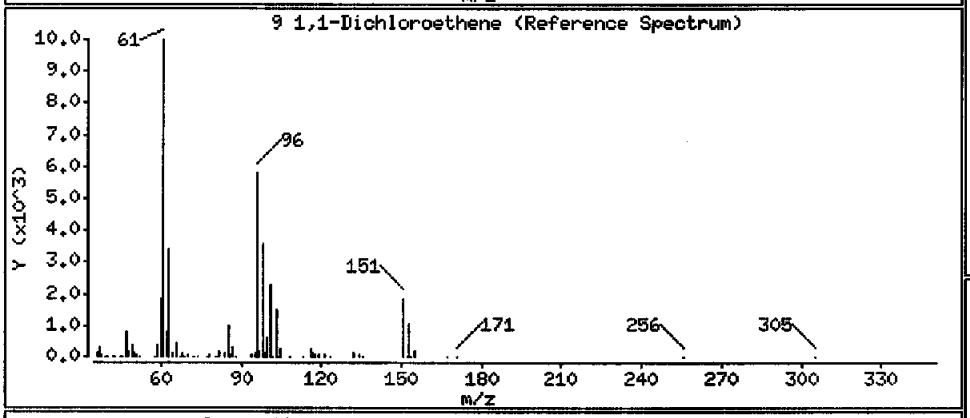
Concentration: 0.4349 ug/L

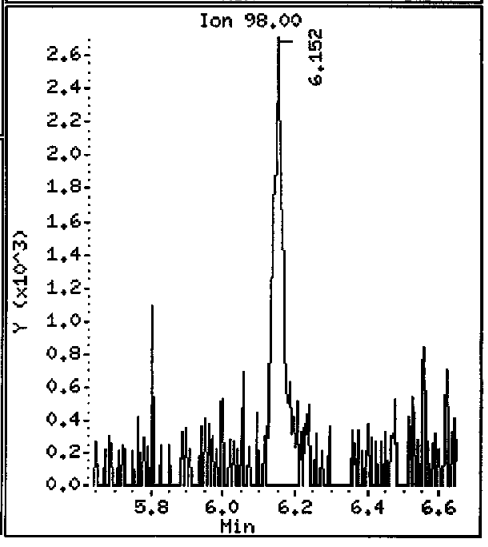


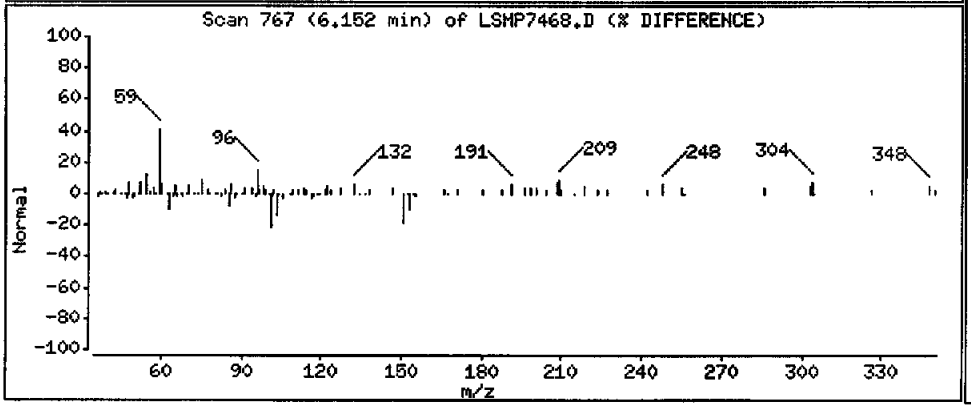












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

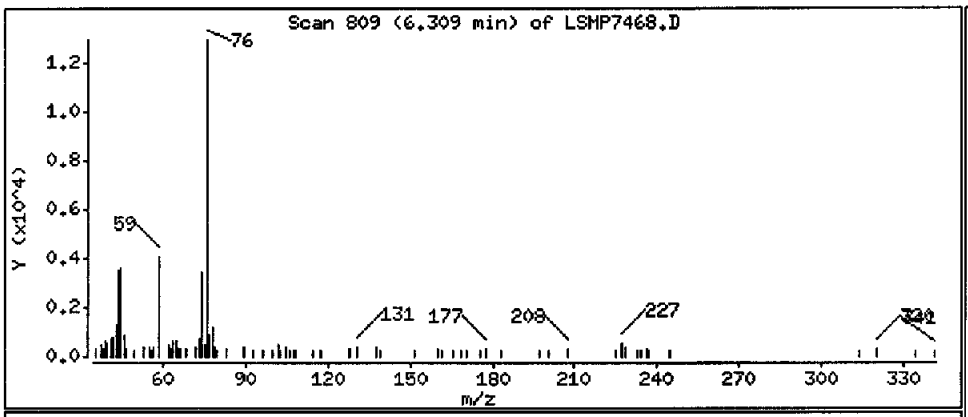
Operator: XIA

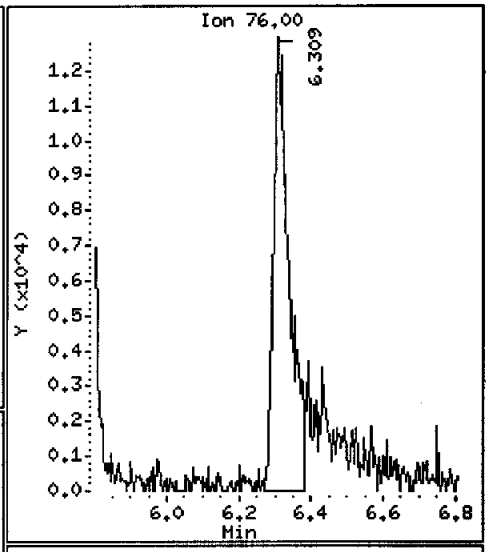
Column phase: RTX-502.2

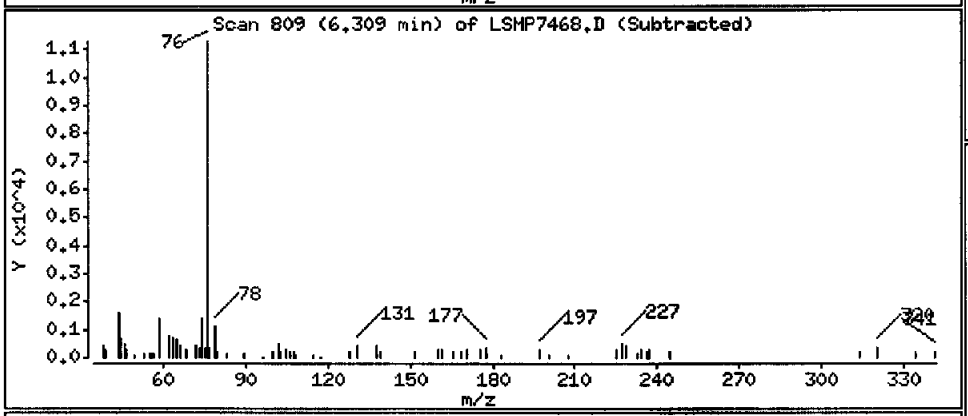
Column diameter: 0.25

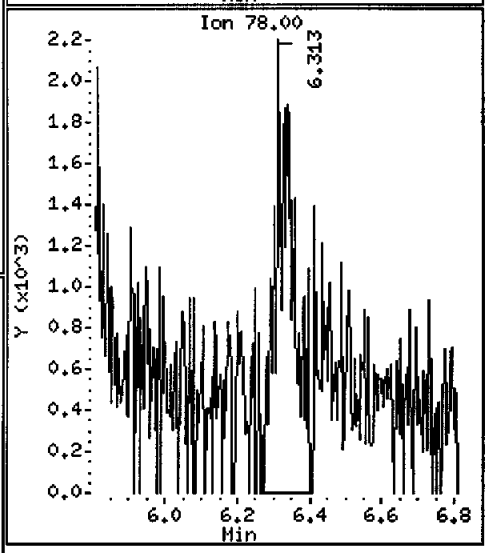
11 Carbon Disulfide

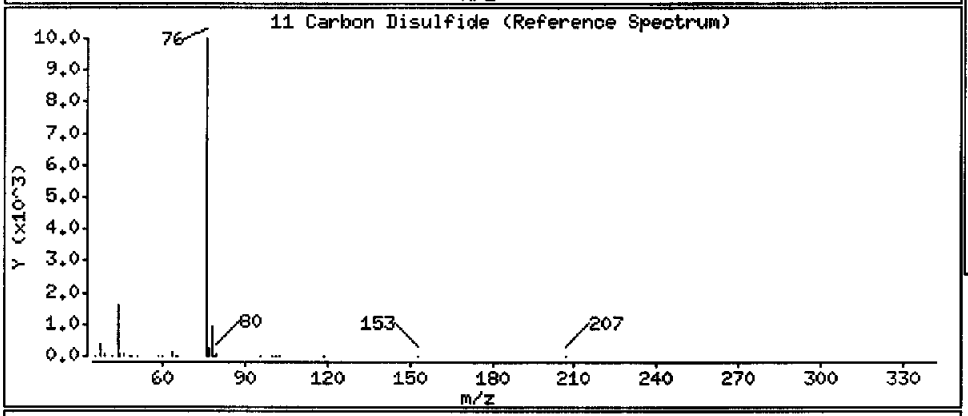
Concentration: 0.5691 ug/L

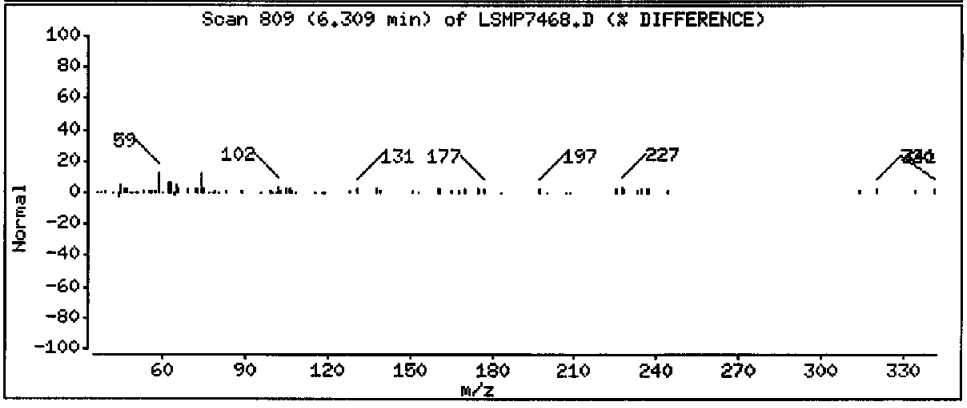












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

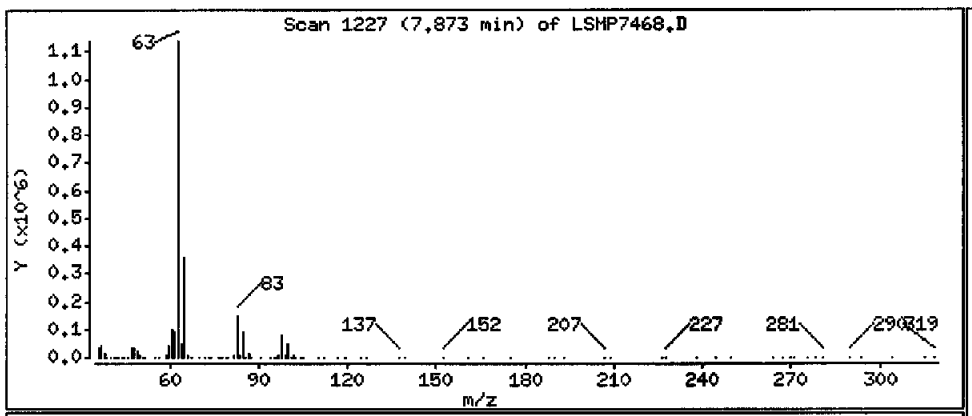
Operator: XIA

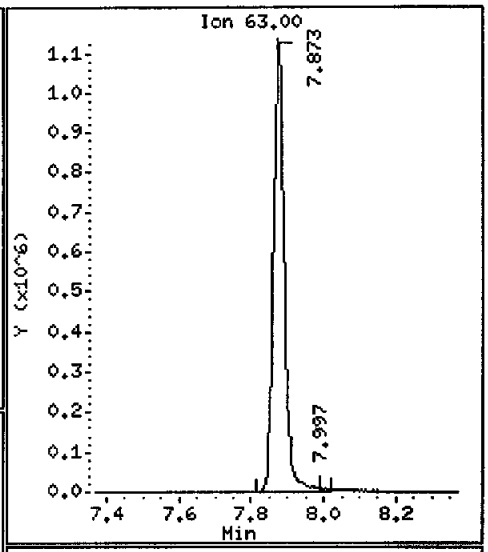
Column phase: RTX-502.2

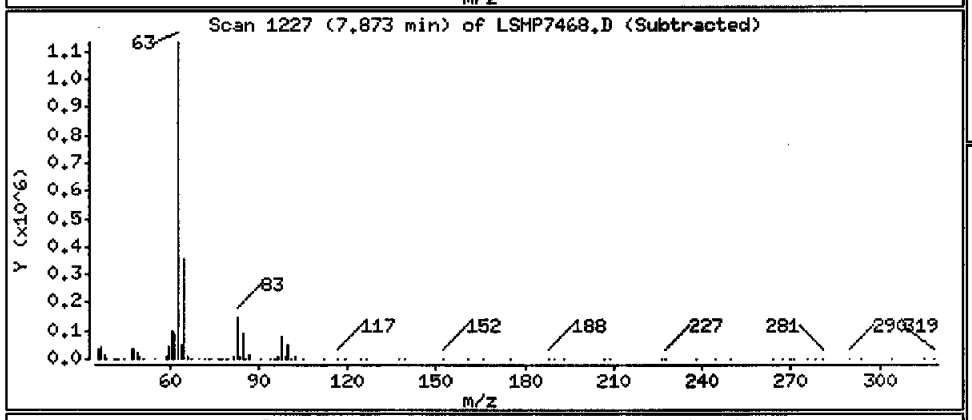
Column diameter: 0.25

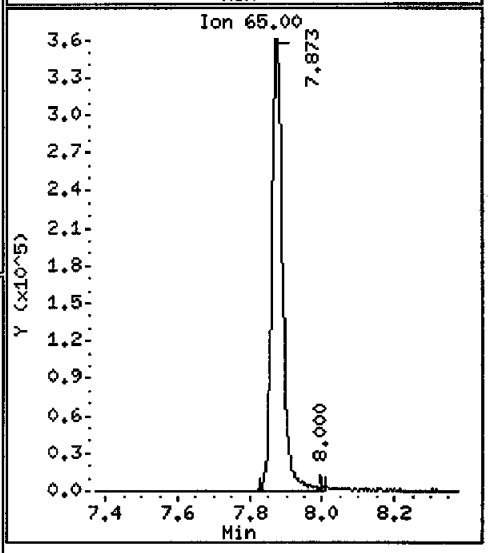
24 1,1-Dichloroethane

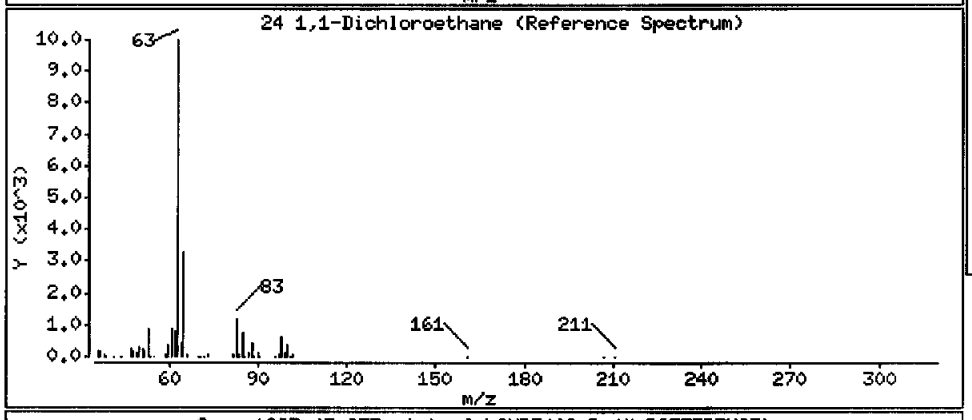
Concentration: 53.54 ug/L

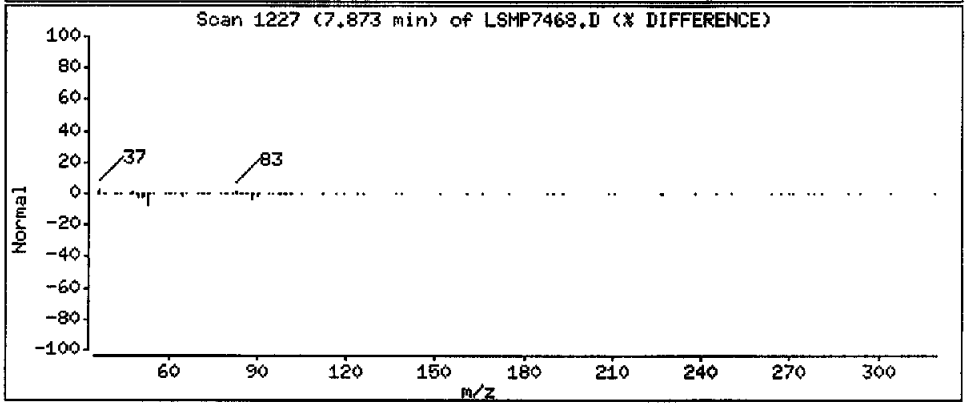












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

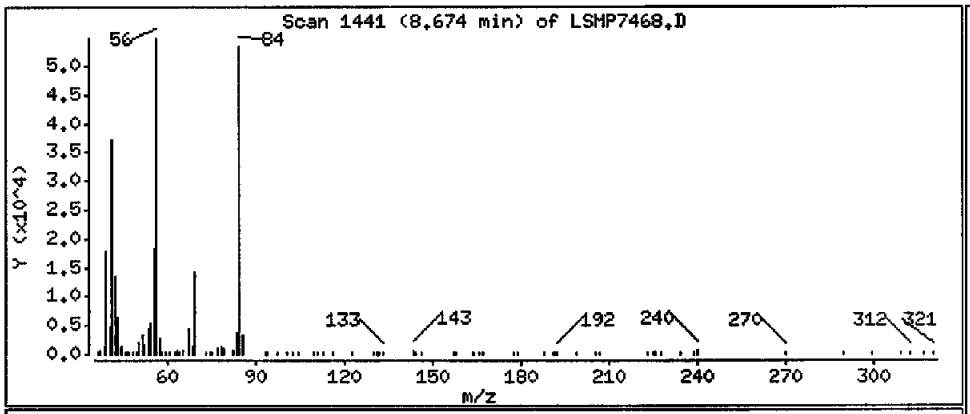
Operator: XIA

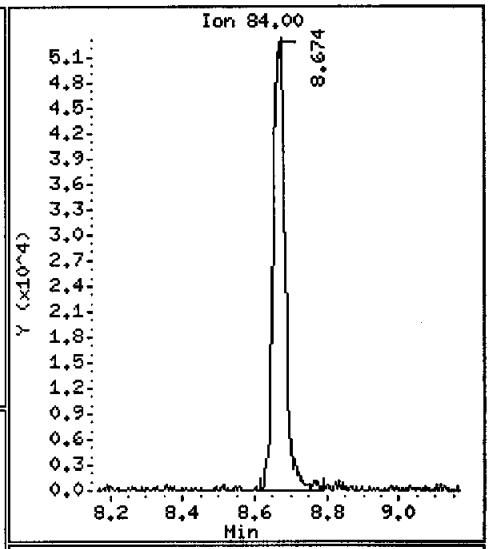
Column phase: RTX-502.2

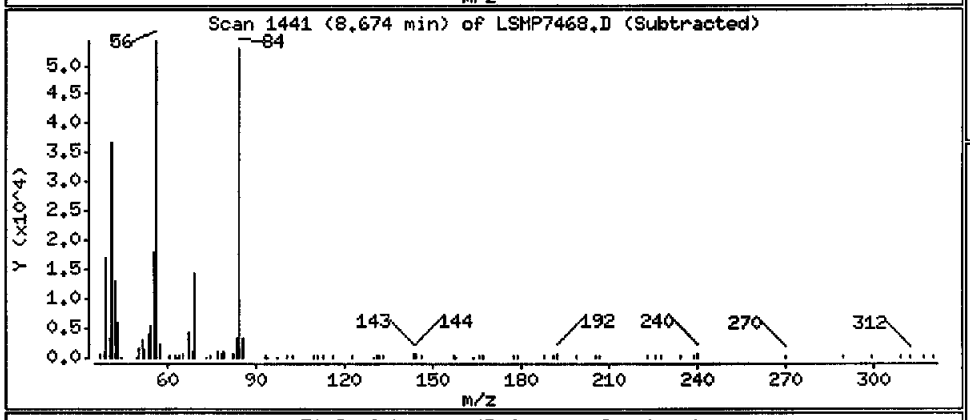
Column diameter: 0.25

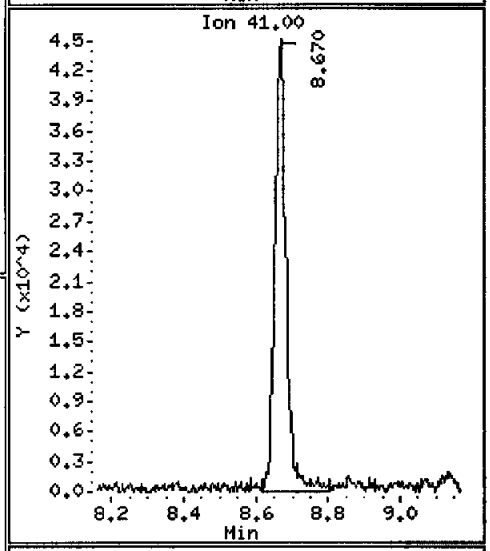
30 Cyclohexane

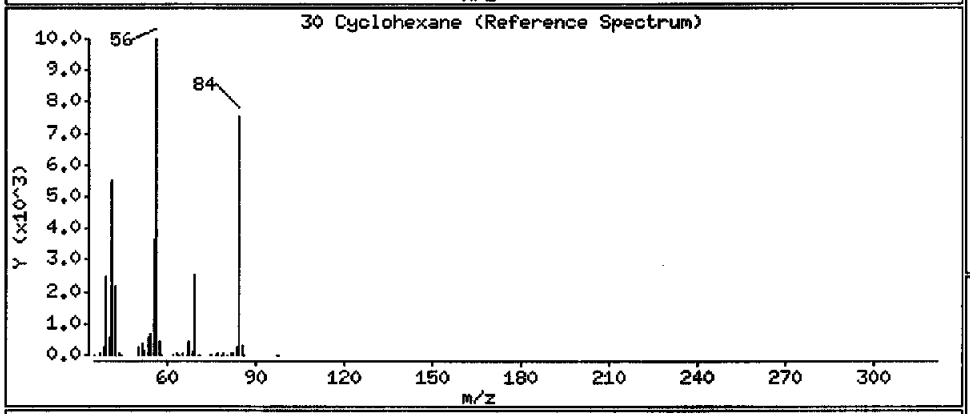
Concentration: 3.182 ug/L

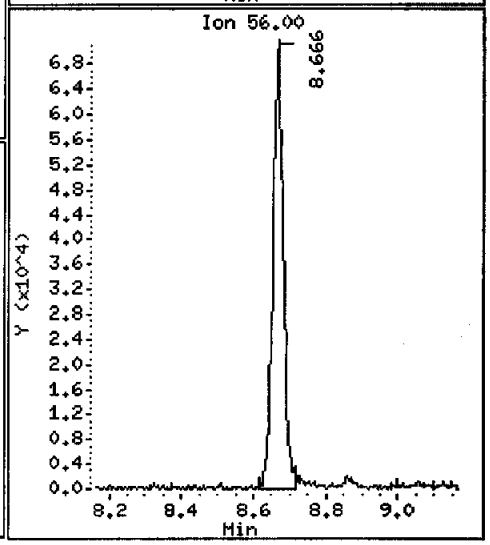


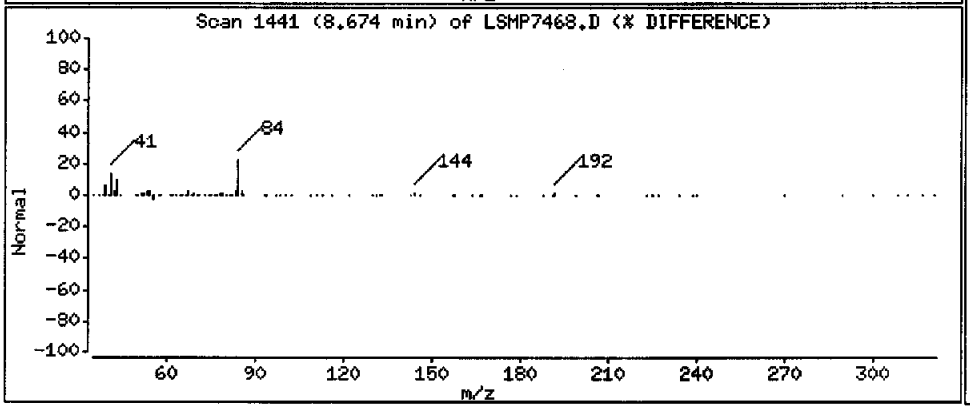












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

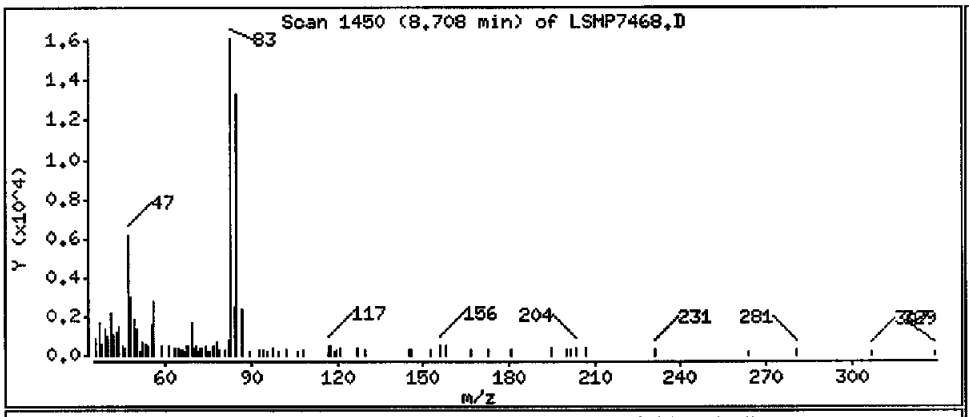
Operator: XIA

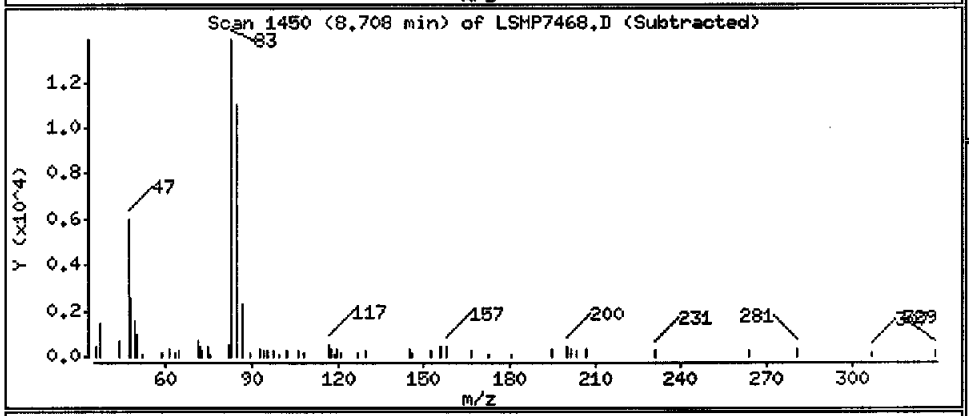
Column phase: RTX-502.2

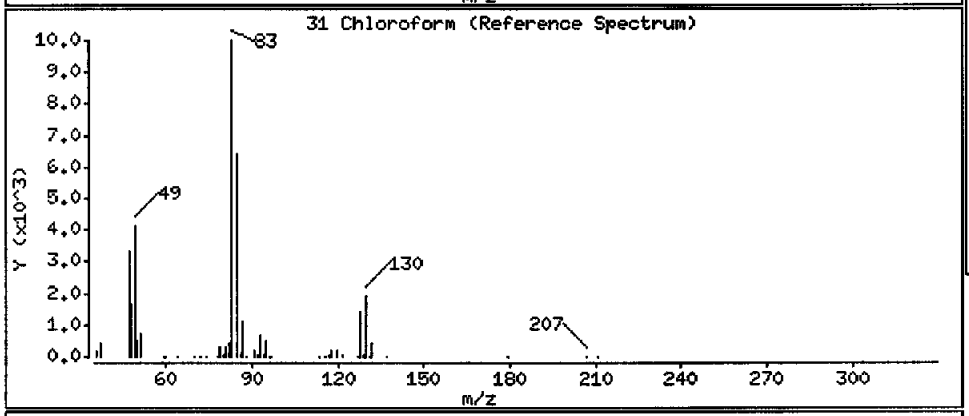
Column diameter: 0.25

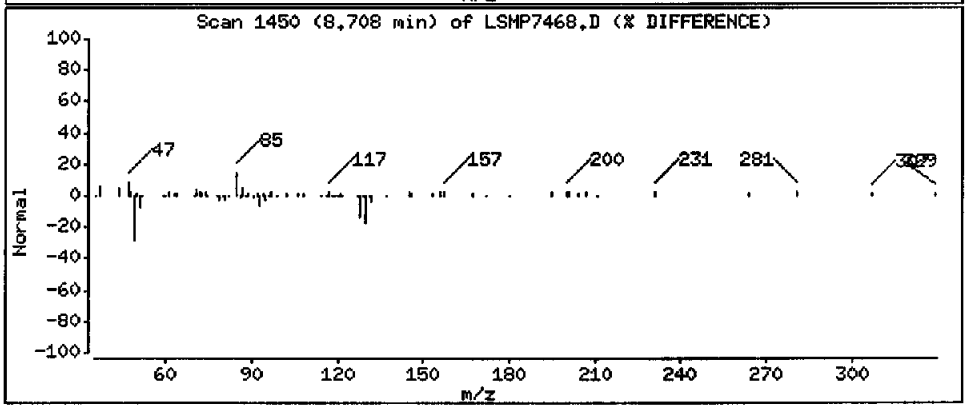
31 Chloroform

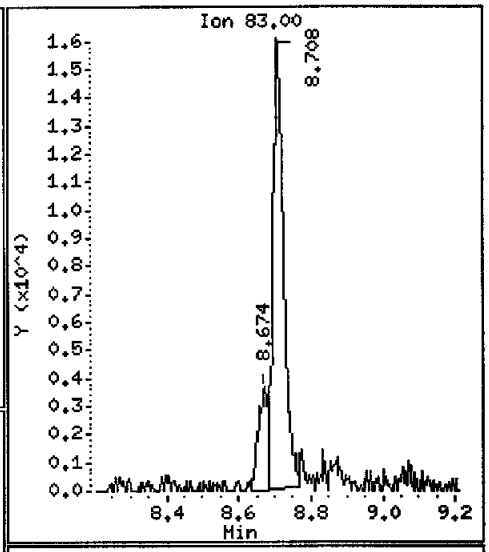
Concentration: 0.9193 ug/L

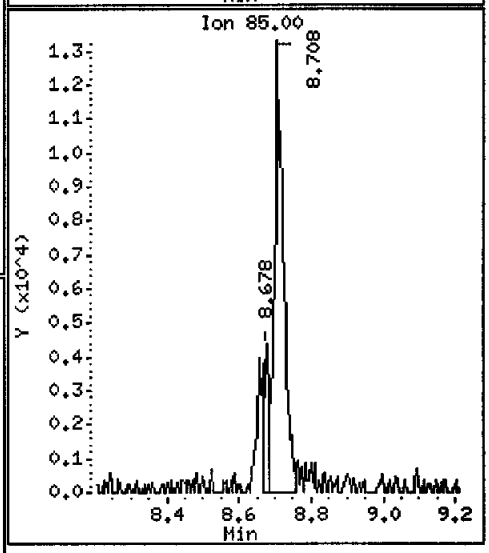












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

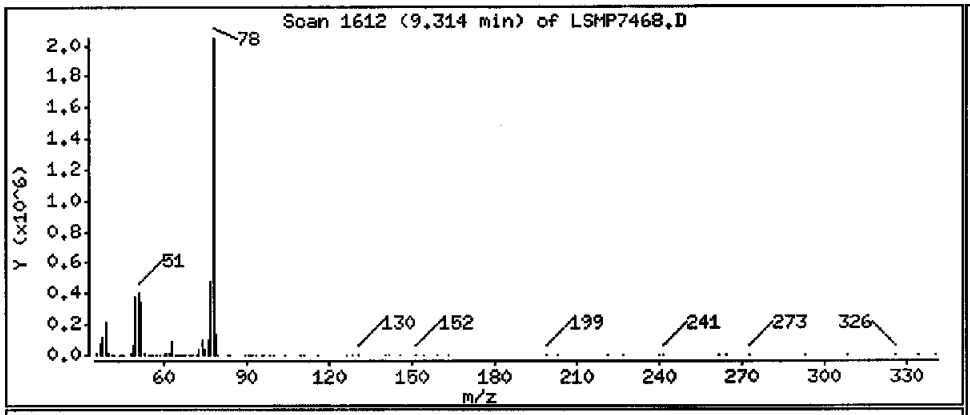
Operator: XIA

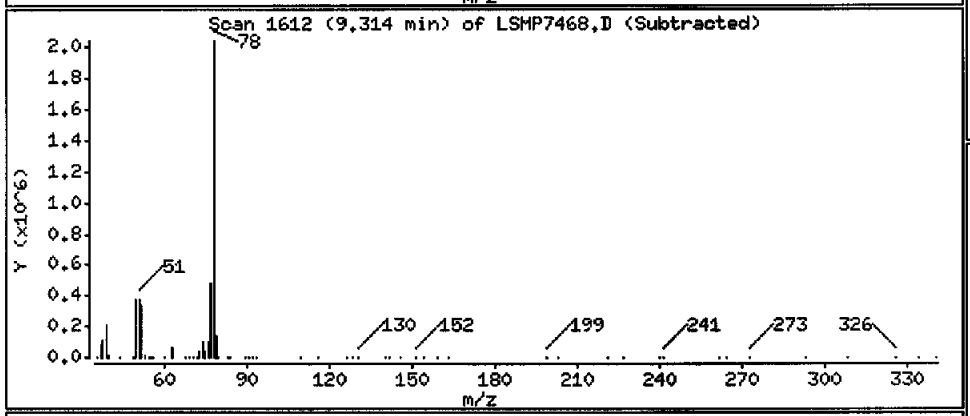
Column phase: RTX-502.2

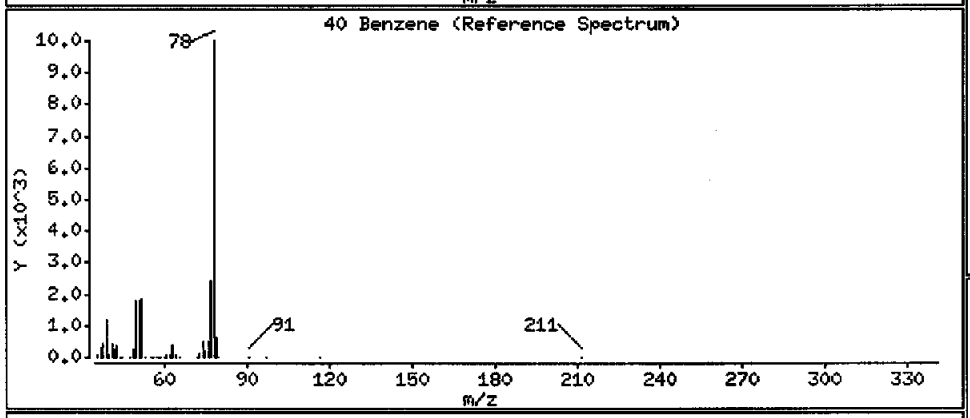
Column diameter: 0.25

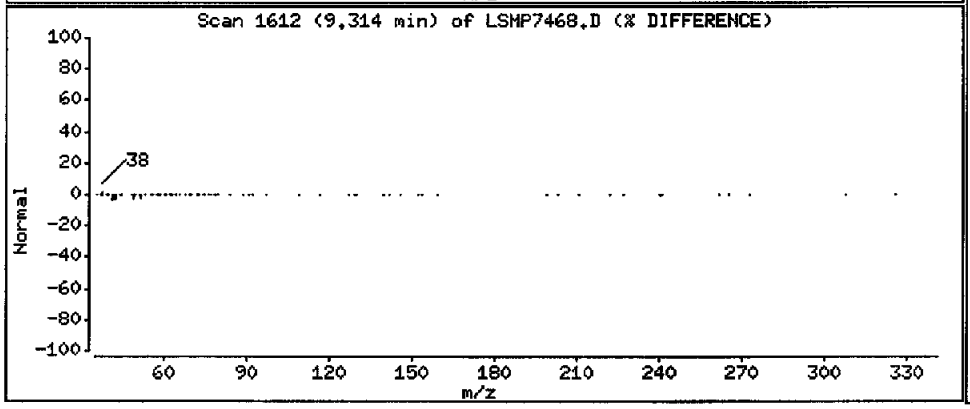
40 Benzene

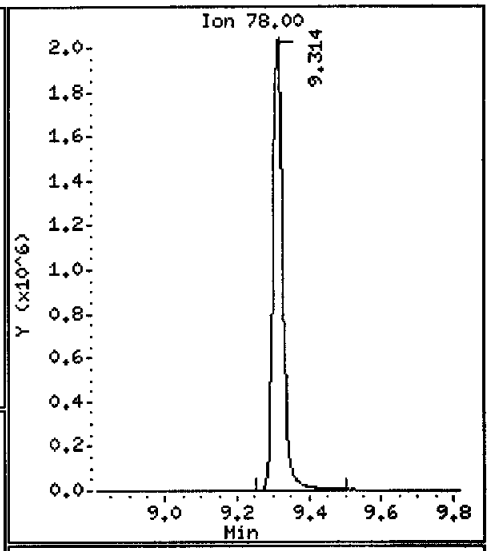
Concentration: 39.20 ug/L

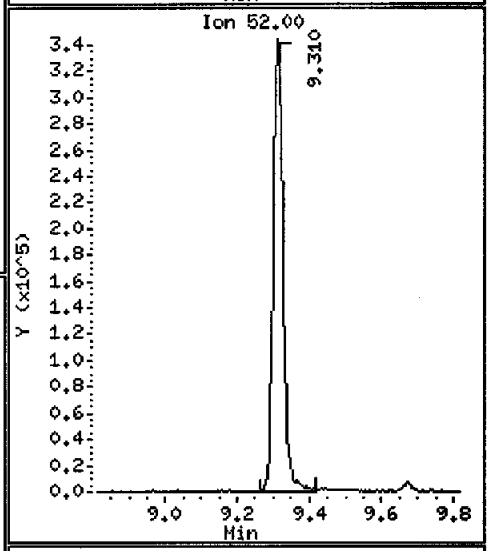


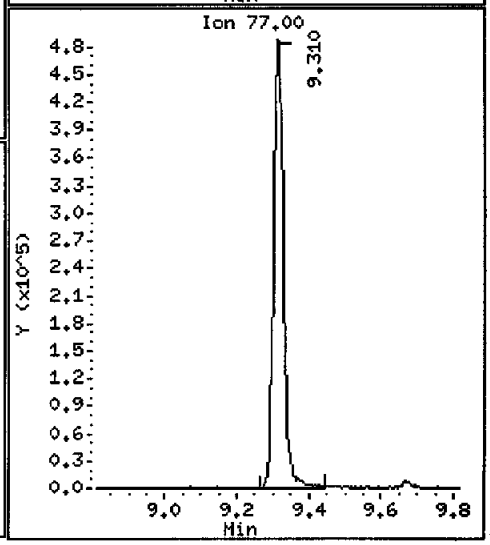












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

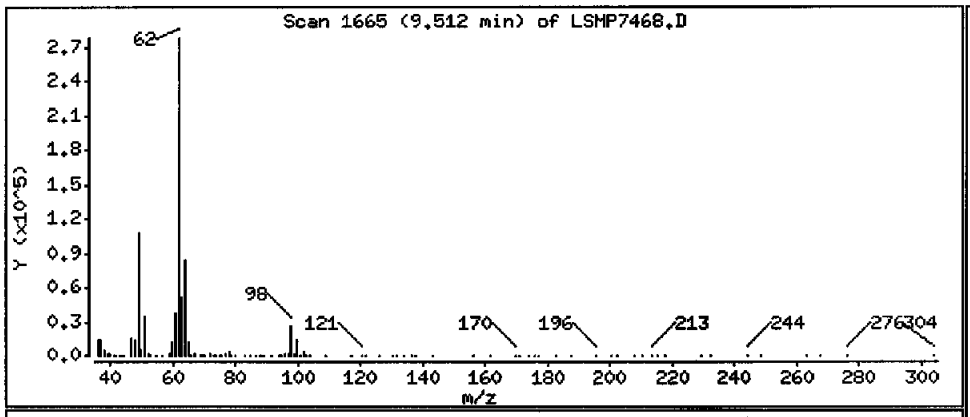
Operator: XIA

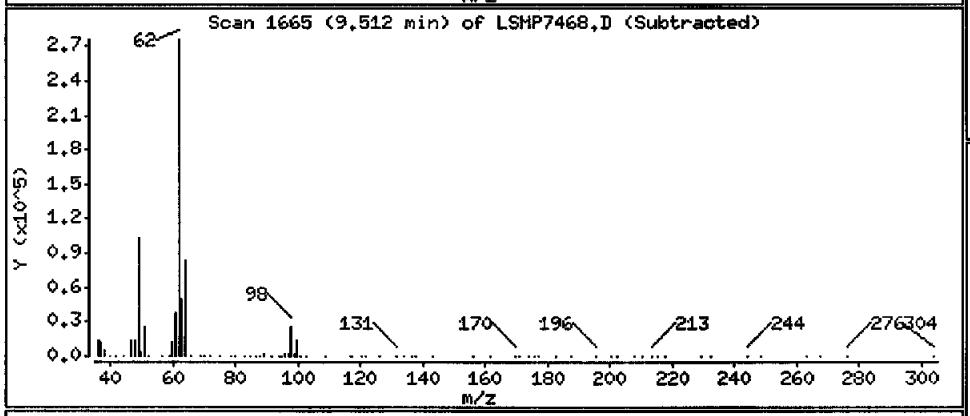
Column phase: RTX-502.2

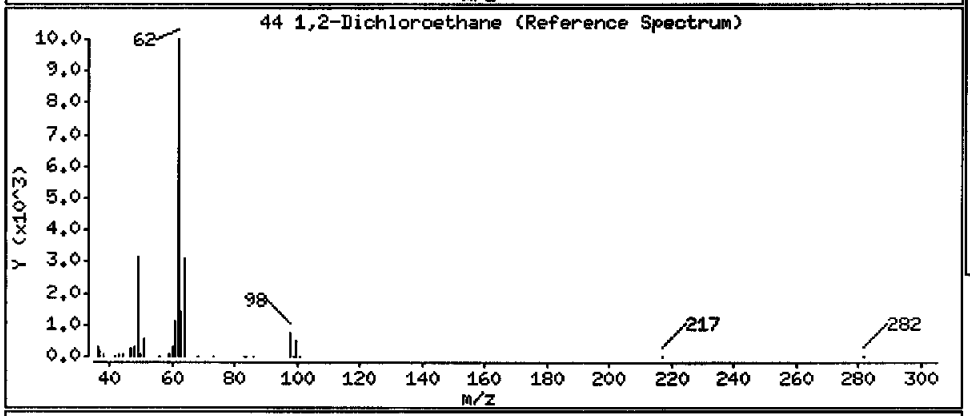
Column diameter: 0.25

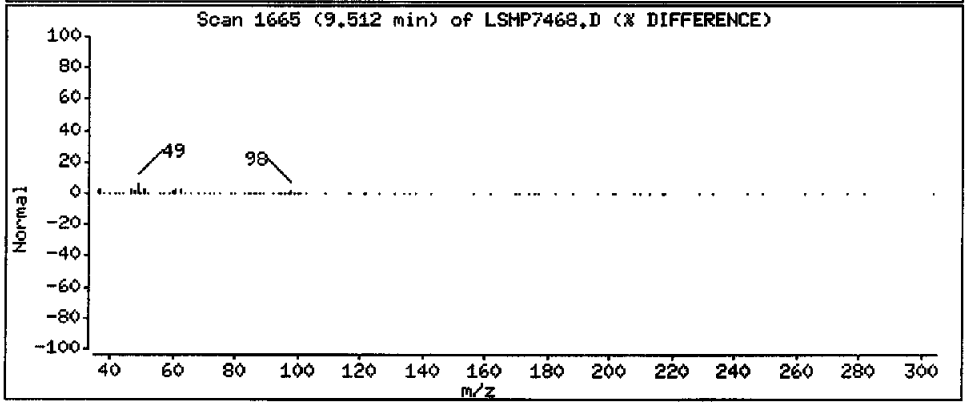
44 1,2-Dichloroethane

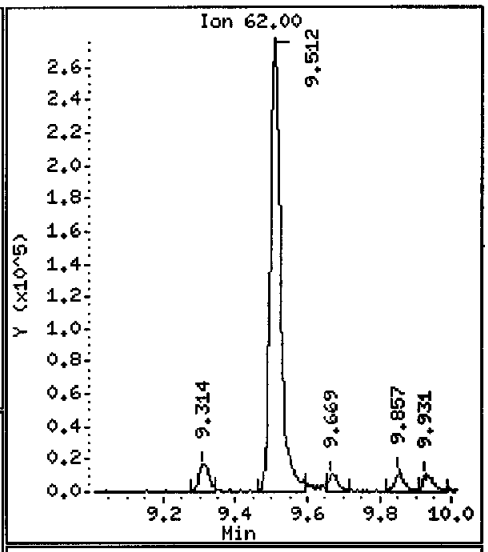
Concentration: 41.20 ug/L

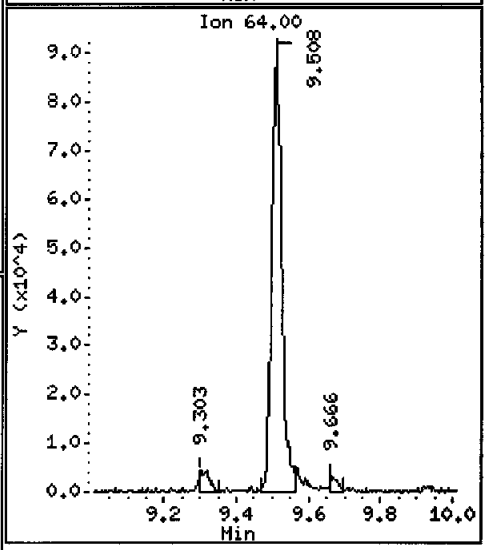












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

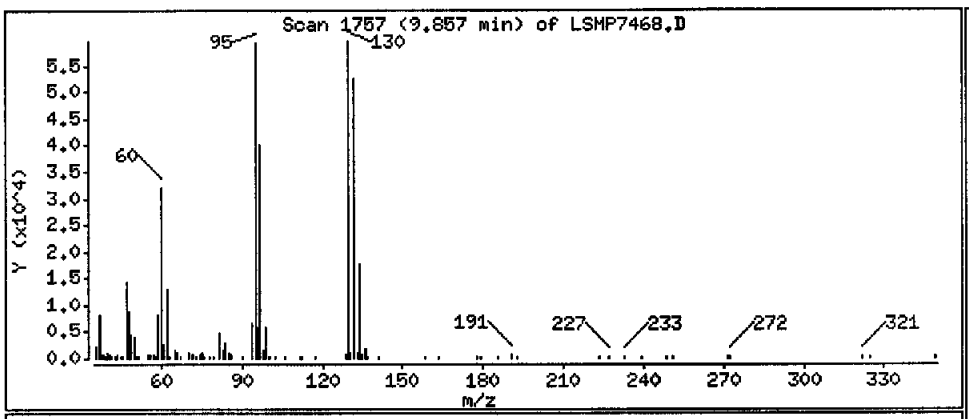
Operator: XIA

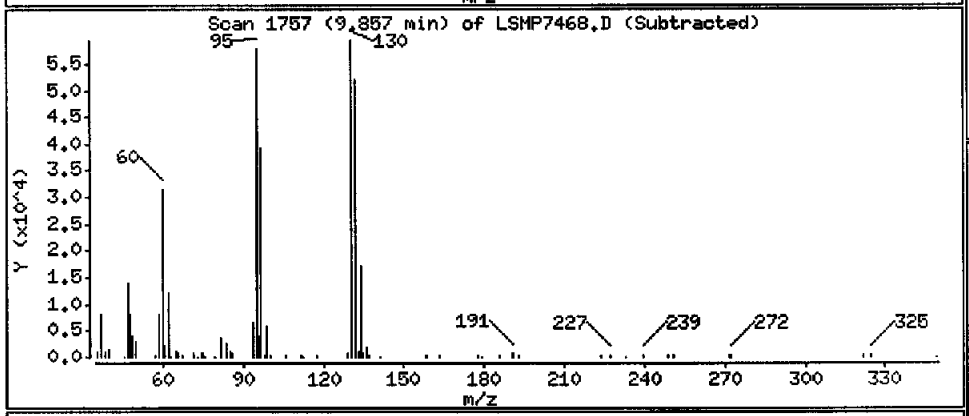
Column phase: RTX-502.2

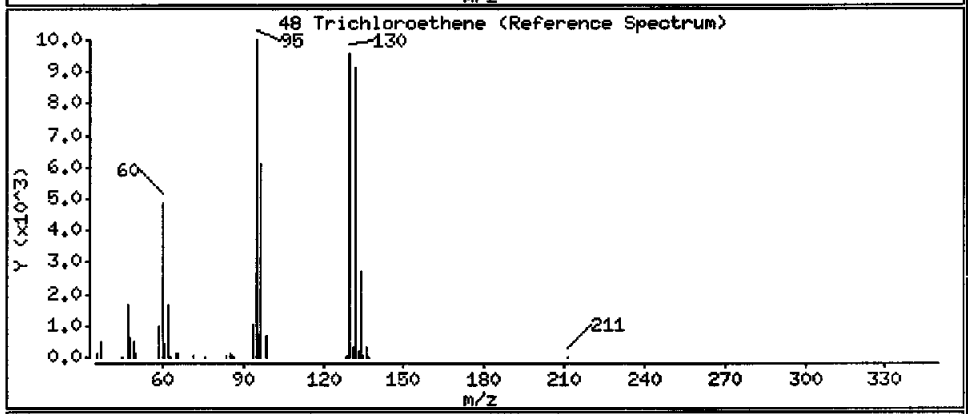
Column diameter: 0.25

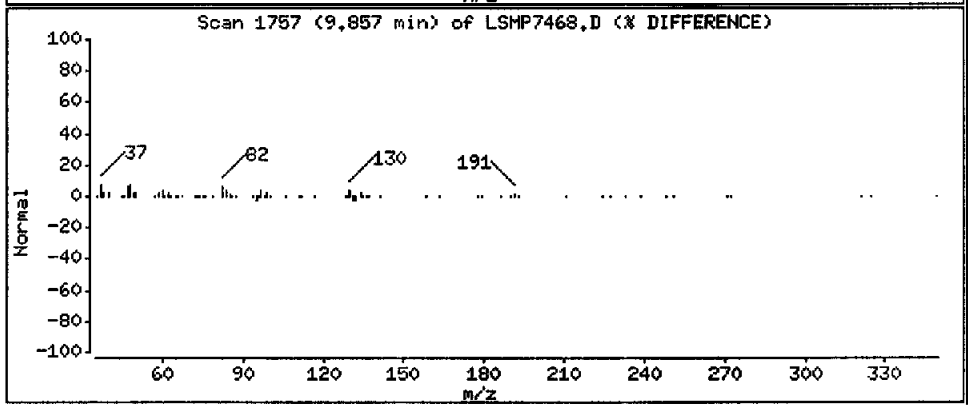
48 Trichloroethene

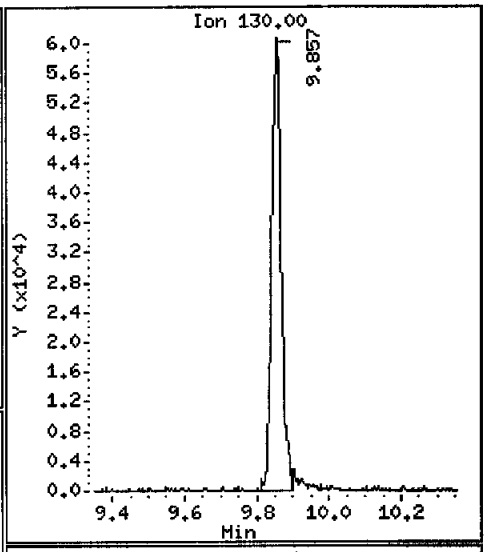
Concentration: 4.562 ug/L

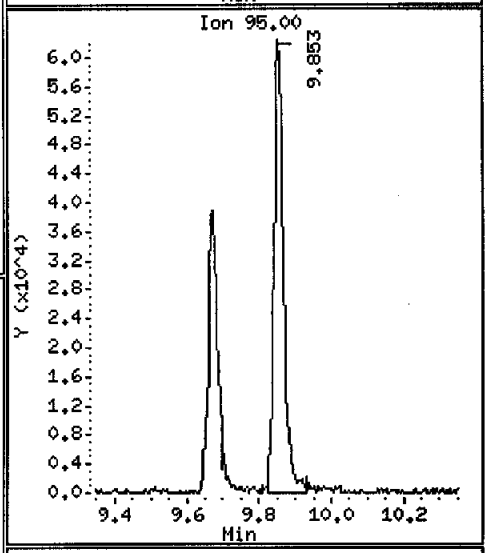


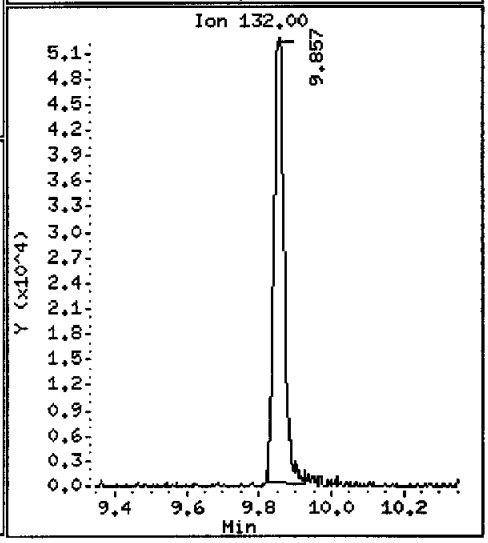












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

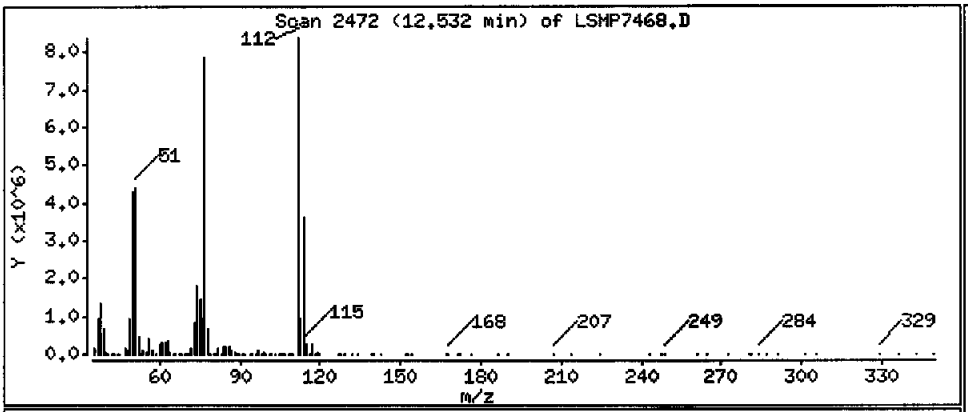
Operator: XIA

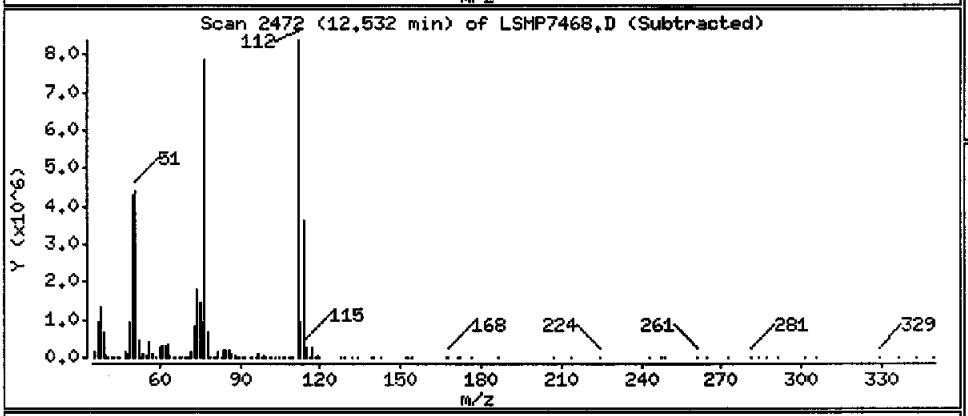
Column phase: RTX-502.2

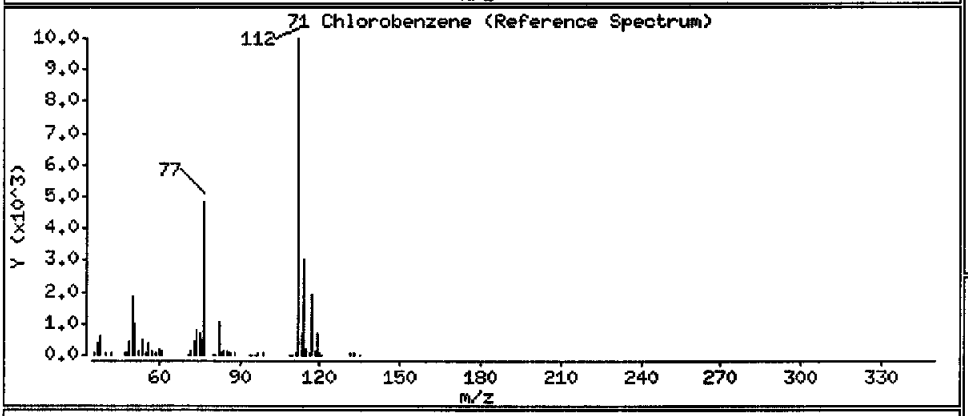
Column diameter: 0.25

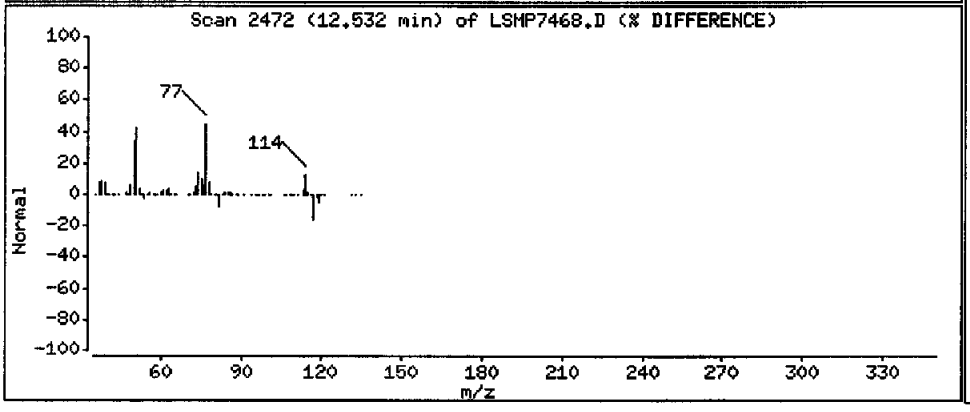
71 Chlorobenzene

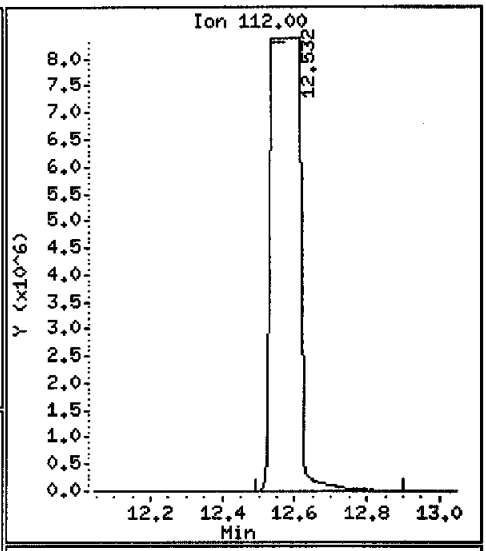
Concentration: 381.4 ug/L

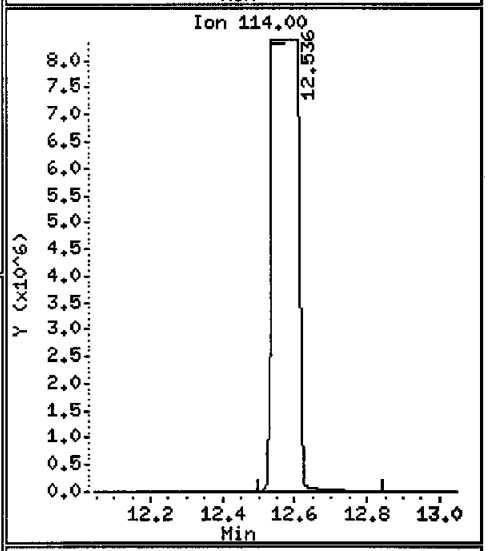


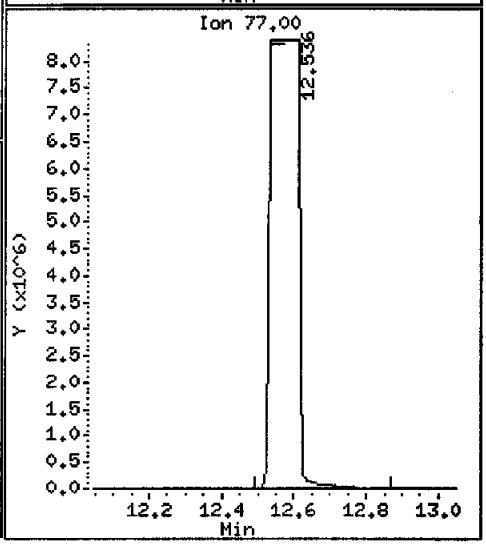












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

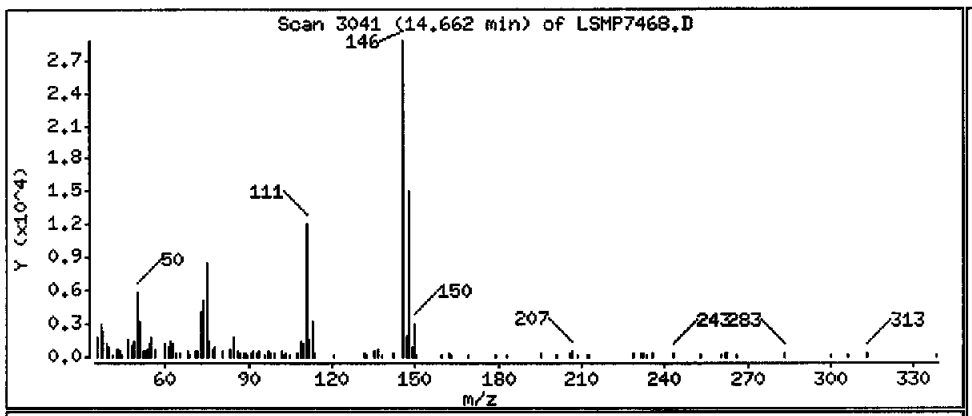
Operator: XIA

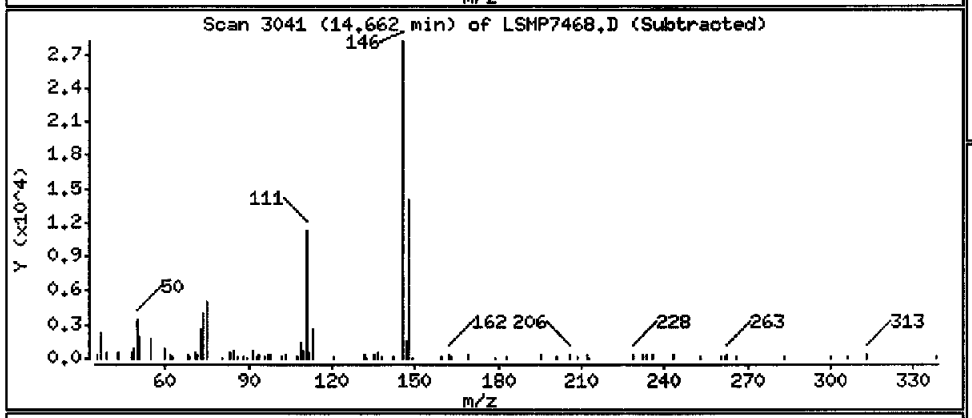
Column phase: RTX-502.2

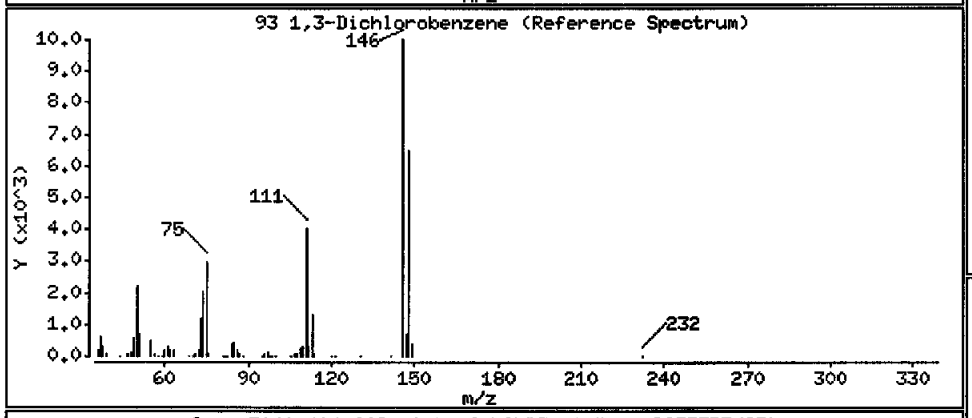
Column diameter: 0.25

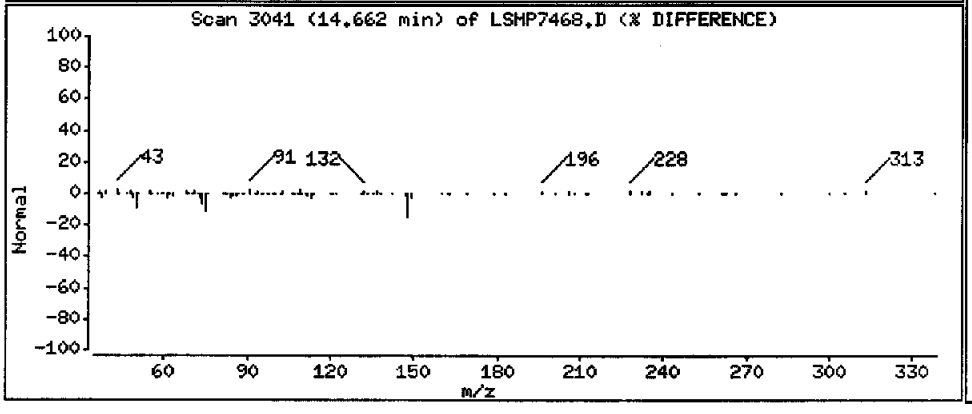
93 1,3-Dichlorobenzene

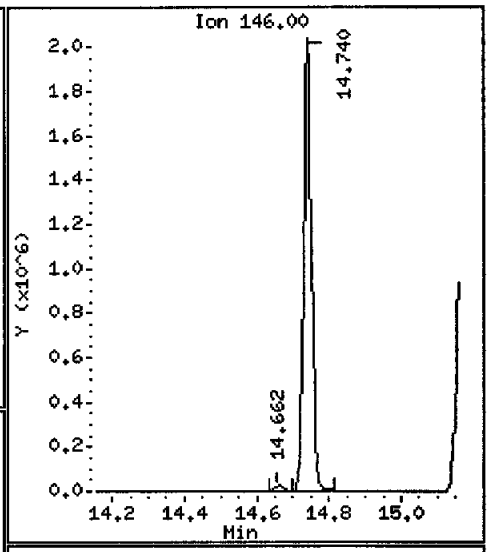
Concentration: 0.7896 ug/L

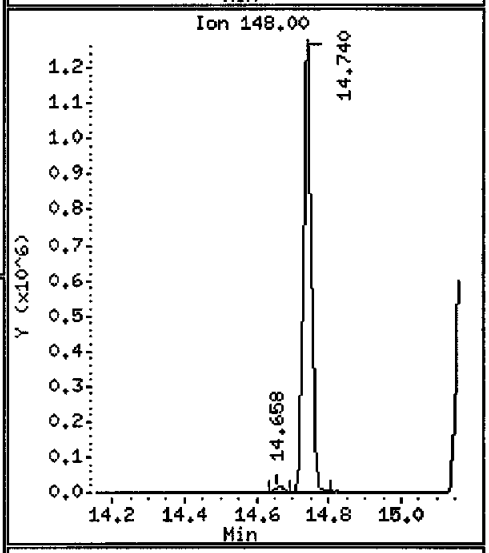


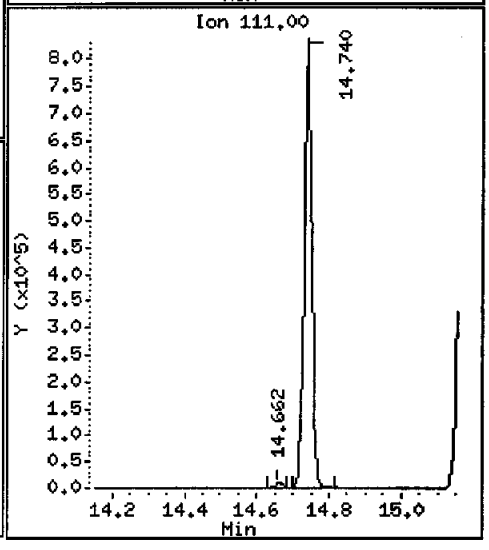












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

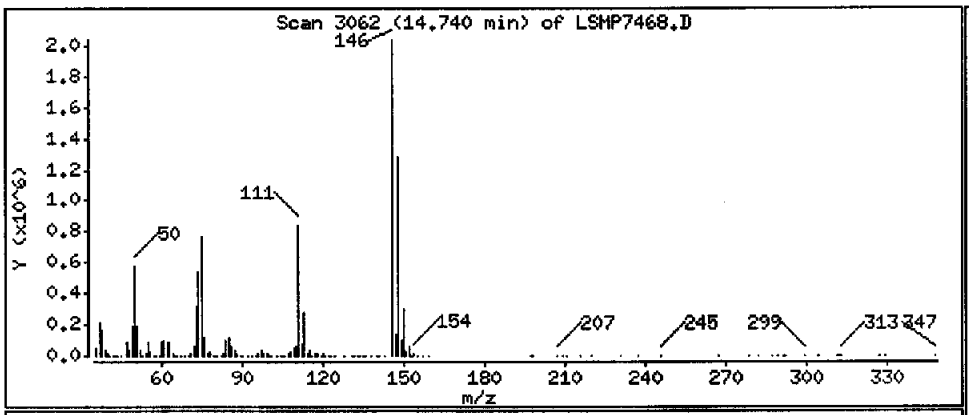
Operator: XIA

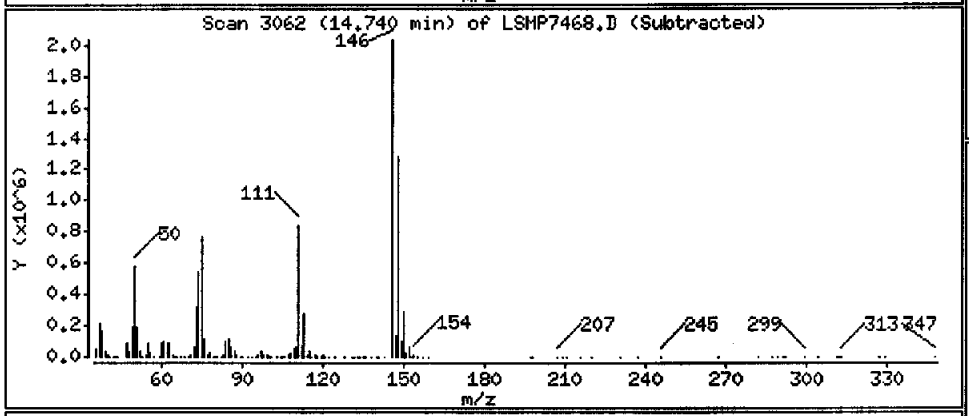
Column phase: RTX-502.2

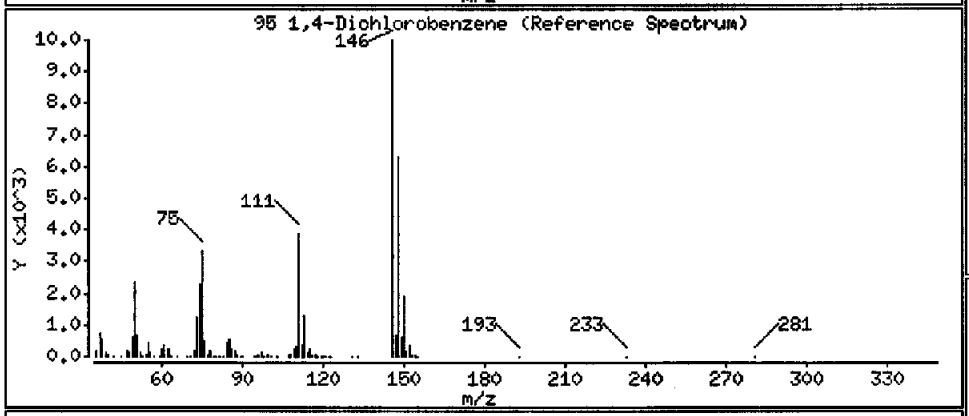
Column diameter: 0.25

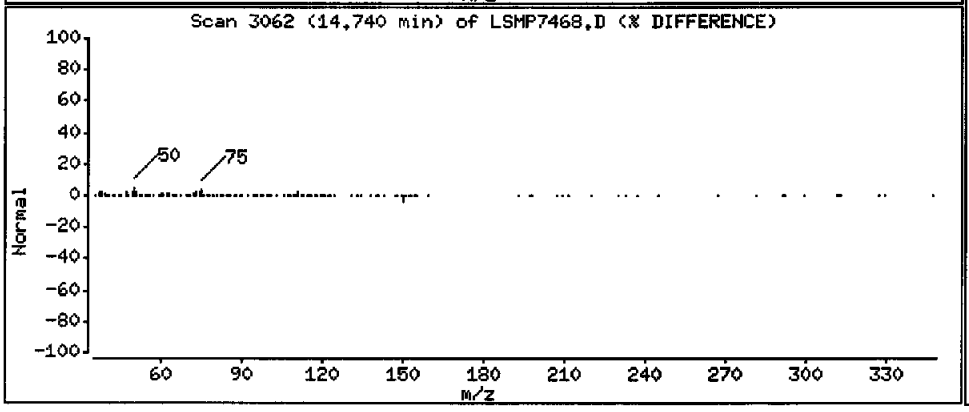
95 1,4-Dichlorobenzene

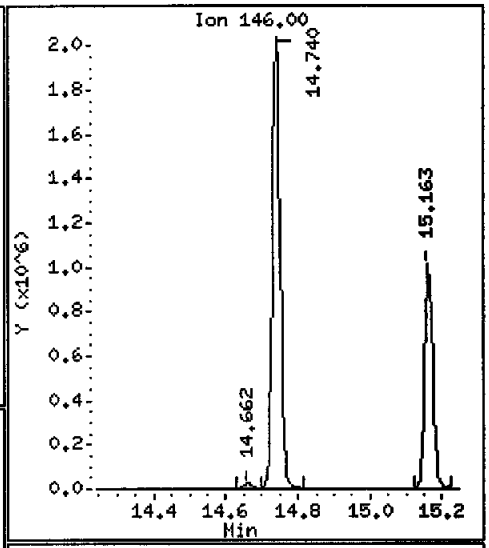
Concentration: 55.92 ug/L

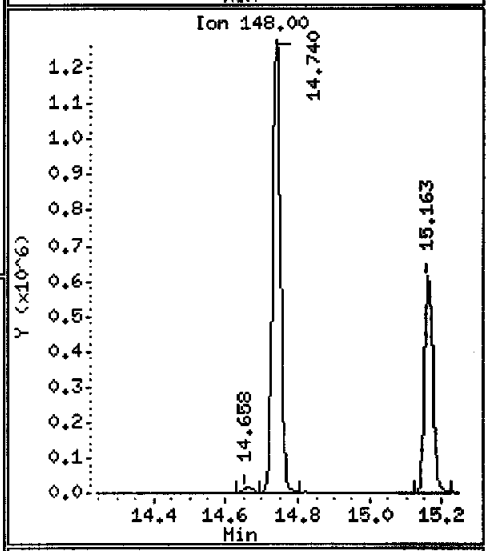


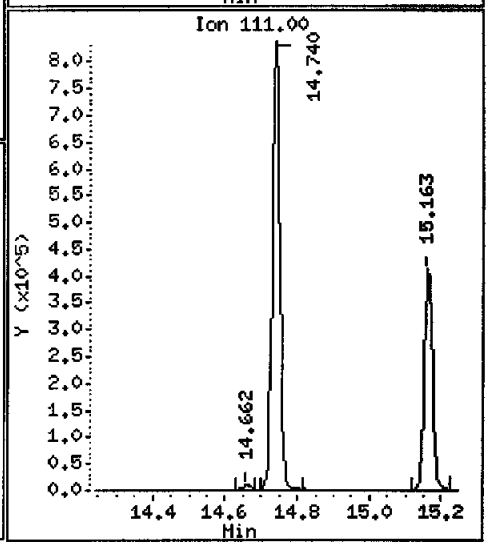












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

Purge Volume: 25.0

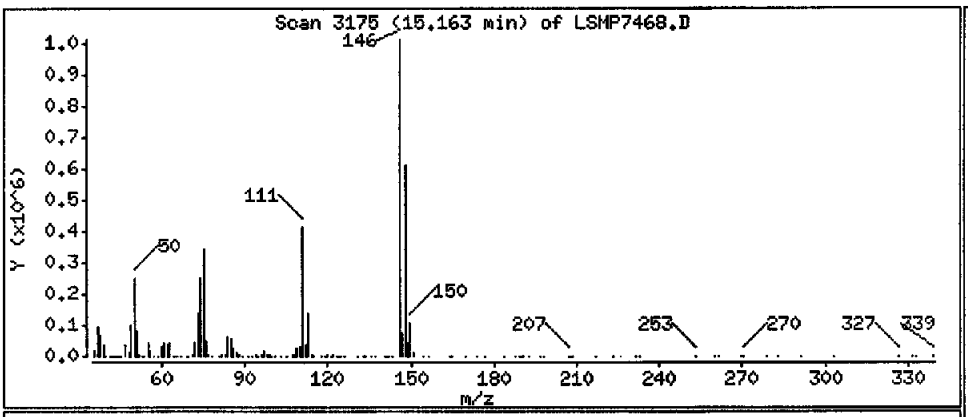
Operator: XIA

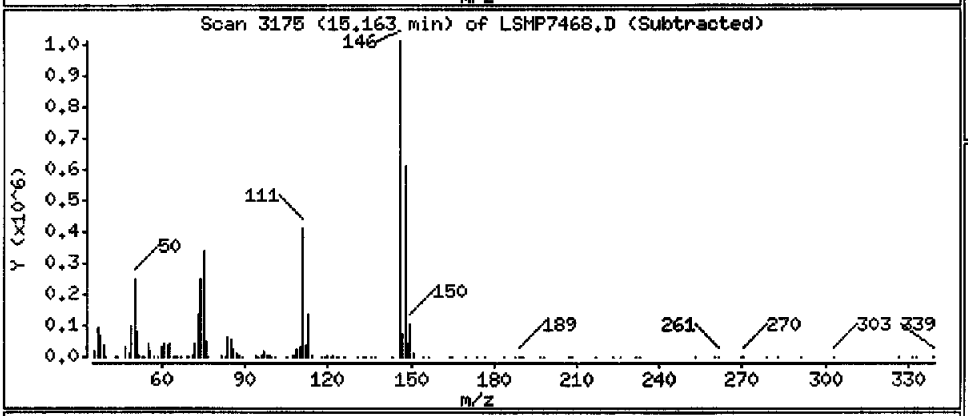
Column phase: RTX-502.2

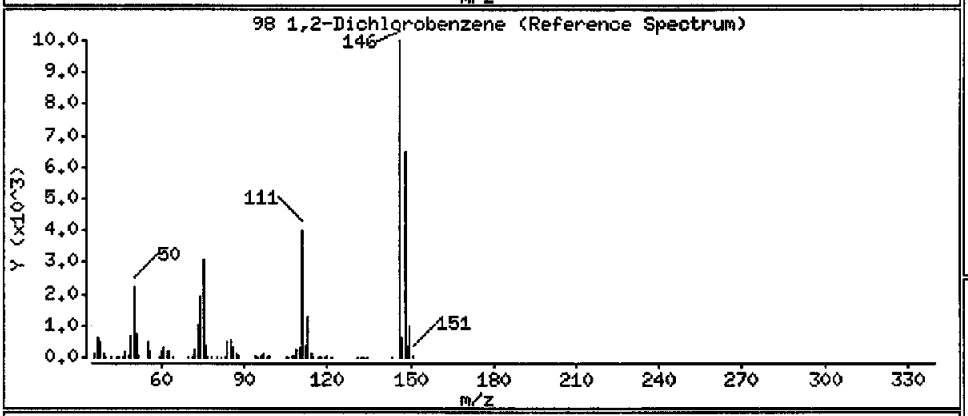
Column diameter: 0.25

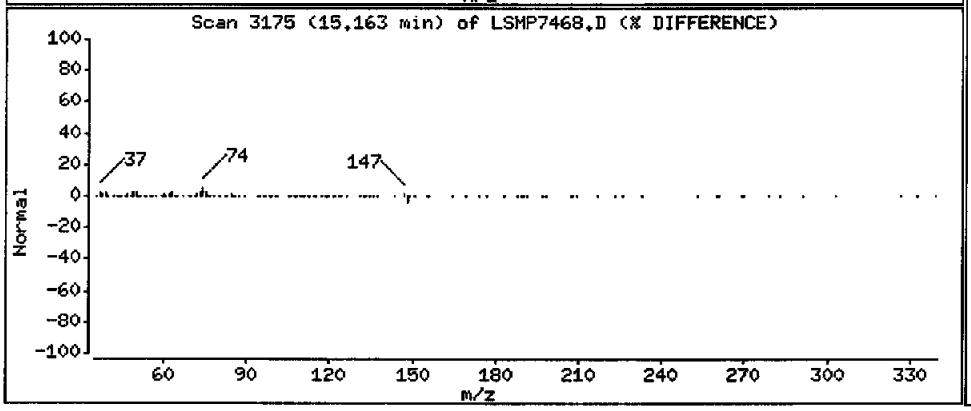
98 1,2-Dichlorobenzene

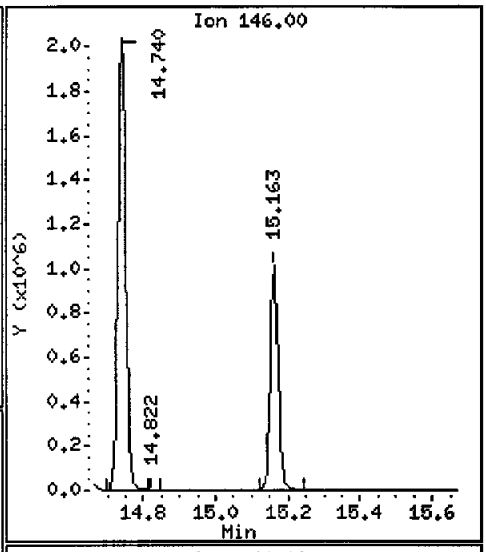
Concentration: 38.83 ug/L

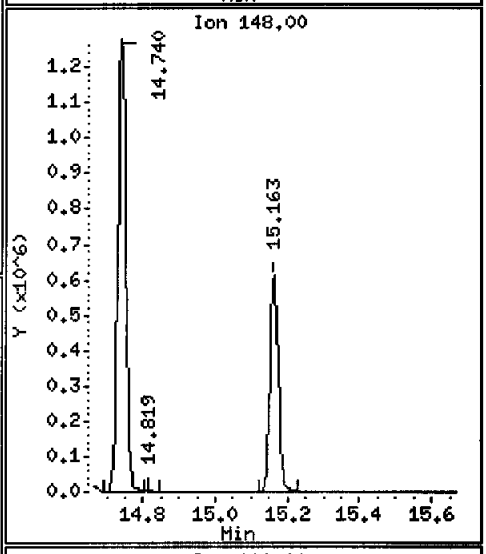


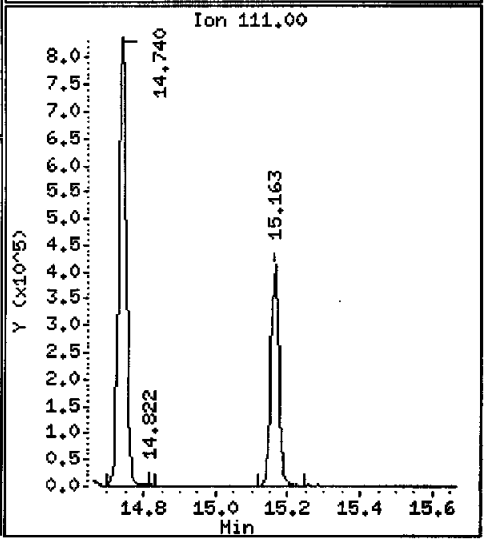






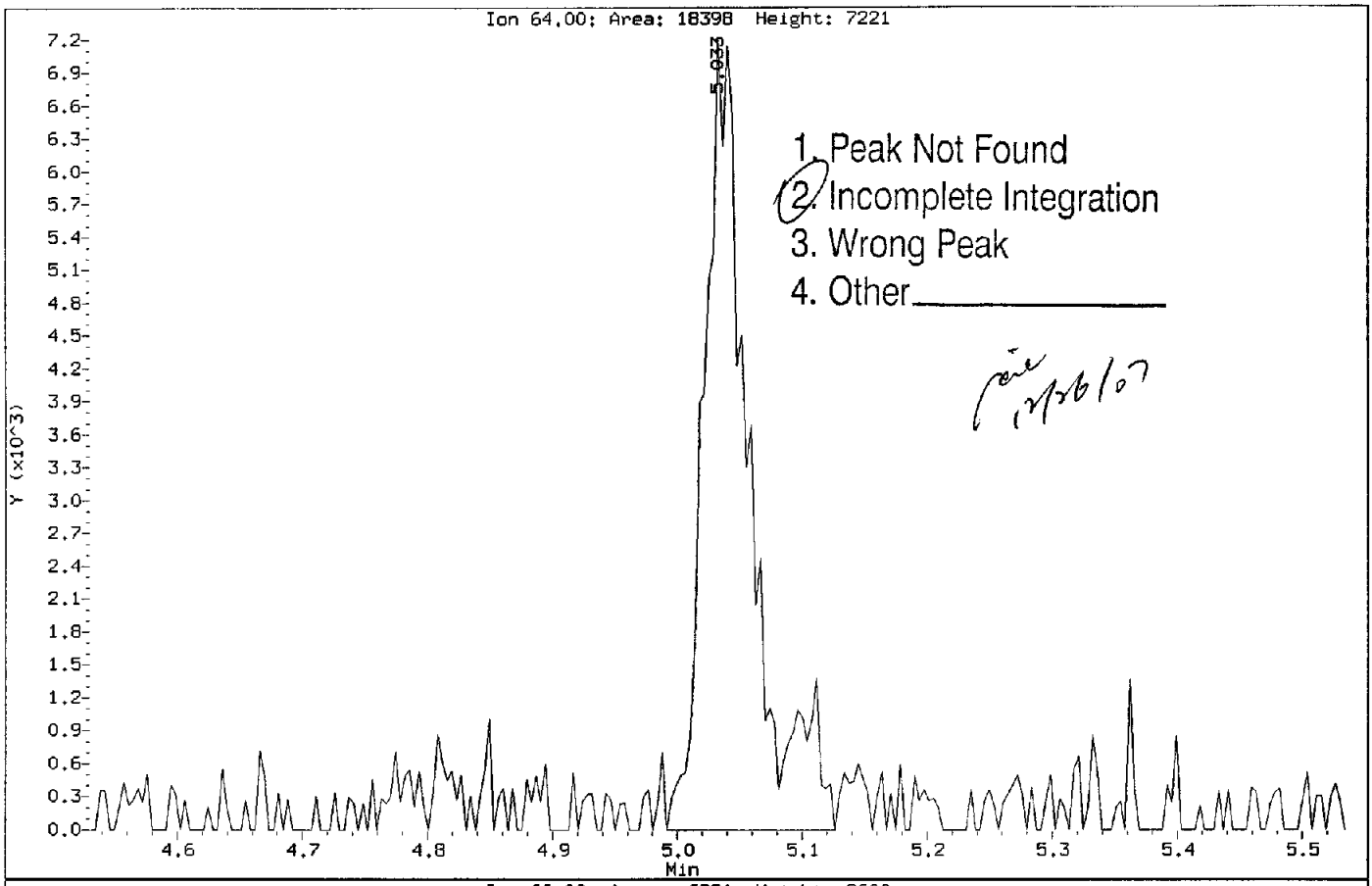


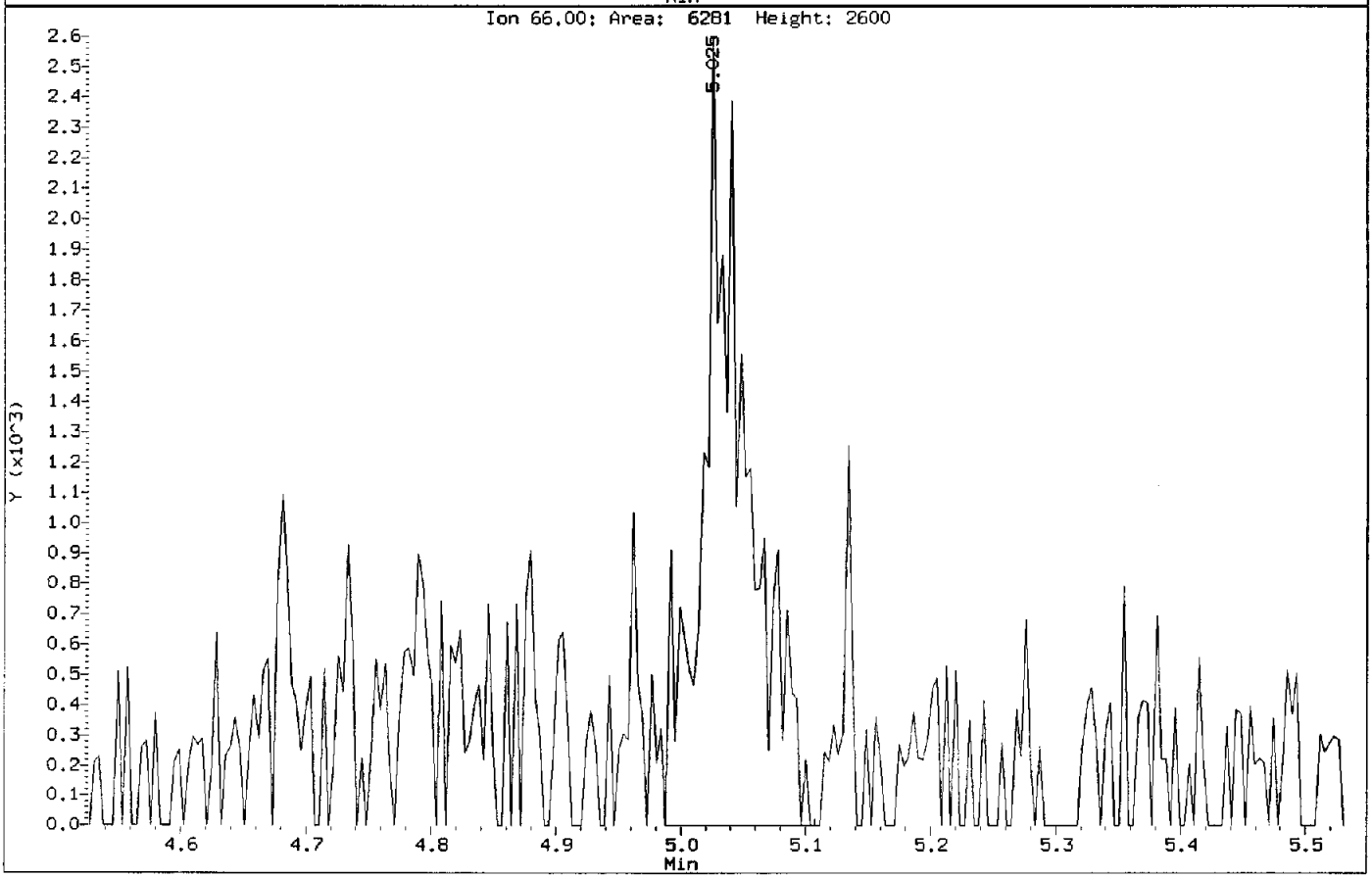




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D
Injection Date: 24-DEC-2007 18:03
Instrument: MSL.i
Client Sample ID: M-5A

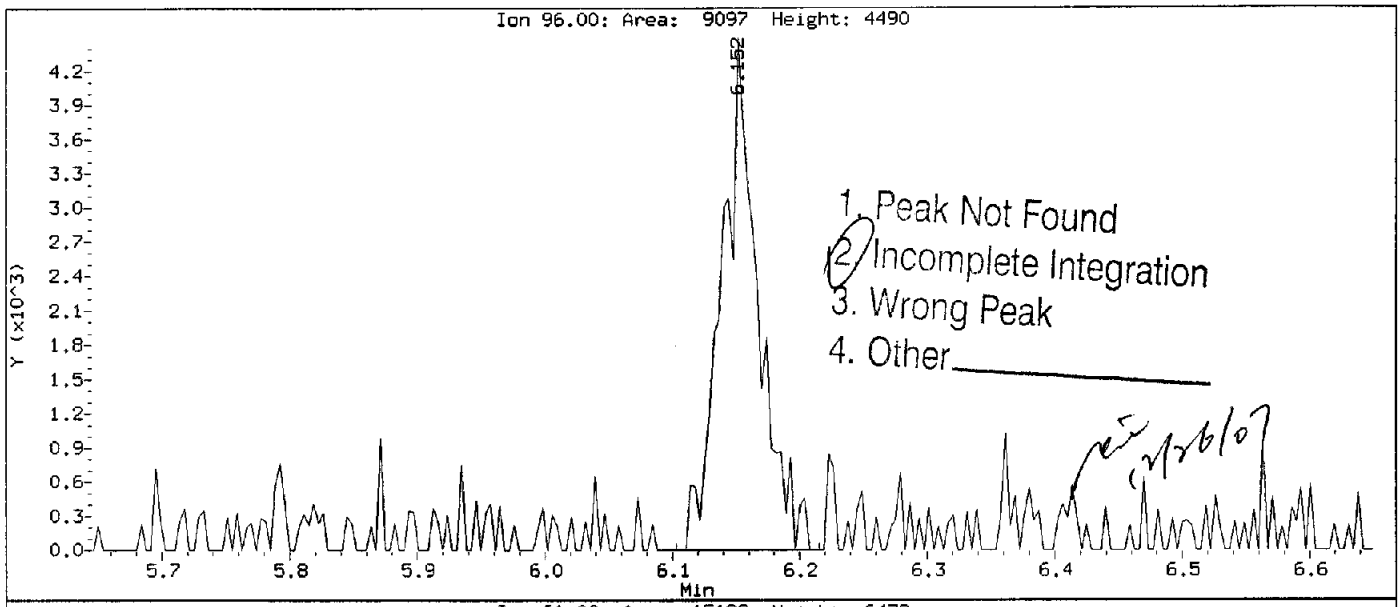
Compound: Chloroethane
CAS Number: 75-00-3

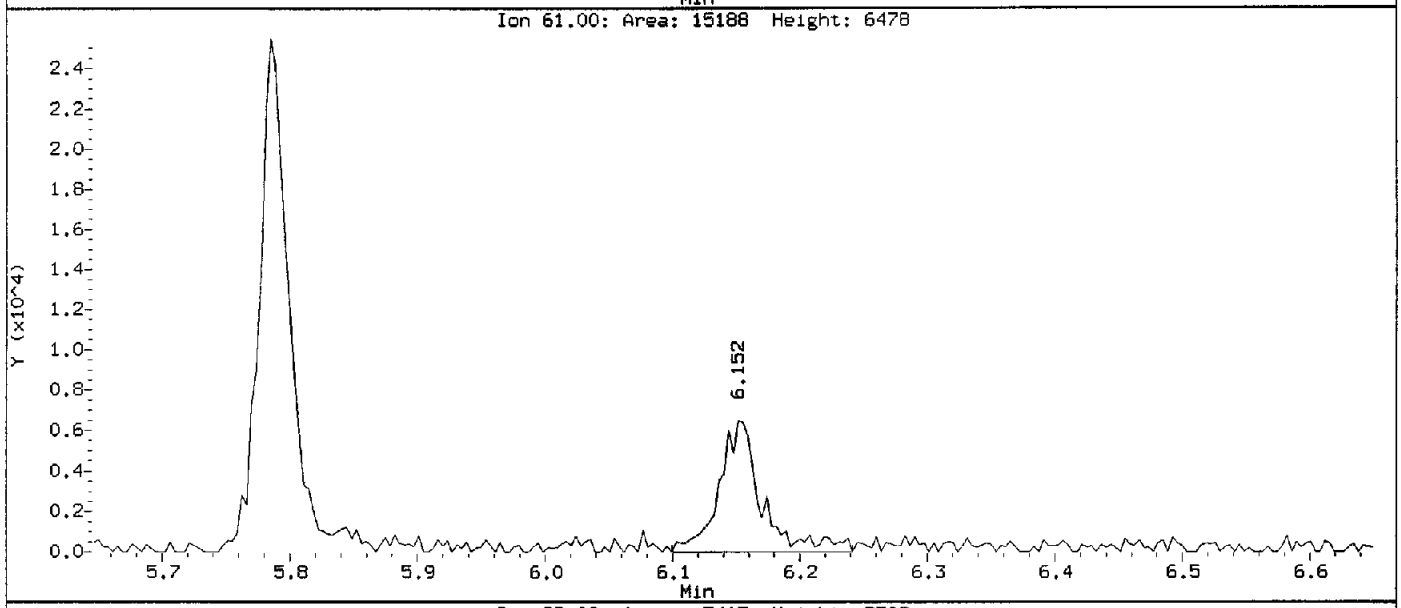


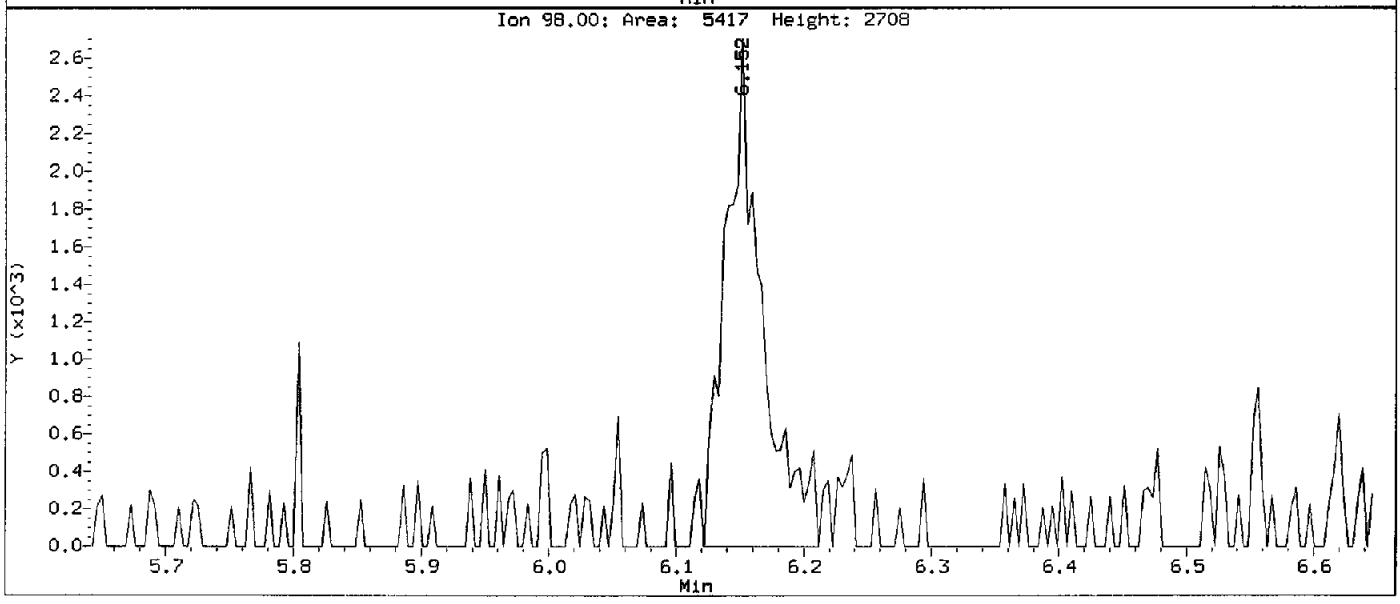


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D
Injection Date: 24-DEC-2007 18:03
Instrument: MSL.i
Client Sample ID: M-5A

Compound: 1,1-Dichloroethene
CAS Number: 75-35-4

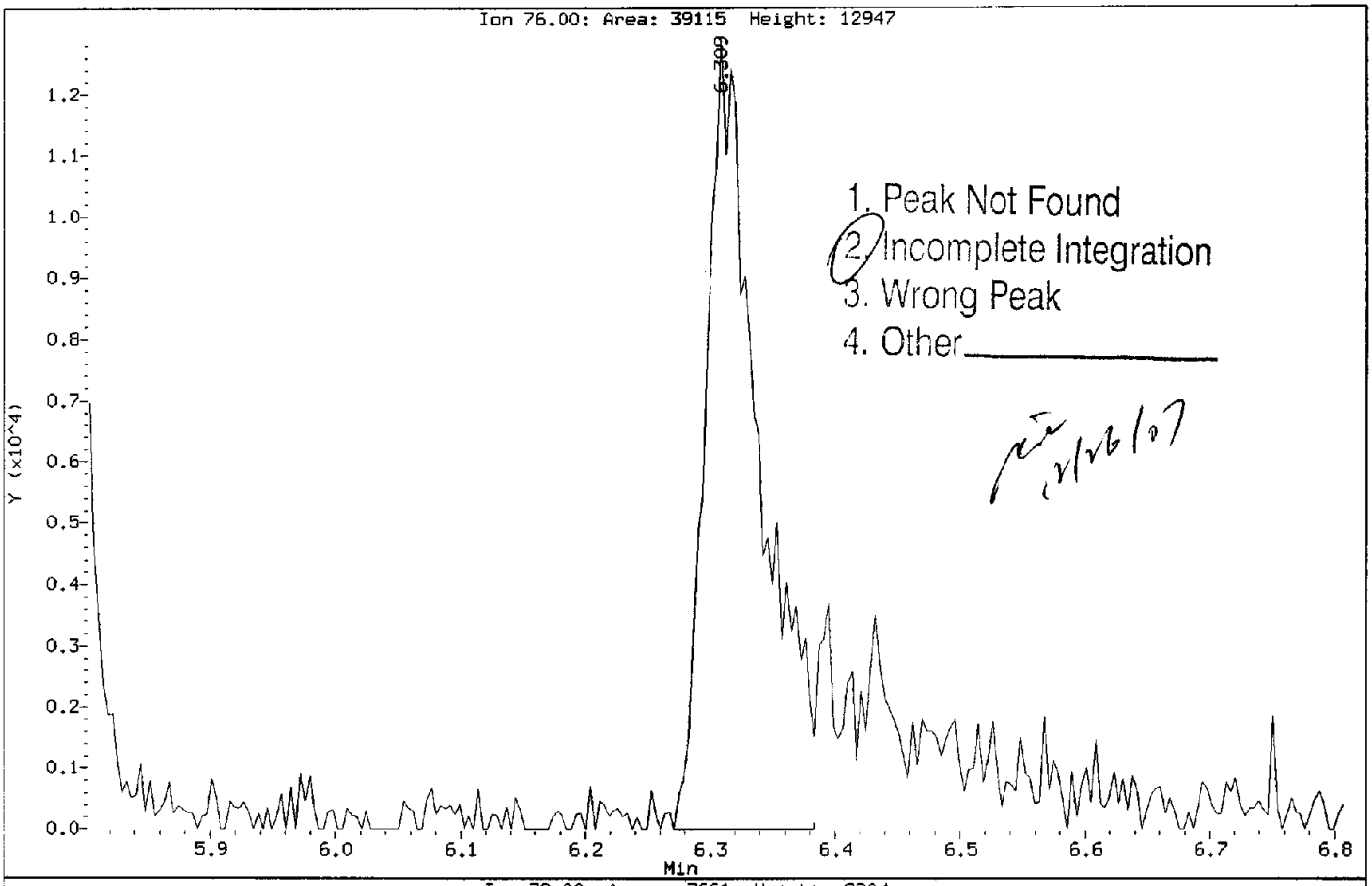


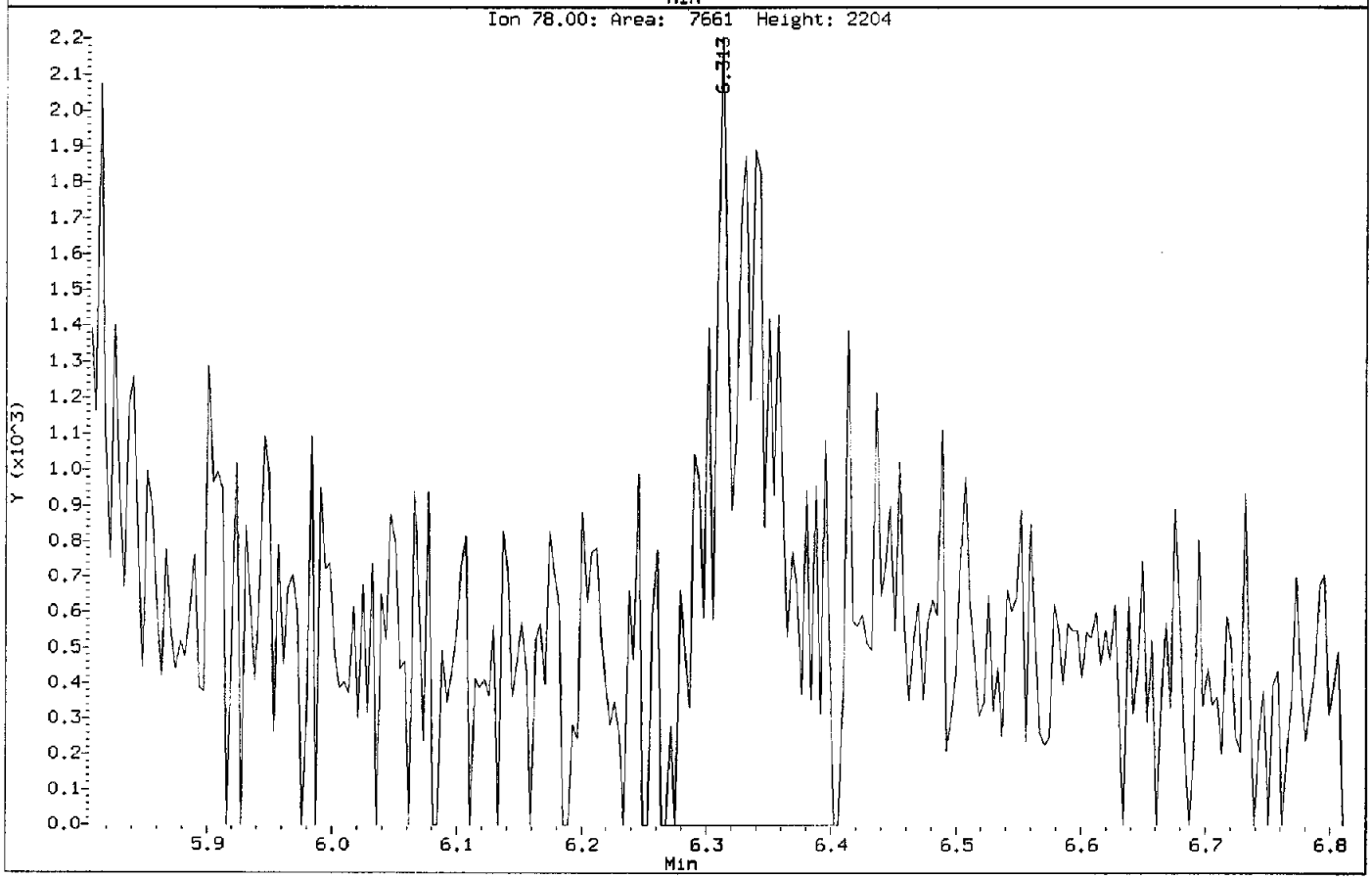




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP746B.D
Injection Date: 24-DEC-2007 18:03
Instrument: MSL.i
Client Sample ID: M-5A

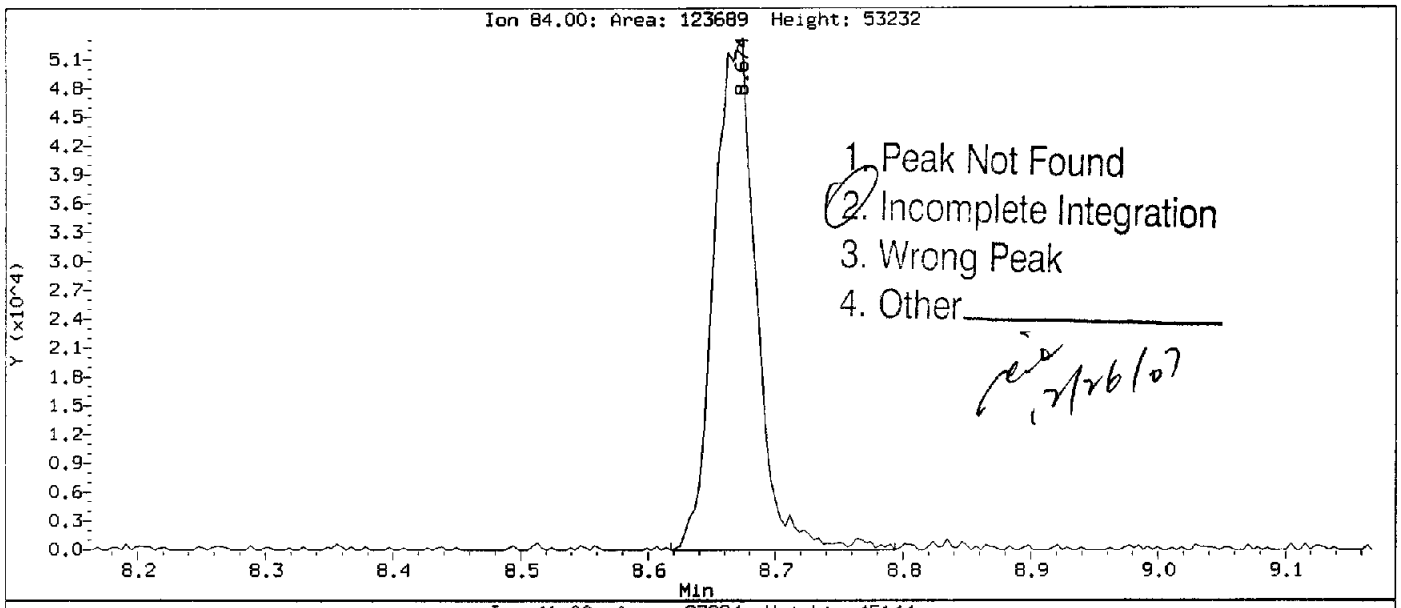
Compound: Carbon Disulfide
CAS Number: 75-15-0





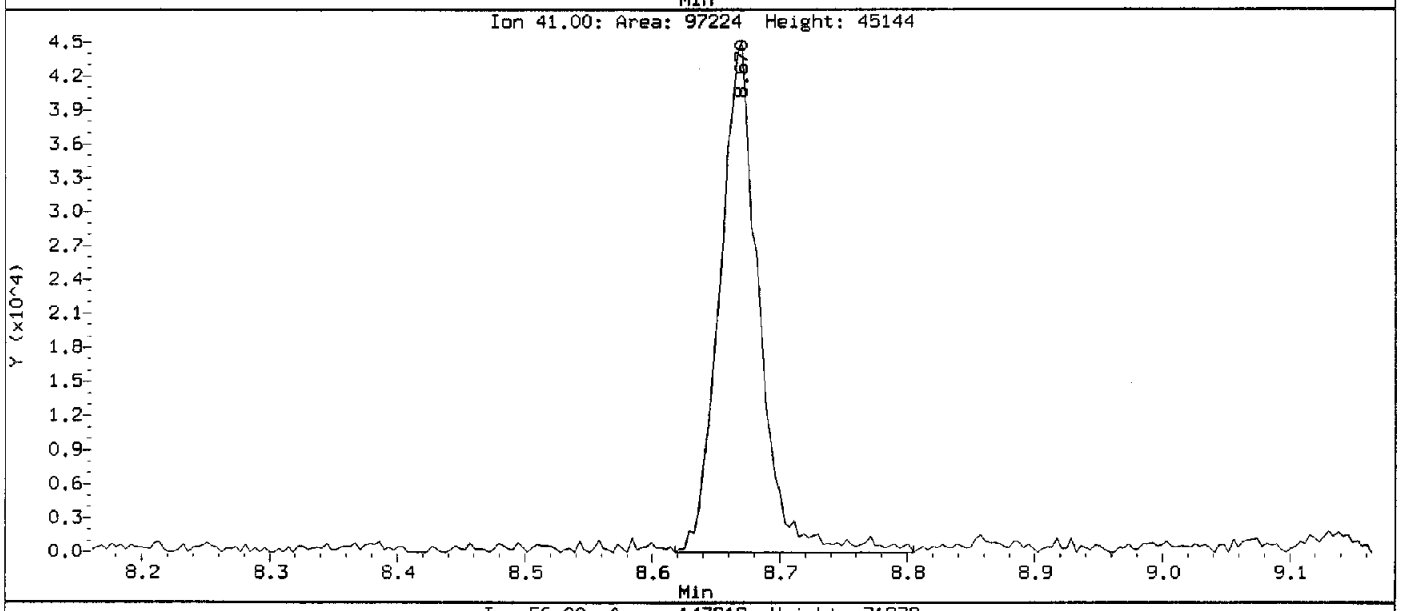
Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D
Injection Date: 24-DEC-2007 18:03
Instrument: MSL.i
Client Sample ID: M-5A

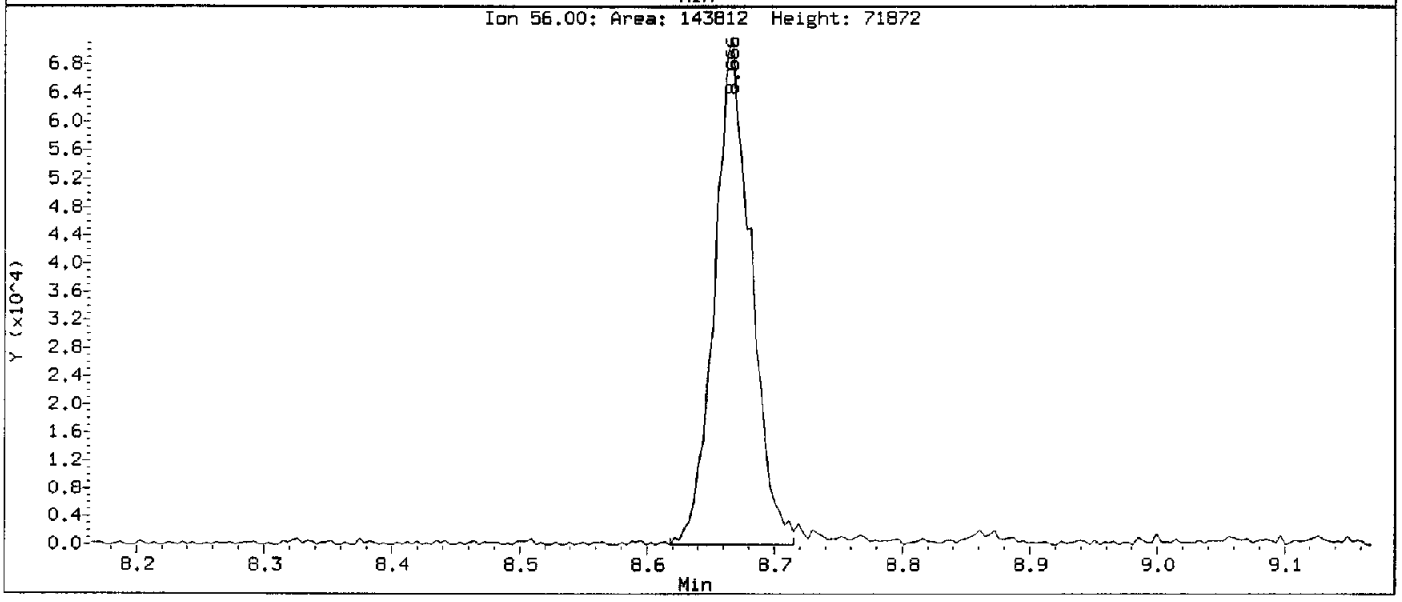
Compound: Cyclohexane
CAS Number:



1. Peak Not Found
2. Incomplete Integration
3. Wrong Peak
4. Other_____

12/26/07





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D
Report Date: 26-Dec-2007 14:43

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D
Lab Smp Id: KEKNX1AA Client Smp ID: M-5A
Inj Date : 24-DEC-2007 18:03
Operator : XIA Inst ID: MSL.i
Smp Info : KEKNX1AA
Misc Info : VBLKL358A;F7L200290-001;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 45 Fluorobenzene	9.673	1910725	10.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
4.808	305905	1.60099066	1.601	0		0	45
Unknown				CAS #:			
6.024	263285	1.37793168	1.378	0		0	45
Unknown				CAS #:			
7.937	276027	1.44461915	1.445	0		0	45
Diethyl sulfide				CAS #: 352-93-2			
9.931	238702	1.24927302	1.249	94	Nist98.1	115542	45(L)

12/26/07

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

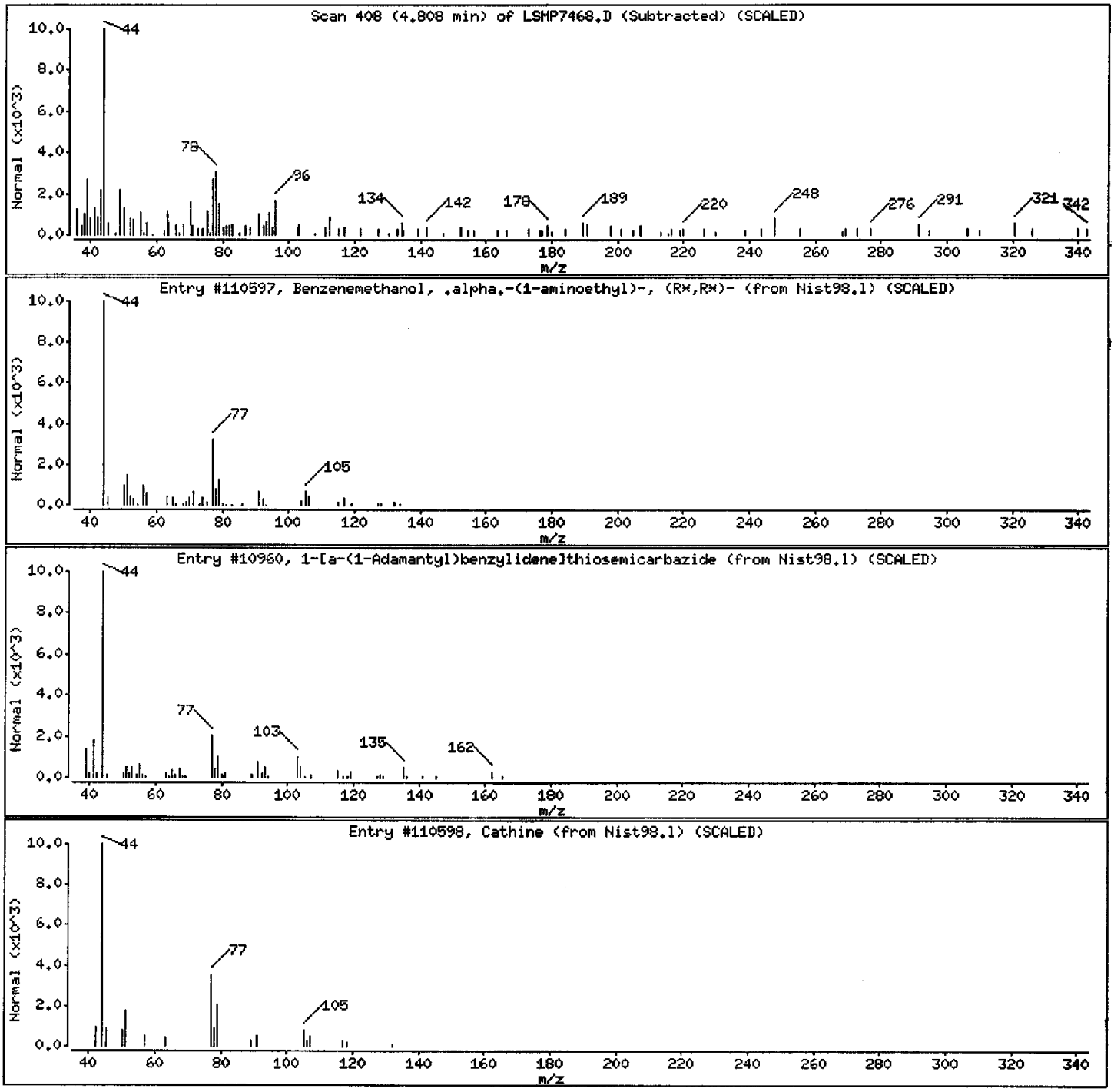
Purge Volume: 25.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzenemethanol, .alpha.-(1-aminoethyl)-	36393-56-3	Nist98.l	110597	27	C9H13NO	151
1-[a-(1-Adamantyl)benzylidene]thiosemica	1000222-83-3	Nist98.l	10960	16	C18H23N3S	313
Cathine	492-39-7	Nist98.l	110598	16	C9H13NO	151



Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

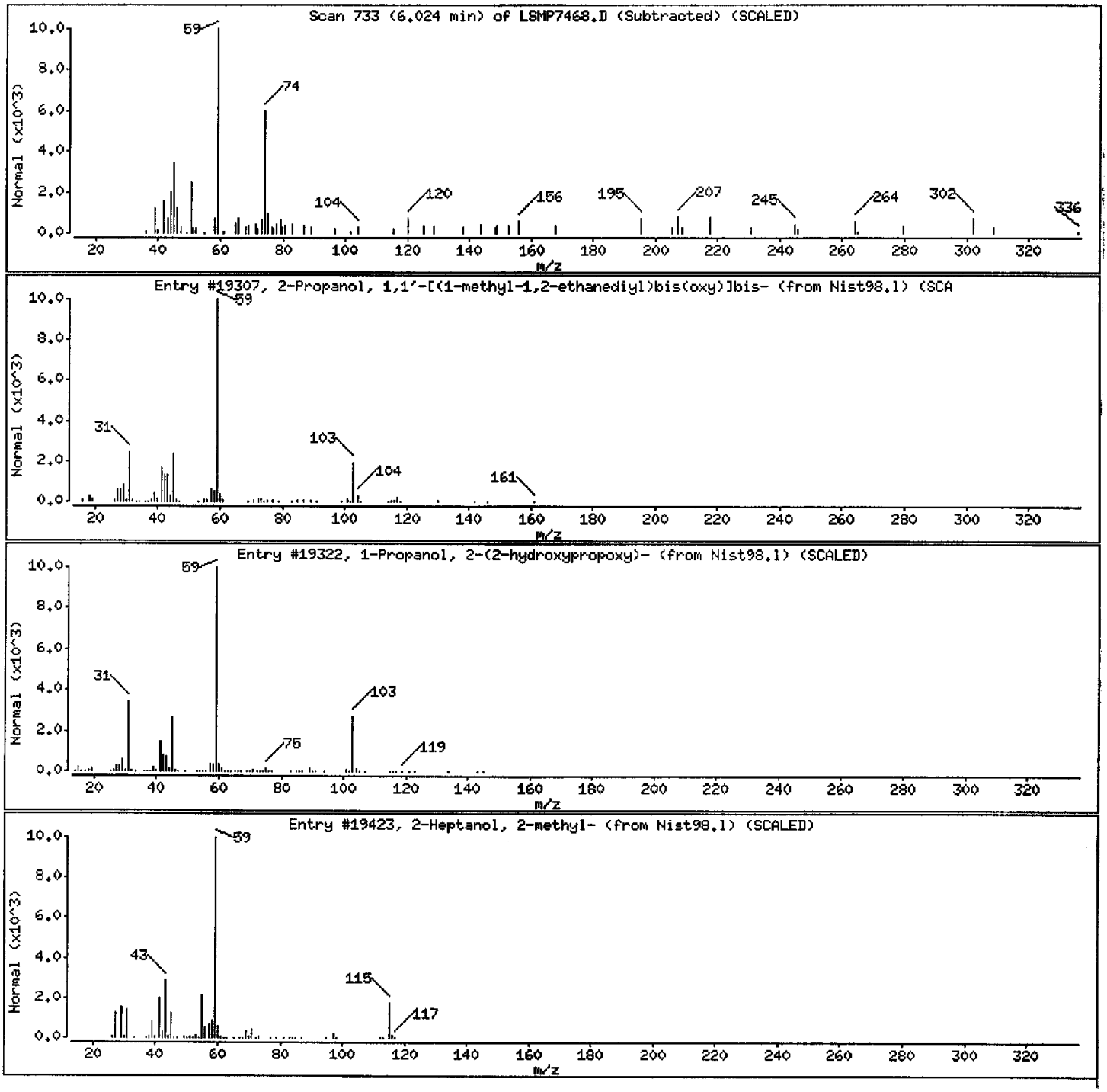
Purge Volume: 25.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Propanol, 1,1'-[(1-methyl-1,2-ethanedi	1638-16-0	Nist98.l	19307	23	C9H2004	192
1-Propanol, 2-(2-hydroxypropoxy)-	106-62-7	Nist98.l	19322	23	C6H1403	134
2-Heptanol, 2-methyl-	625-25-2	Nist98.l	19423	17	C8H180	130



Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

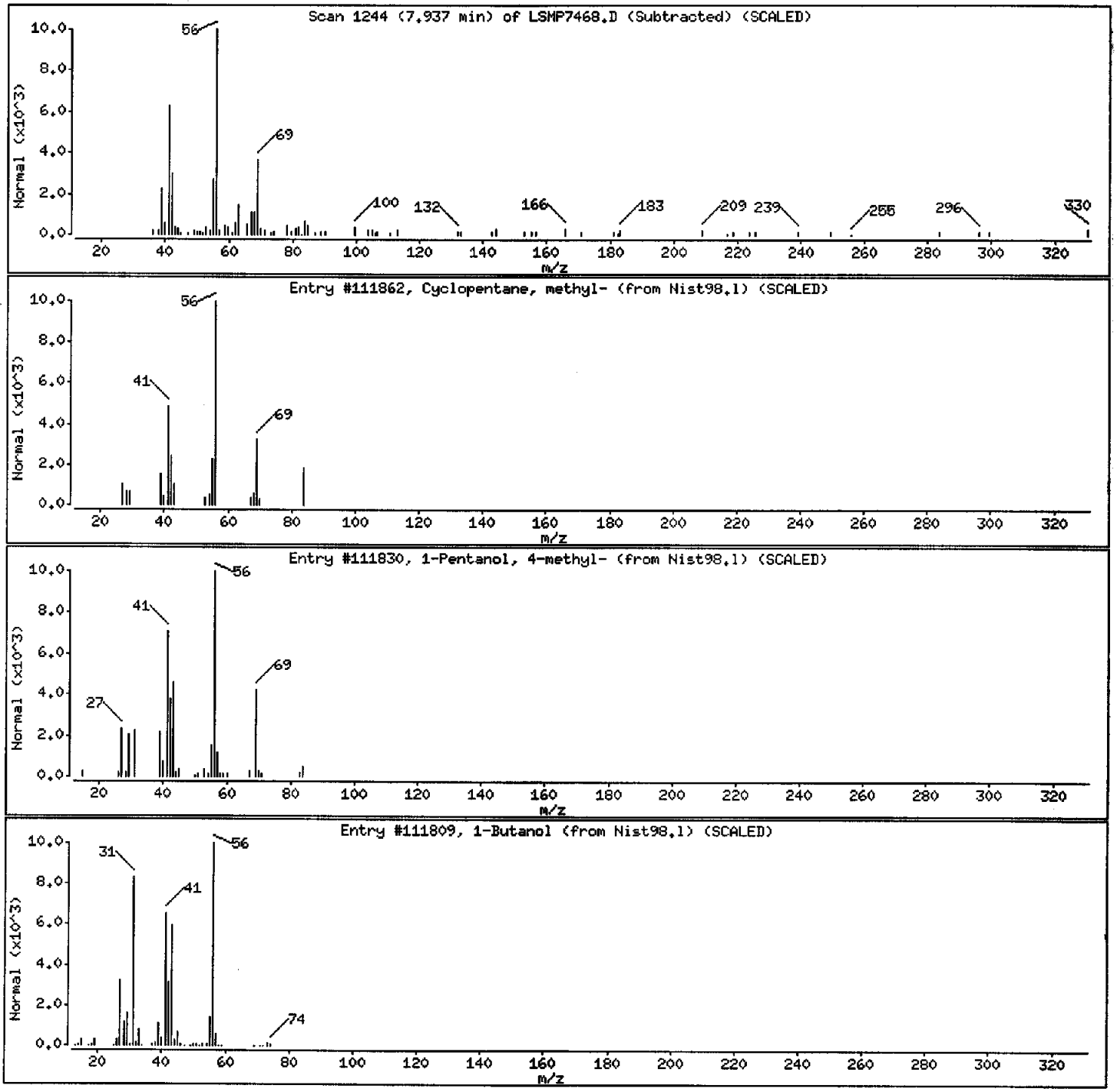
Purge Volume: 25.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopentane, methyl-	96-37-7	Nist98.l	111862	72	C6H12	84
1-Pentanol, 4-methyl-	626-89-1	Nist98.l	111830	59	C6H140	102
1-Butanol	71-36-3	Nist98.l	111809	59	C4H10O	74



Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7468.D

Date : 24-DEC-2007 18:03

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX1AA

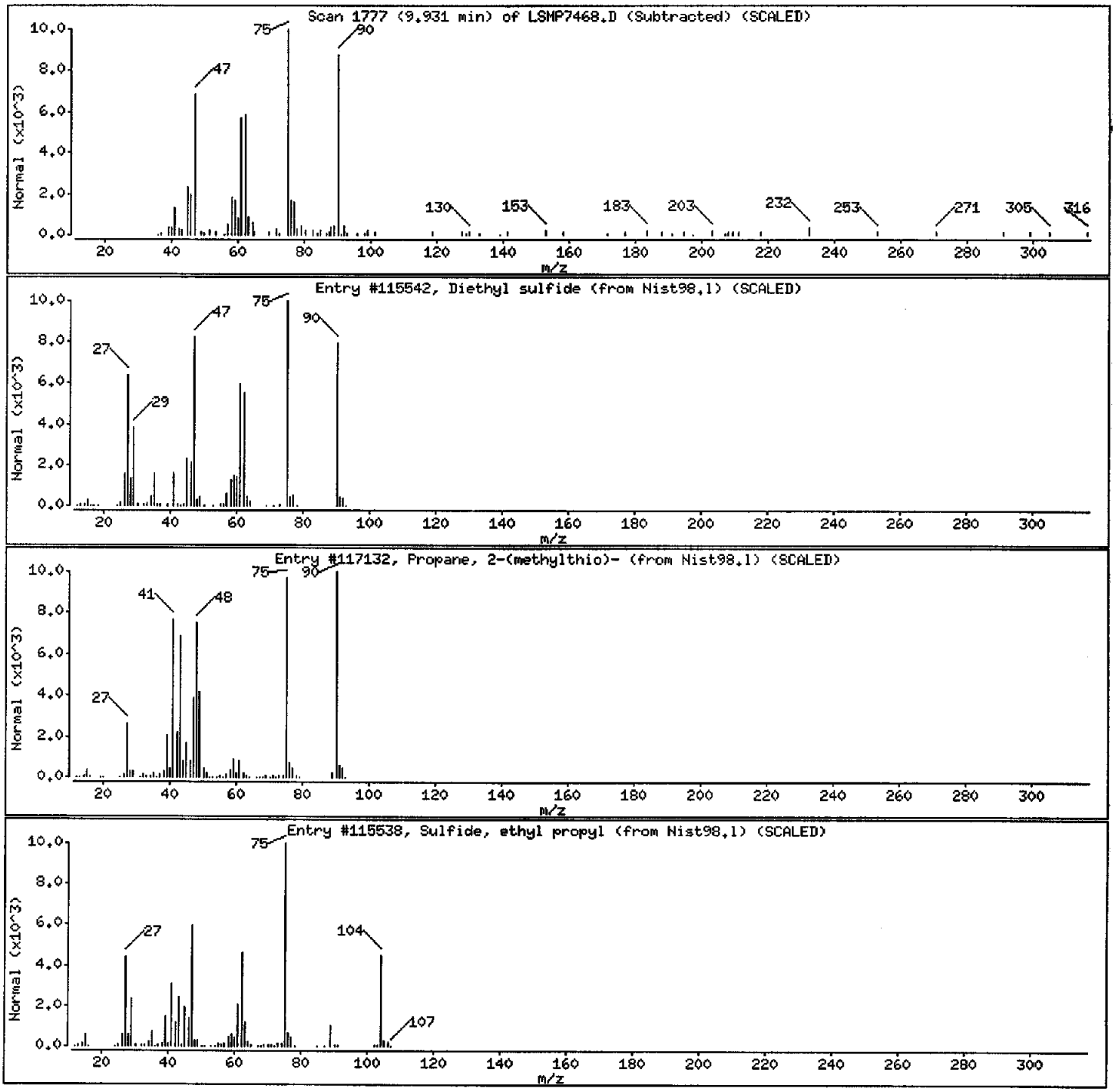
Purge Volume: 25.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
~~Unknown~~ ae 12/26/07						
Diethyl sulfide	352-93-2	Nist98.l	115542	94	C4H10S	90
Propane, 2-(methylthio)-	1551-21-9	Nist98.l	117132	50	C4H10S	90
Sulfide, ethyl propyl	4110-50-3	Nist98.l	115538	25	C5H12S	104



Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7513.D
Report Date: 28-Dec-2007 14:17

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7513.D
Lab Smp Id: KEKNX2AA Client Smp ID: M-5A
Inj Date : 27-DEC-2007 18:09
Operator : XIA Inst ID: MSL.i
Smp Info : KEKNX2AA
Misc Info : VBLKL361A;F7L200290-001;7362155;100X
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	0.25000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	8 Diethyl ether	59	5.792	5.792	(0.599)	84504	12.7073	1271
	15 Methylene Chloride	84	6.963	6.967	(0.720)	36590	2.08095	208.1
	24 1,1-Dichloroethane	63	7.880	7.872	(0.815)	24515	0.61389	61.39(M)
$	36 Dibromofluoromethane	113	8.909	8.905	(0.921)	139753	11.9310	1193
	40 Benzene	78	9.317	9.313	(0.963)	36798	0.40256	40.26
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	110832	12.0320	1203(R)
*	45 Fluorobenzene	96	9.673	9.672	(1.000)	790094	10.0000	
$	57 Toluene-d8	98	11.084	11.083	(0.885)	777396	8.79040	879.0
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	591485	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	4235194	66.7614	6676(A)
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	193228	10.3821	1038
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.721	(1.000)	189400	10.0000	
	95 1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	25301	0.73568	73.57(H)
	98 1,2-Dichlorobenzene	146	15.192	15.162	(1.032)	11048	0.42819	42.82(MH)

12/28/07

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7513.D
Report Date: 28-Dec-2007 14:17

STL St. Louis

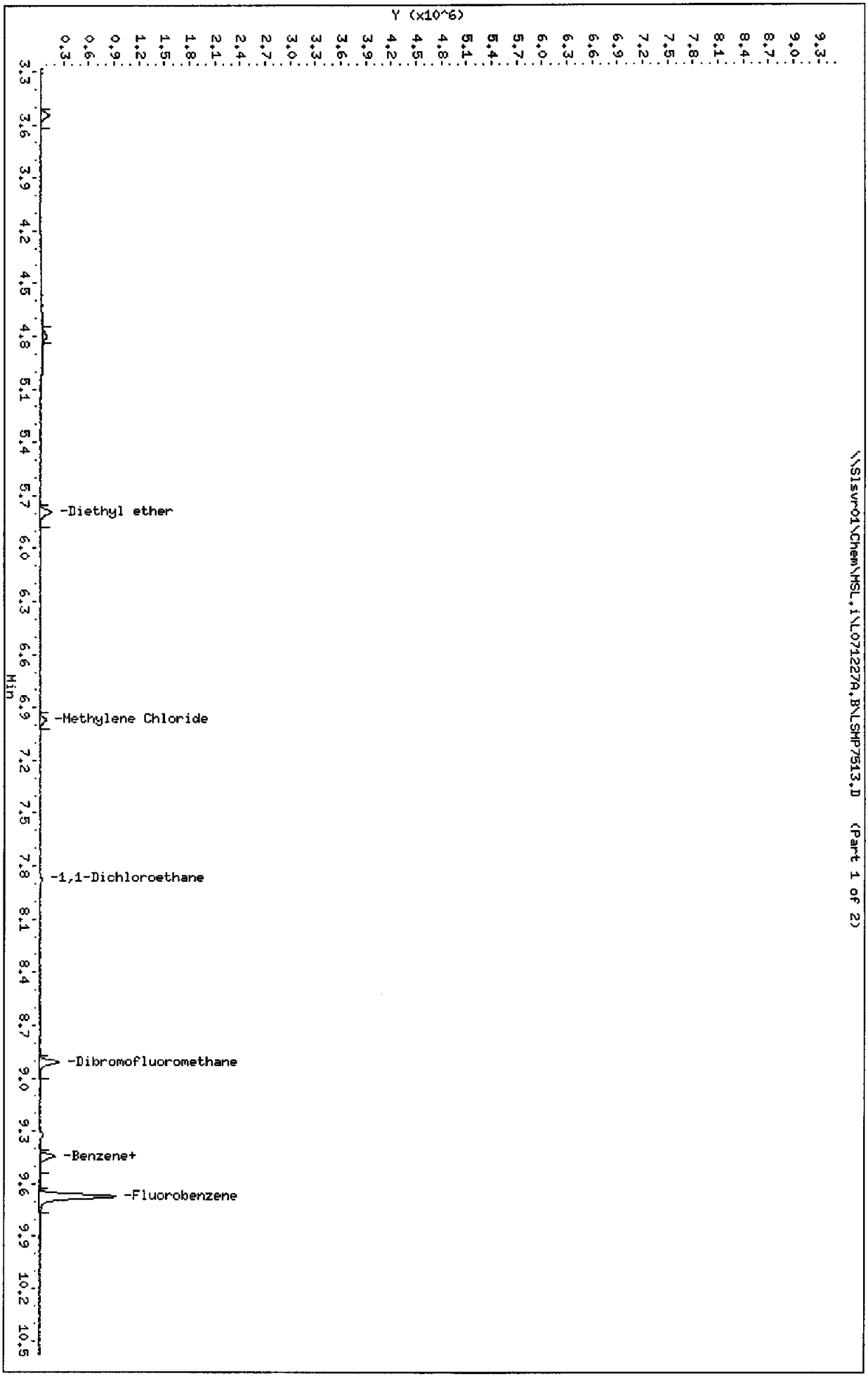
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

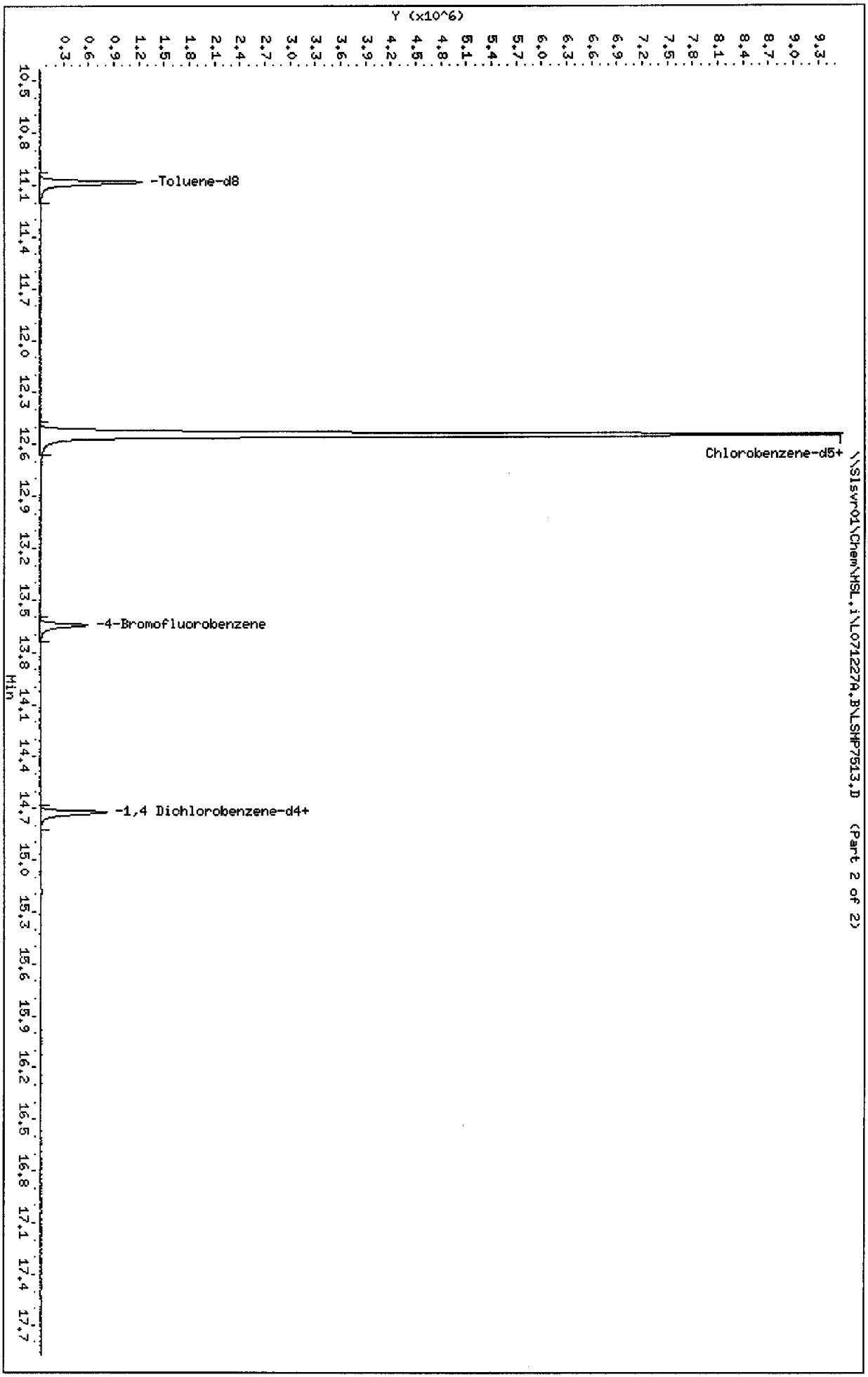
Instrument ID: MSL.i
Lab File ID: LSMP7513.D
Lab Smp Id: KEKNX2AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 27-DEC-2007
Calibration Time: 11:33
Client Smp ID: M-5A
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;F7L200290-001;7362155;100X

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1414972	707486	2829944	790094	-44.16
70 Chlorobenzene-d5	860970	430485	1721940	591485	-31.30
94 1,4 Dichlorobenze	346015	173008	692030	189400	-45.26

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.73	0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7513.D
Date : 27-DEC-2007 18:09
Client ID: M-5A
Sample Info: KEKNX2AA
Purge Volume: 0.3
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7513.D (Part 1 of 2)
Y (x10^6)
Min
-Diethyl ether
-Methylene Chloride
-1,1-Dichloroethane
-Dibromofluoromethane
-Benzene+
-Fluorobenzene


Data File: \\Slsvr01\Chem\MSL,i\L071227A,B\LSMP7513,D
Date : 27-DEC-2007 18:09
Client ID: M-5A
Sample Info: KEKNX2AA
Purge Volume: 0.3
Column phase: RTX-502.2
Instrument: MSL,i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
-Toluene-d8
Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4+
\\Slsvr01\Chem\MSL,i\L071227A,B\LSMP7513,D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7513.D

Date : 27-DEC-2007 18:09

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX2AA

Purge Volume: 0.3

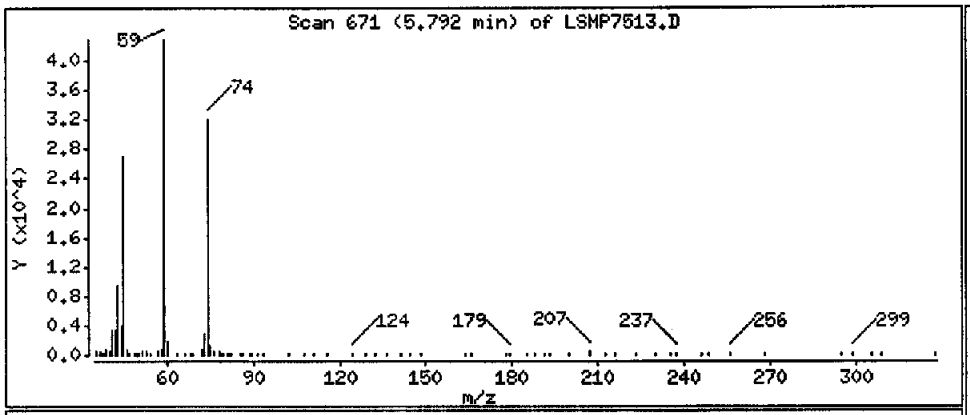
Operator: XIA

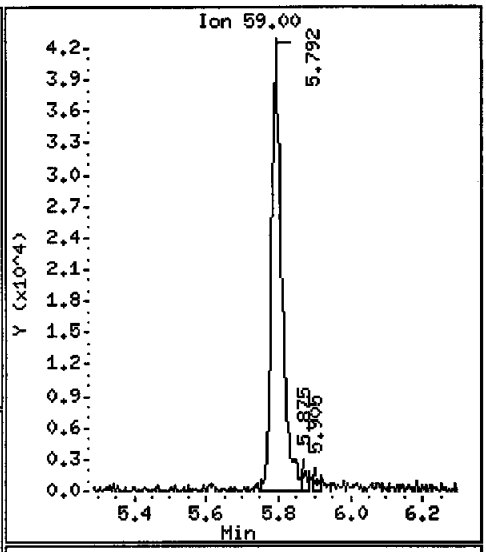
Column phase: RTX-502.2

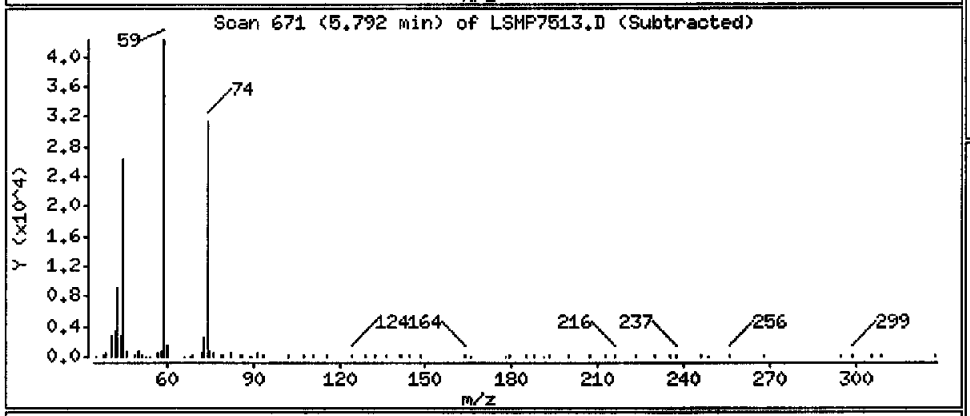
Column diameter: 0.25

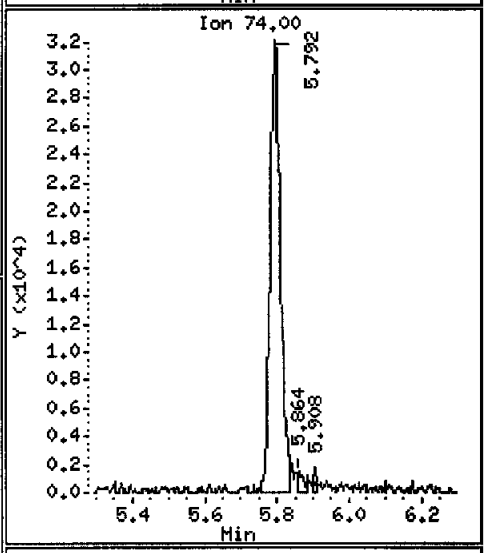
8 Diethyl ether

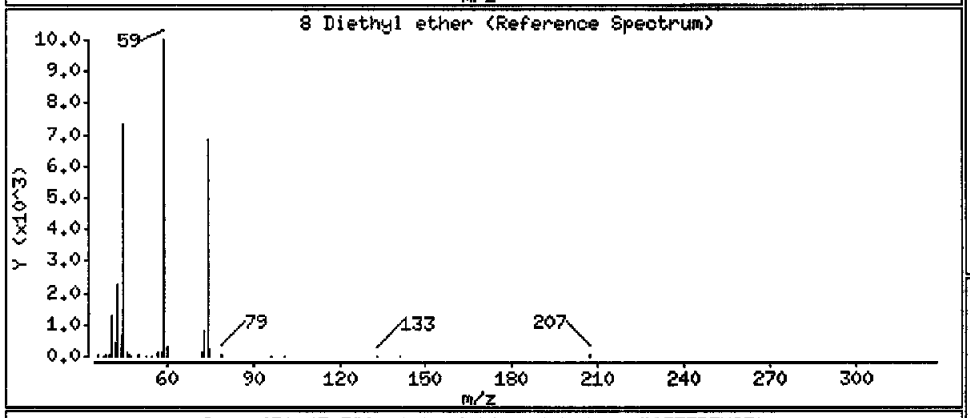
Concentration: 1271 ug/L

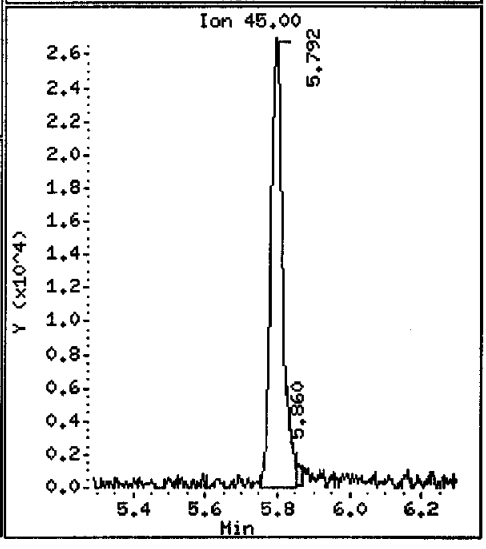


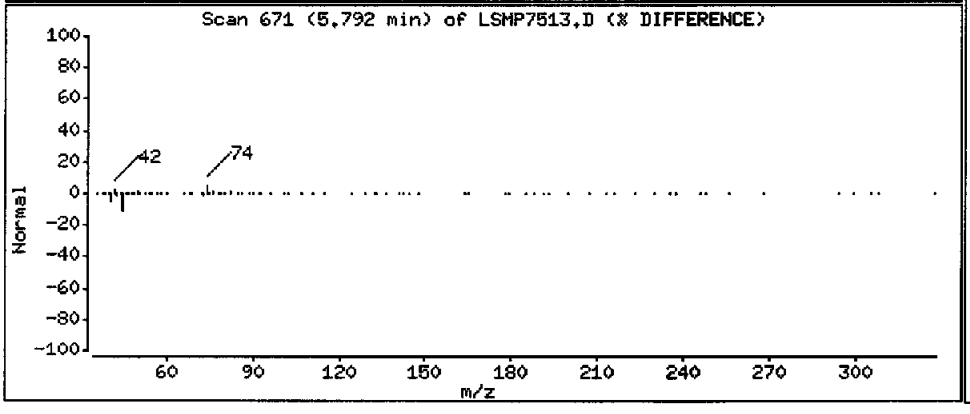












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7513.D

Date : 27-DEC-2007 18:09

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX2AA

Purge Volume: 0.3

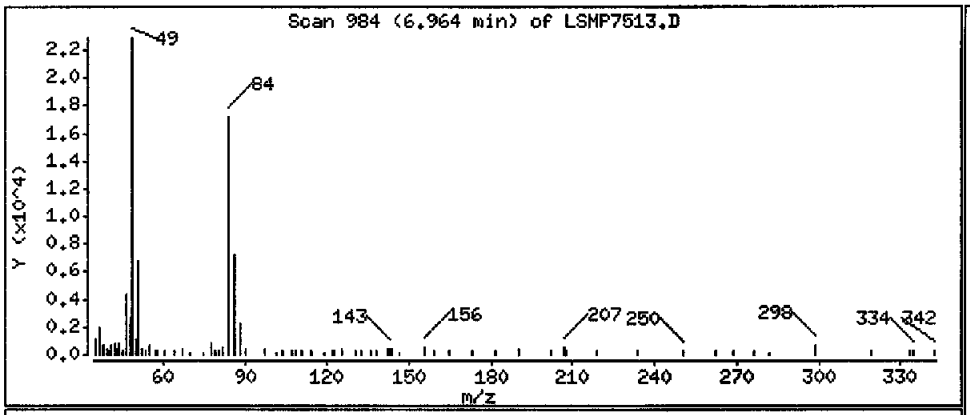
Operator: XIA

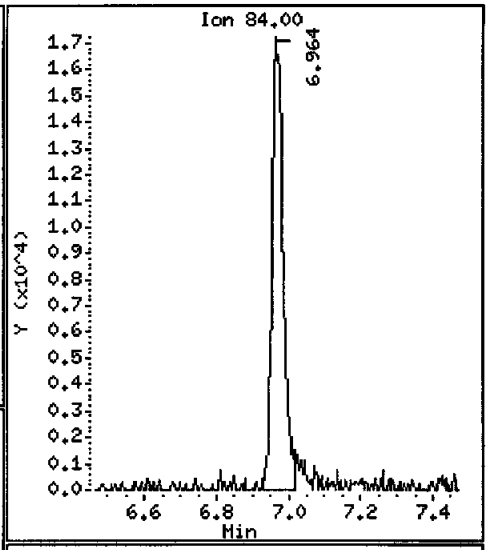
Column phase: RTX-502.2

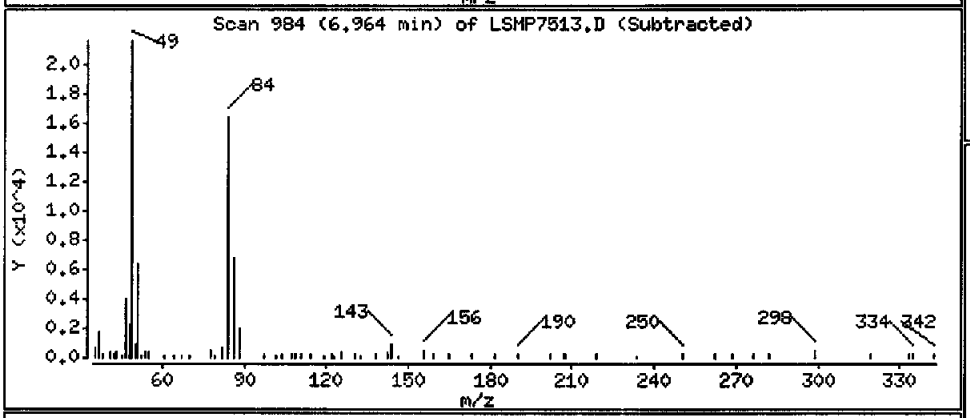
Column diameter: 0.25

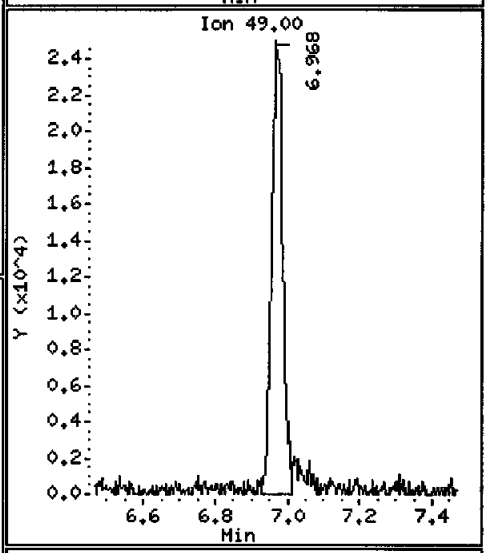
15 Methylene Chloride

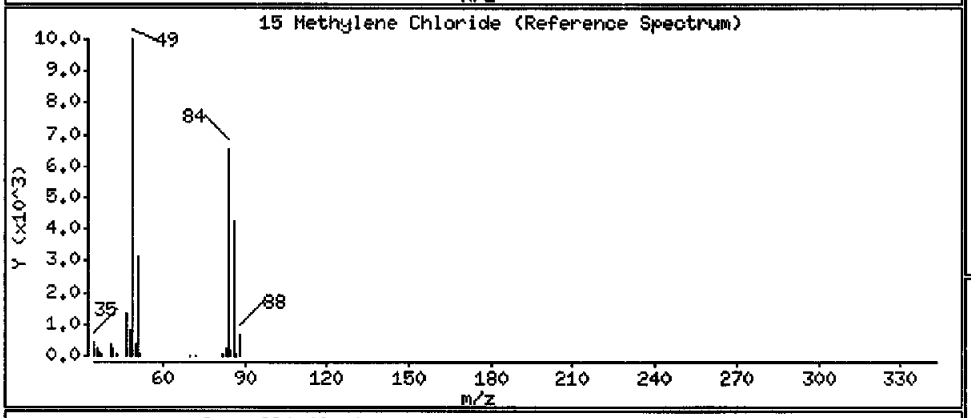
Concentration: 208.1 ug/L

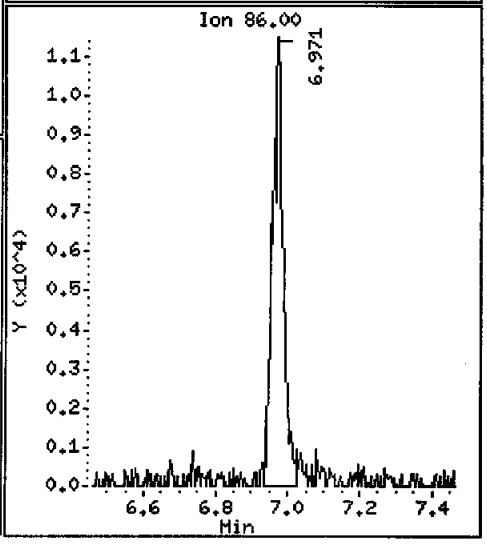


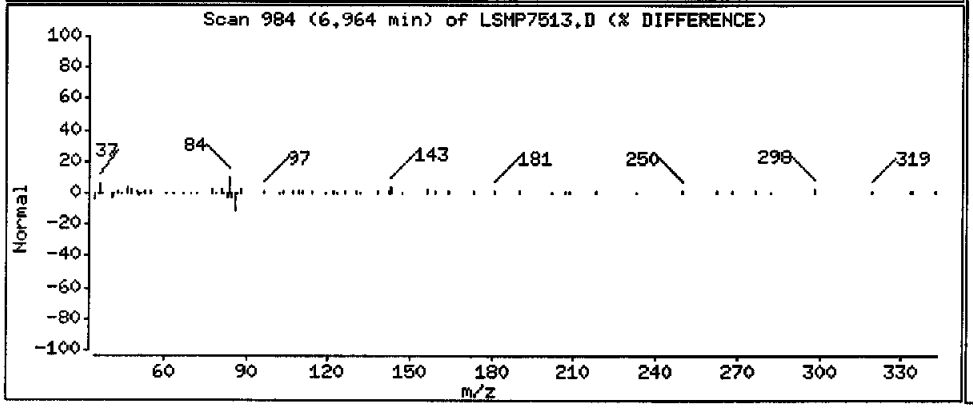












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7513.D

Date : 27-DEC-2007 18:09

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX2AA

Purge Volume: 0.3

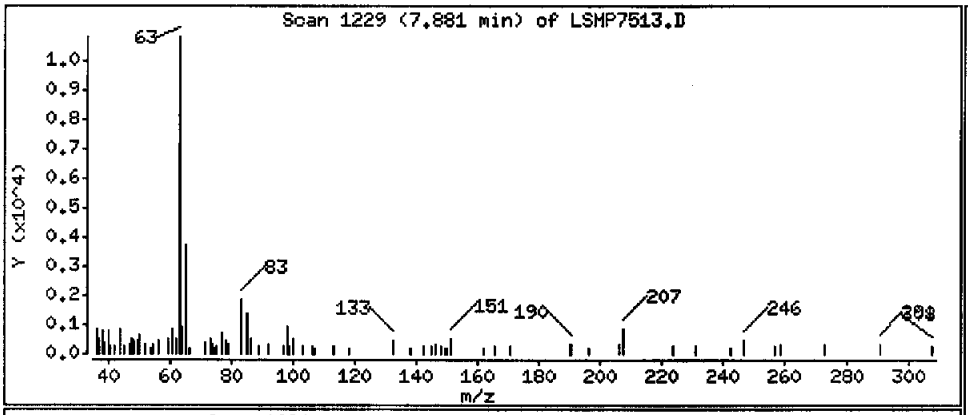
Operator: XIA

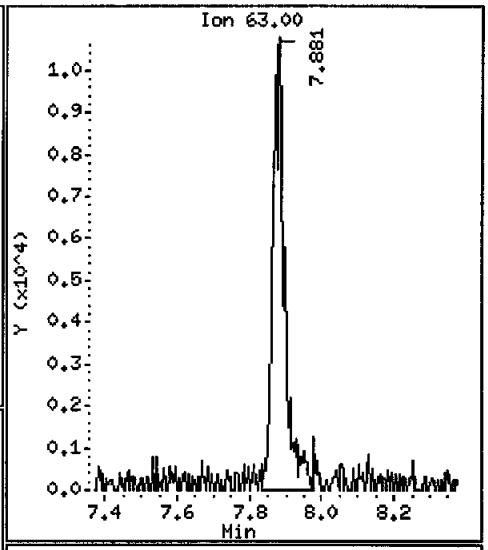
Column phase: RTX-502.2

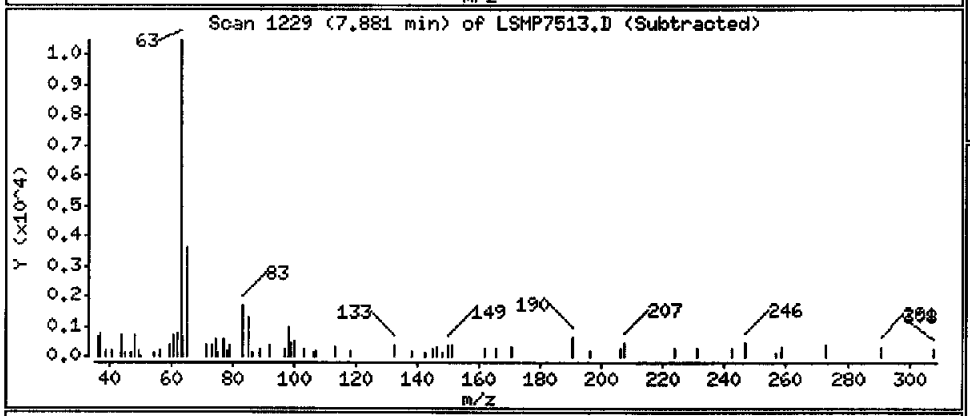
Column diameter: 0.25

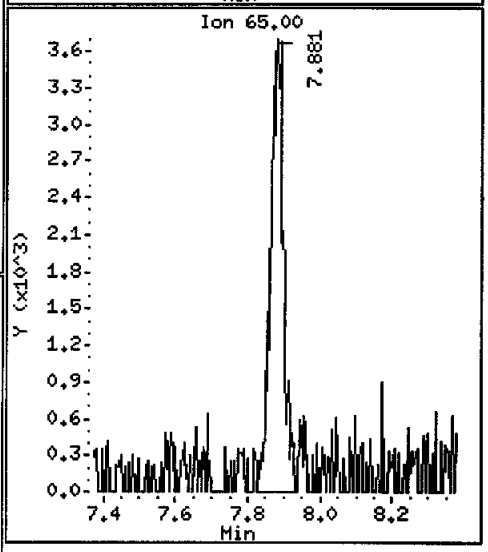
24 1,1-Dichloroethane

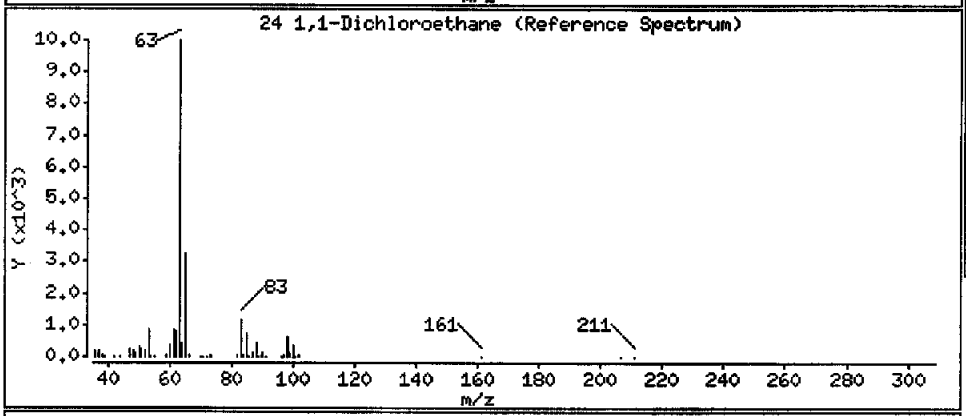
Concentration: 61.39 ug/L

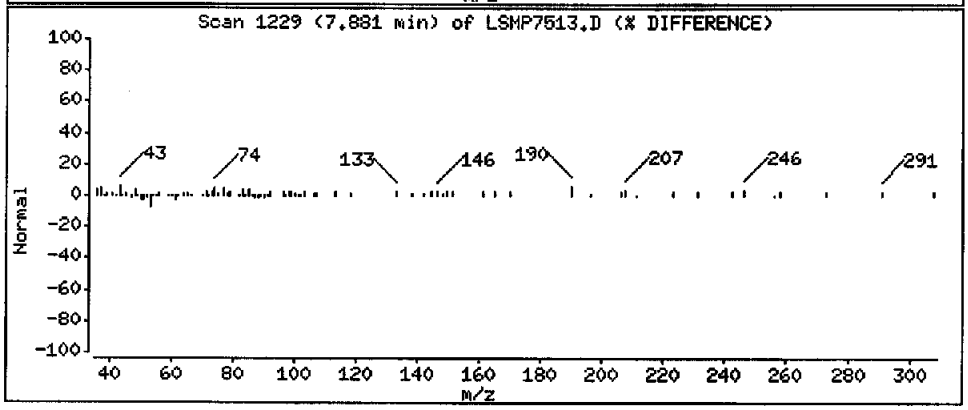












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7513.D

Date : 27-DEC-2007 18:09

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX2AA

Purge Volume: 0.3

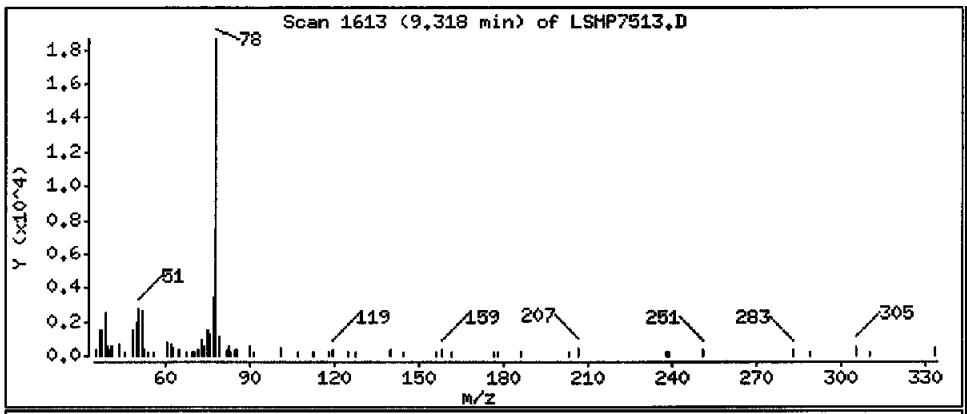
Operator: XIA

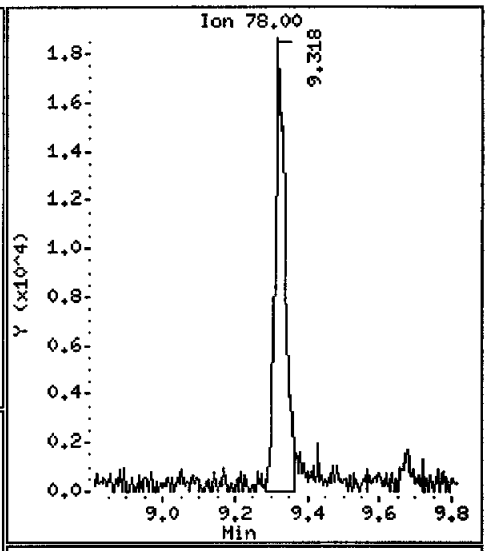
Column phase: RTX-502.2

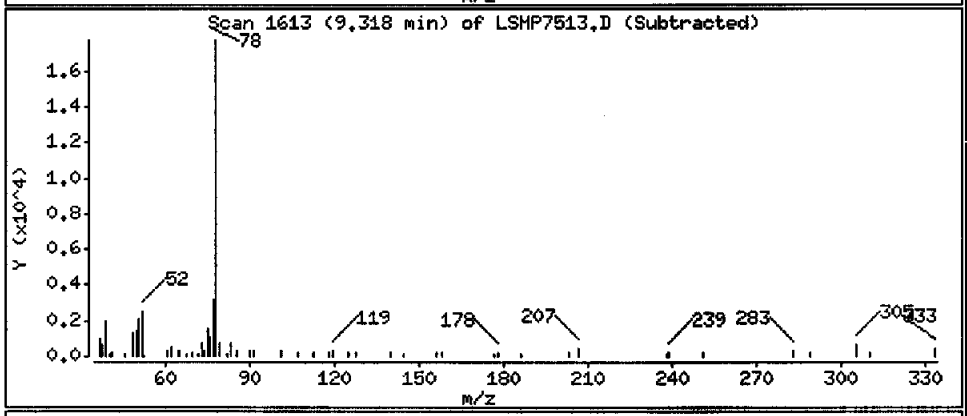
Column diameter: 0.25

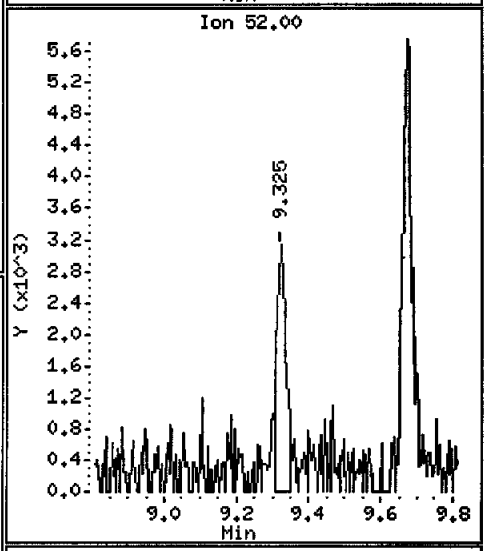
40 Benzene

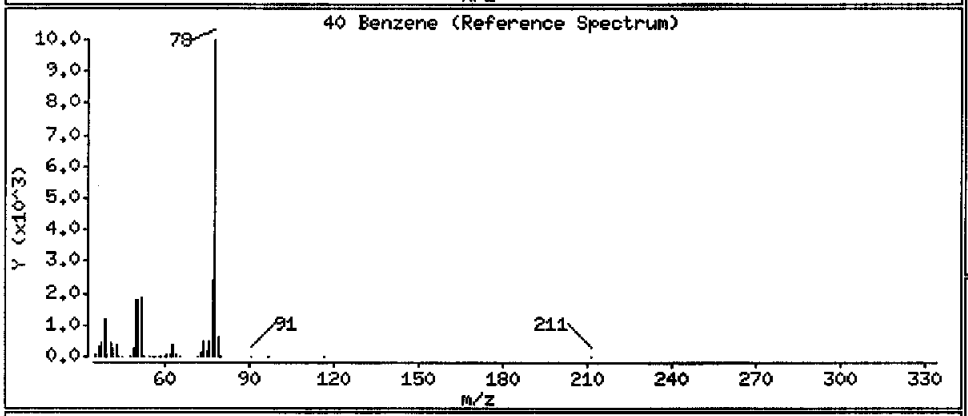
Concentration: 40.26 ug/L

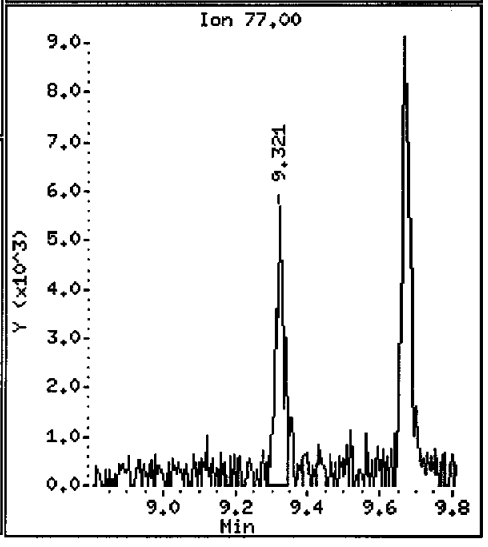


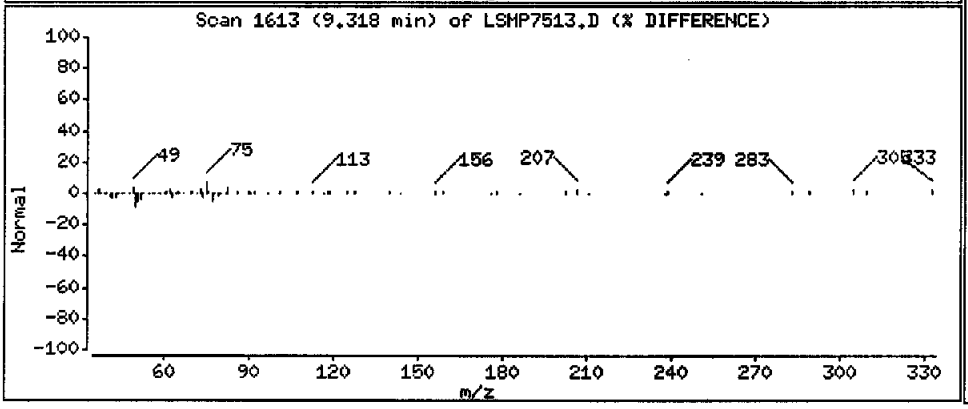












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7513.D

Date : 27-DEC-2007 18:09

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX2AA

Purge Volume: 0.3

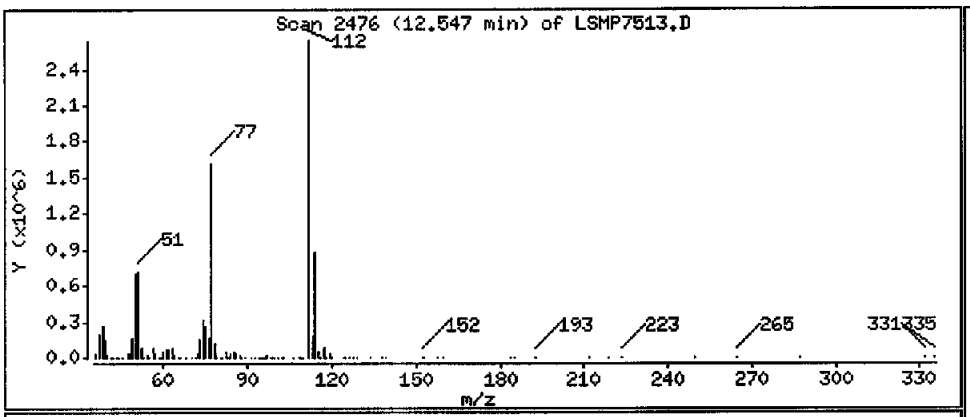
Operator: XIA

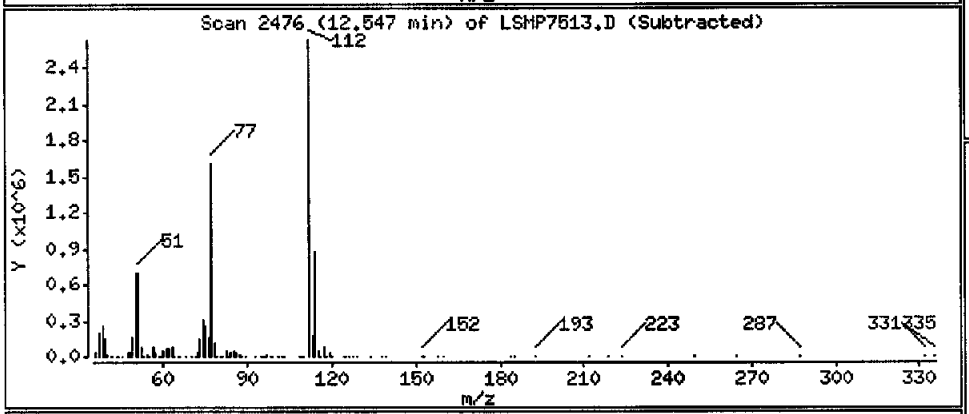
Column phase: RTX-502.2

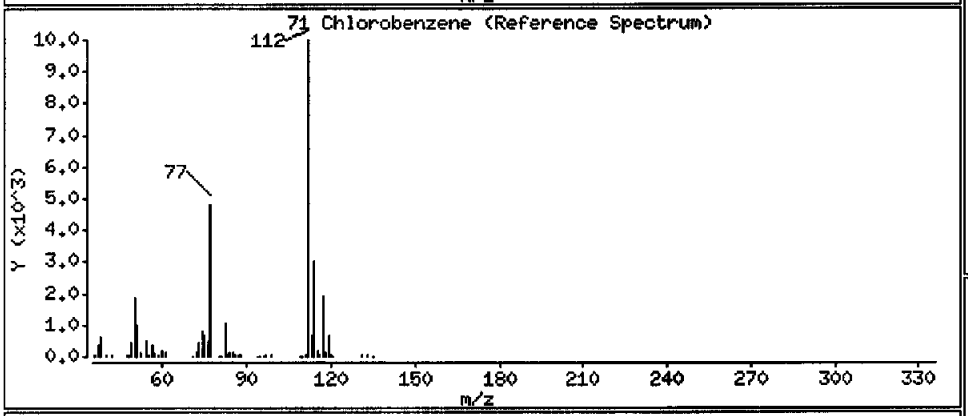
Column diameter: 0.25

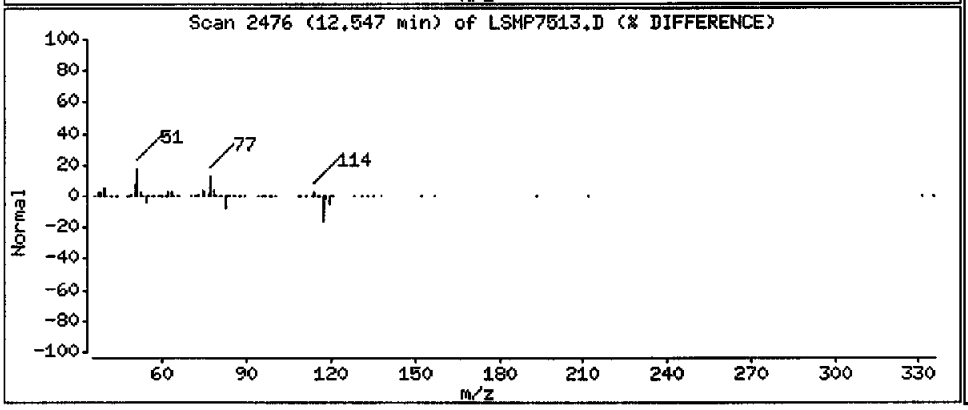
71 Chlorobenzene

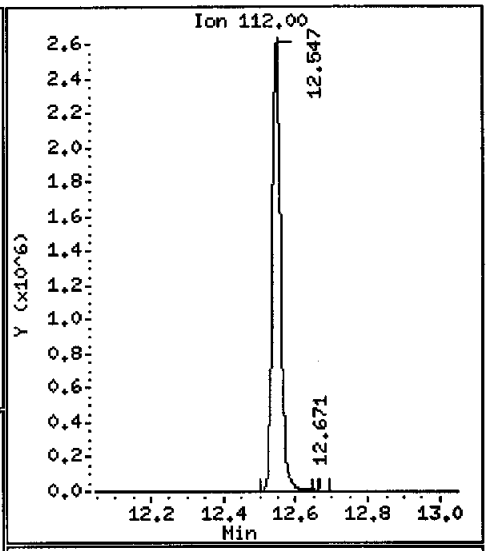
Concentration: 6676 ug/L

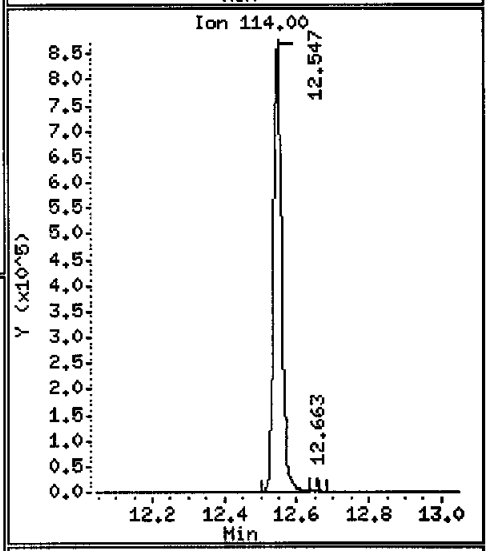


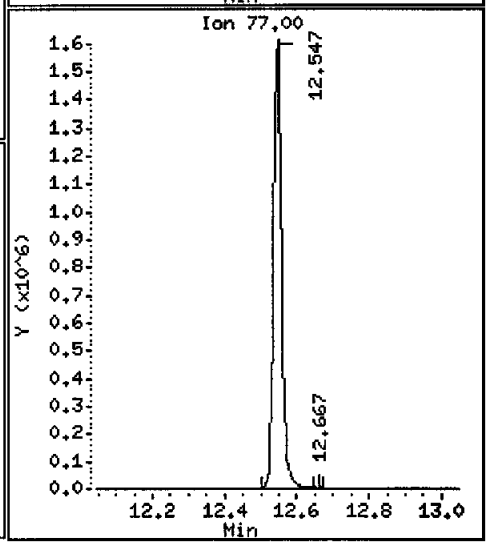












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7513.D

Date : 27-DEC-2007 18:09

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX2AA

Purge Volume: 0.3

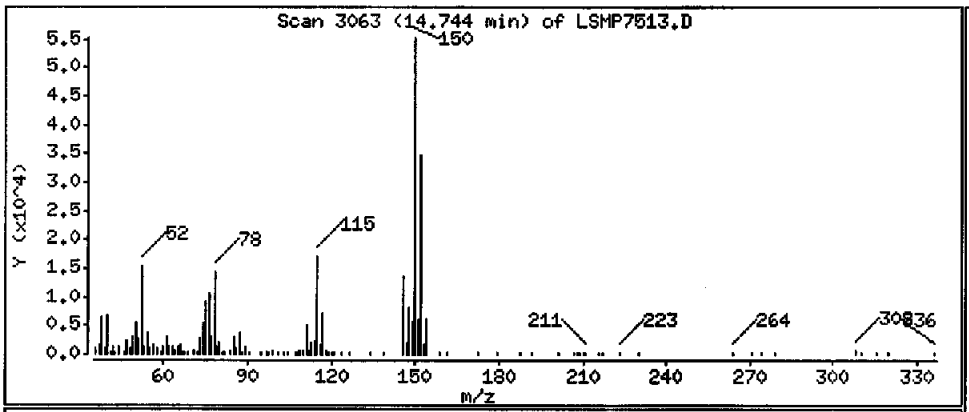
Operator: XIA

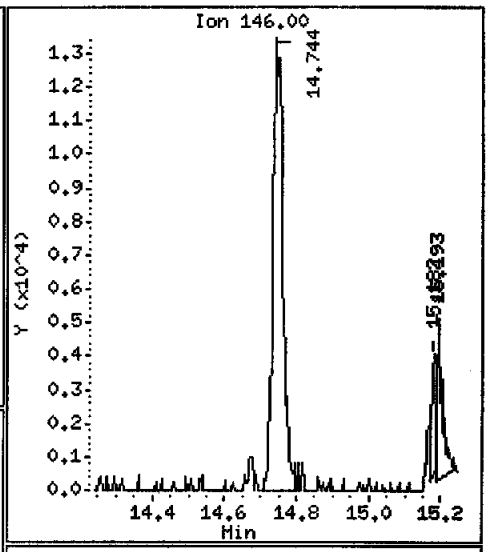
Column phase: RTX-502.2

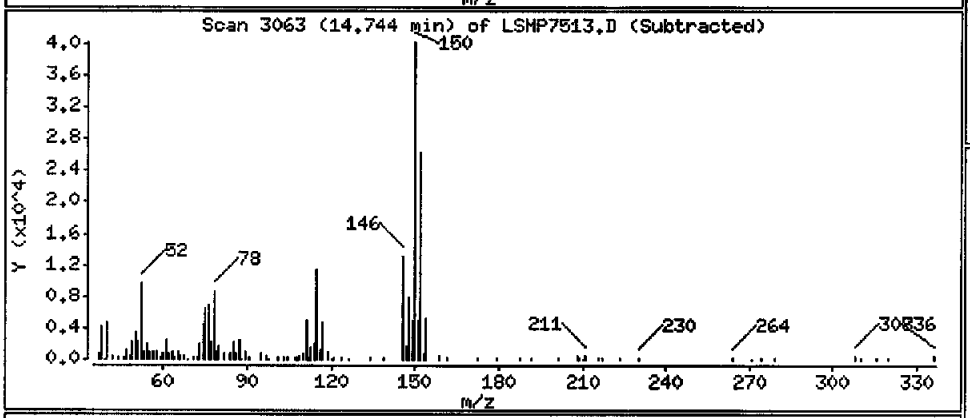
Column diameter: 0.25

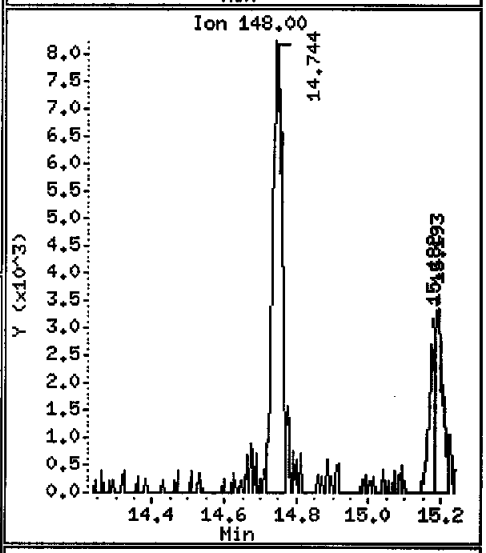
95 1,4-Dichlorobenzene

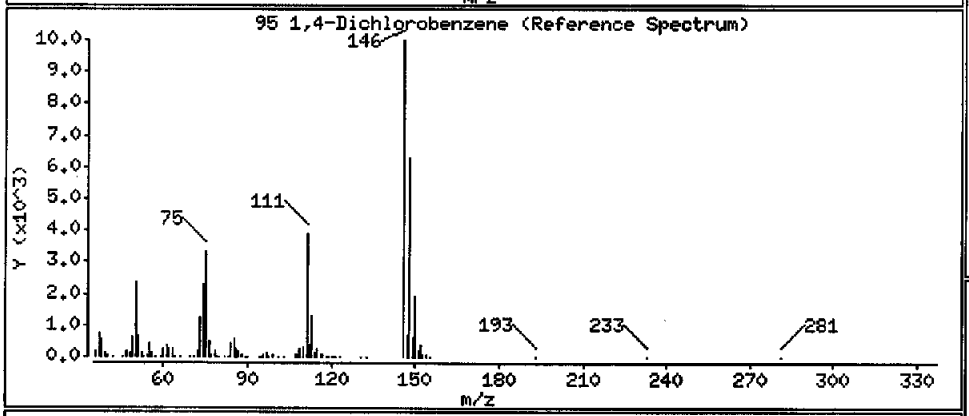
Concentration: 73.57 ug/L

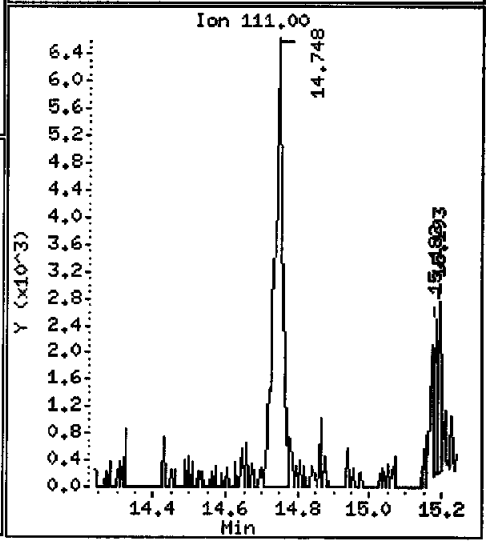


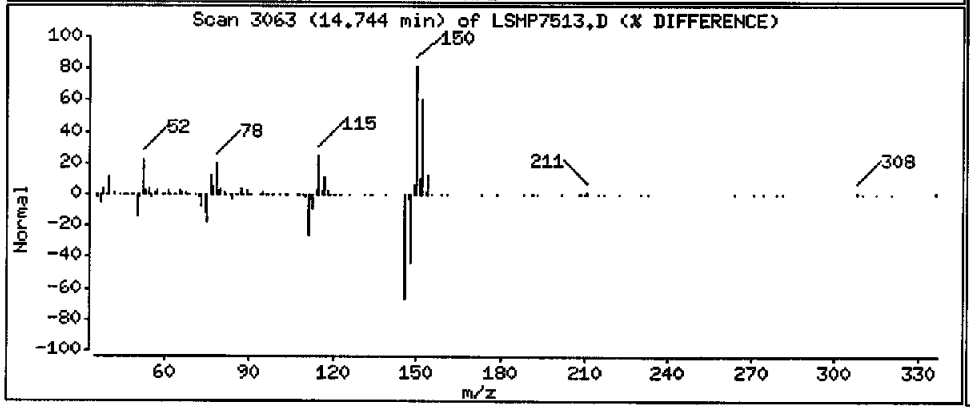












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7513.D

Date : 27-DEC-2007 18:09

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX2AA

Purge Volume: 0.3

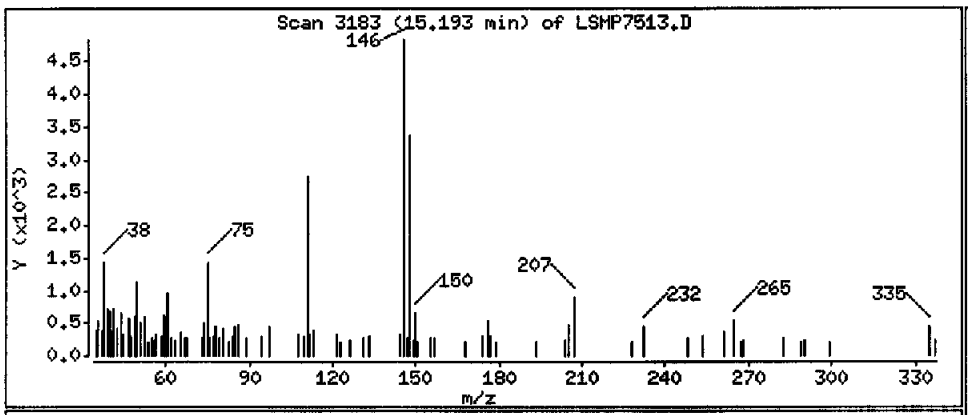
Operator: XIA

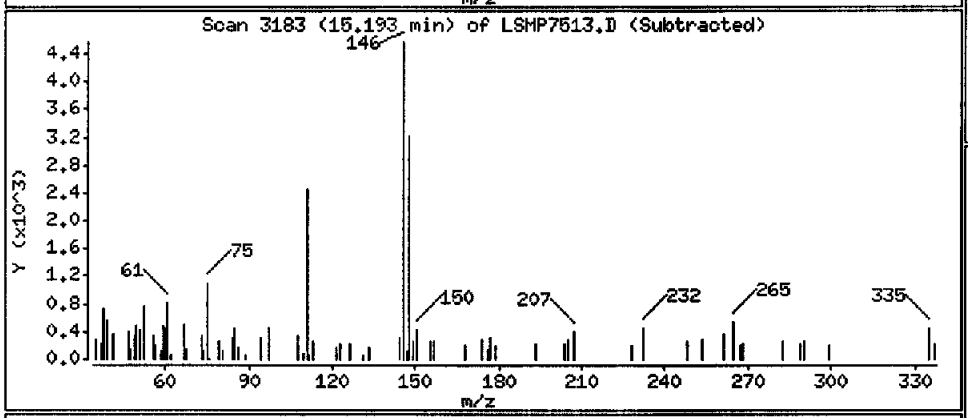
Column phase: RTX-502.2

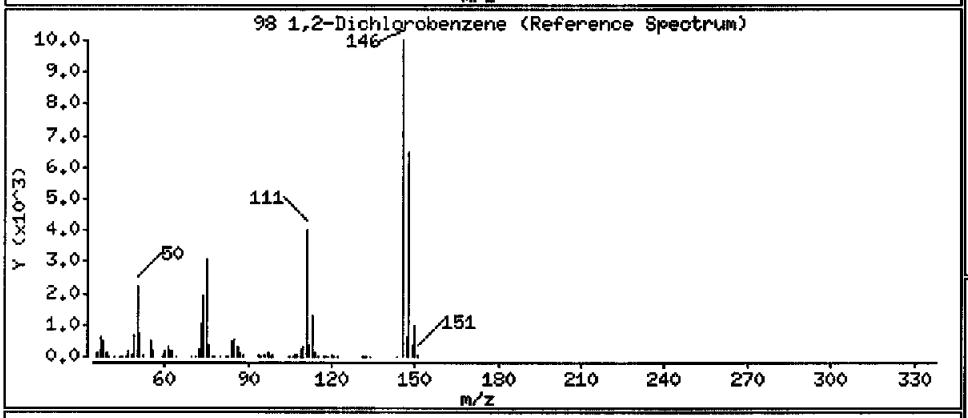
Column diameter: 0.25

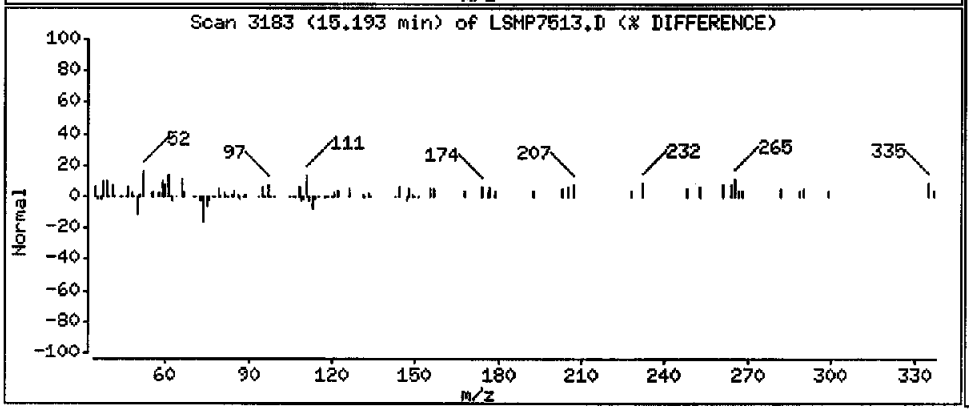
98 1,2-Dichlorobenzene

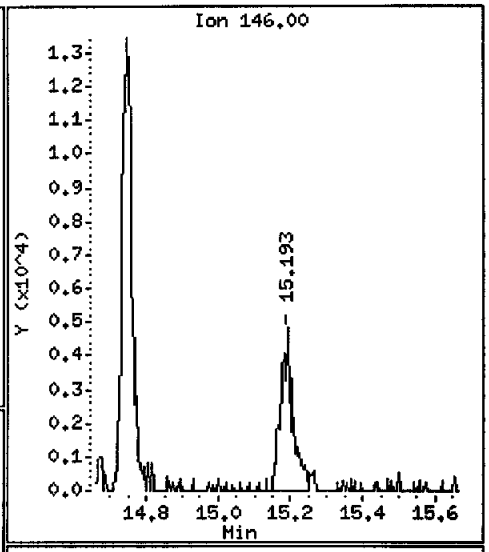
Concentration: 42.82 ug/L

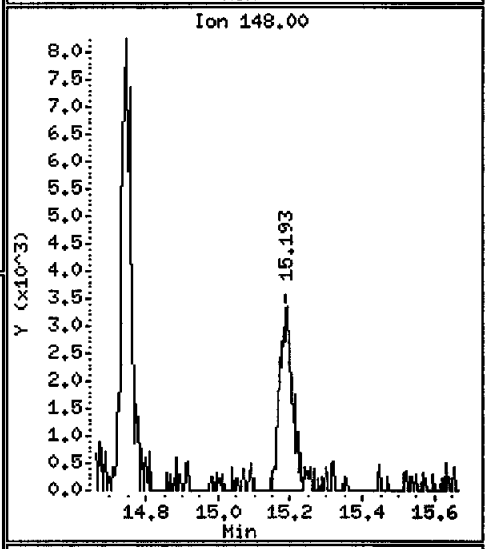


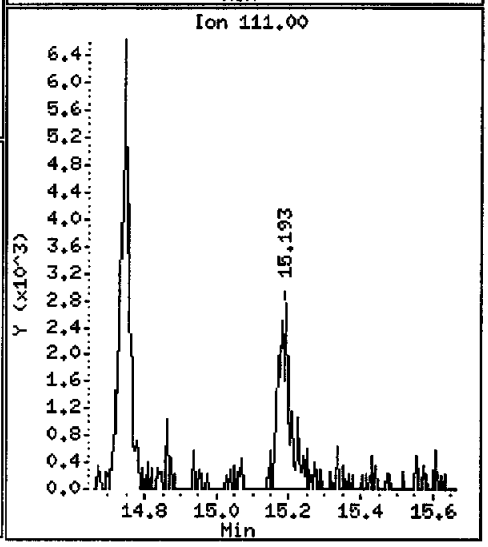






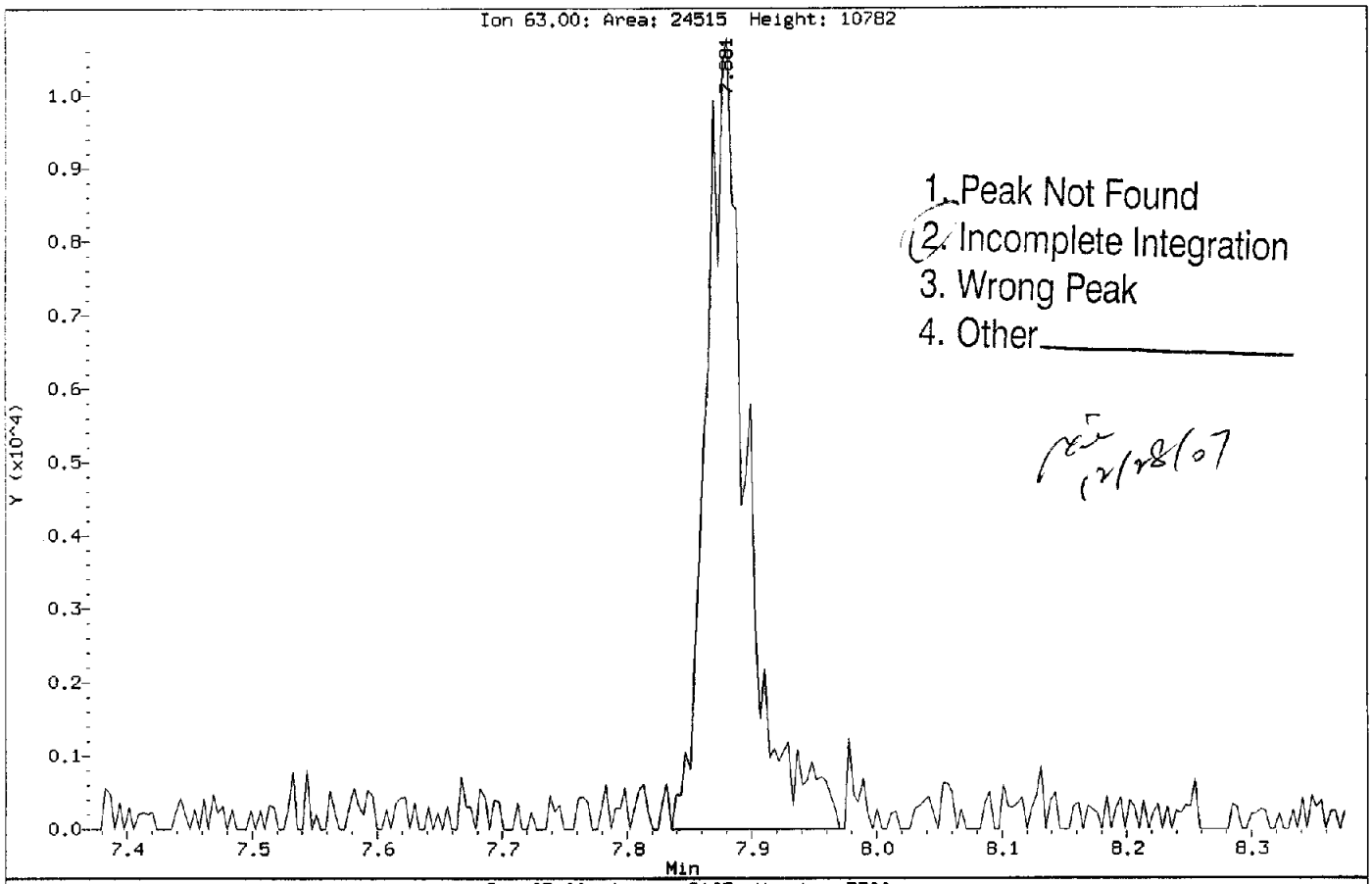


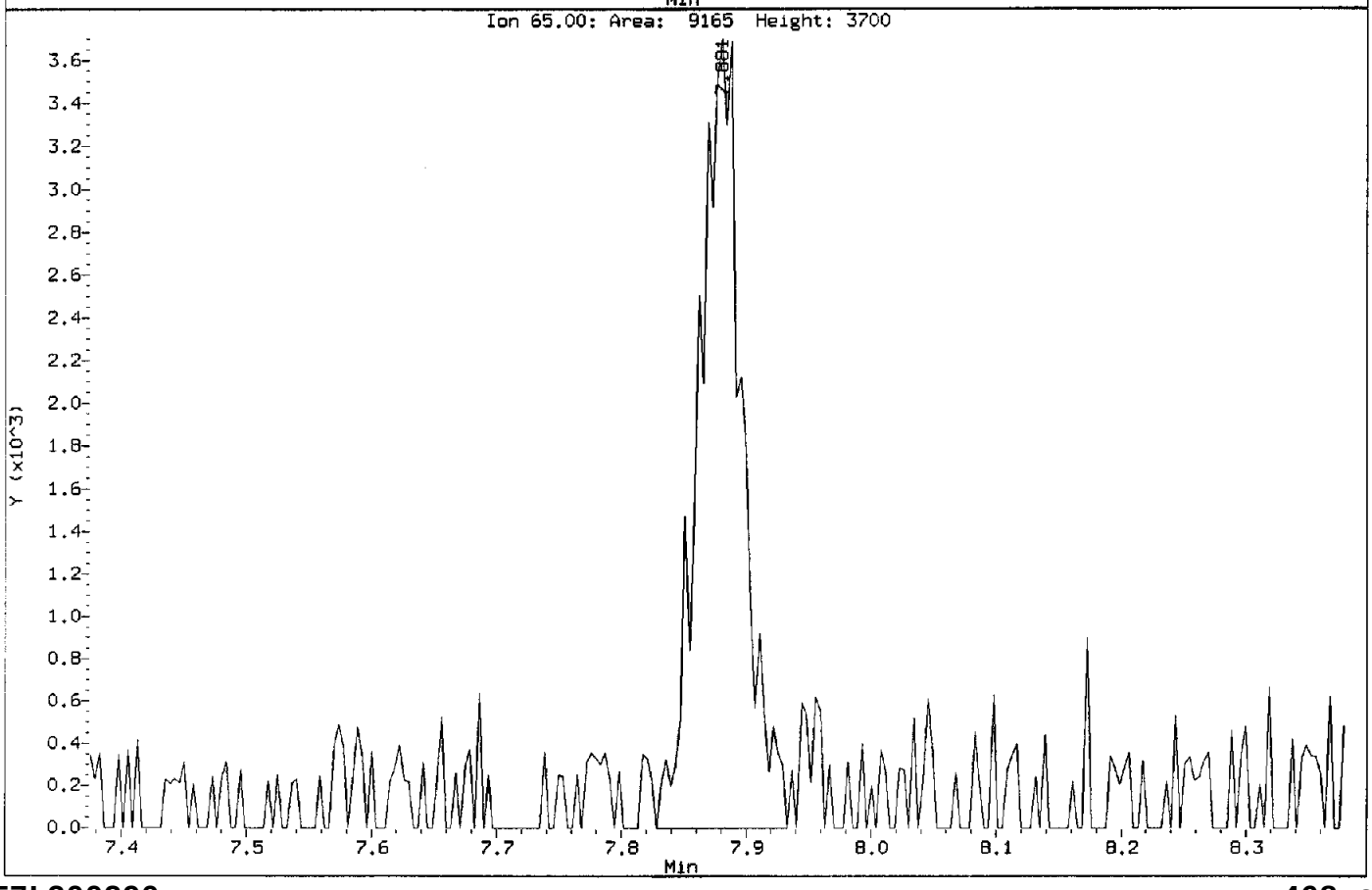




Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7513.D
Injection Date: 27-DEC-2007 18:09
Instrument: MSL.i
Client Sample ID: M-5A

Compound: 1,1-Dichloroethane
CAS Number: 75-34-3





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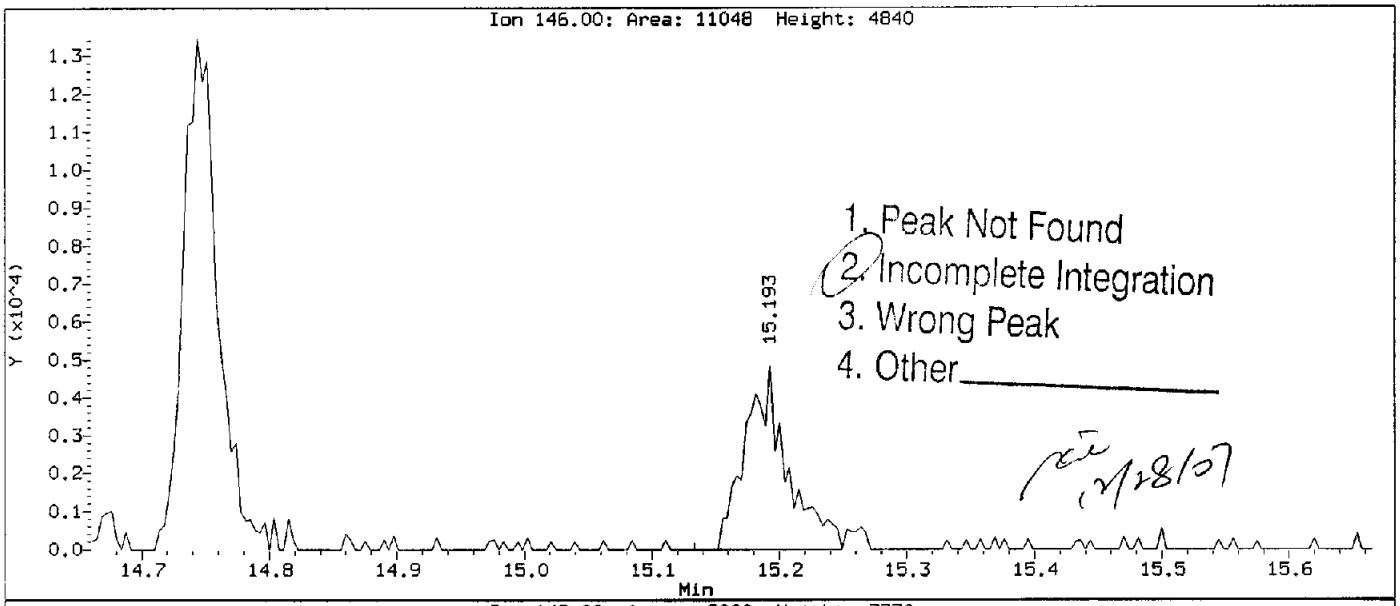
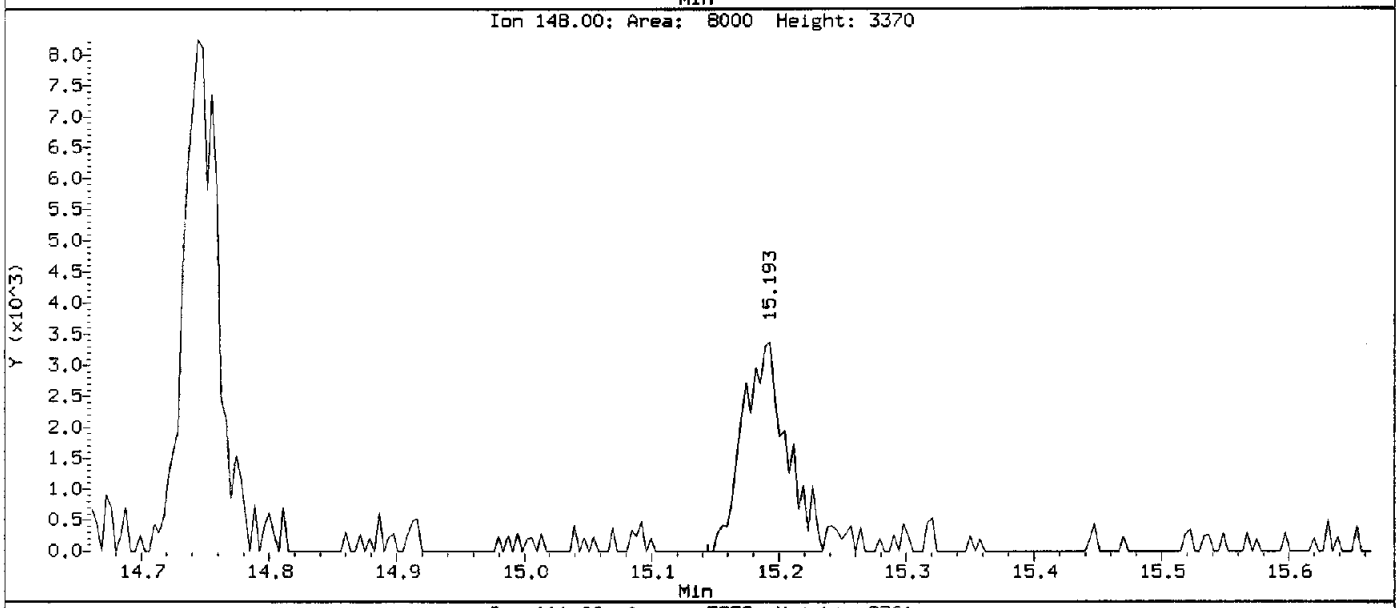
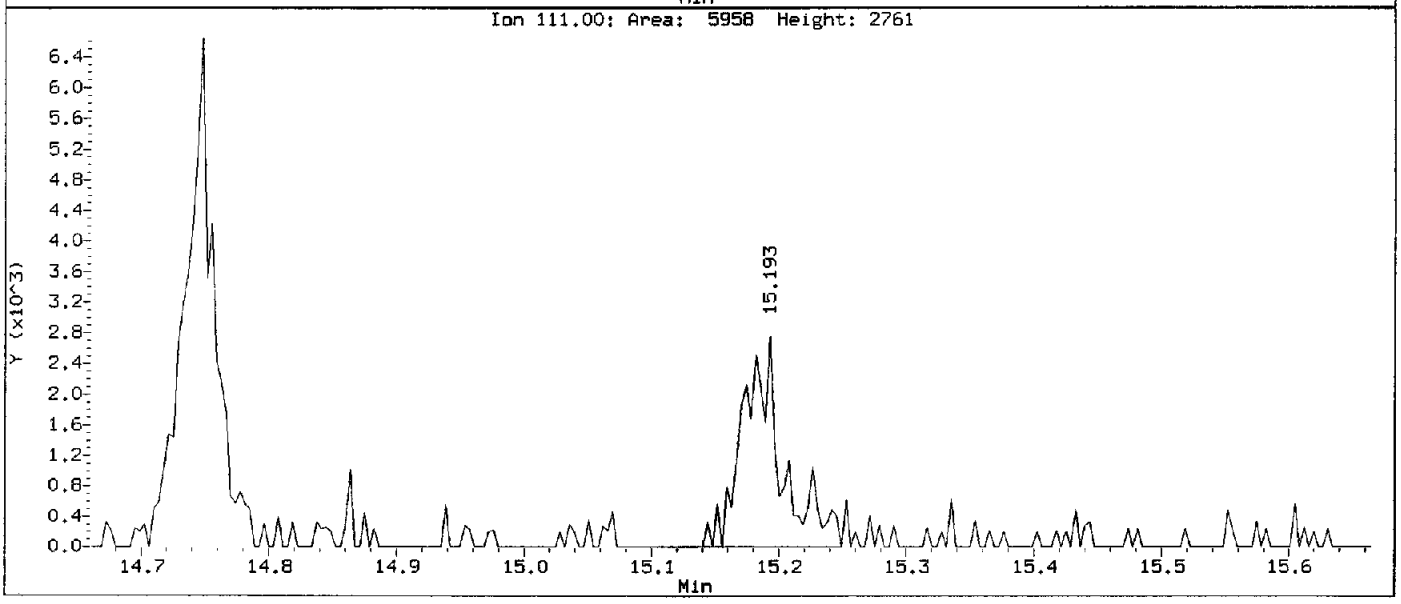
Instrument: MSL.i
Client Sample ID: M-5A

Compound: 1,2-Dichlorobenzene
CAS Number: 95-50-1







Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7573.D
Report Date: 02-Jan-2008 10:13

TestAmerica St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7573.D
Lab Smp Id: KEKNX3AA Client Smp ID: M-5A
Inj Date : 31-DEC-2007 20:39
Operator : XIA Inst ID: MSL.i
Smp Info : KEKNX3AA
Misc Info : VBLKL365A;F7L200290-001;8002105;1000X
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m
Meth Date : 02-Jan-2008 09:35 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	0.02500	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	8 Diethyl ether	59	5.796	5.792	(0.599)	6292	1.37834	1378(M)
	15 Methylene Chloride	84	6.967	6.963	(0.721)	15131	1.25360	1254(M)
$	36 Dibromofluoromethane	113	8.909	8.906	(0.921)	99187	12.3356	12340(R)
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.977)	82201	13.0000	13000(R)
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	542359	10.0000	
$	57 Toluene-d8	98	11.087	11.084	(0.885)	533428	9.40992	9410
	58 Toluene	91	11.140	11.136	(0.889)	30117	0.37901	379.0(M)
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	379140	10.0000	
	71 Chlorobenzene	112	12.550	12.547	(1.002)	232157	5.70923	5709
$	78 4-Bromofluorobenzene	95	13.647	13.643	(0.927)	129987	10.1316	10130
*	94 1,4 Dichlorobenzene-d4	152	14.728	14.721	(1.000)	130562	10.0000	

01/02/08

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7573.D
Report Date: 02-Jan-2008 10:13

TestAmerica St. Louis

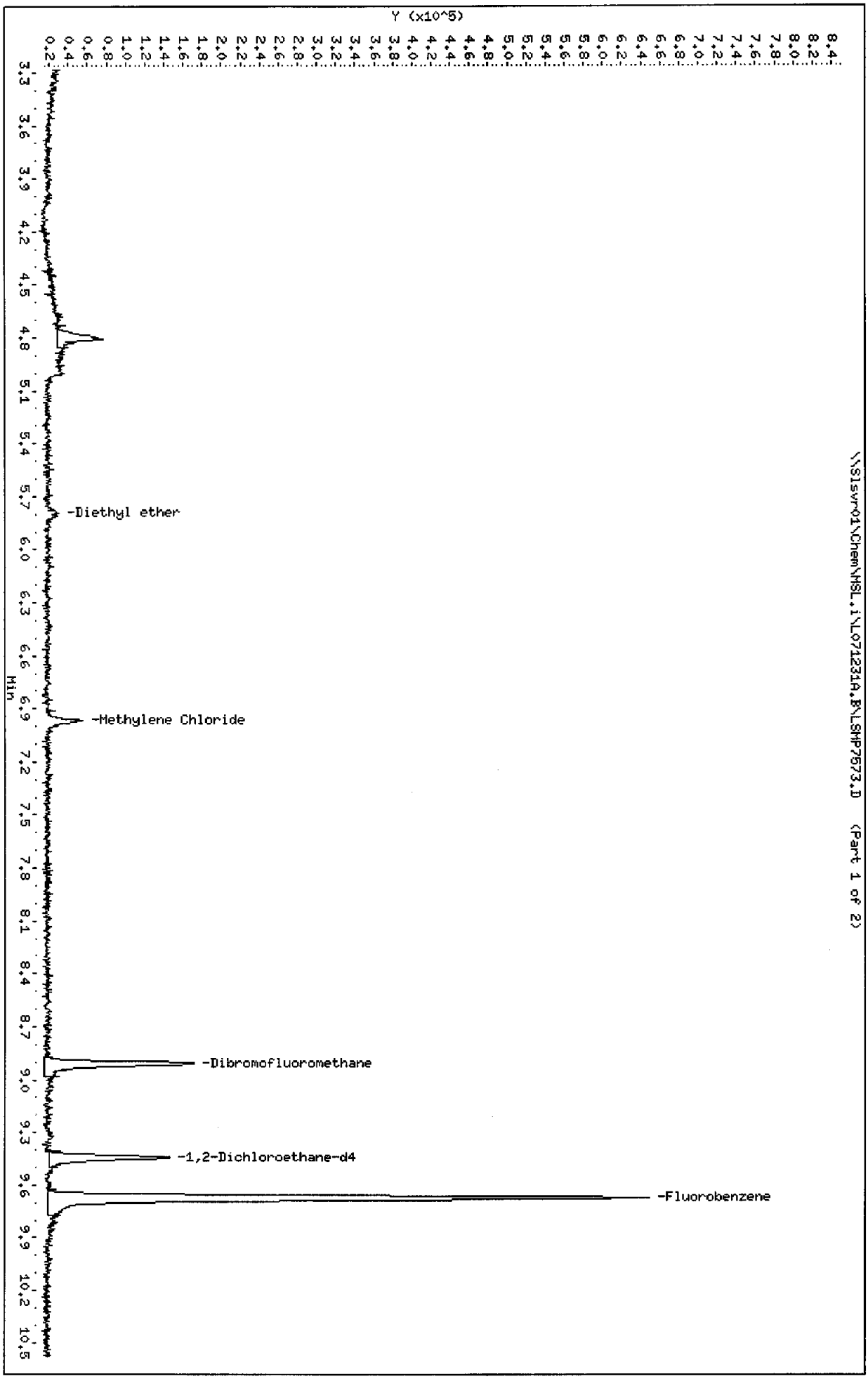
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

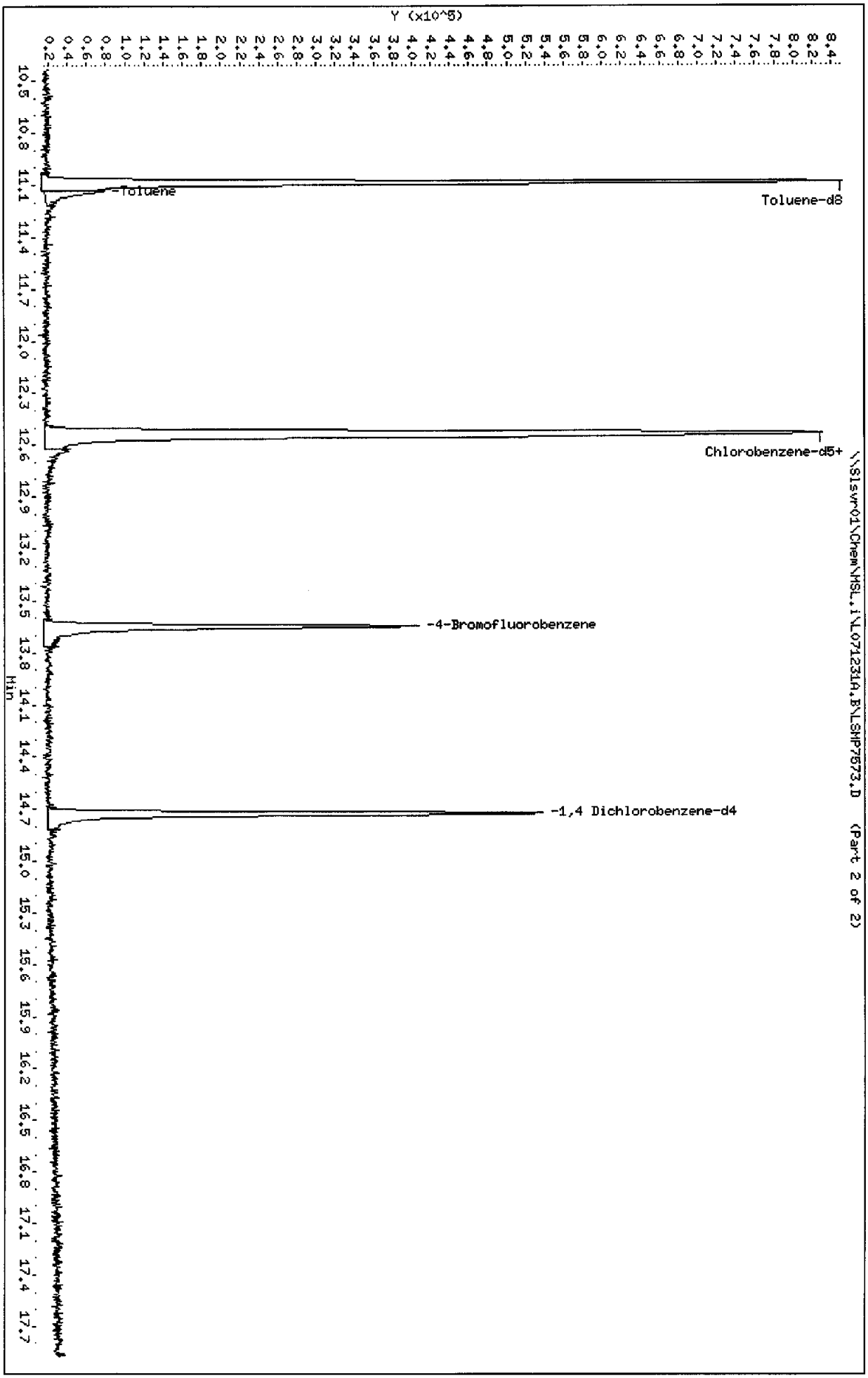
Instrument ID: MSL.i
Lab File ID: LSMP7573.D
Lab Smp Id: KEKNX3AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 31-DEC-2007
Calibration Time: 12:11
Client Smp ID: M-5A
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m
Misc Info: VBLKL365A;F7L200290-001;8002105;1000X

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1025863	512932	2051726	542359	-47.13
70 Chlorobenzene-d5	641041	320521	1282082	379140	-40.86
94 1,4 Dichlorobenze	244965	122483	489930	130562	-46.70

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.73	0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSHP7573.D
Date : 31-DEC-2007 20:39
Client ID: M-5A
Sample Info: KEKNX3AA
Purge Volume: 0.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^5)
\\Slsvr01\Chem\MSL.i\L071231A.B\LSHP7573.D (Part 1 of 2)
Min
-Diethyl ether
-Methylene Chloride
-Dibromofluoromethane
-1,2-Dichloroethane-d4
-Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7573.D
Date : 31-DEC-2007 20:39
Client ID: M-5A
Sample Info: KEKNX3AA
Purge Volume: 0.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^5)
-Toluene
Toluene-d8
Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4
Min
\\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7573.D (Part 2 of 2)

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7573.D

Date : 31-DEC-2007 20:39

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX3AA

Purge Volume: 0.0

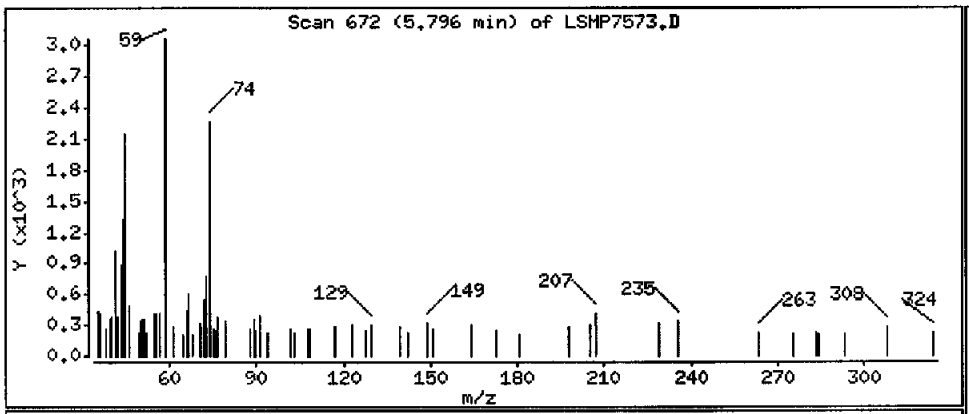
Operator: XIA

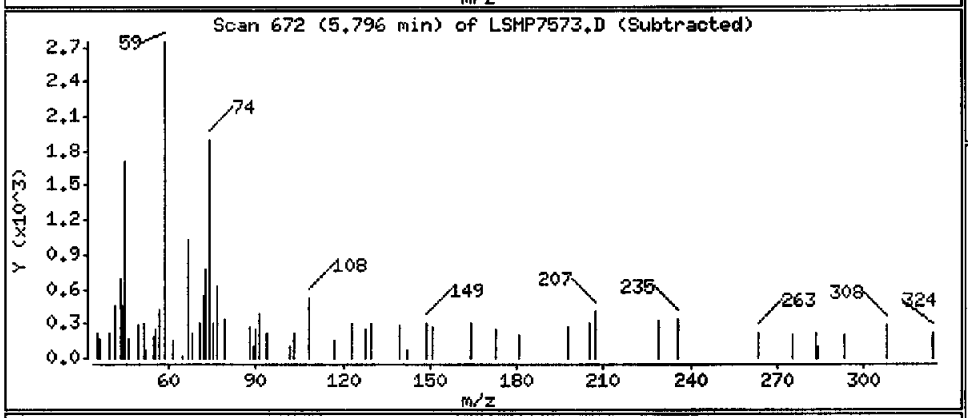
Column phase: RTX-502.2

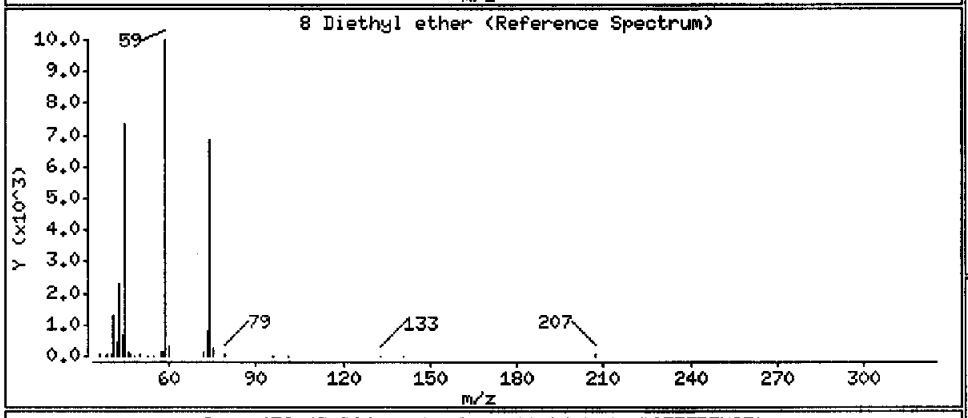
Column diameter: 0.25

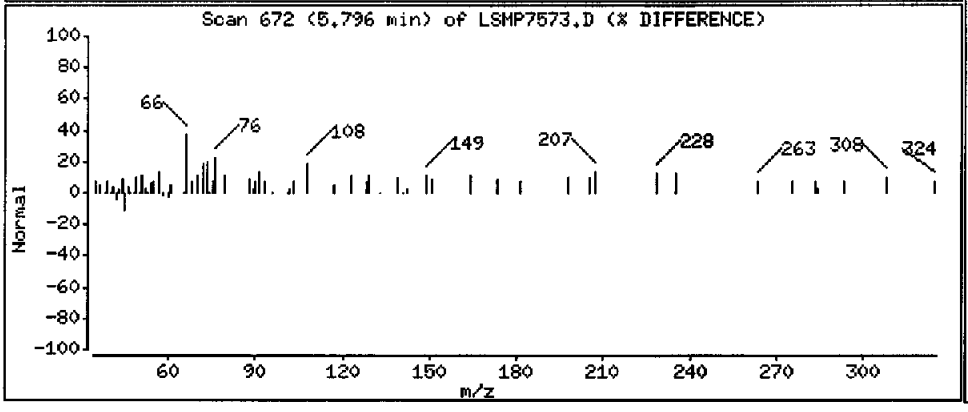
8 Diethyl ether

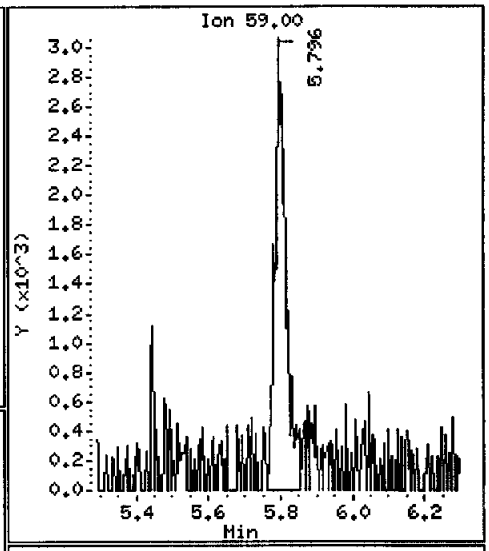
Concentration: 1378 ug/L

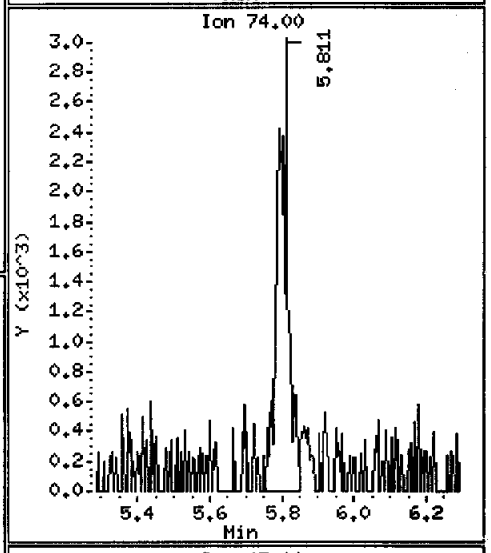


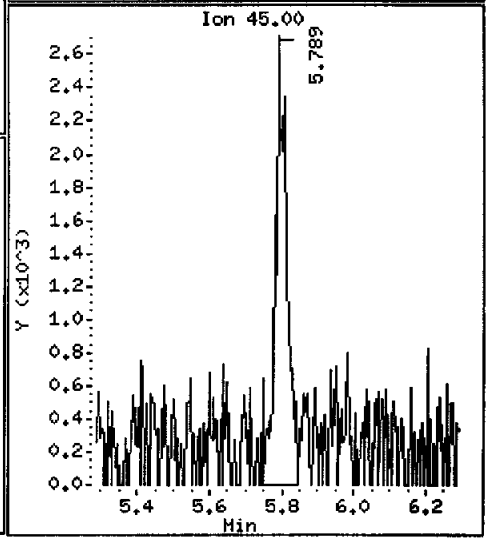












Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7573.D

Date : 31-DEC-2007 20:39

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX3AA

Purge Volume: 0.0

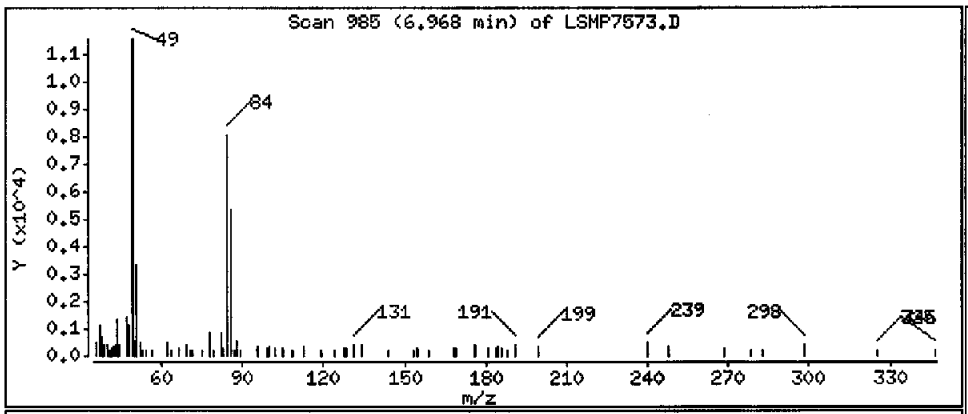
Operator: XIA

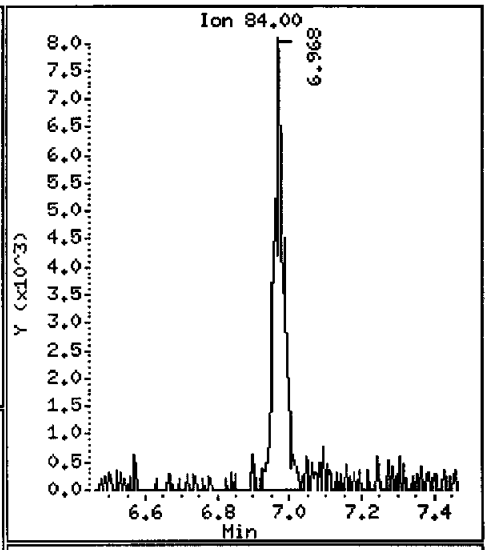
Column phase: RTX-502.2

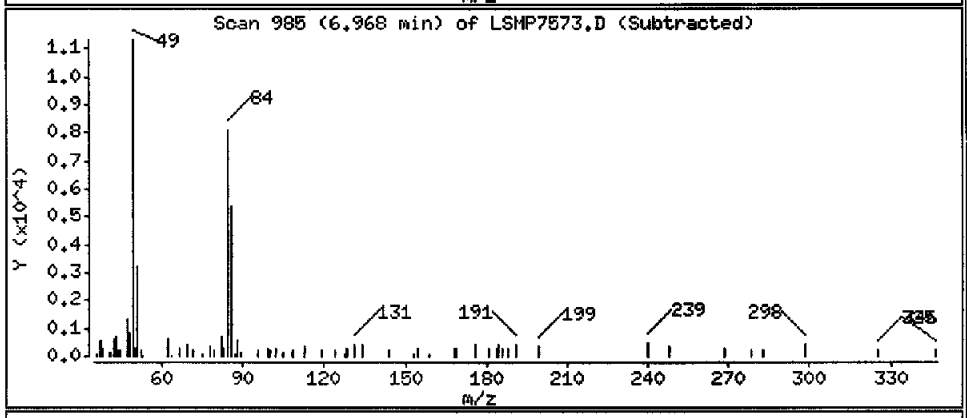
Column diameter: 0.25

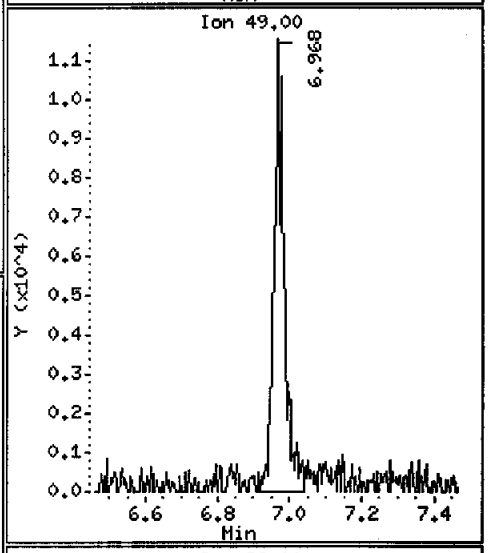
15 Methylene Chloride

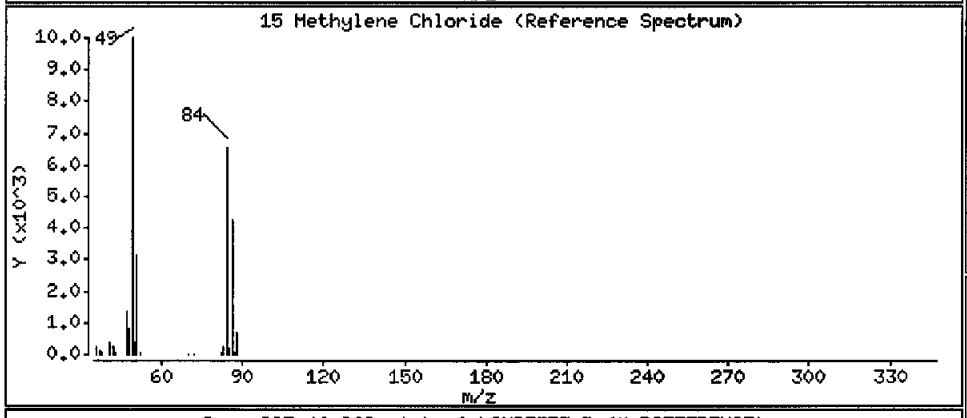
Concentration: 1254 ug/L

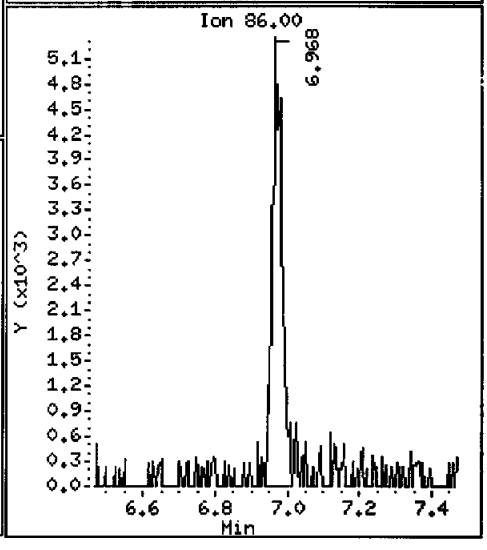


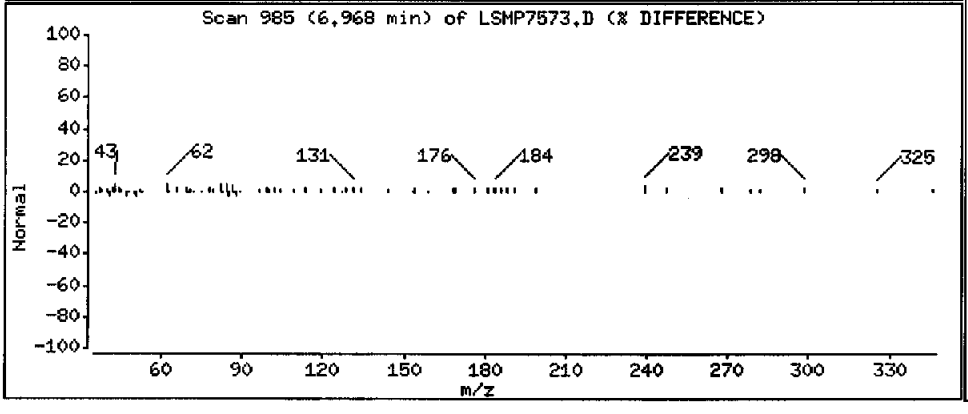












Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7573.D

Date : 31-DEC-2007 20:39

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX3AA

Purge Volume: 0.0

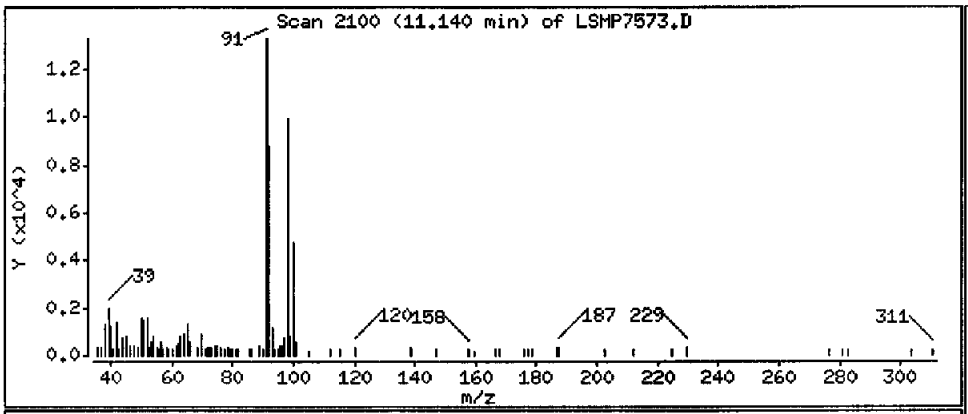
Operator: XIA

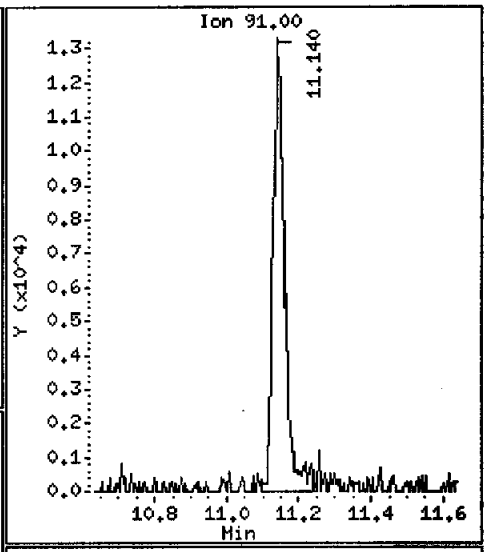
Column phase: RTX-502.2

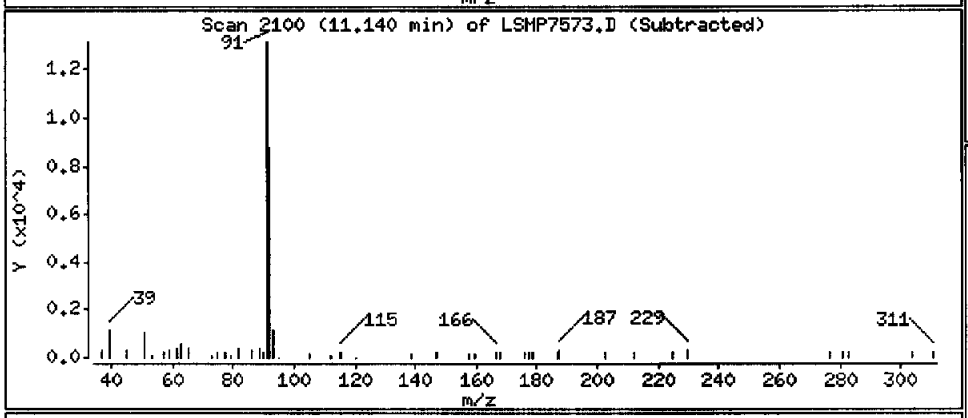
Column diameter: 0.25

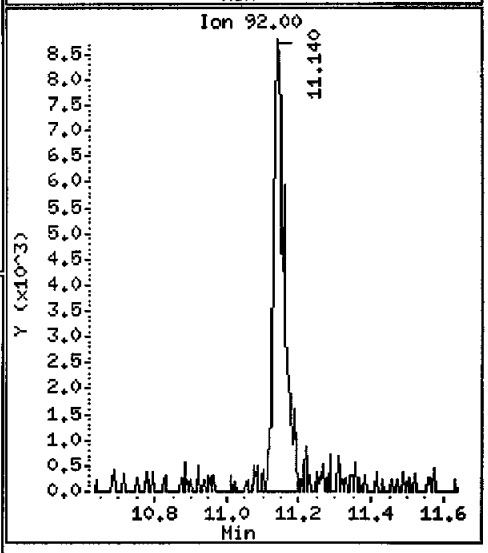
58 Toluene

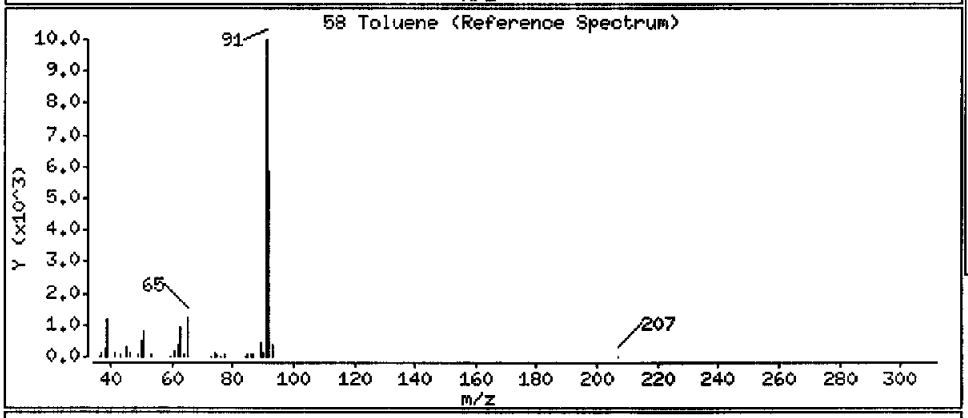
Concentration: 379.0 ug/L

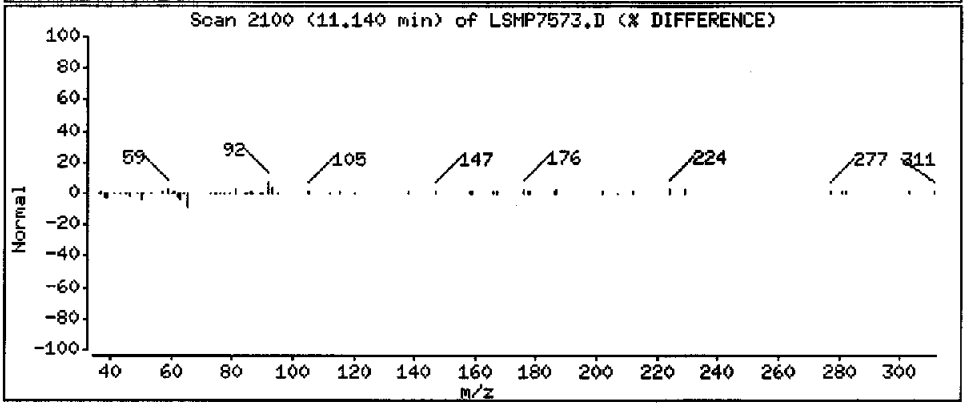












Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7573.D

Date : 31-DEC-2007 20:39

Client ID: M-5A

Instrument: MSL.i

Sample Info: KEKNX3AA

Purge Volume: 0.0

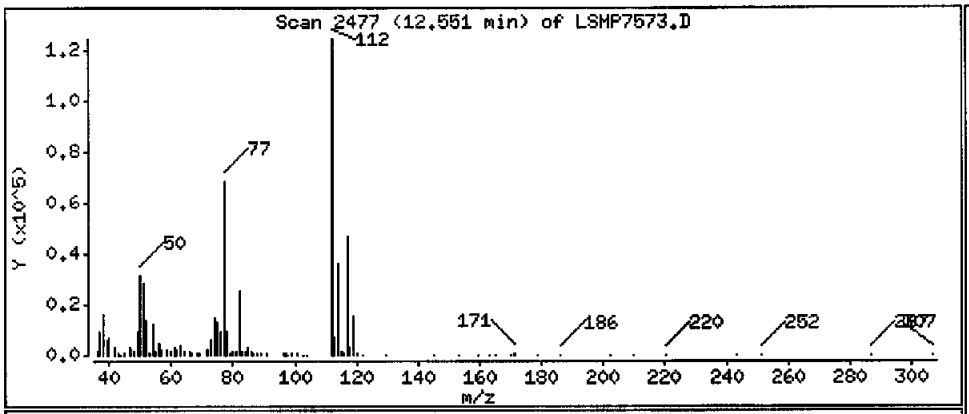
Operator: XIA

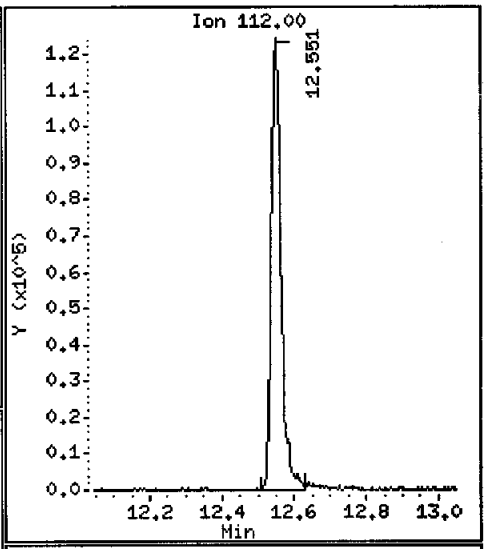
Column phase: RTX-502.2

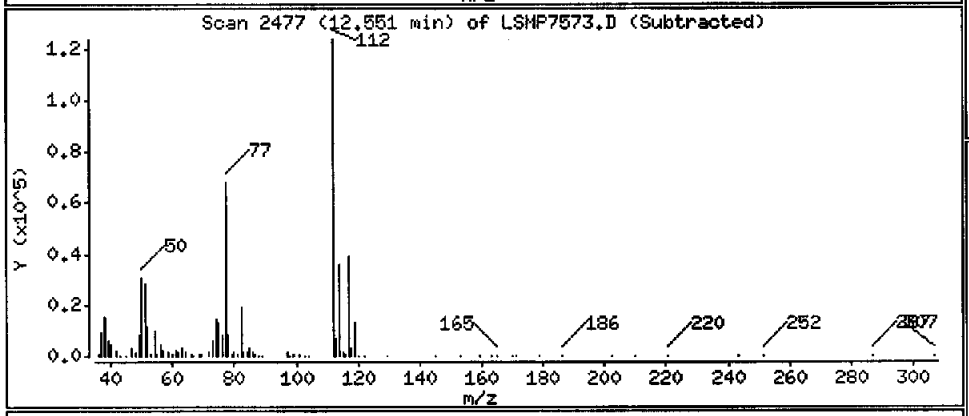
Column diameter: 0.25

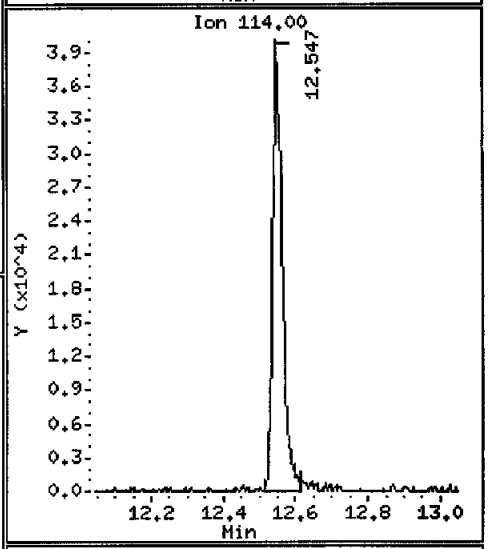
71 Chlorobenzene

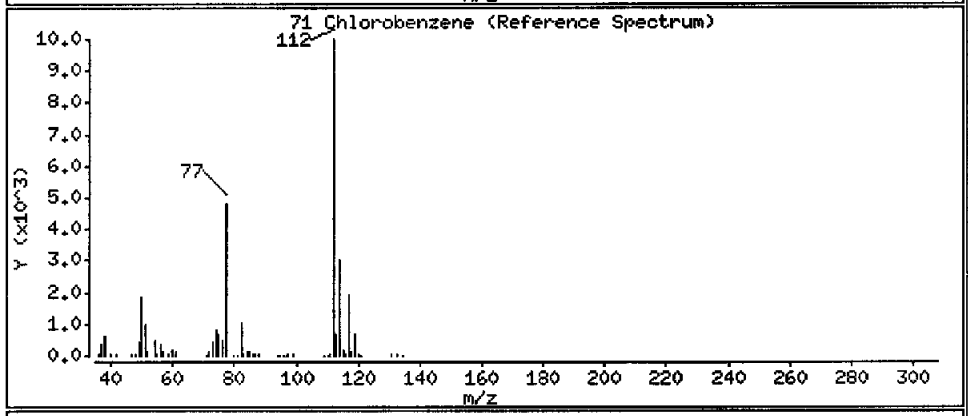
Concentration: 5709 ug/L

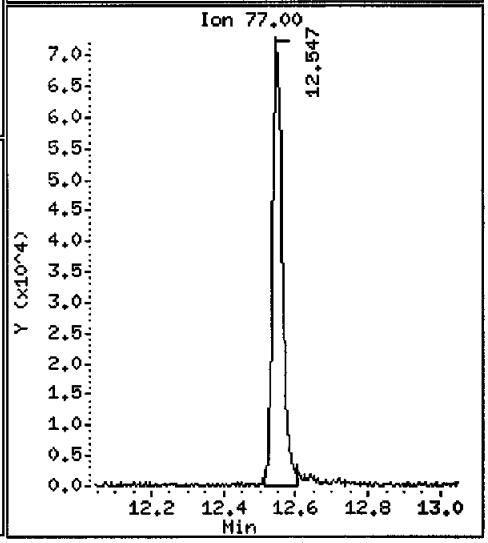


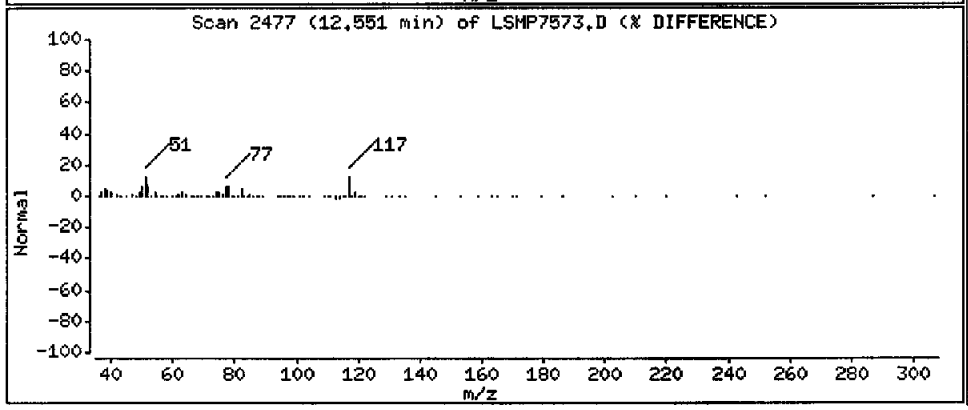












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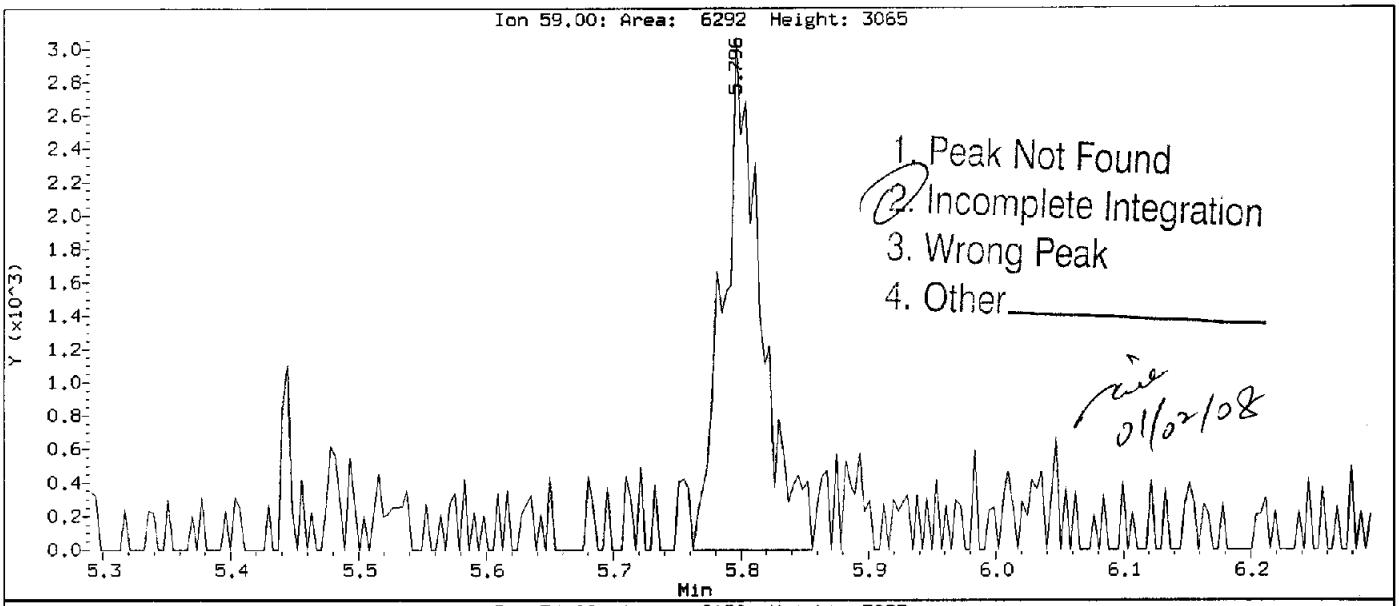
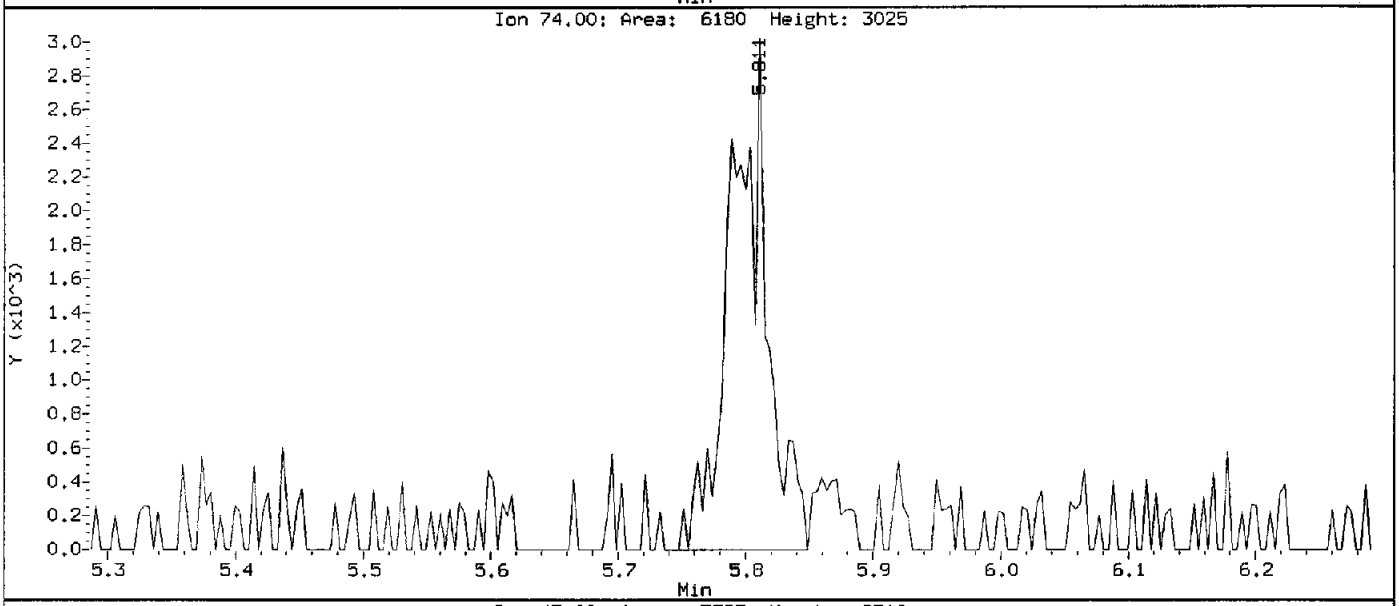
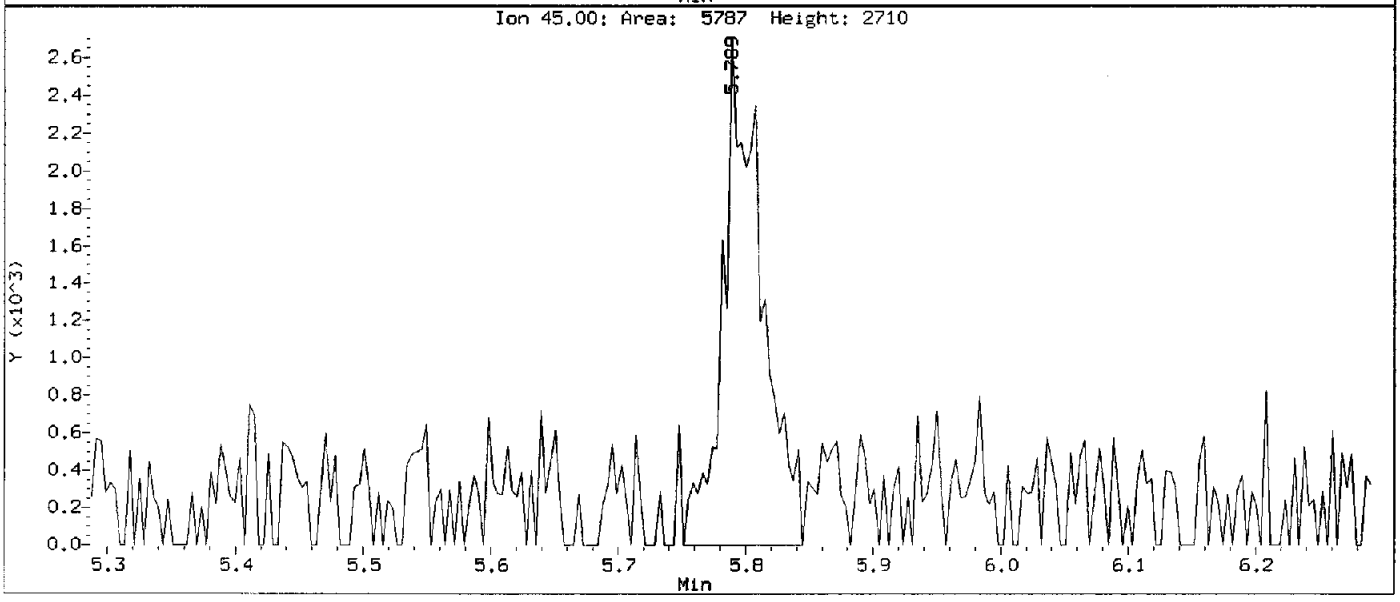
Injection Date: 31-DEC-2007 20:39
Instrument: MSL.i
Client Sample ID: M-5A

Compound: Diethyl ether
CAS Number: 60-29-7







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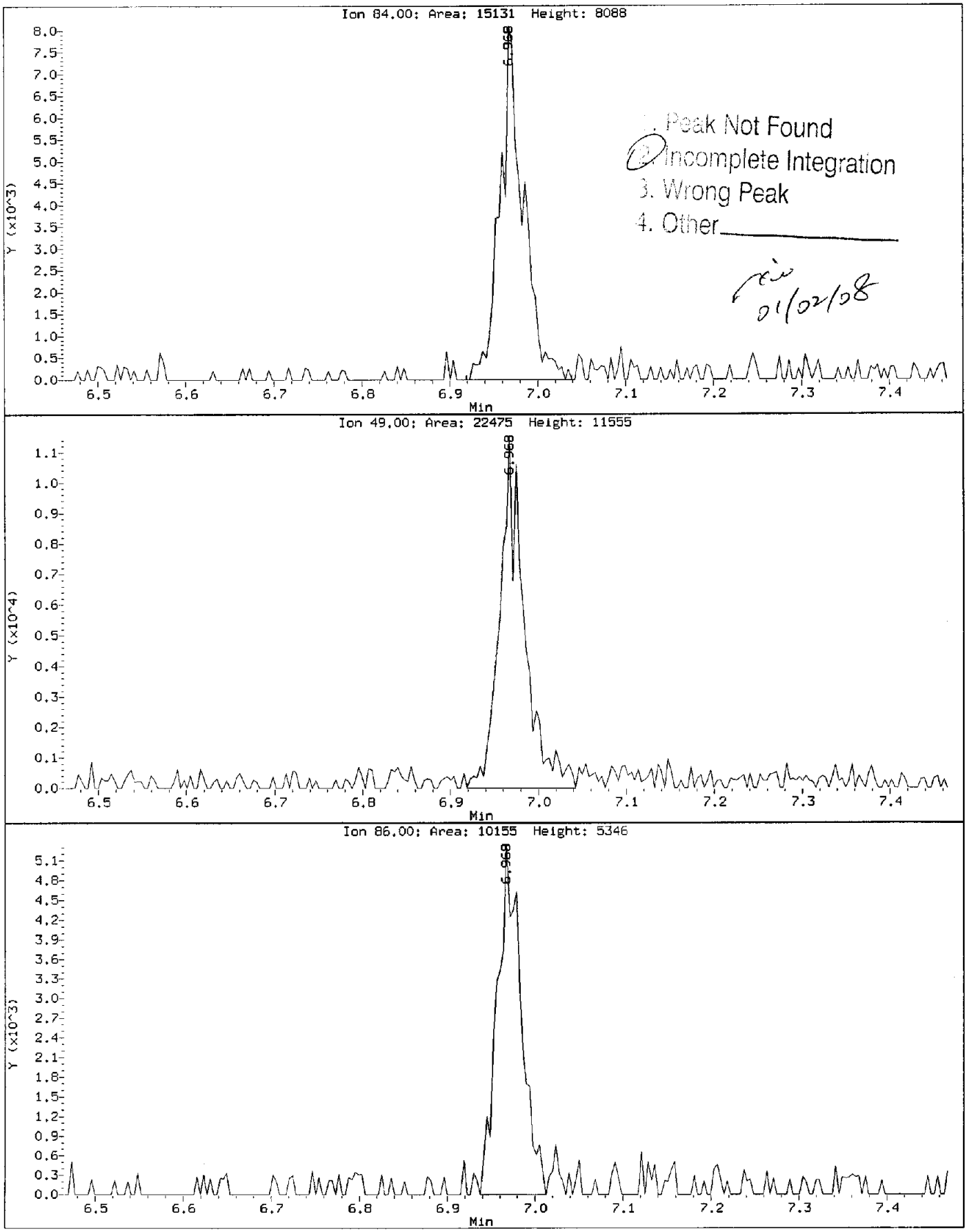
Injection Date: 31-DEC-2007 20:39
Instrument: MSL.i
Client Sample ID: M-5A

Compound: Methylene Chloride
CAS Number: 75-09-2



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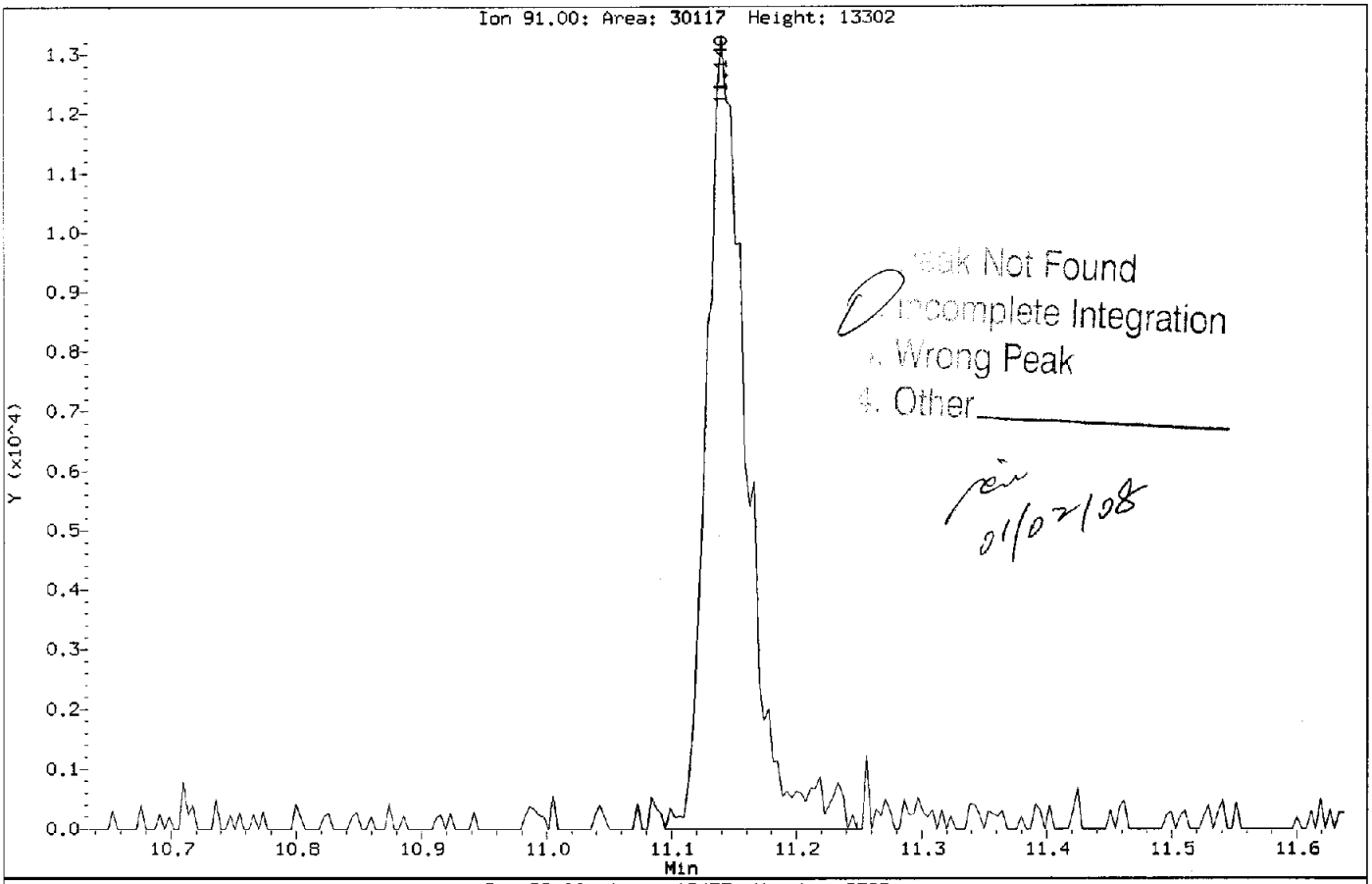
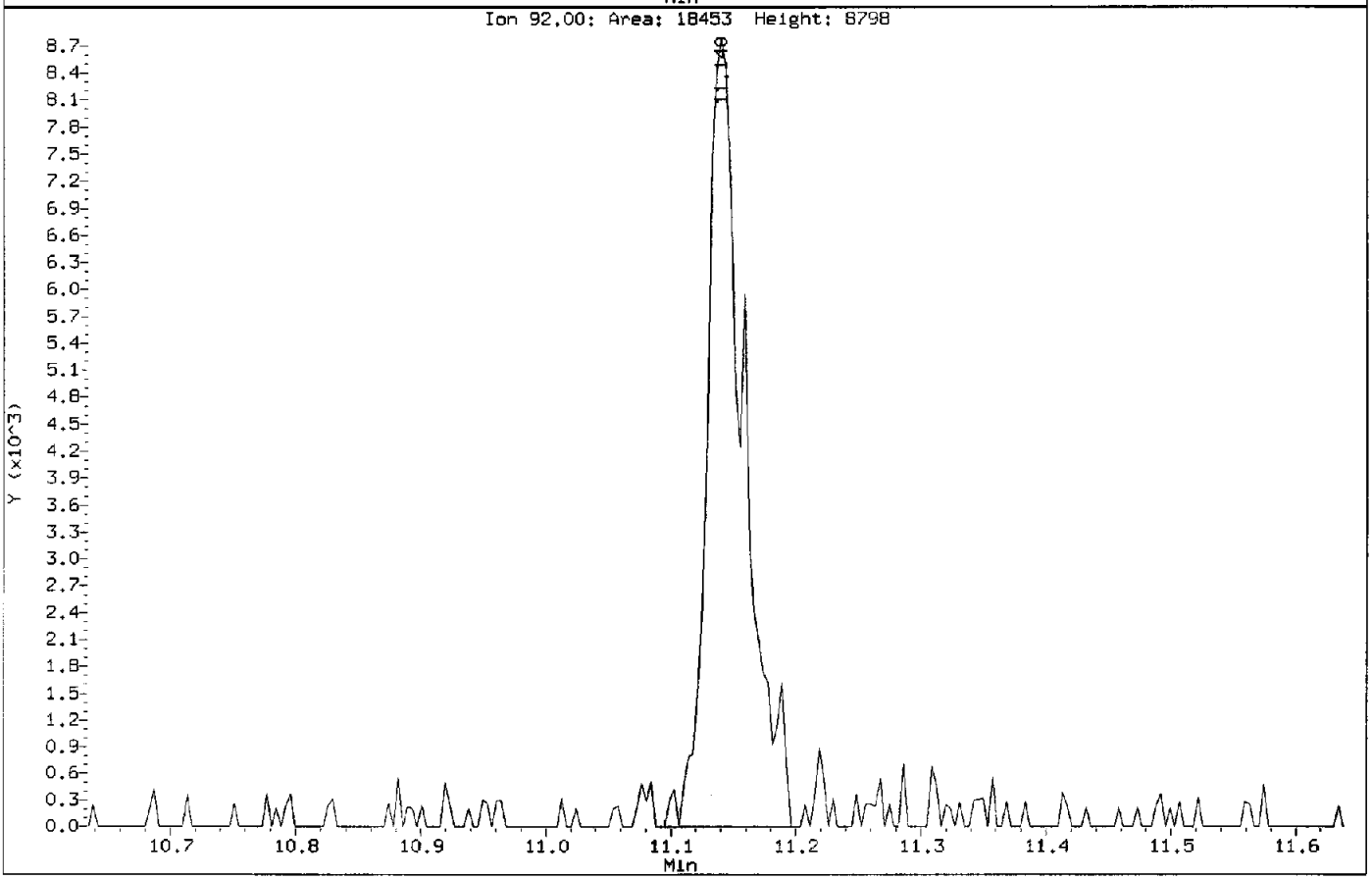
Injection Date: 31-DEC-2007 20:39
Instrument: MSL.i
Client Sample ID: M-5A

Compound: Toluene
CAS Number: 108-88-3





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D
Report Date: 26-Dec-2007 11:19

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D
Lab Smp Id: KEKN81AA Client Smp ID: DUPE-1
Inj Date : 24-DEC-2007 18:27
Operator : XIA Inst ID: MSL.i
Smp Info : KEKN81AA
Misc Info : VBLKL358A;F7L200290-002;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	6 Chloroethane	64	5.040	5.032	(0.521)	22494	0.77466	0.7747(M)
	8 Diethyl ether	59	5.784	5.792	(0.598)	16951576	2065.45	2065(A)
	11 Carbon Disulfide	76	6.301	6.305	(0.652)	38793	0.50741	0.5074(M)
	24 1,1-Dichloroethane	63	7.873	7.869	(0.814)	2711715	55.0218	55.02(A)
	30 Cyclohexane	84	8.670	8.666	(0.897)	142395	3.29330	3.293(M)
	31 Chloroform	83	8.715	8.707	(0.901)	37081	0.91874	0.9187
$	36 Dibromofluoromethane	113	8.909	8.905	(0.921)	151575	10.4851	10.48
	40 Benzene	78	9.313	9.313	(0.963)	4414483	39.1308	39.13
$	43 1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	129056	11.3523	11.35
	44 1,2-Dichloroethane	62	9.508	9.512	(0.983)	626573	41.3643	41.36(A)
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	975099	10.0000	
	48 Trichloroethene	130	9.848	9.852	(1.019)	126357	4.62447	4.624
$	57 Toluene-d8	98	11.083	11.083	(0.884)	948110	5.30325	5.303(R)
	58 Toluene	91	11.136	11.136	(0.888)	31988	0.12764	0.1276
*	70 Chlorobenzene-d5	117	12.539	12.528	(1.000)	1195711	10.0000	
	71 Chlorobenzene	112	12.532	12.547	(0.999)	48016734	374.423	374.4(A)
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	276565	8.64546	8.645
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	50085	0.83553	0.8355(H)
*	94 1,4 Dichlorobenzene-d4	152	14.721	14.725	(1.000)	325541	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	3414443	57.7625	57.76(A)
	98 1,2-Dichlorobenzene	146	15.162	15.166	(1.030)	1756667	39.6112	39.61

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D
Report Date: 26-Dec-2007 11:19

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D
Report Date: 26-Dec-2007 11:19

STL St. Louis

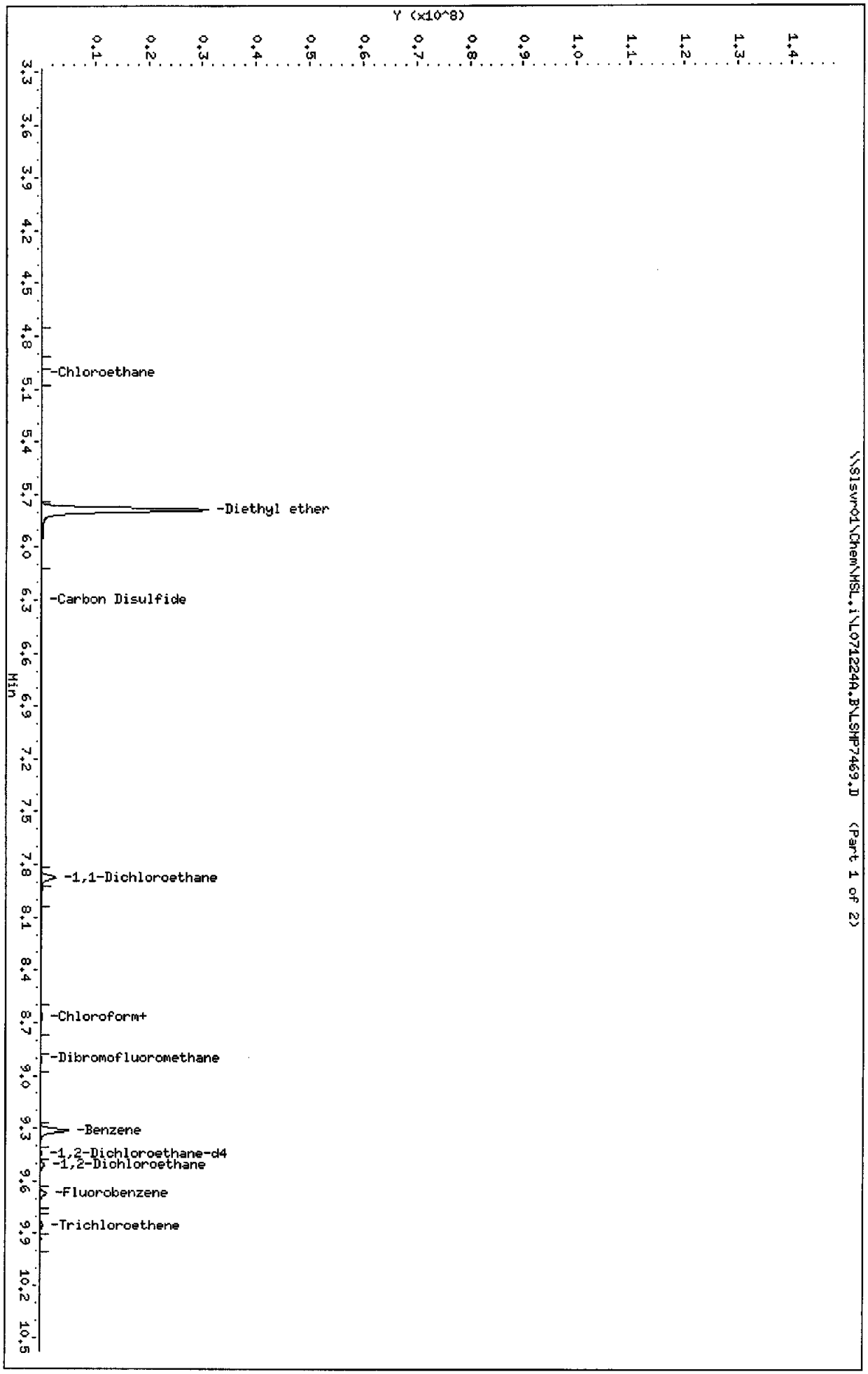
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

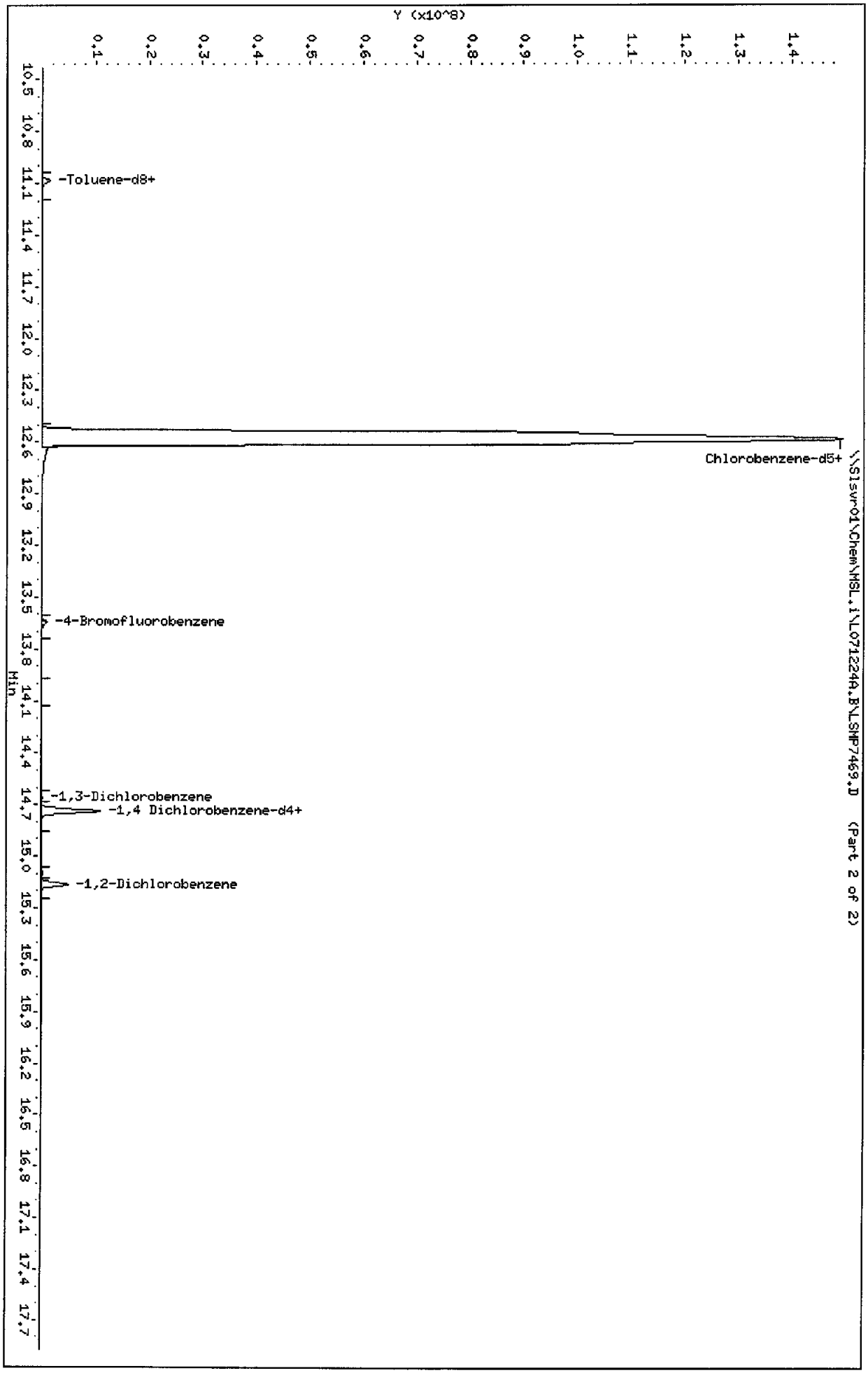
Instrument ID: MSL.i
Lab File ID: LSMP7469.D
Lab Smp Id: KEKN81AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: DUPE-1
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L200290-002;7360149;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	975099	-18.95
70 Chlorobenzene-d5	752404	376202	1504808	1195711	58.92
94 1,4 Dichlorobenze	317211	158606	634422	325541	2.63

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.54	0.09
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7469.D
Date : 24-DEC-2007 18:27
Client ID: DUPE-1
Sample Info: KEKN81AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7469.D (Part 1 of 2)
Y (x10^8)
Min
-Chloroethane
-Diethyl ether
-Carbon Disulfide
-1,1-Dichloroethane
-Chloroform+
-Dibromofluoromethane
-Benzene
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Trichloroethene


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D
Date : 24-DEC-2007 18:27
Client ID: DUPE-1
Sample Info: KEKN81AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^8)
-Toluene-d8+
Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-1,2-Dichlorobenzene
Min
\\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D (Part 2 of 2)

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

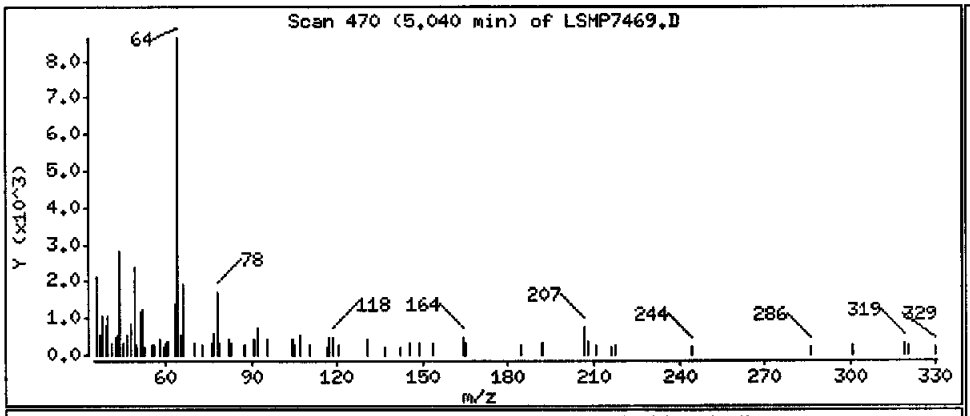
Client ID: DUPE-1 Instrument: MSL.i

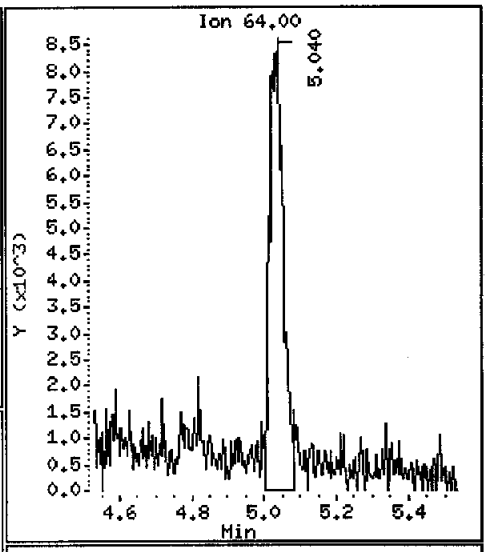
Sample Info: KEKN81AA

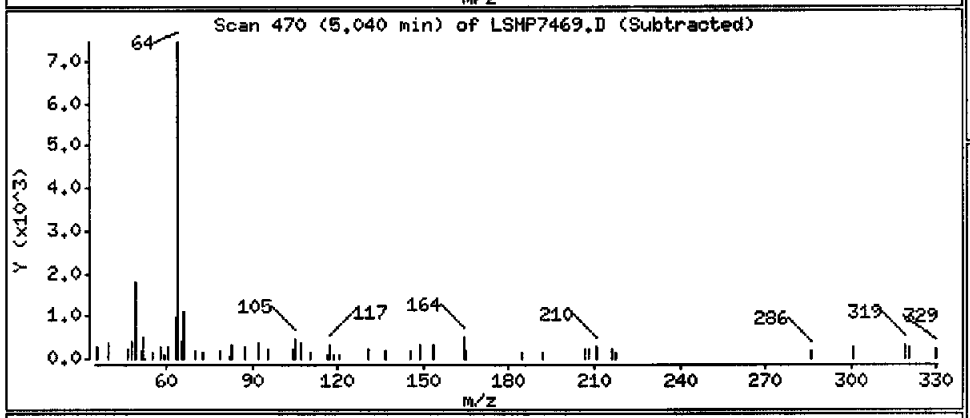
Purge Volume: 25.0 Operator: XIA

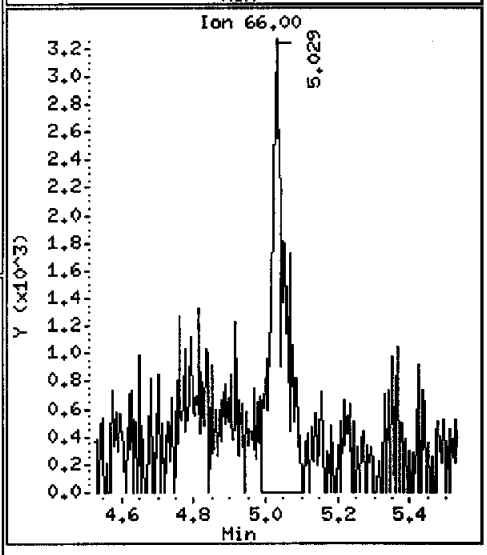
Column phase: RTX-502.2 Column diameter: 0.25

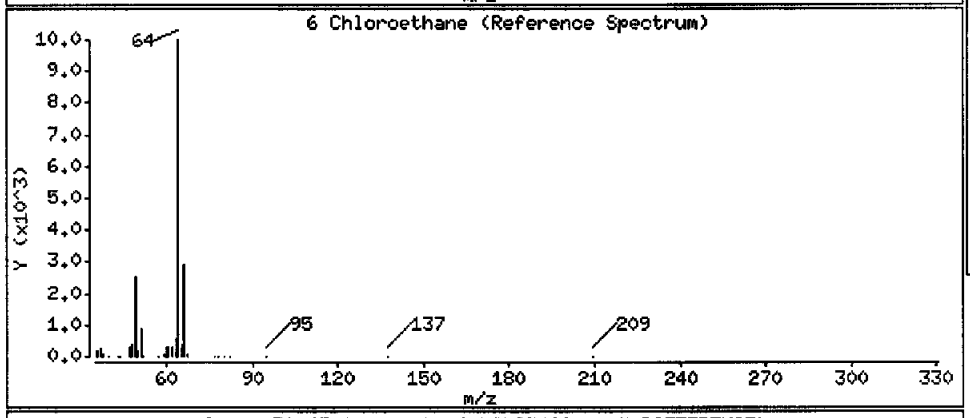
6 Chloroethane Concentration: 0.7747 ug/L

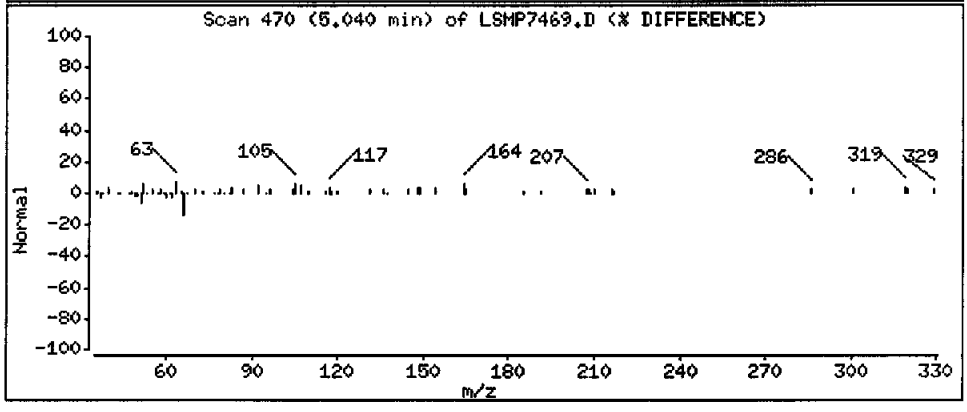












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

Client ID: DUPE-1

Instrument: MSL.i

Sample Info: KEKN81AA

Purge Volume: 25.0

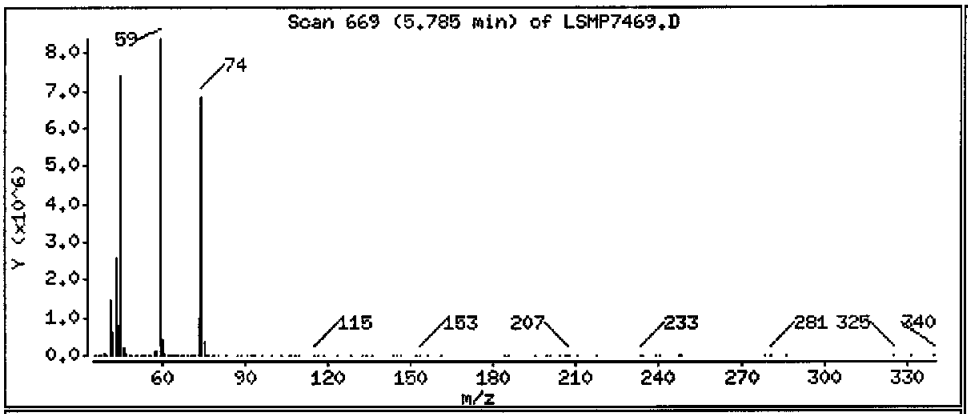
Operator: XIA

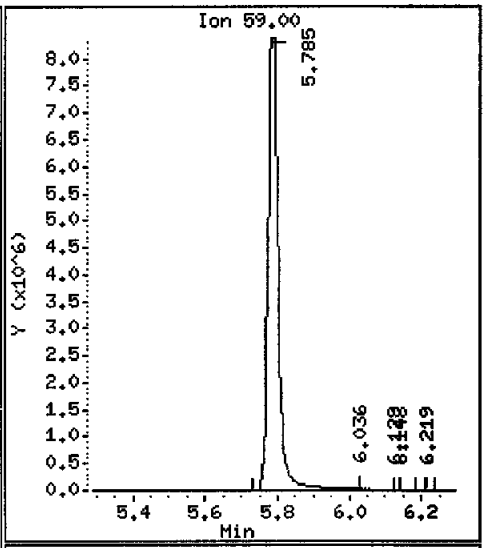
Column phase: RTX-502.2

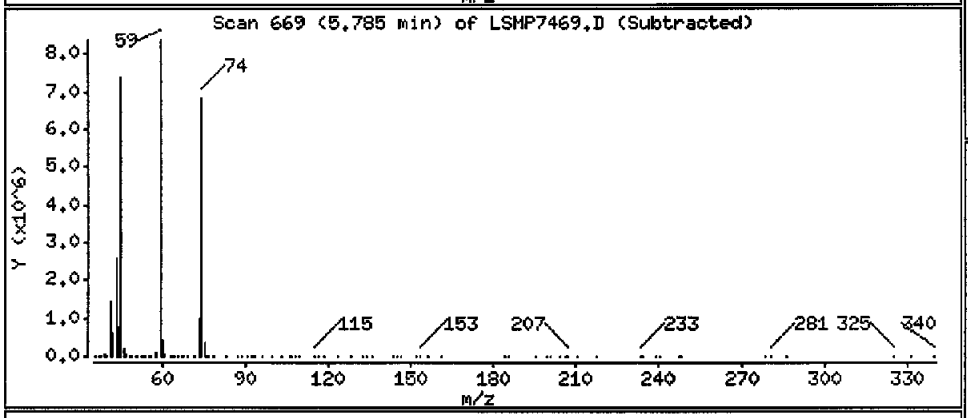
Column diameter: 0.25

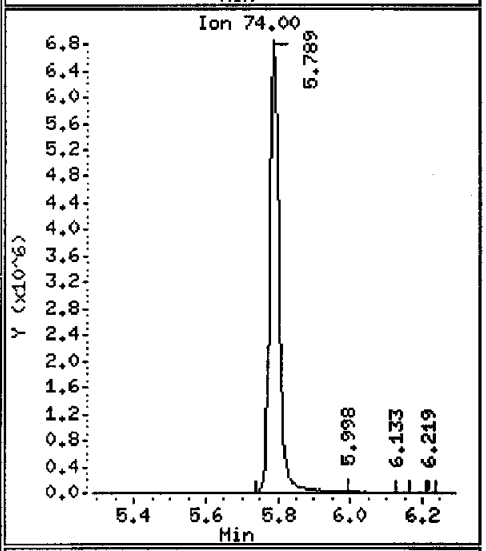
8 Diethyl ether

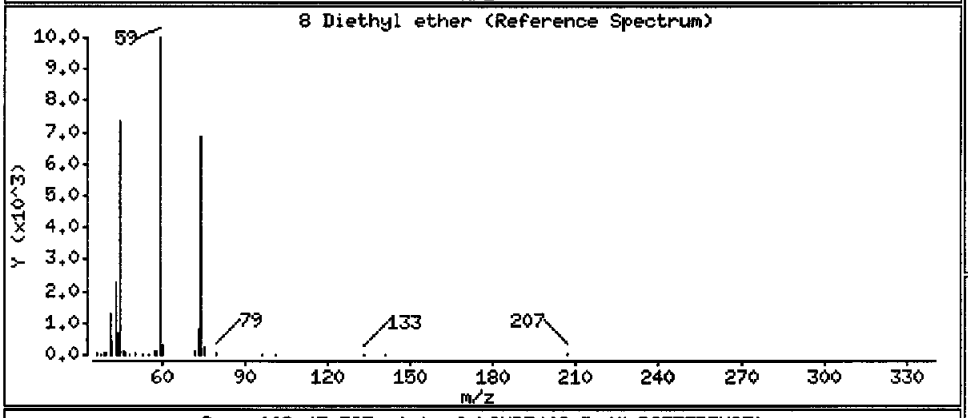
Concentration: 2065 ug/L

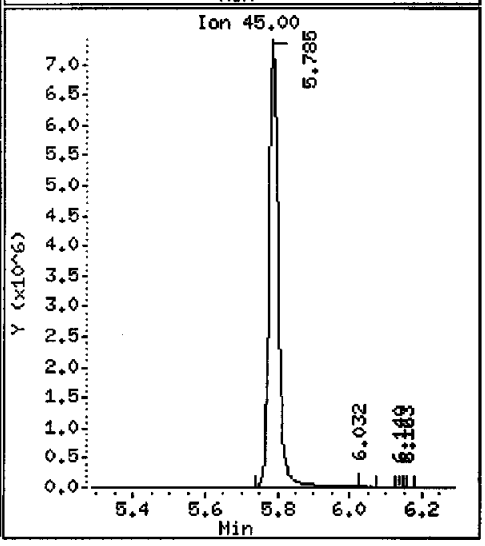


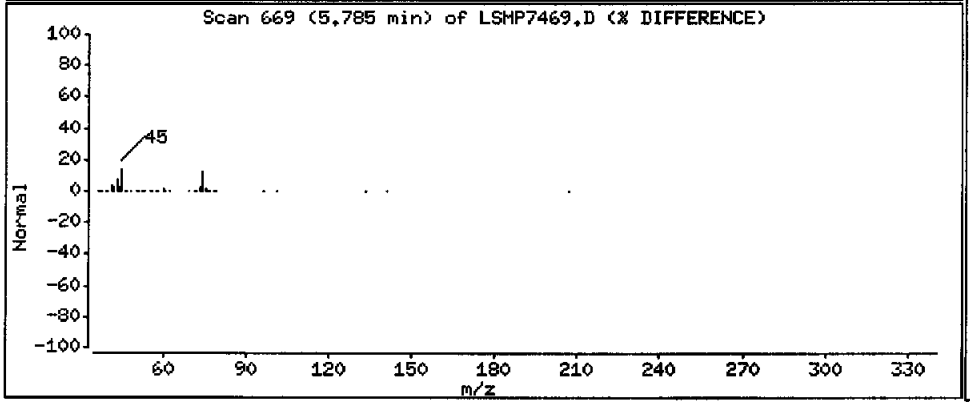












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

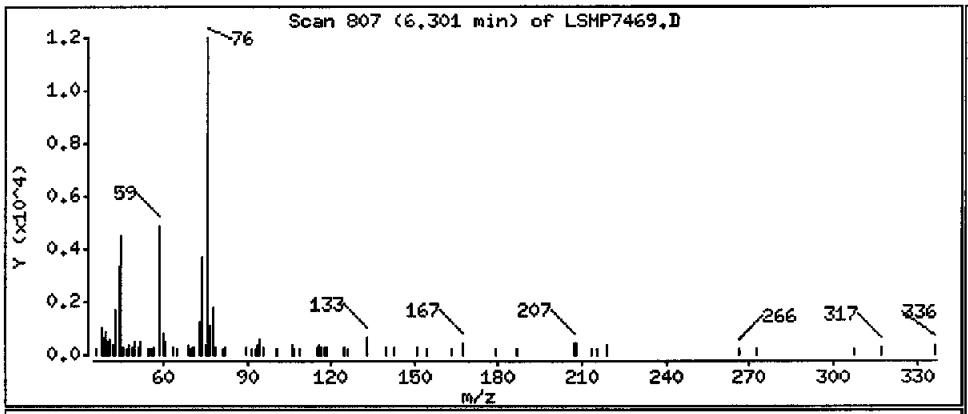
Client ID: DUPE-1 Instrument: MSL.i

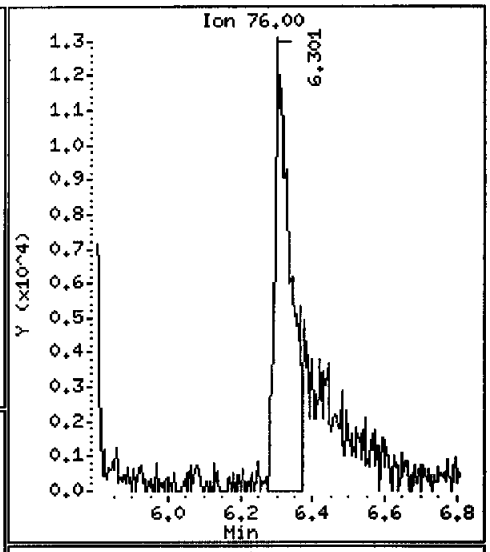
Sample Info: KEKN81AA

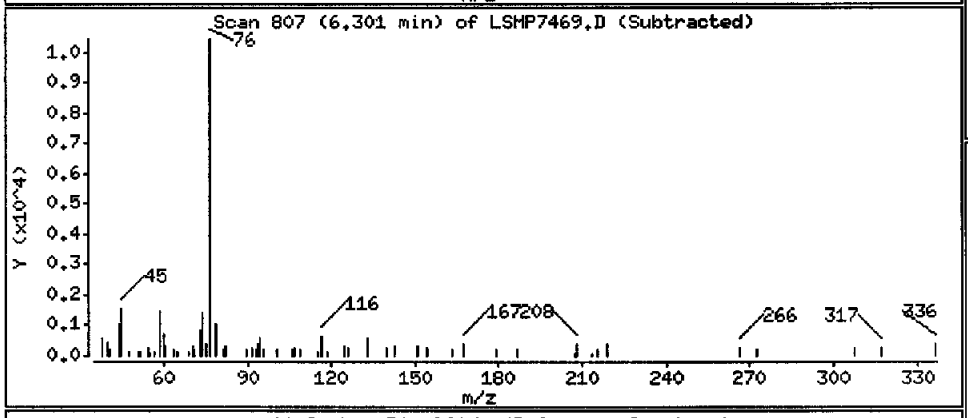
Purge Volume: 25.0 Operator: XIA

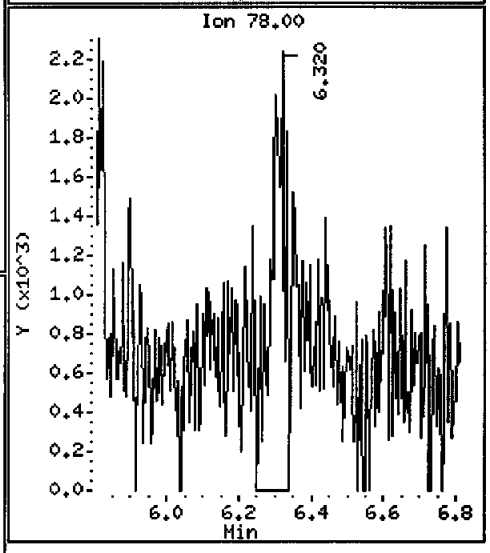
Column phase: RTX-502.2 Column diameter: 0.25

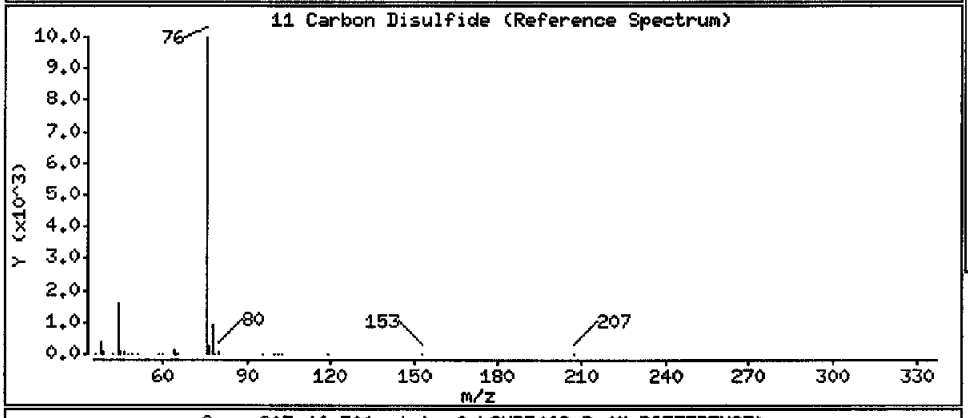
11 Carbon Disulfide Concentration: 0.5074 ug/L

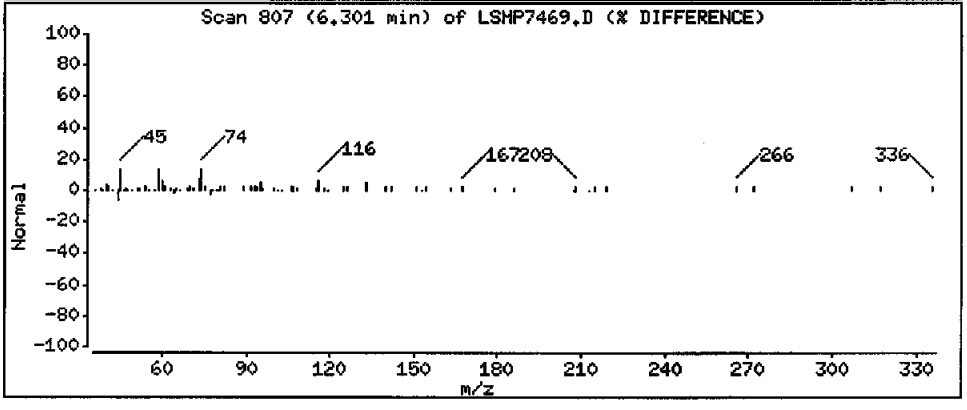












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

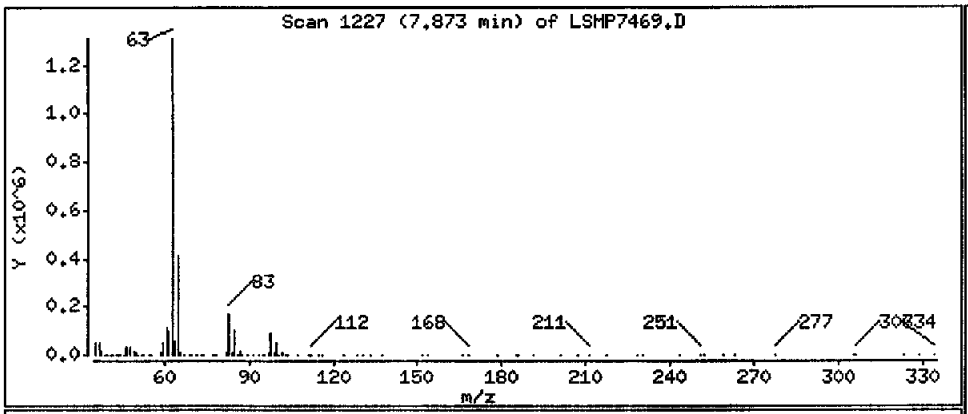
Client ID: DUPE-1 Instrument: MSL.i

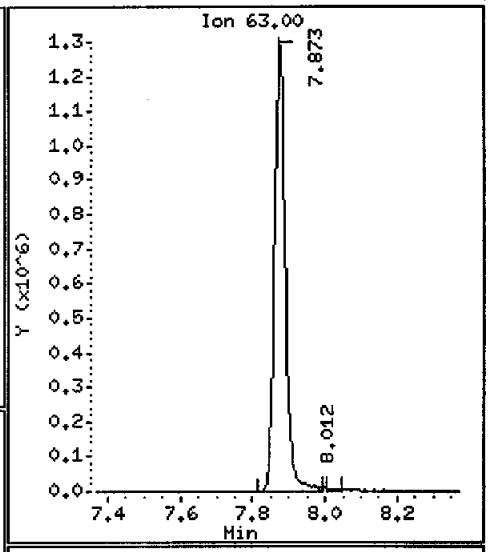
Sample Info: KEKN81AA

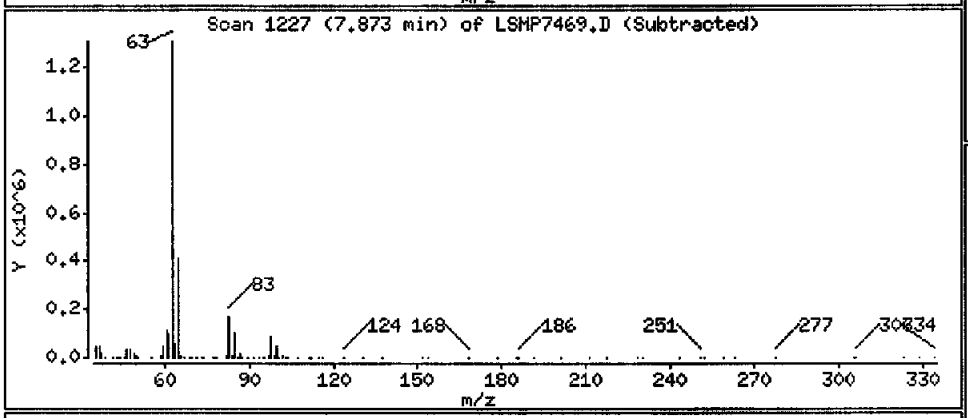
Purge Volume: 25.0 Operator: XIA

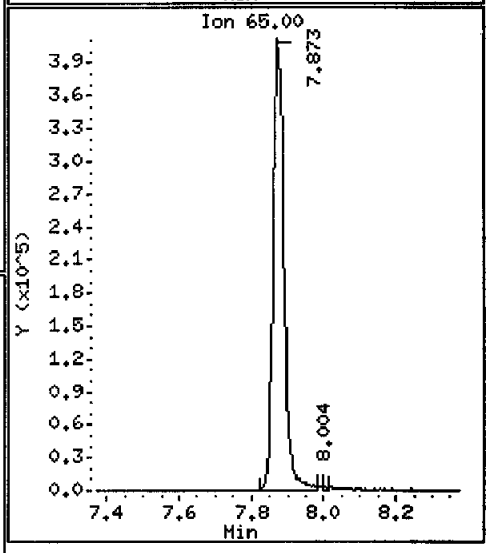
Column phase: RTX-502.2 Column diameter: 0.25

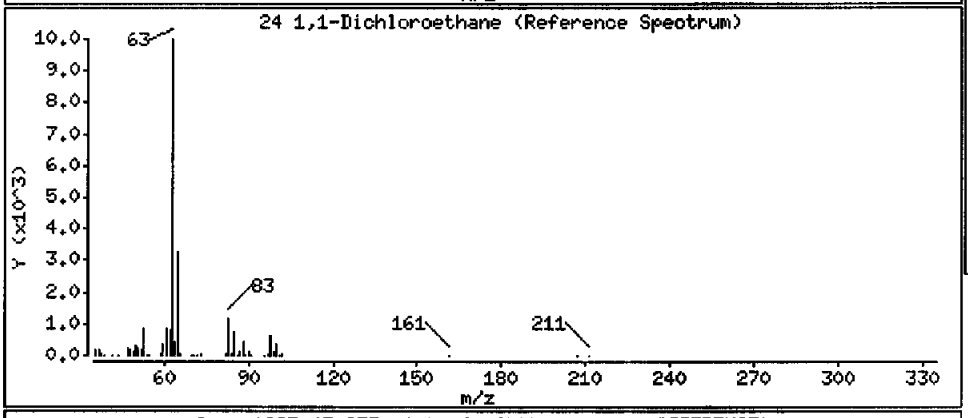
24 1,1-Dichloroethane Concentration: 55.02 ug/L

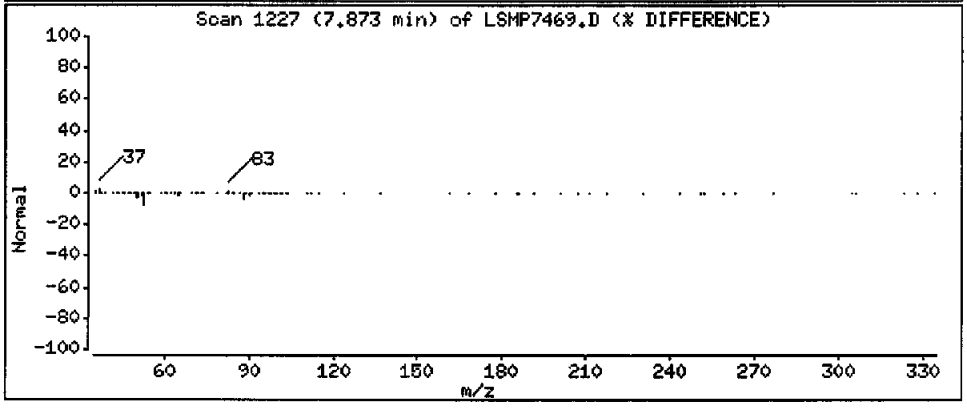












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

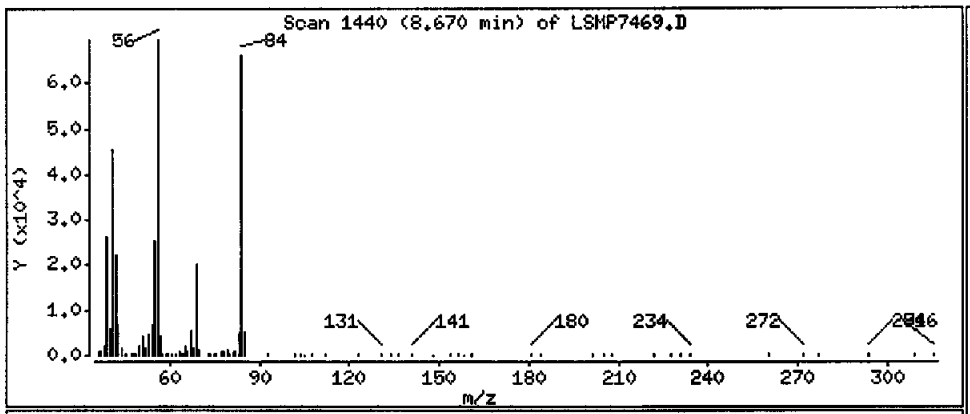
Client ID: DUPE-1 Instrument: MSL.i

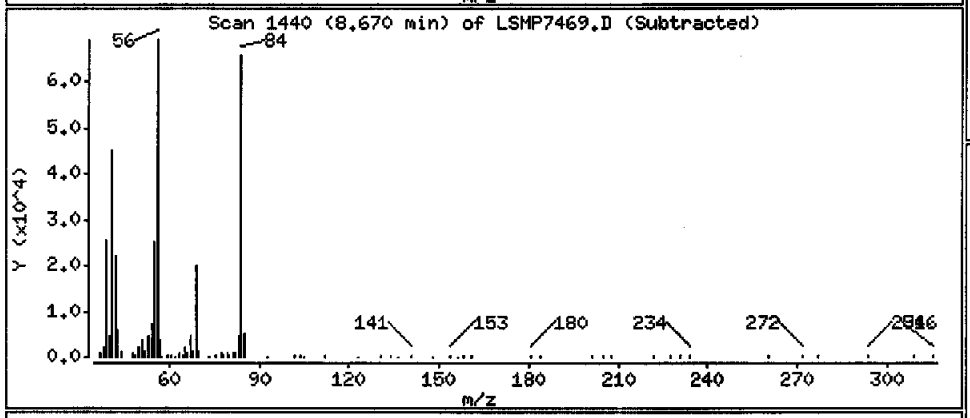
Sample Info: KEKN81AA

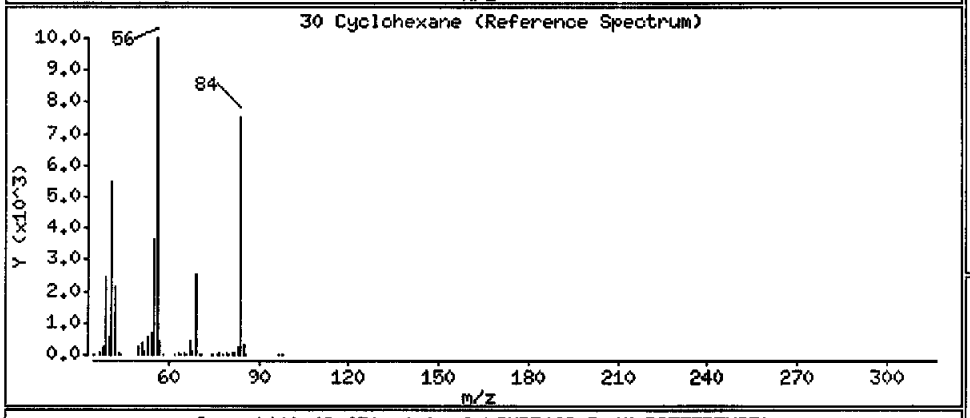
Purge Volume: 25.0 Operator: XIA

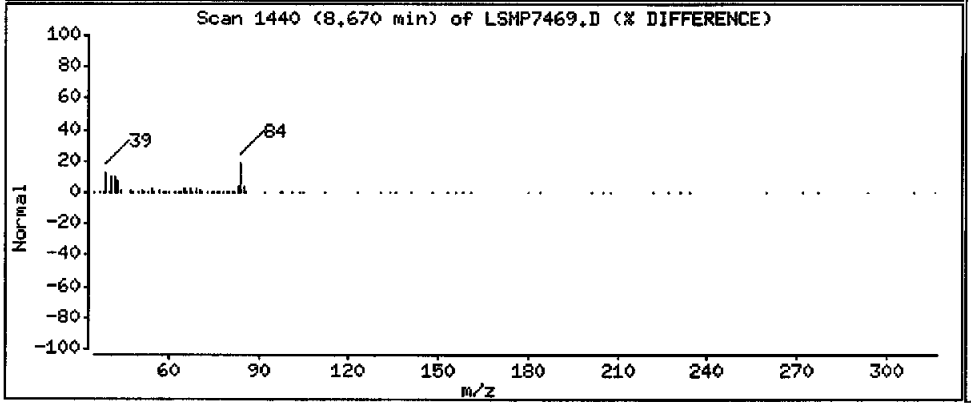
Column phase: RTX-502.2 Column diameter: 0.25

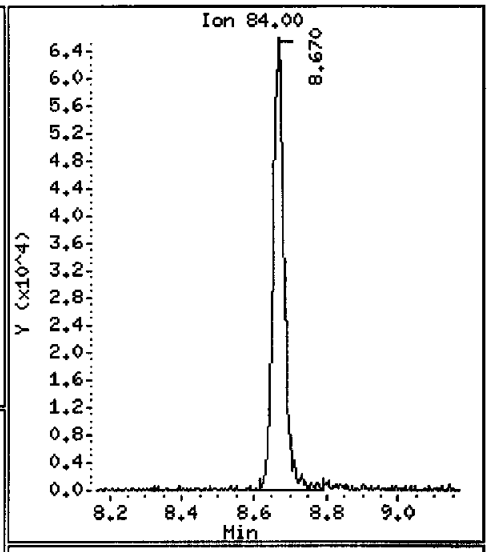
30 Cyclohexane Concentration: 3.293 ug/L

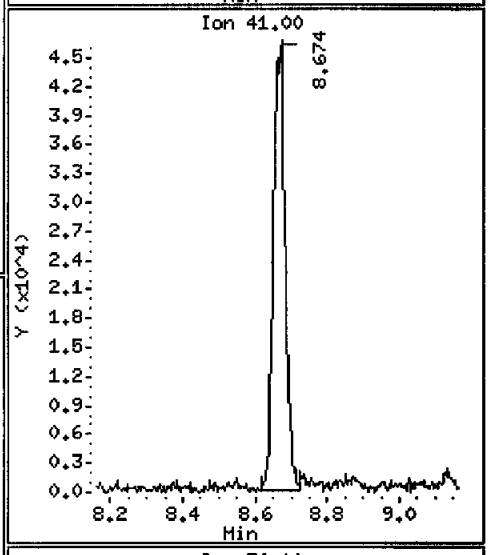


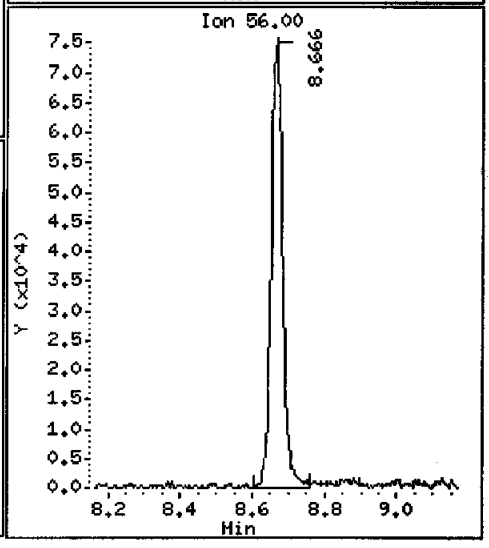












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

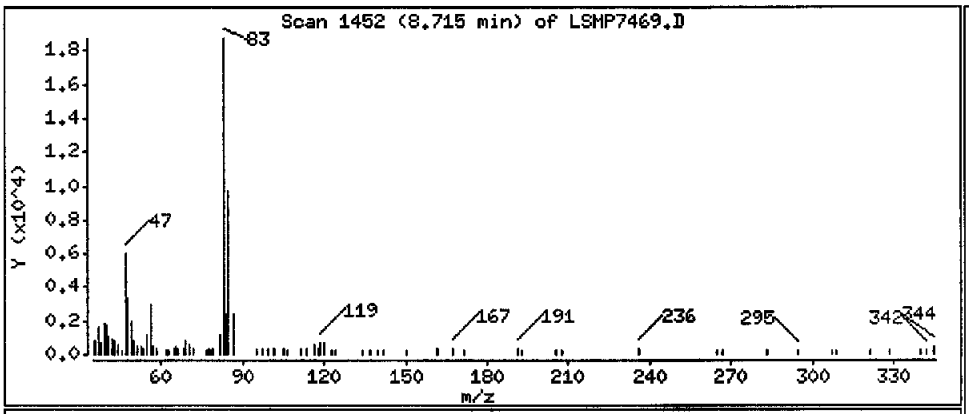
Client ID: DUPE-1 Instrument: MSL.i

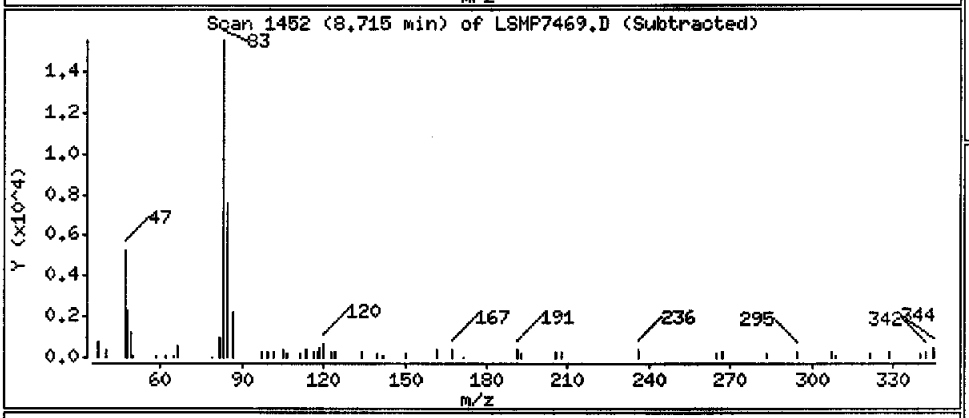
Sample Info: KEKN81AA

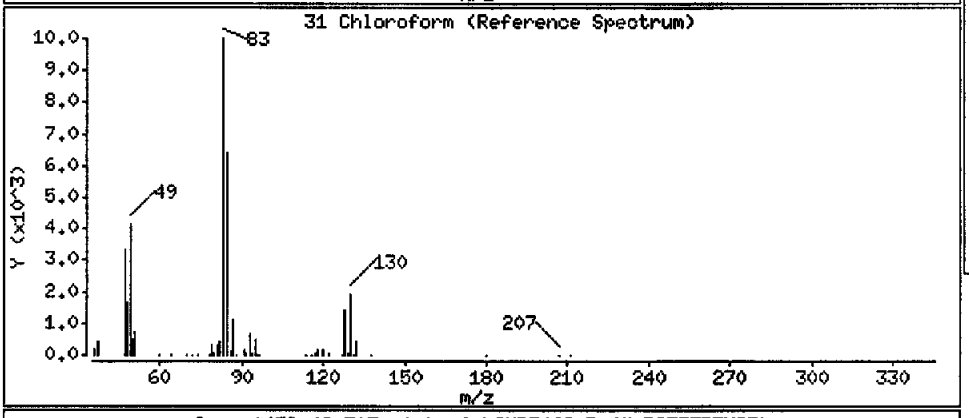
Purge Volume: 25.0 Operator: XIA

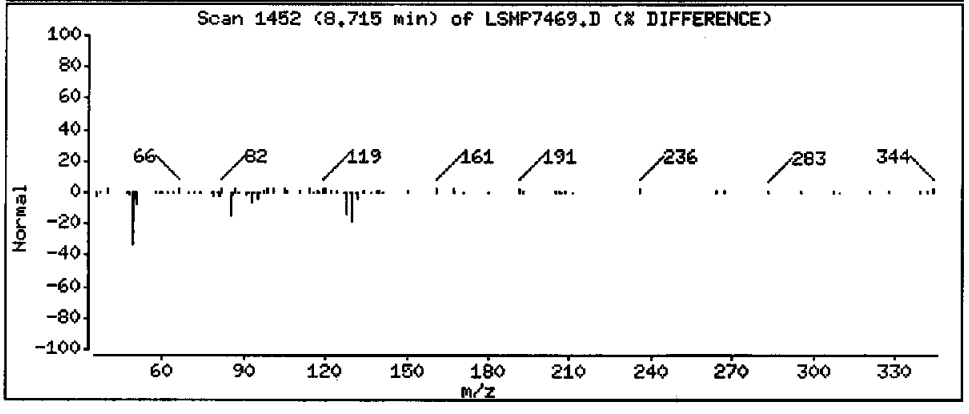
Column phase: RTX-502.2 Column diameter: 0.25

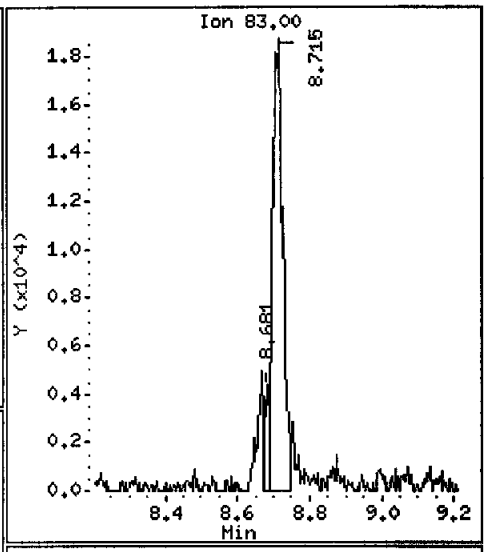
31 Chloroform Concentration: 0.9187 ug/L

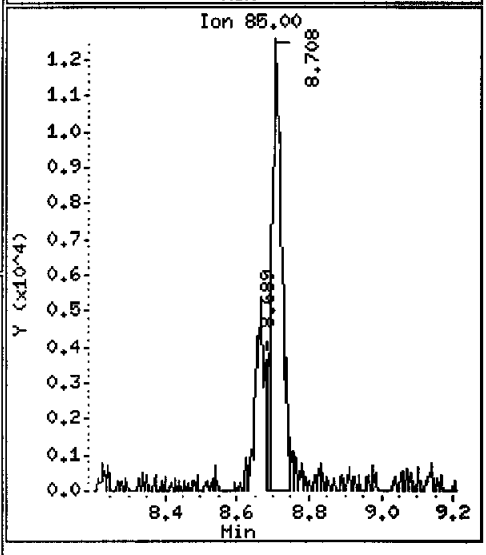












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

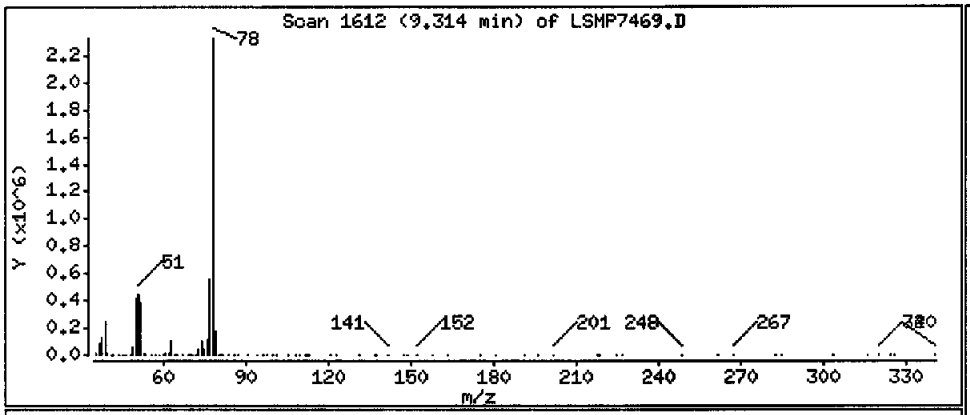
Client ID: DUPE-1 Instrument: MSL.i

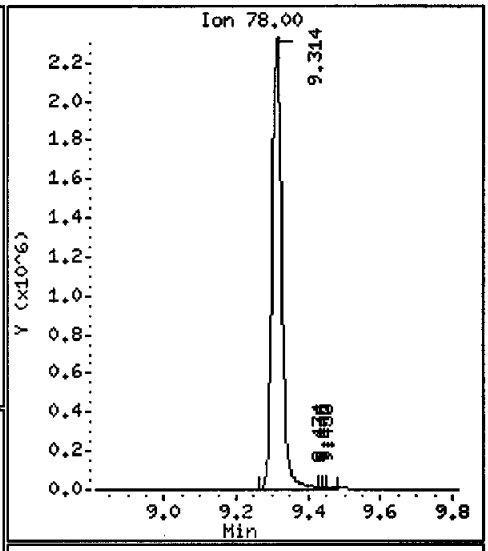
Sample Info: KEKN81AA

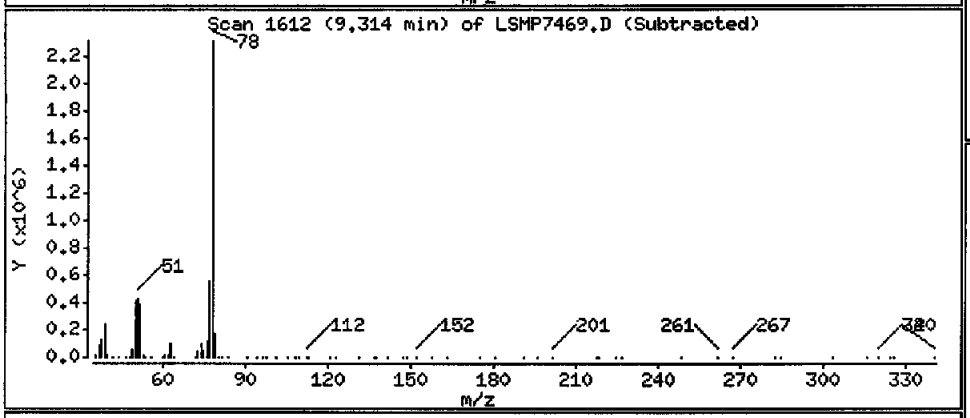
Purge Volume: 25.0 Operator: XIA

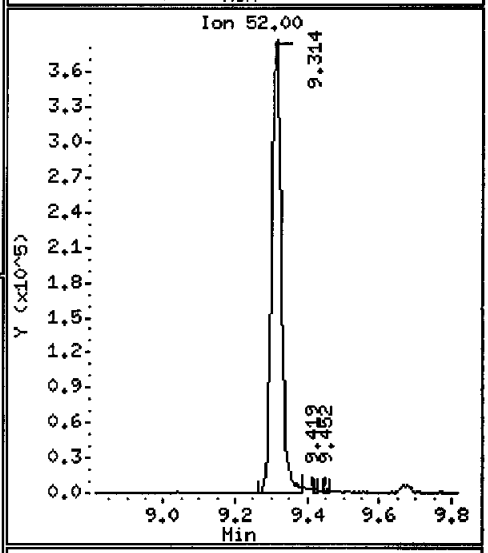
Column phase: RTX-502.2 Column diameter: 0.25

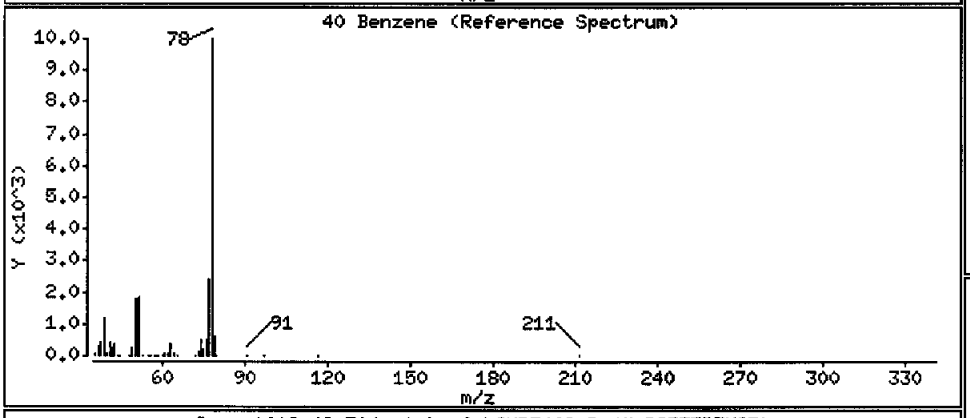
40 Benzene Concentration: 39.13 ug/L

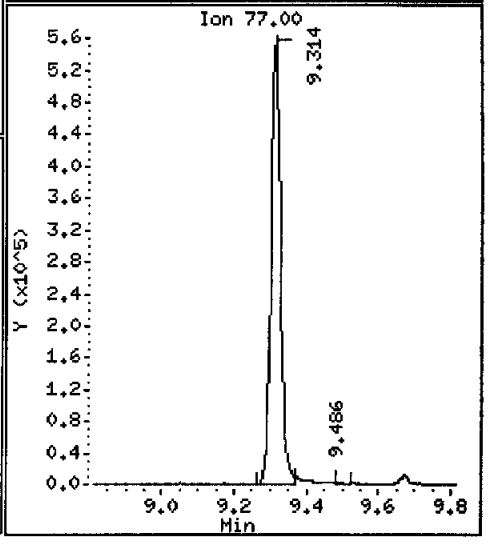


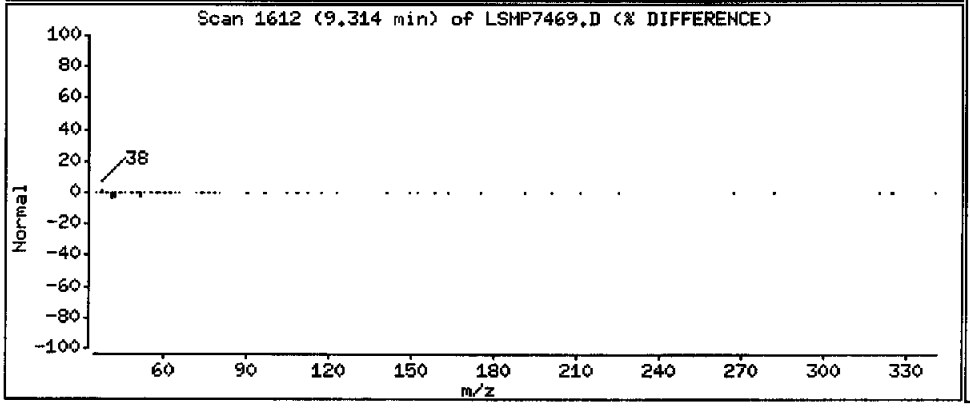












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

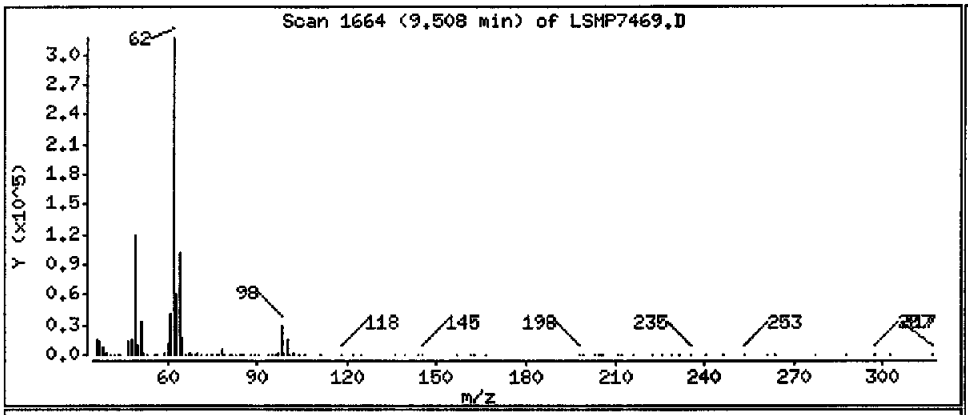
Client ID: DUPE-1 Instrument: MSL.i

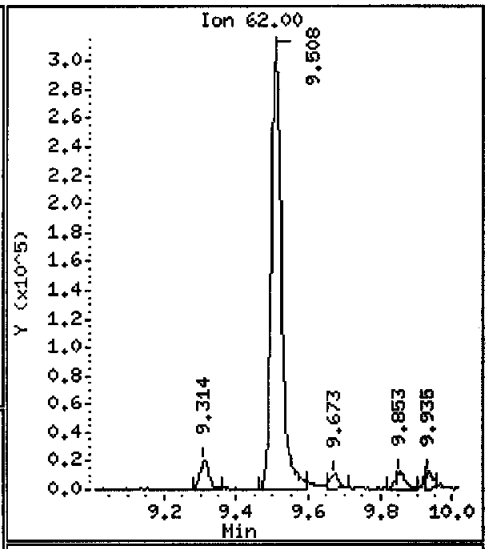
Sample Info: KEKN81AA

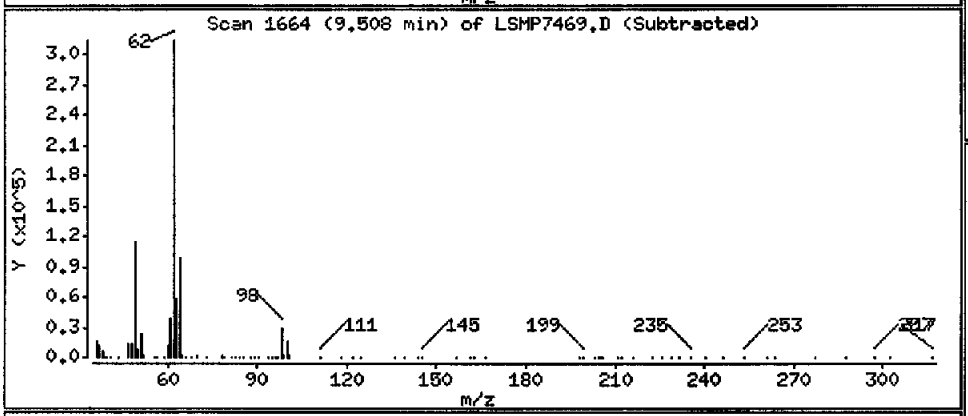
Purge Volume: 25.0 Operator: XIA

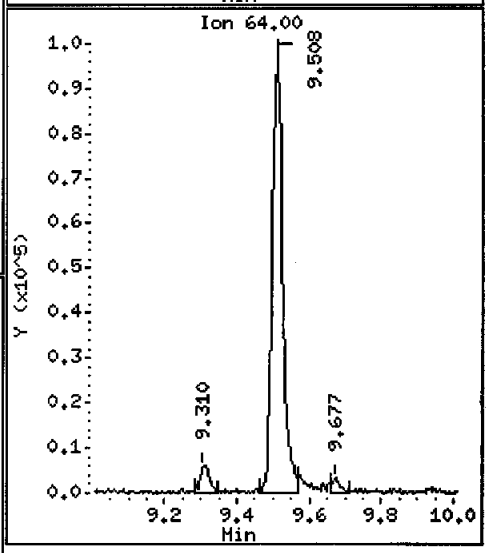
Column phase: RTX-502.2 Column diameter: 0.25

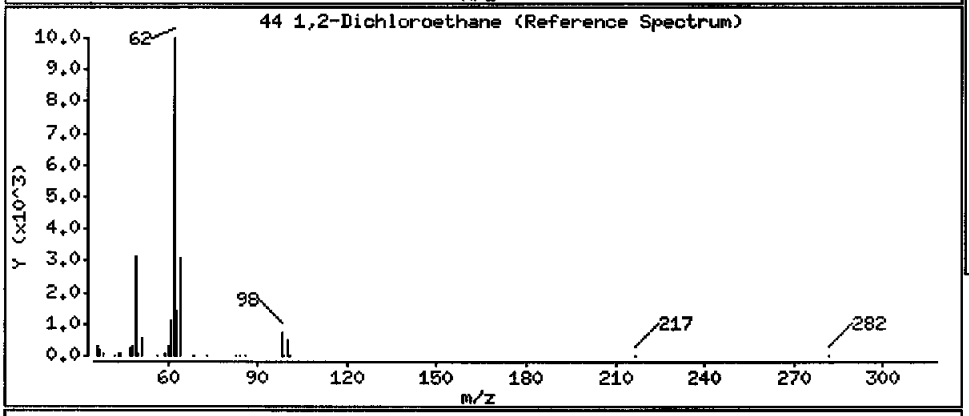
44 1,2-Dichloroethane Concentration: 41.36 ug/L

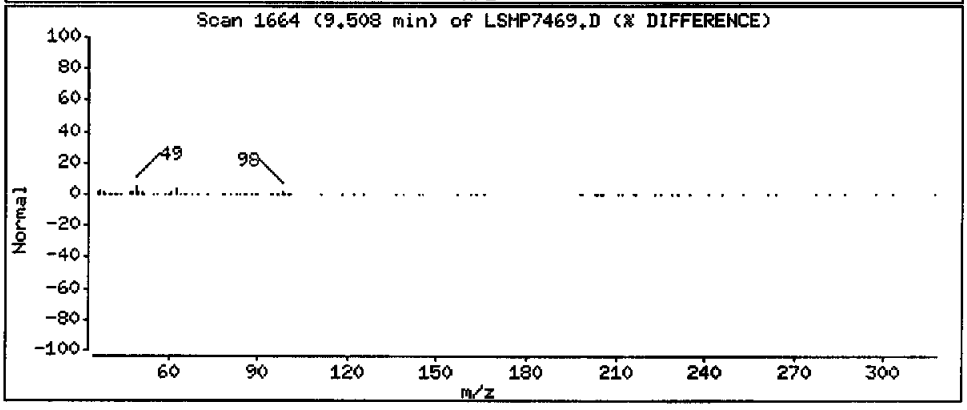












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

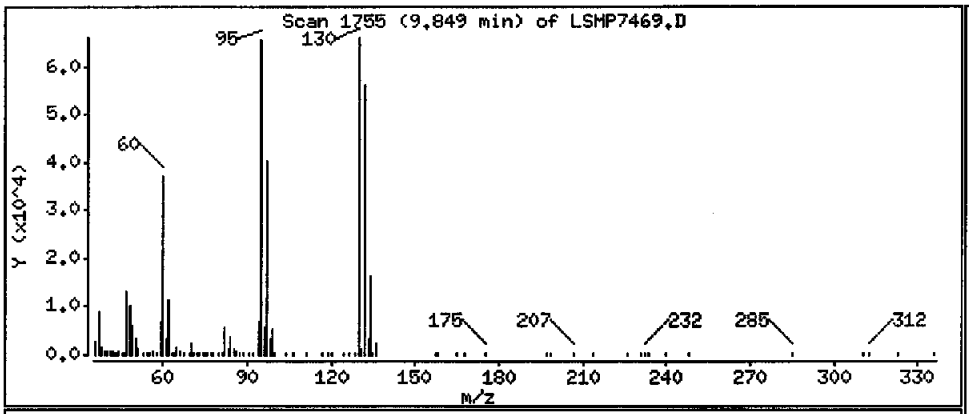
Client ID: DUPE-1 Instrument: MSL.i

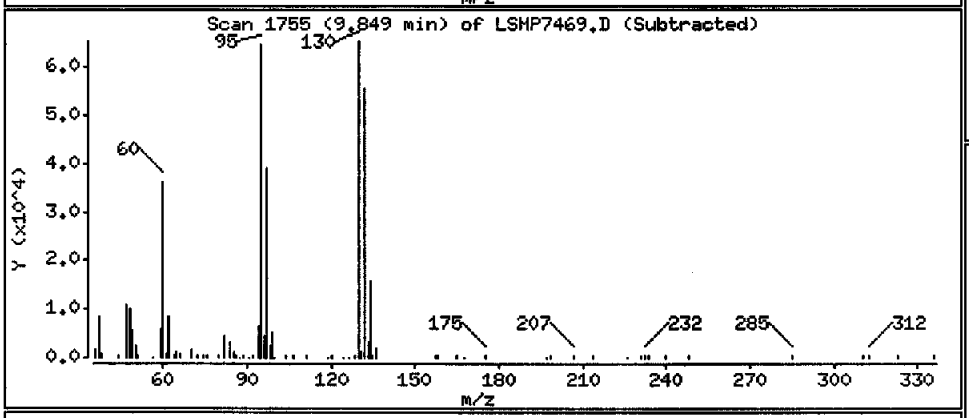
Sample Info: KEKN81AA

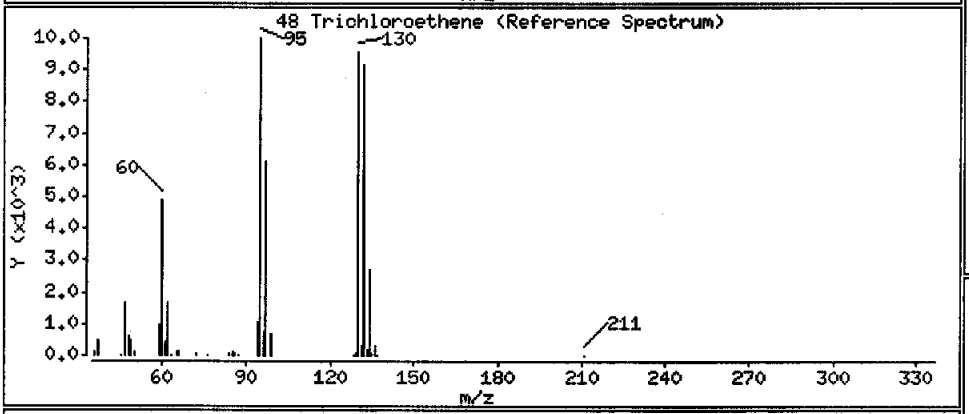
Purge Volume: 25.0 Operator: XIA

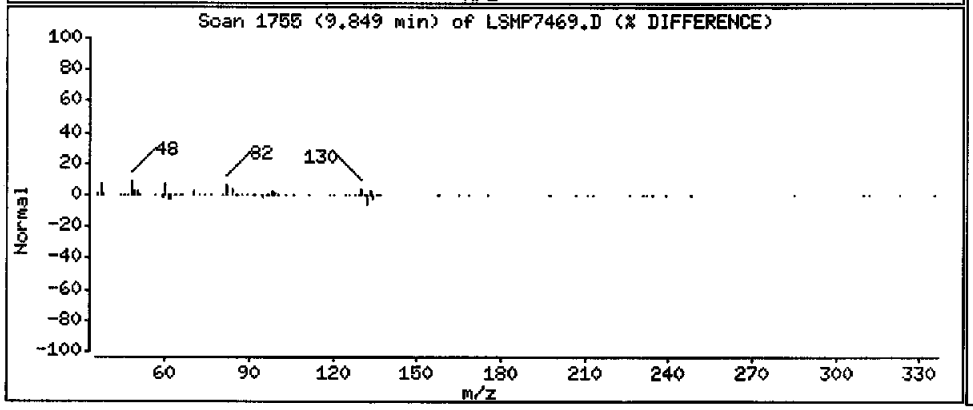
Column phase: RTX-502.2 Column diameter: 0.25

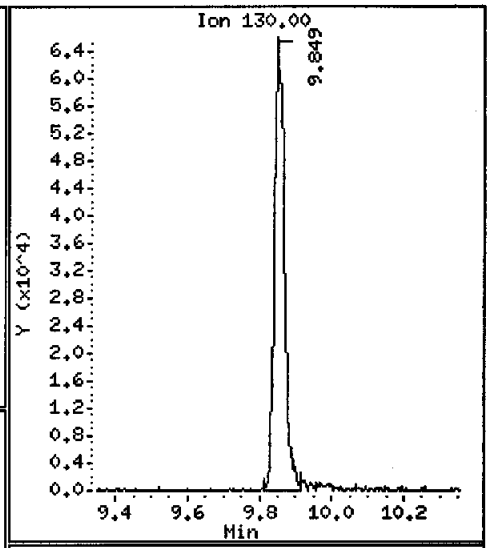
48 Trichloroethene Concentration: 4.624 ug/L

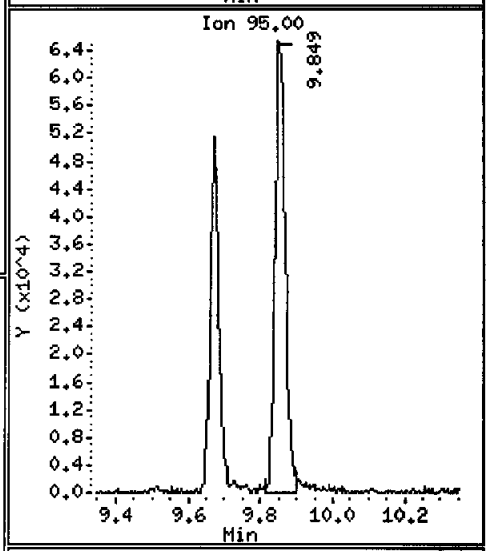


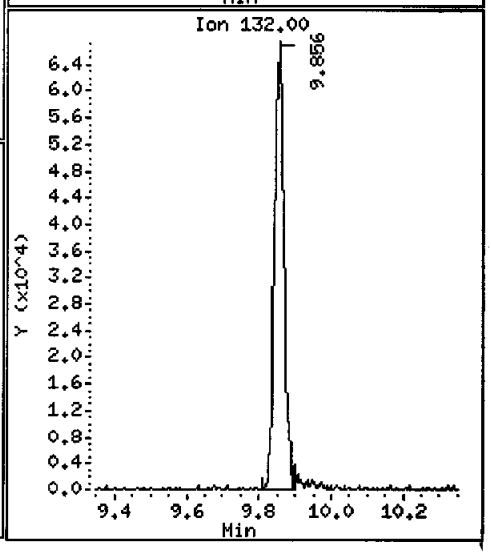












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

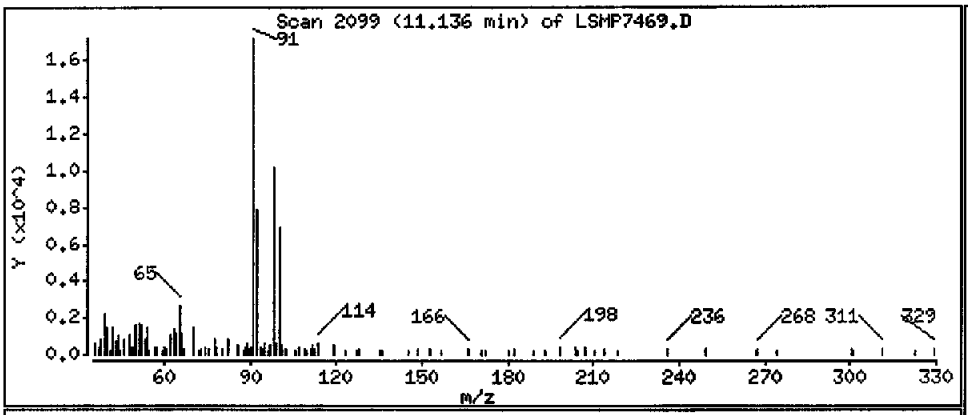
Client ID: DUPE-1 Instrument: MSL.i

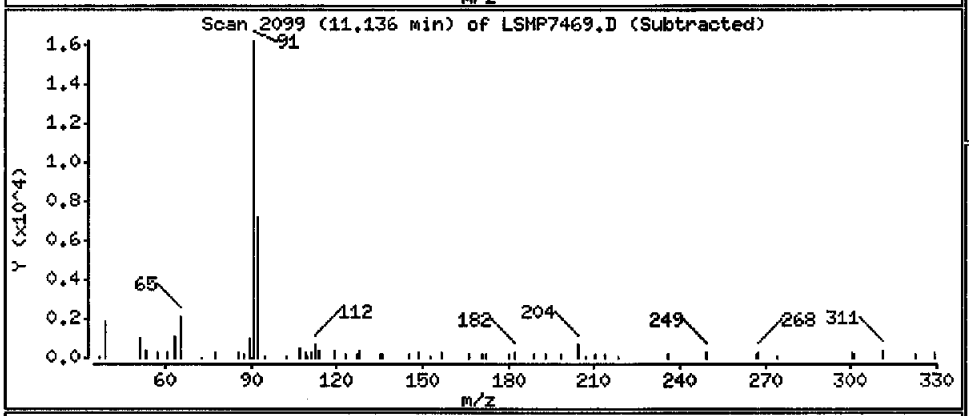
Sample Info: KEKN81AA

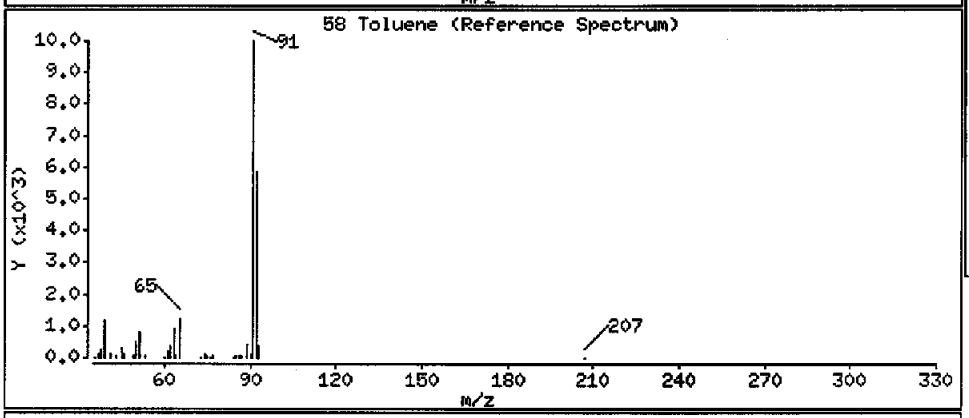
Purge Volume: 25.0 Operator: XIA

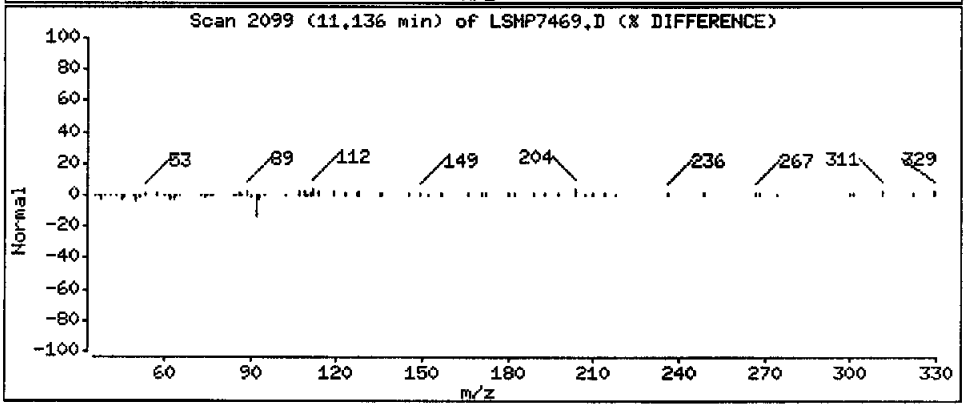
Column phase: RTX-502.2 Column diameter: 0.25

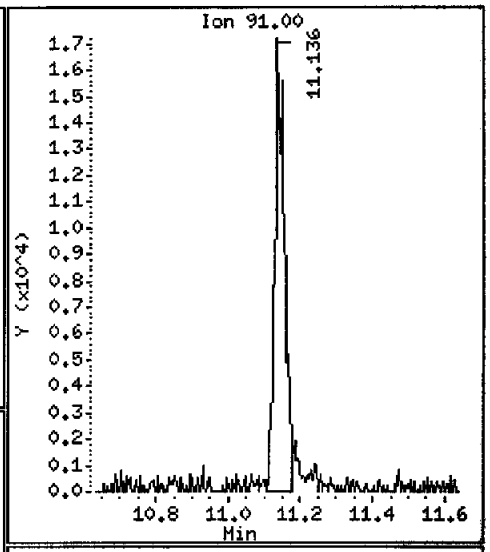
58 Toluene Concentration: 0.1276 ug/L

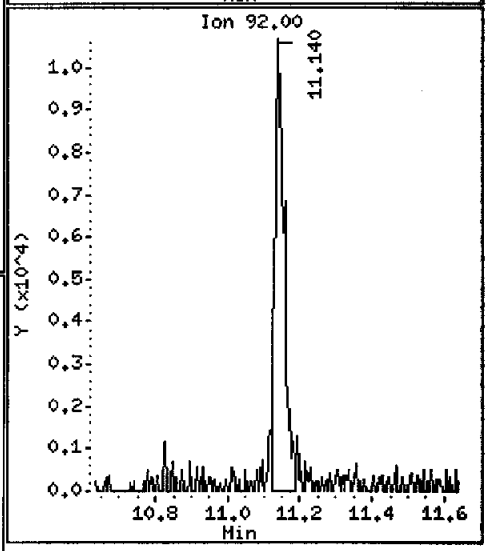












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

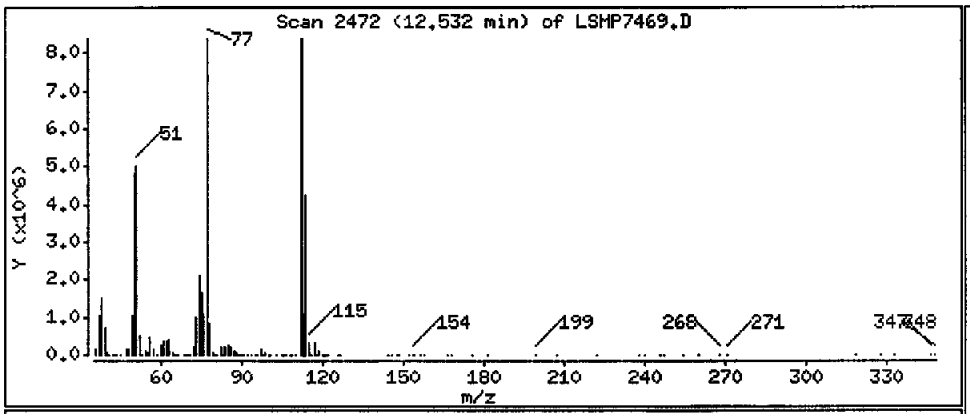
Client ID: DUPE-1 Instrument: MSL.i

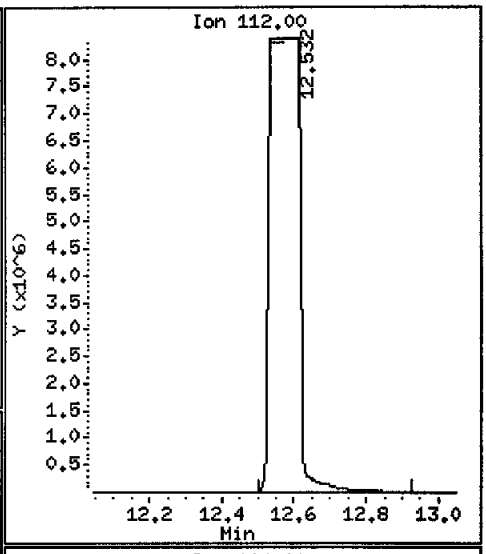
Sample Info: KEKN81AA

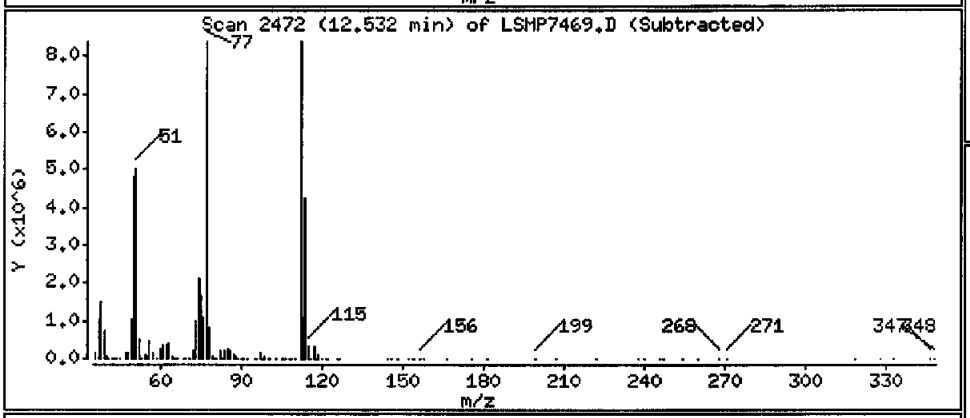
Purge Volume: 25.0 Operator: XIA

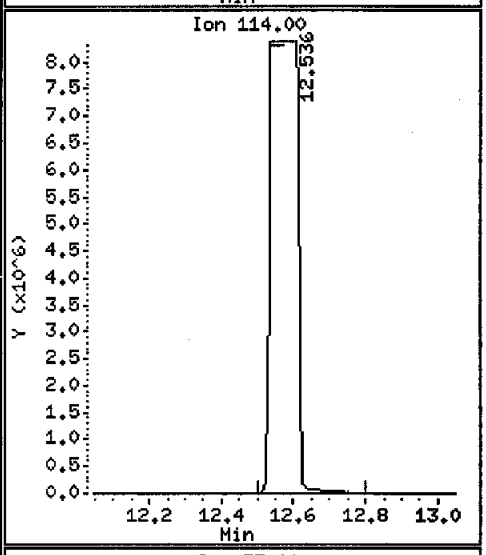
Column phase: RTX-502.2 Column diameter: 0.25

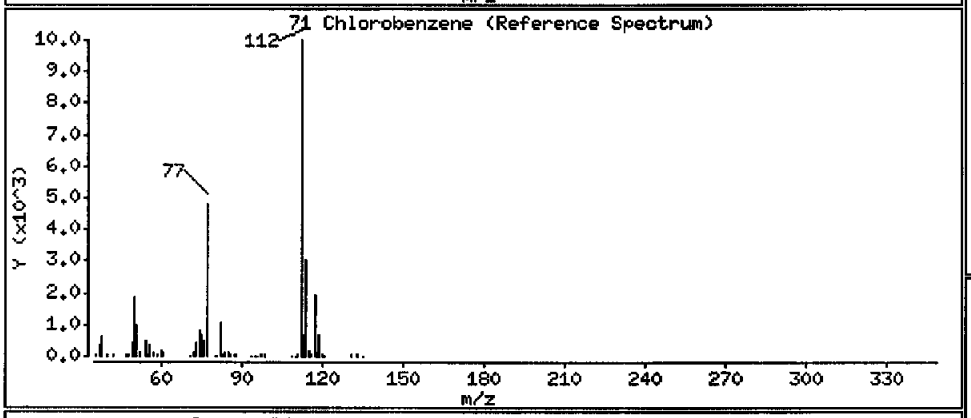
71 Chlorobenzene Concentration: 374.4 ug/L

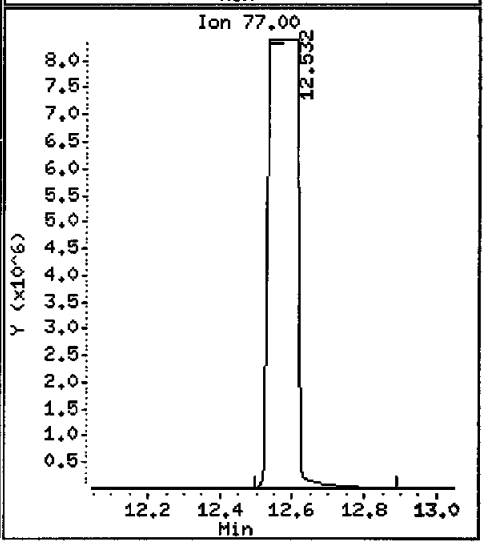


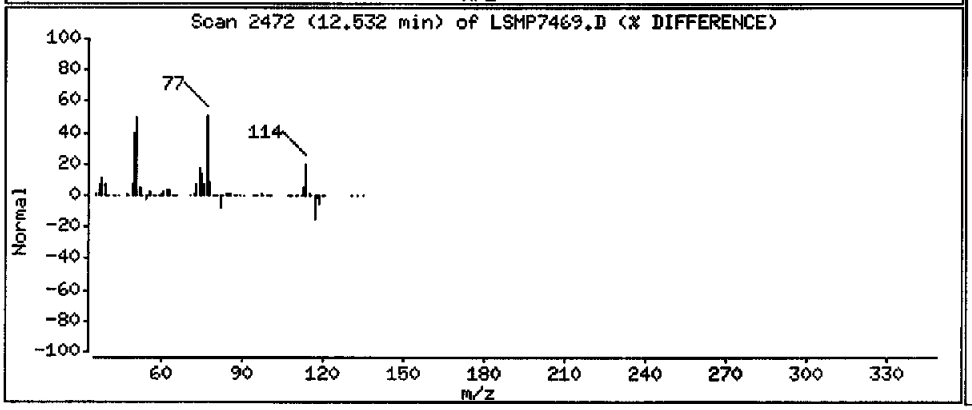












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

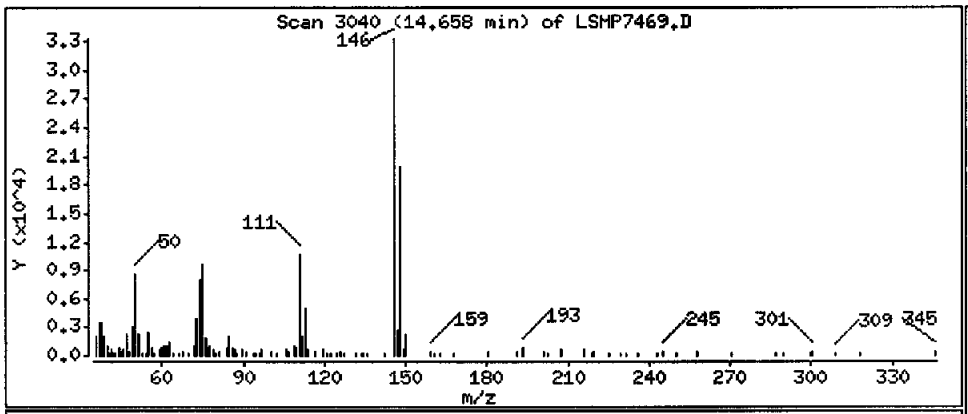
Client ID: DUPE-1 Instrument: MSL.i

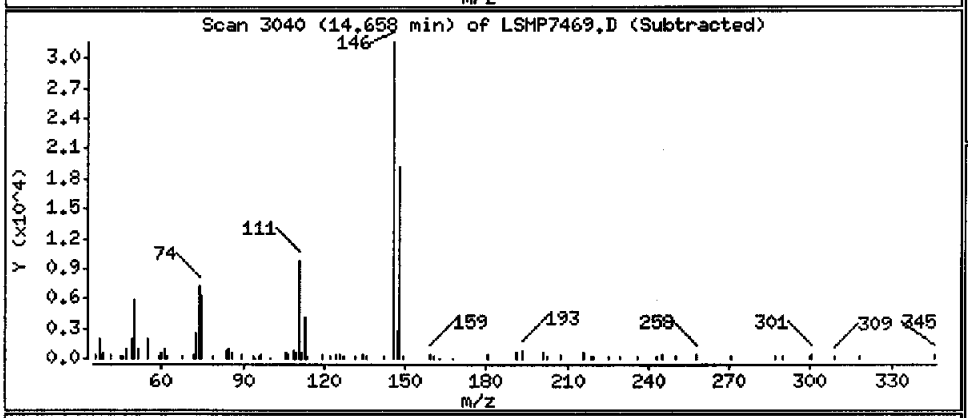
Sample Info: KEKN81AA

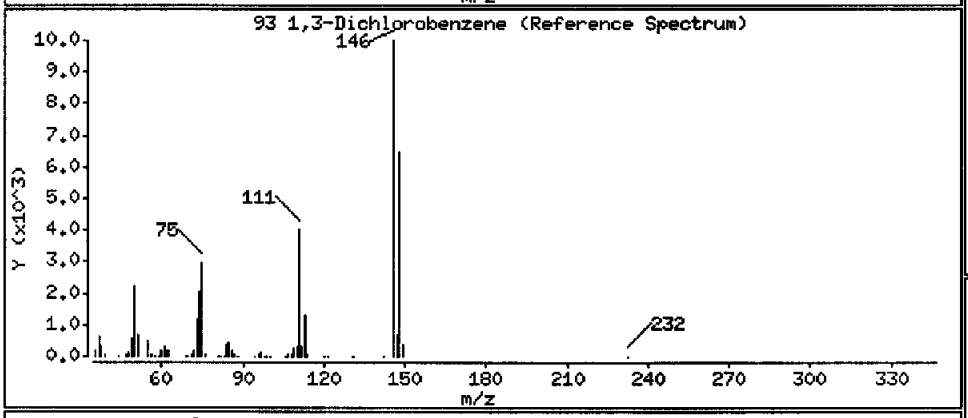
Purge Volume: 25.0 Operator: XIA

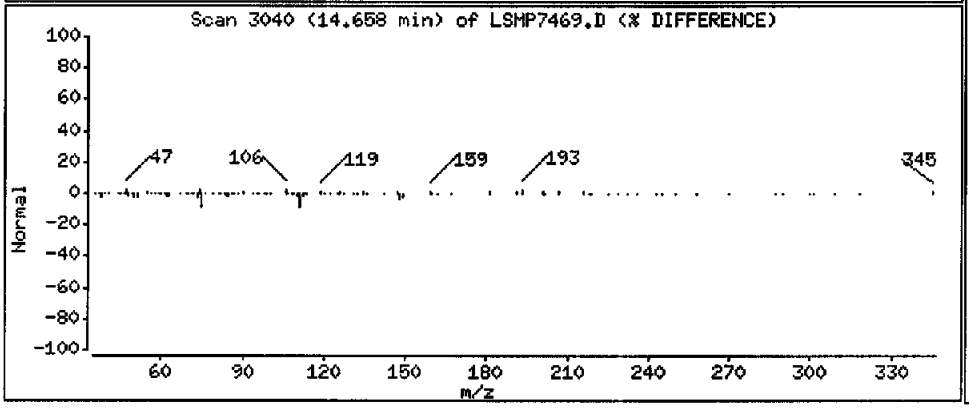
Column phase: RTX-502.2 Column diameter: 0.25

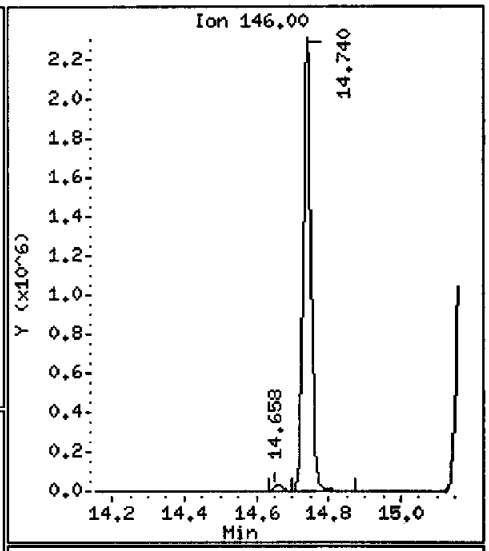
93 1,3-Dichlorobenzene Concentration: 0.8355 ug/L

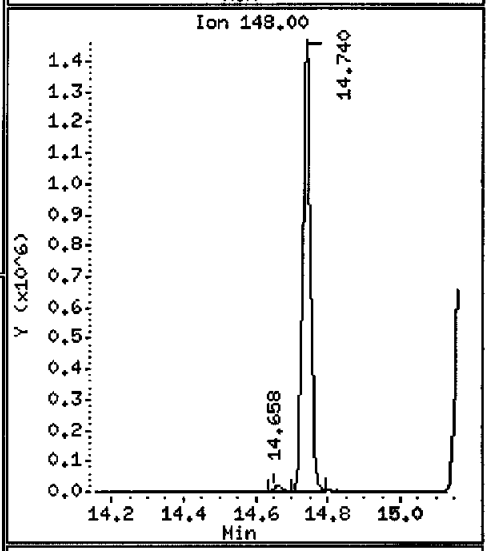


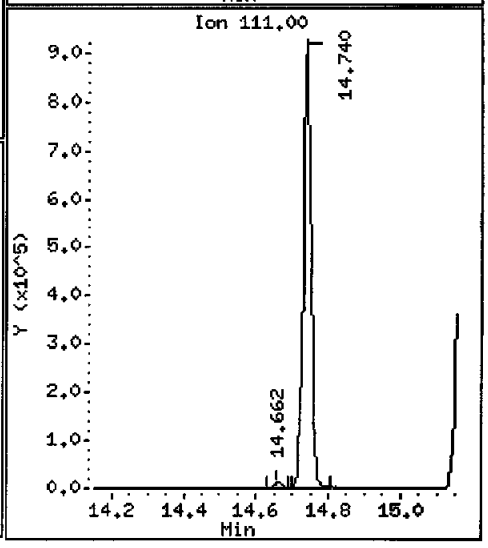












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

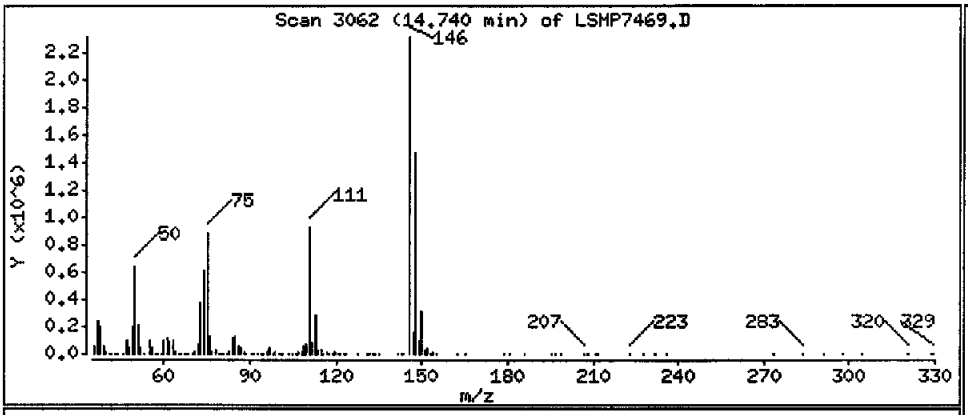
Client ID: DUPE-1 Instrument: MSL.i

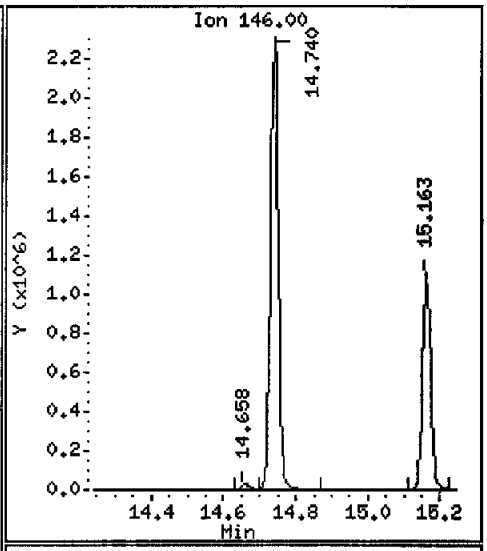
Sample Info: KEKN81AA

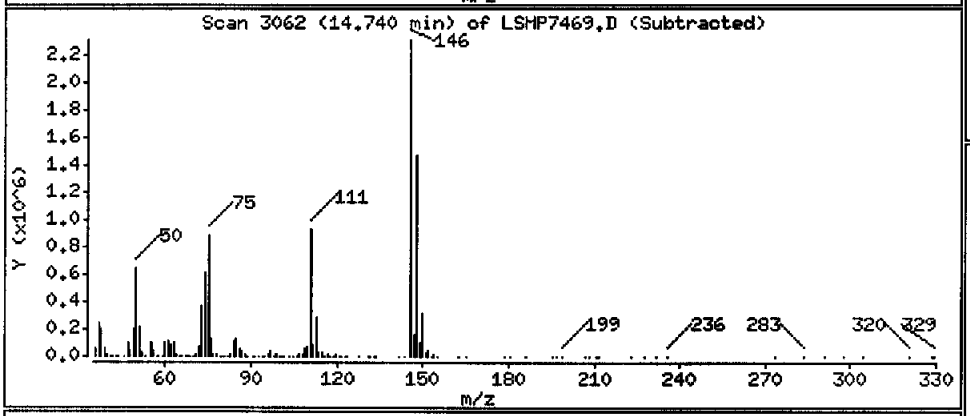
Purge Volume: 25.0 Operator: XIA

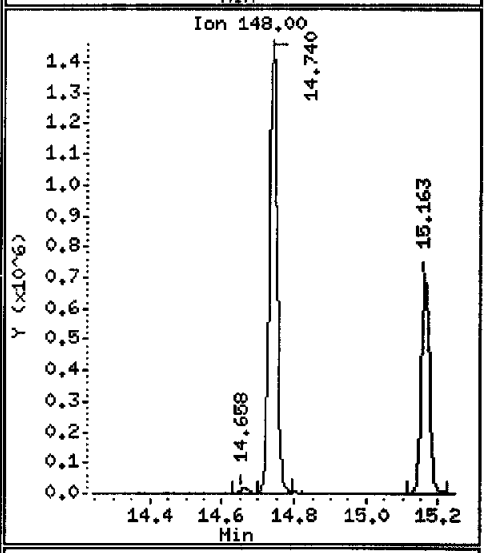
Column phase: RTX-502.2 Column diameter: 0.25

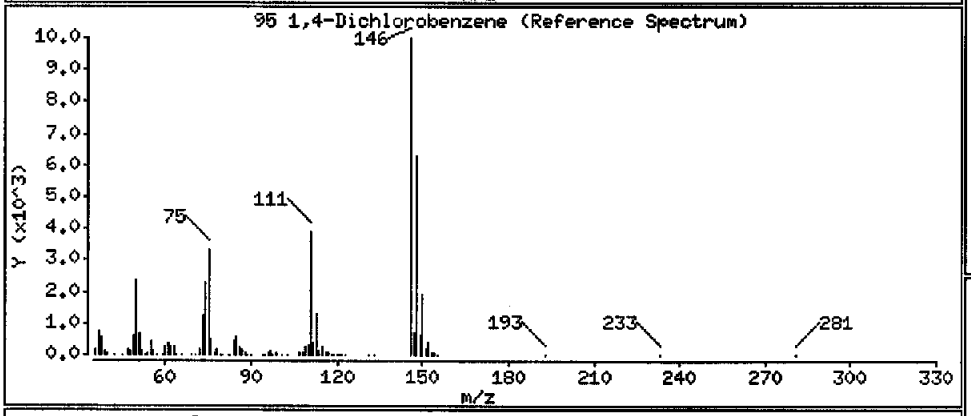
95 1,4-Dichlorobenzene Concentration: 57.76 ug/L

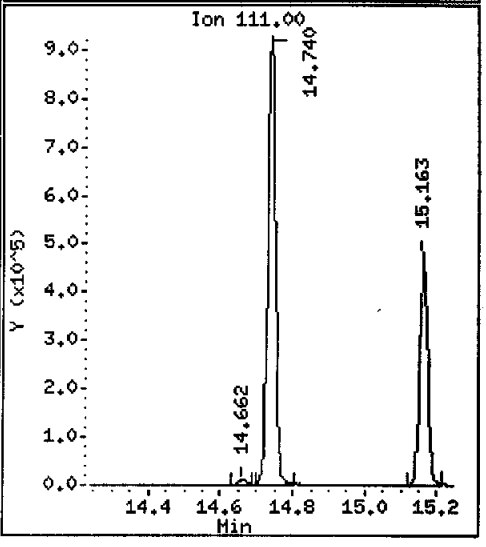


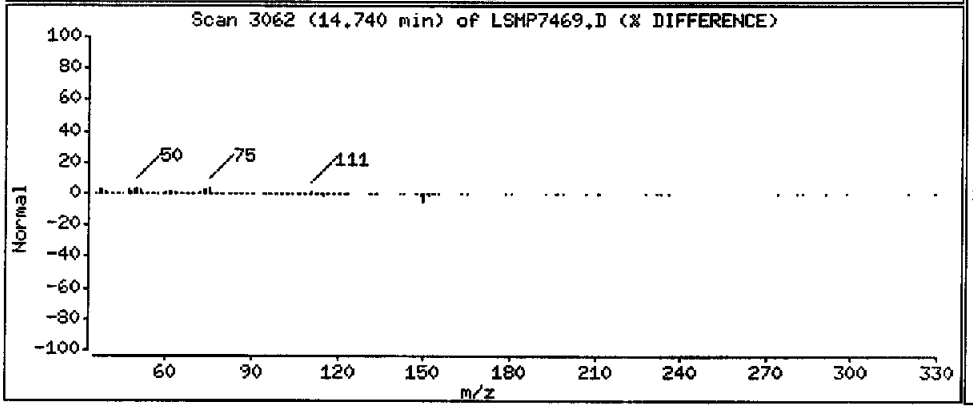












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

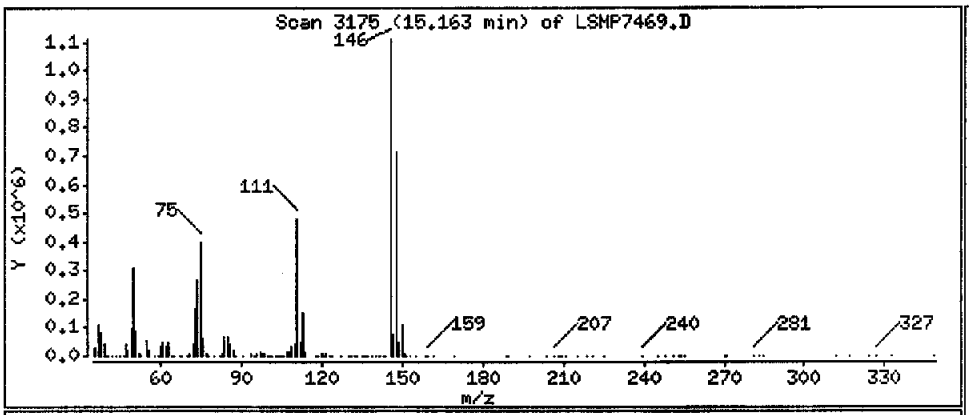
Client ID: DUPE-1 Instrument: MSL.i

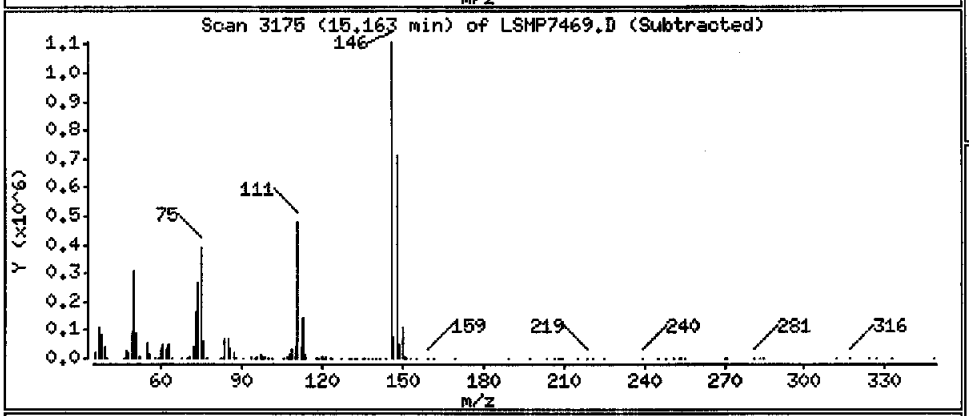
Sample Info: KEKN81AA

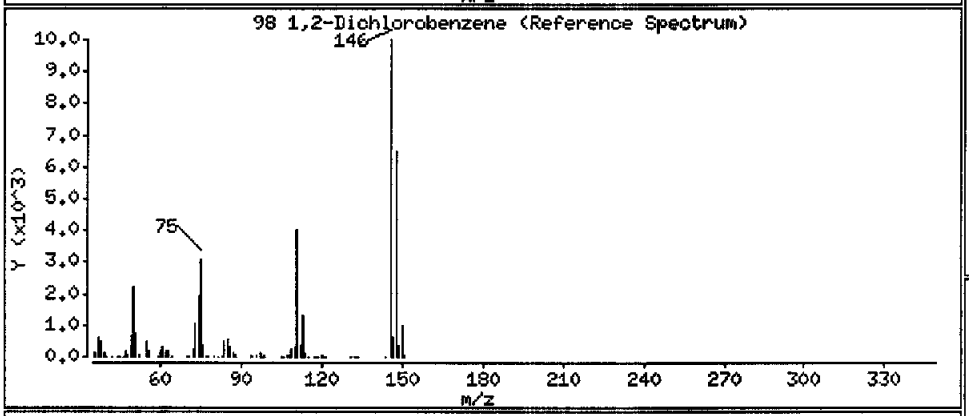
Purge Volume: 25.0 Operator: XIA

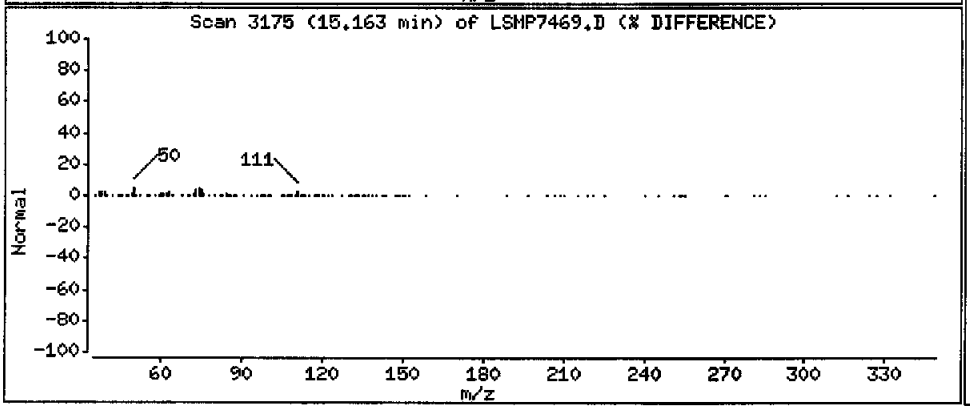
Column phase: RTX-502.2 Column diameter: 0.25

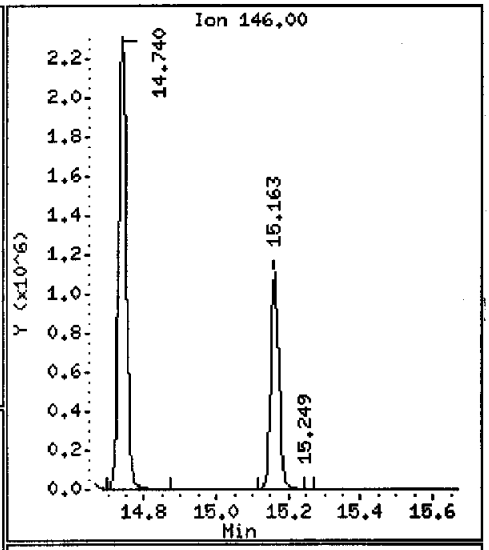
98 1,2-Dichlorobenzene Concentration: 39.61 ug/L

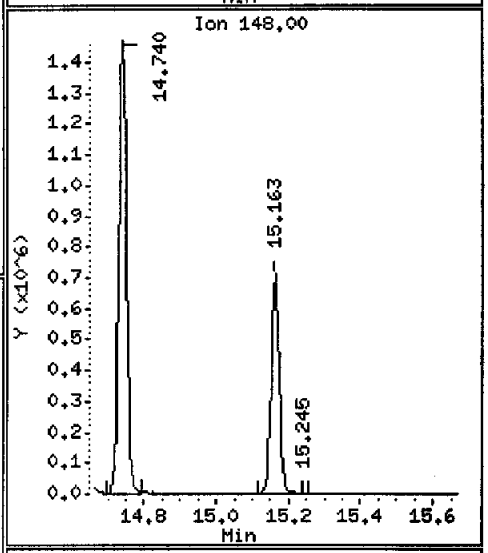


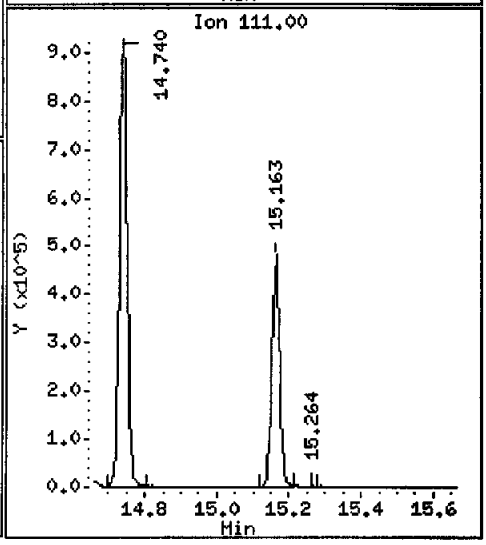






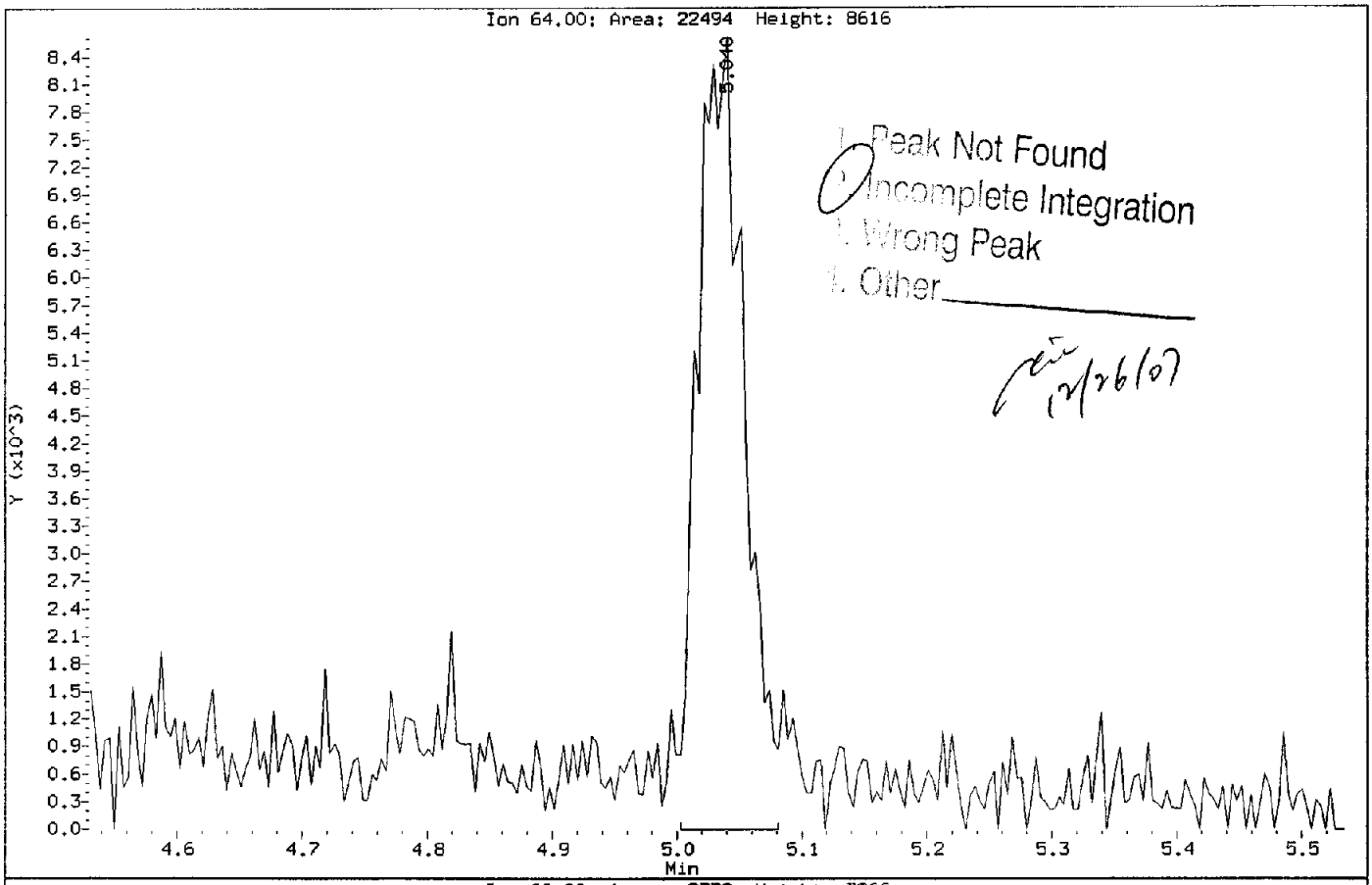


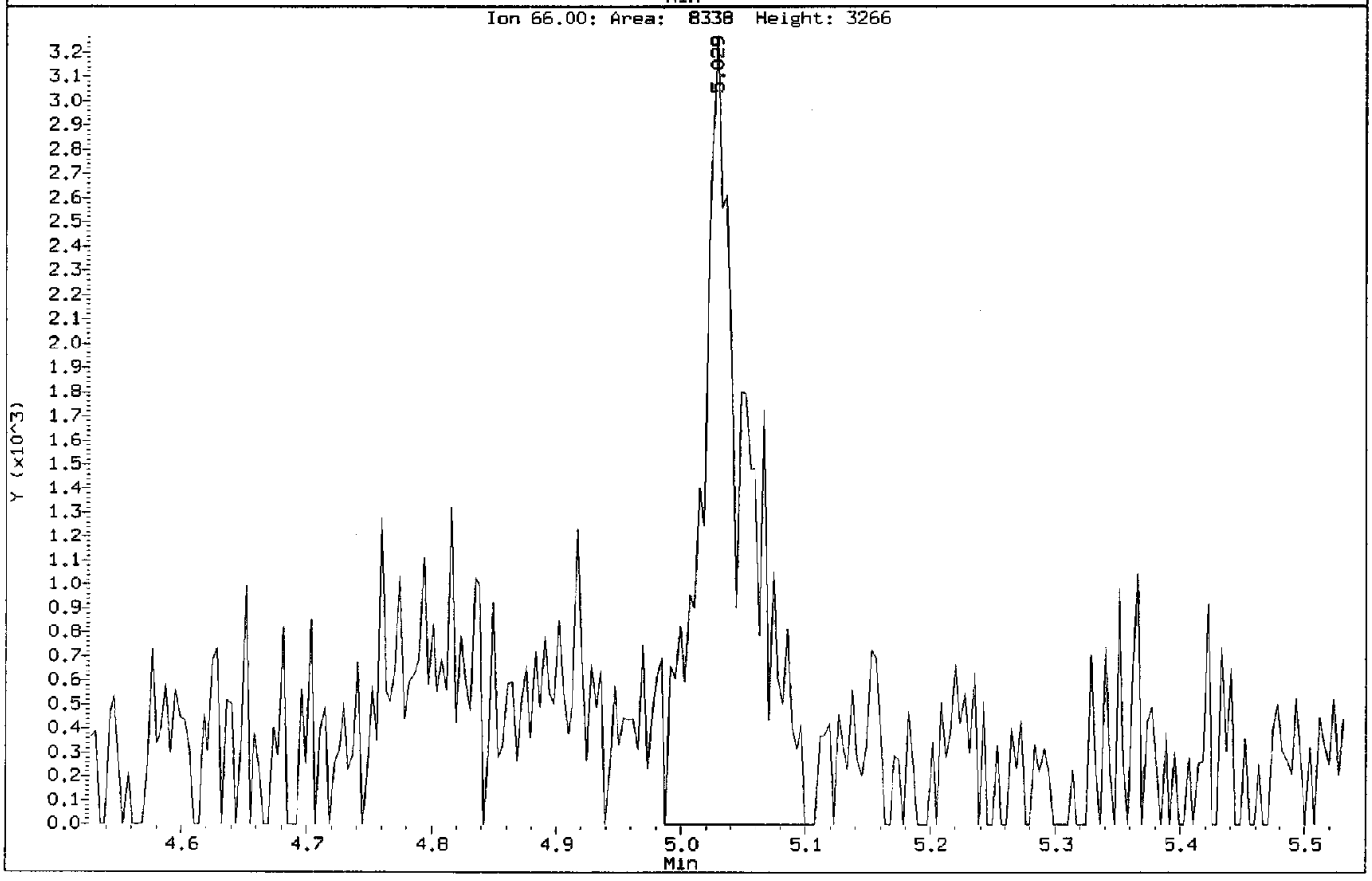




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D
Injection Date: 24-DEC-2007 18:27
Instrument: MSL.i
Client Sample ID: DUPE-1

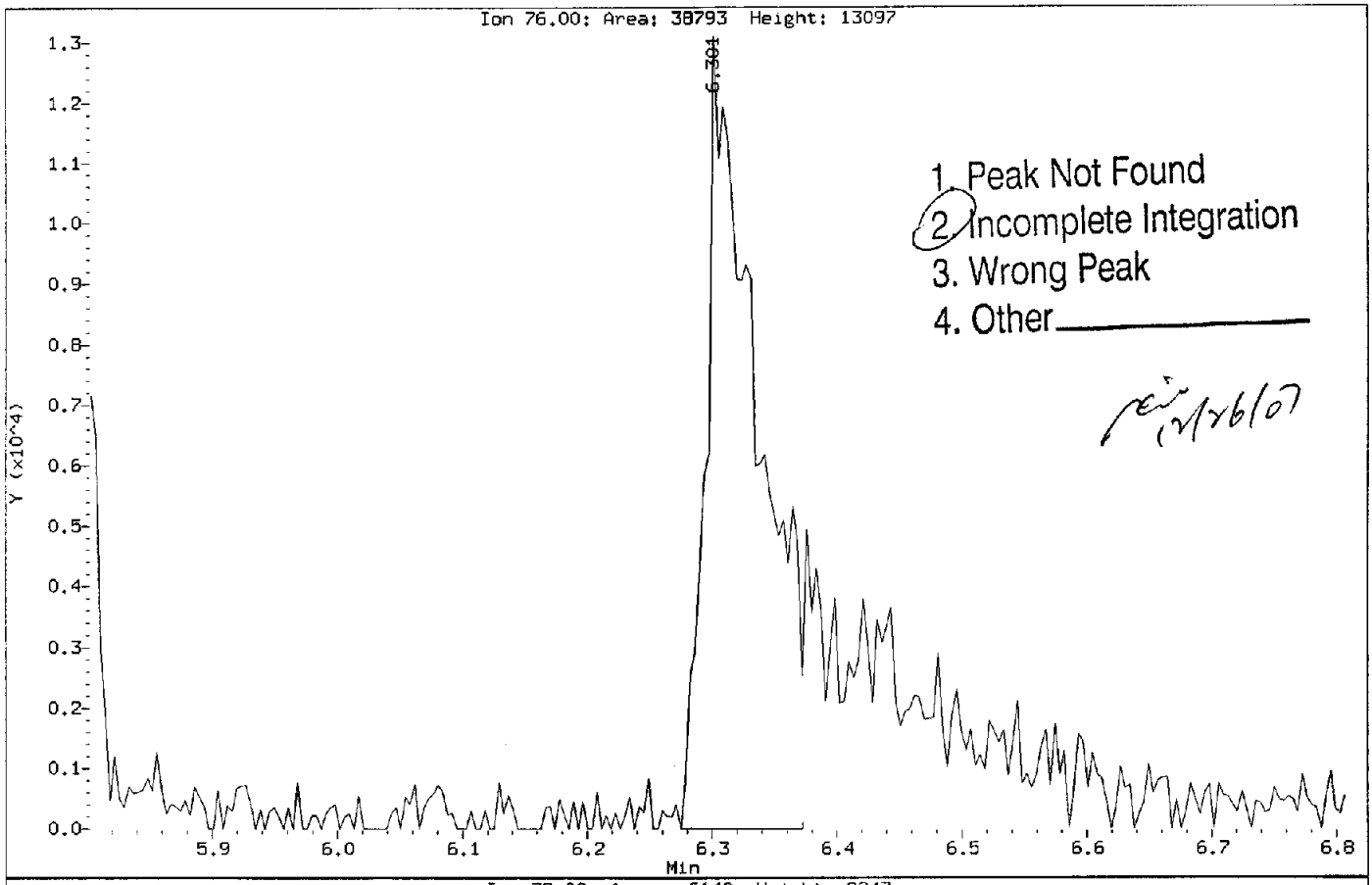
Compound: Chloroethane
CAS Number: 75-00-3

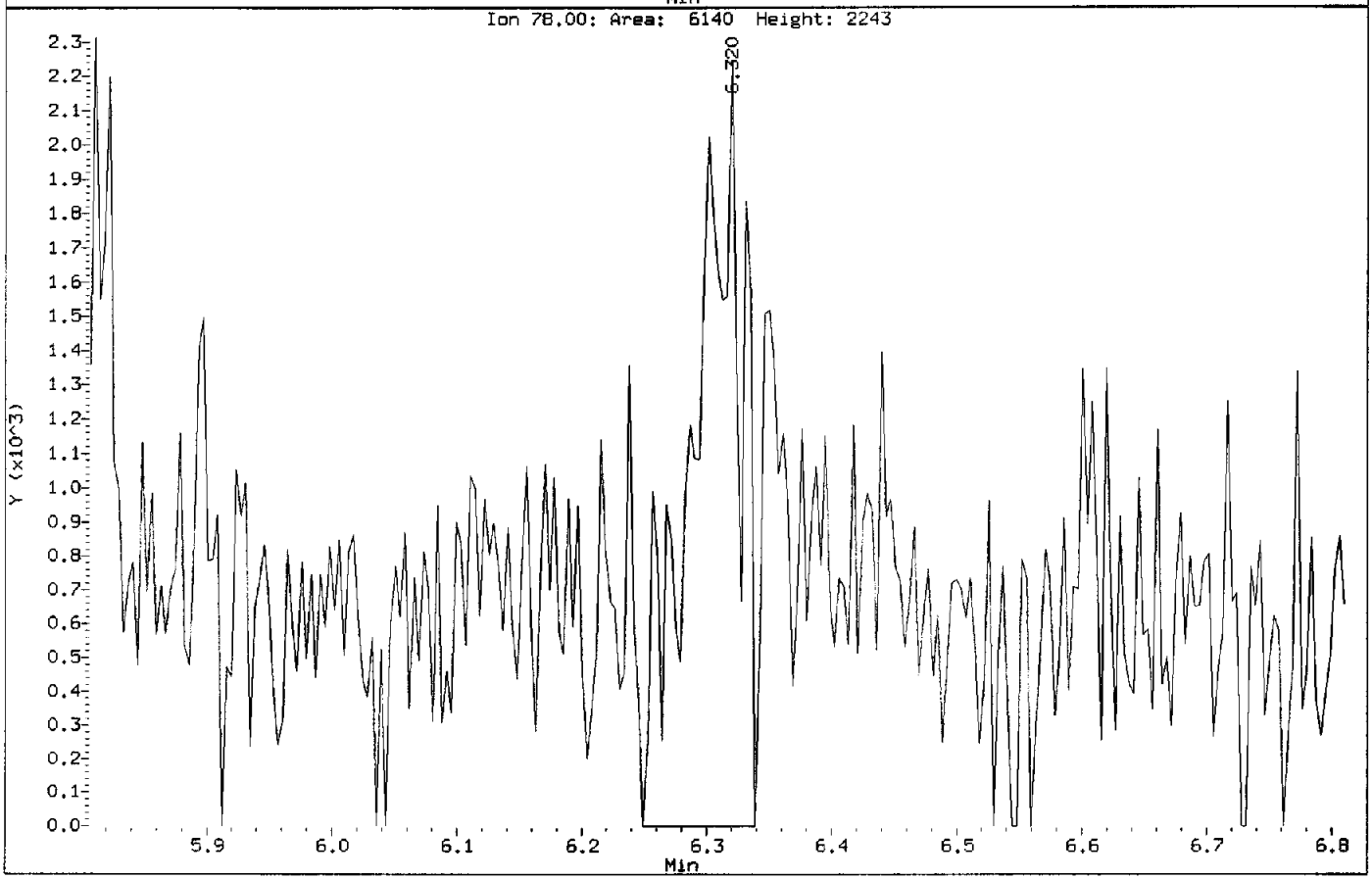




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D
Injection Date: 24-DEC-2007 18:27
Instrument: MSL.i
Client Sample ID: DUPE-1

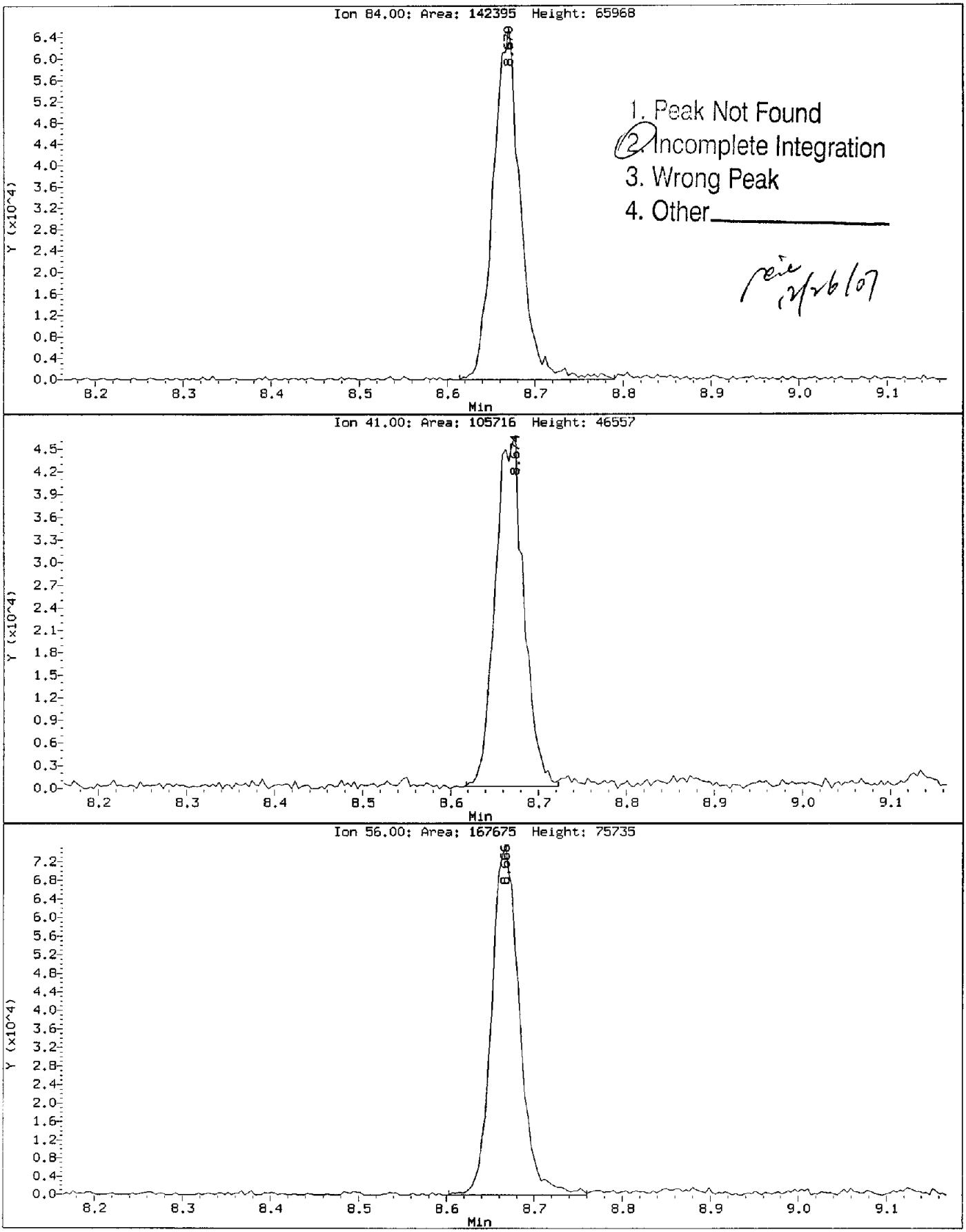
Compound: Carbon Disulfide
CAS Number: 75-15-0





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D
Injection Date: 24-DEC-2007 18:27
Instrument: MSL.i
Client Sample ID: DUPE-1

Compound: Cyclohexane
CAS Number:



Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D
Report Date: 26-Dec-2007 14:52

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D
Lab Smp Id: KEKN81AA Client Smp ID: DUPE-1
Inj Date : 24-DEC-2007 18:27
Operator : XIA Inst ID: MSL.i
Smp Info : KEKN81AA
Misc Info : VBLKL358A;F7L200290-002;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 45 Fluorobenzene	9.669	2140659	10.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
1-Pentene, 2-methyl-				CAS #: 763-29-1			
7.940	331654	1.54930687	1.549	86	Nist98.1	14979	45
Diethyl sulfide				CAS #: 352-93-2			
9.935	257987	1.20517736	1.205	94	Nist98.1	115543	45(L)

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

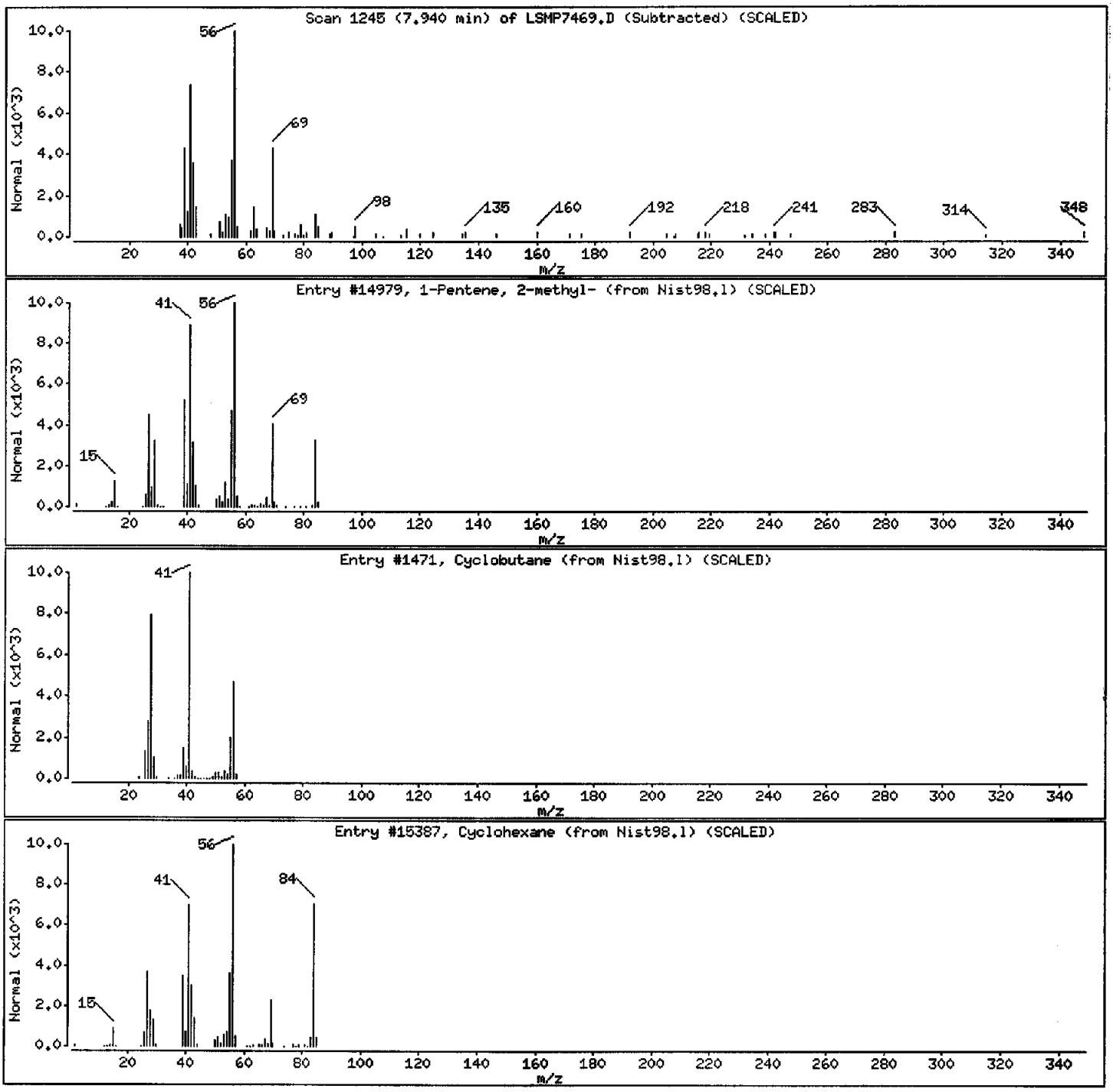
Client ID: DUPE-1 Instrument: MSL.i

Sample Info: KEKN81AA

Purge Volume: 25.0 Operator: XIA

Column phase: RTX-502.2 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Pentene, 2-methyl-	763-29-1	Nist98.l	14979	86	C6H12	84
Cyclobutane	287-23-0	Nist98.l	1471	59	C4H8	56
Cyclohexane	110-82-7	Nist98.l	15387	52	C6H12	84



Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7469.D

Date : 24-DEC-2007 18:27

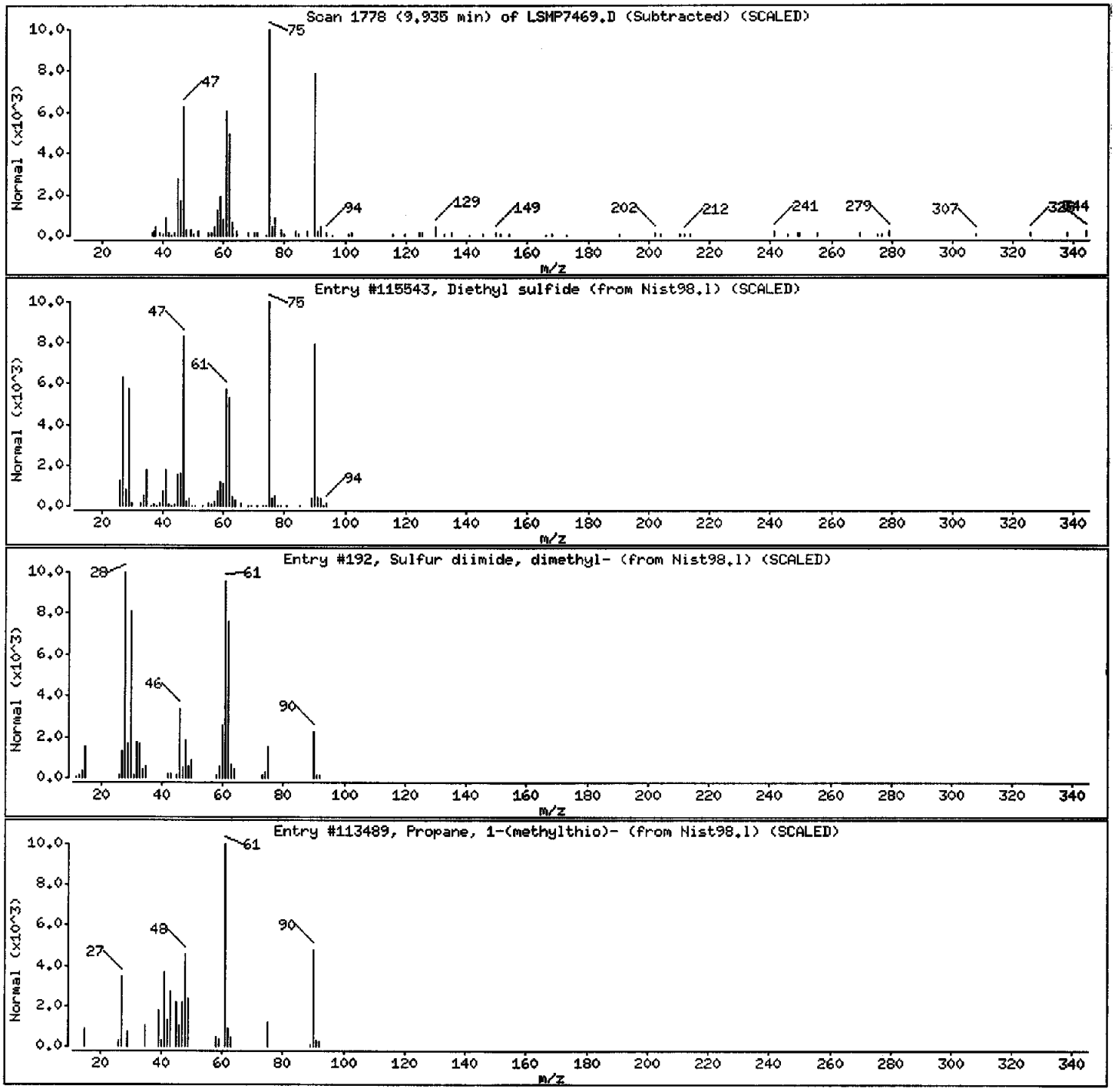
Client ID: DUPE-1 Instrument: MSL.i

Sample Info: KEKN81AA

Purge Volume: 25.0 Operator: XIA

Column phase: RTX-502.2 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
~~Unknown~~						
Diethyl sulfide ✓ ai 12/26/07	352-93-2	Nist98.l	115543	94	C4H10S	90
Sulfur diimide, dimethyl-	13849-02-0	Nist98.l	192	50	C2H6N2S	90
Propane, 1-(methylthio)-	3877-15-4	Nist98.l	113489	38	C4H10S	90



Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D
Report Date: 28-Dec-2007 14:20

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D
Lab Smp Id: KEKN82AA Client Smp ID: DUPE-1
Inj Date : 27-DEC-2007 18:34
Operator : XIA Inst ID: MSL.i
Smp Info : KEKN82AA
Misc Info : VBLKL361A;F7L200290-002;7362155;100X
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	0.25000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	8 Diethyl ether	59	5.788	5.792	(0.598)	100371	13.0137	1301
	15 Methylene Chloride	84	6.967	6.967	(0.720)	36005	1.76555	176.6
	24 1,1-Dichloroethane	63	7.884	7.872	(0.815)	26397	0.56995	56.99
$	36 Dibromofluoromethane	113	8.906	8.905	(0.921)	159624	11.7498	1175
	40 Benzene	78	9.325	9.313	(0.964)	44405	0.41885	41.88(M)
$	43 1,2-Dichloroethane-d4	65	9.441	9.444	(0.976)	125661	11.7623	1176
	44 1,2-Dichloroethane	62	9.519	9.508	(0.984)	8162	0.57337	57.34(MH)
*	45 Fluorobenzene	96	9.673	9.672	(1.000)	916349	10.0000	
$	57 Toluene-d8	98	11.084	11.083	(0.885)	890442	8.93324	893.3
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	666663	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	4685797	65.5349	6553(A)
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	218976	10.3731	1037
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.721	(1.000)	214824	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	27067	0.69389	69.39(M)
	98 1,2-Dichlorobenzene	146	15.185	15.162	(1.031)	12545	0.42867	42.87(M)

12/28/07

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D
Report Date: 28-Dec-2007 14:20

STL St. Louis

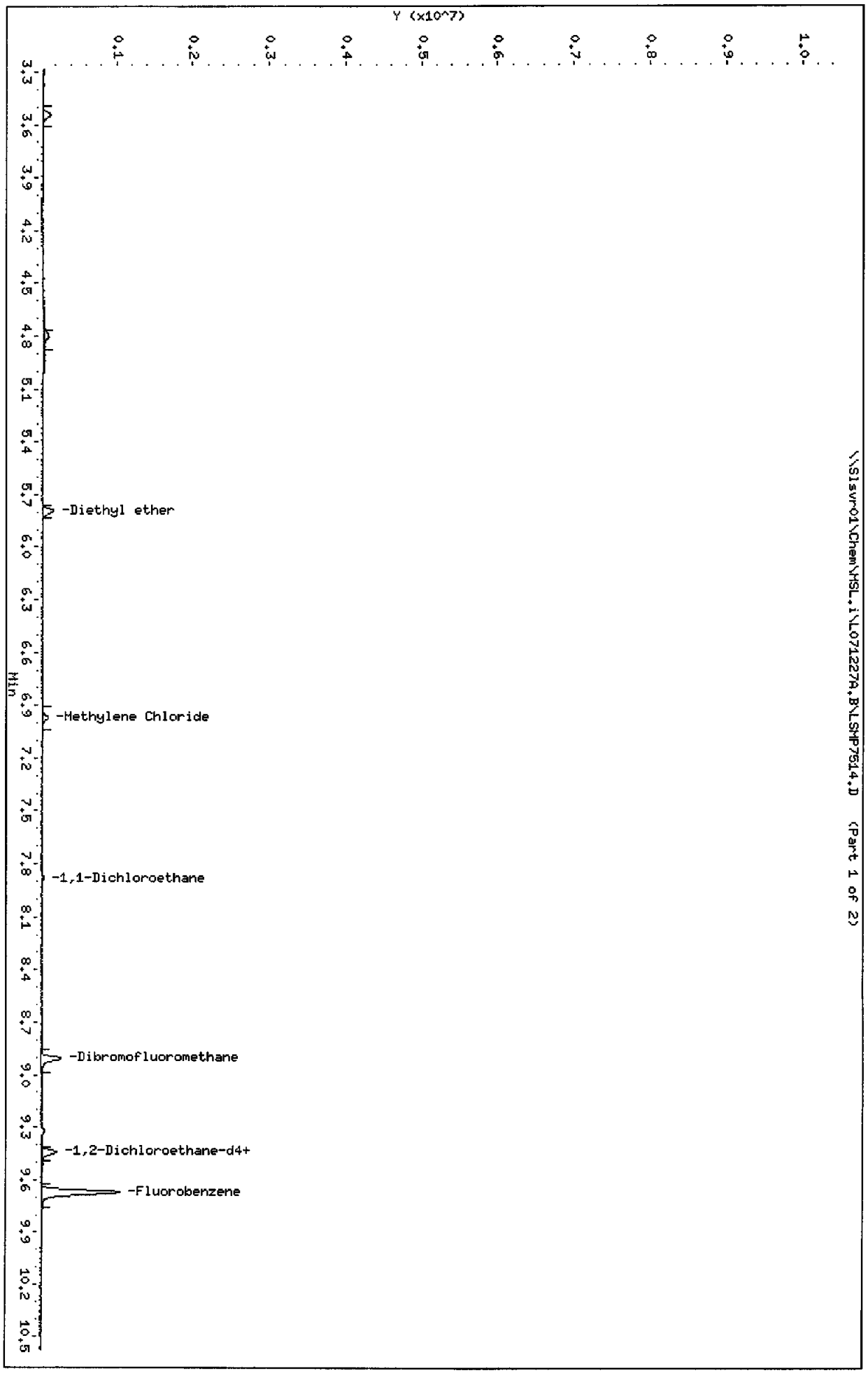
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

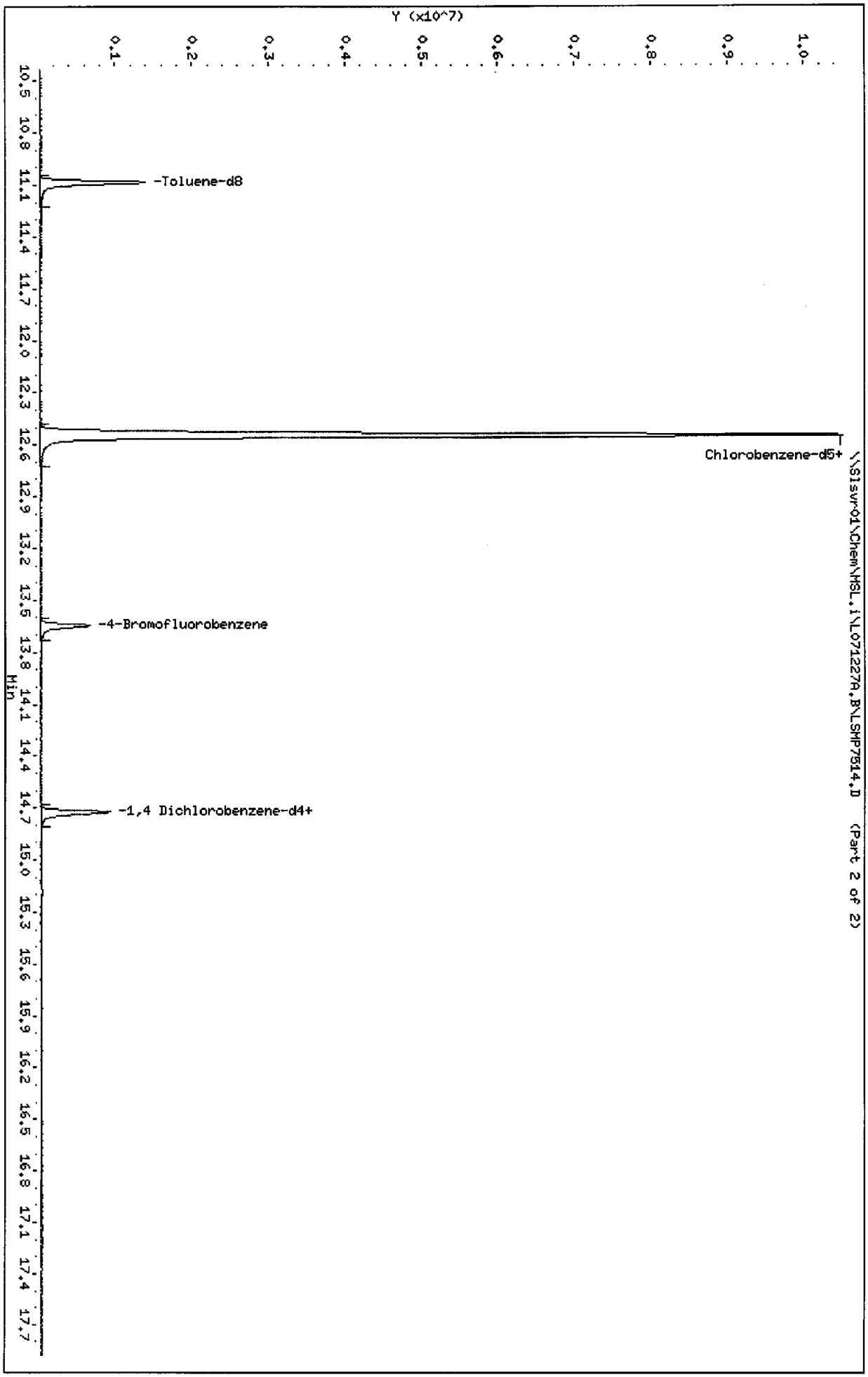
Instrument ID: MSL.i
Lab File ID: LSMP7514.D
Lab Smp Id: KEKN82AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 27-DEC-2007
Calibration Time: 11:33
Client Smp ID: DUPE-1
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;F7L200290-002;7362155;100X

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1414972	707486	2829944	916349	-35.24
70 Chlorobenzene-d5	860970	430485	1721940	666663	-22.57
94 1,4 Dichlorobenze	346015	173008	692030	214824	-37.91

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.73	0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSHP7514.D
Date : 27-DEC-2007 18:34
Client ID: DUPE-1
Sample Info: KEKN32AA
Purge Volume: 0.3
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^7)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
3.3
3.6
3.9
4.2
4.5
4.8
5.1
5.4
5.7
6.0
6.3
6.6
6.9
7.2
7.5
7.8
8.1
8.4
8.7
9.0
9.3
9.6
9.9
10.2
10.5
Min
-Diethyl ether
-Methylene Chloride
-1,1-Dichloroethane
-Dibromofluoromethane
-1,2-Dichloroethane-d4+
-Fluorobenzene
\\Slsvr01\Chem\MSL.i\L071227A.B\LSHP7514.D (Part 1 of 2)


Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSHP7514.D
Date : 27-DEC-2007 18:34
Client ID: DUPE-1
Sample Info: KEKN82AA
Purge Volume: 0.3
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^7)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
-Toluene-d8
Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4+
\\Slsvr01\Chem\MSL.i\L071227A.B\LSHP7514.D (Part 2 of 2)
Min
10.5
10.8
11.1
11.4
11.7
12.0
12.3
12.6
12.9
13.2
13.5
13.8
14.1
14.4
14.7
15.0
15.3
15.6
15.9
16.2
16.5
16.8
17.1
17.4
17.7

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D

Date : 27-DEC-2007 18:34

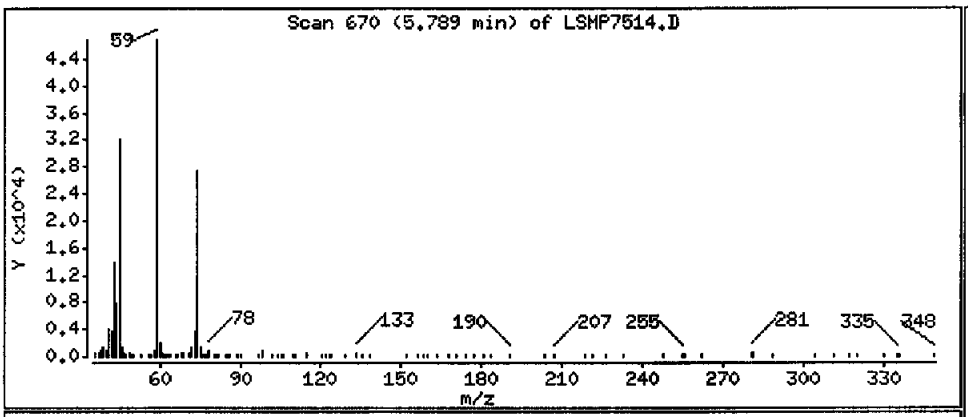
Client ID: DUPE-1 Instrument: MSL.i

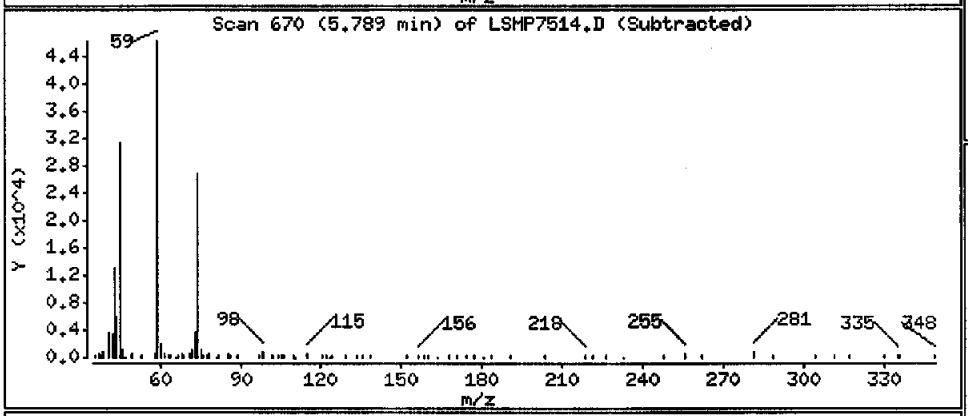
Sample Info: KEKN82AA

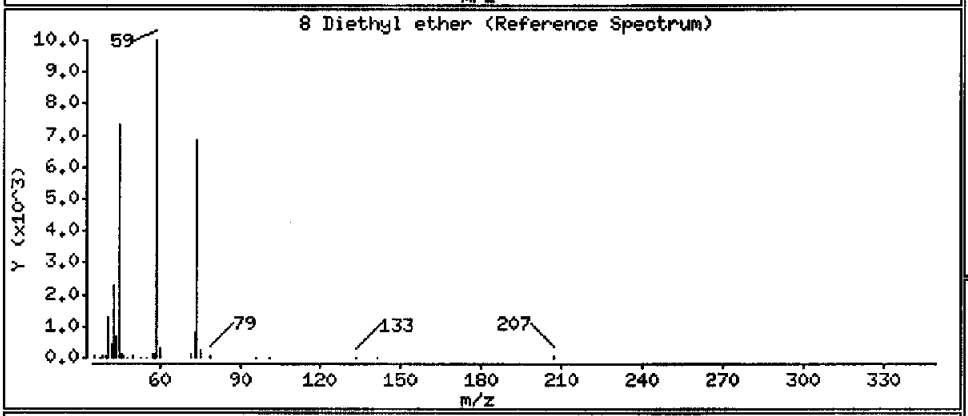
Purge Volume: 0.3 Operator: XIA

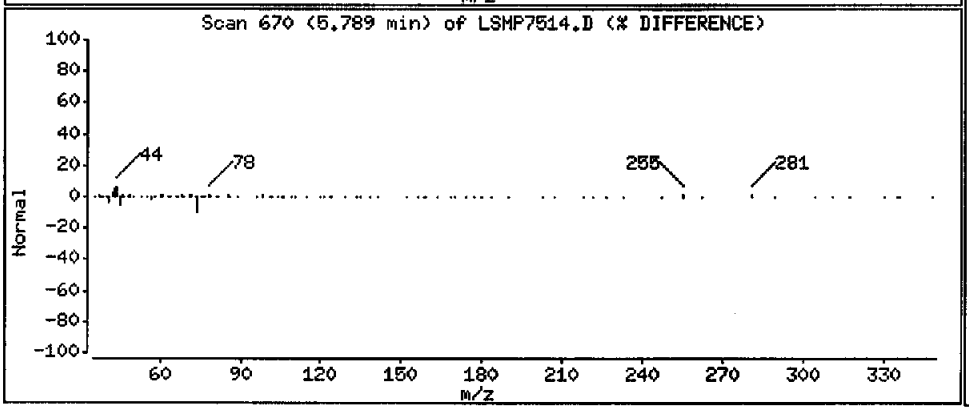
Column phase: RTX-502.2 Column diameter: 0.25

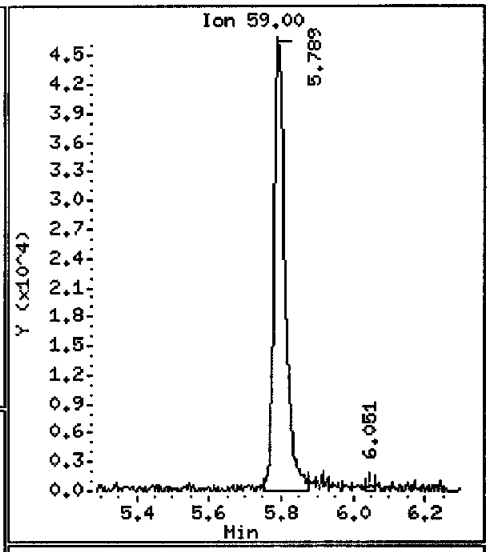
8 Diethyl ether Concentration: 1301 ug/L

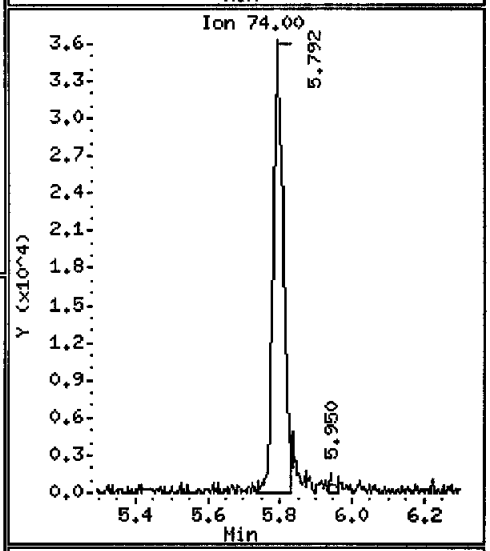


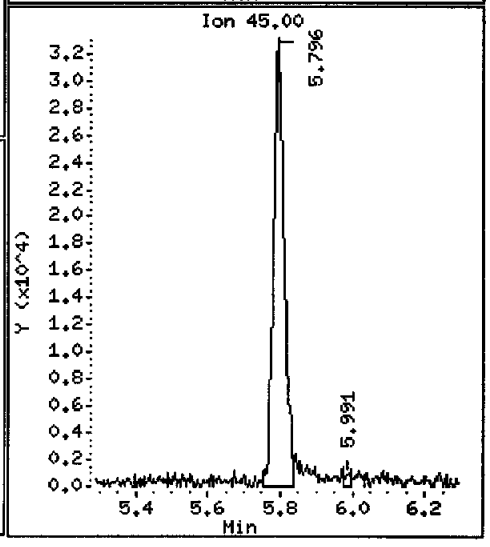












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D

Date : 27-DEC-2007 18:34

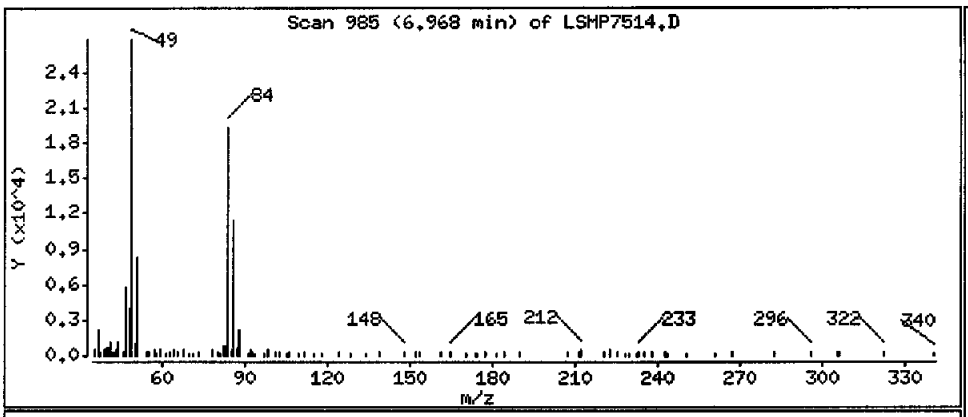
Client ID: DUPE-1 Instrument: MSL.i

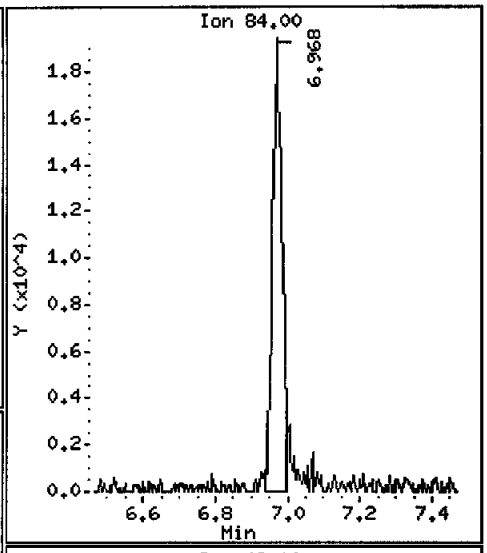
Sample Info: KEKN82AA

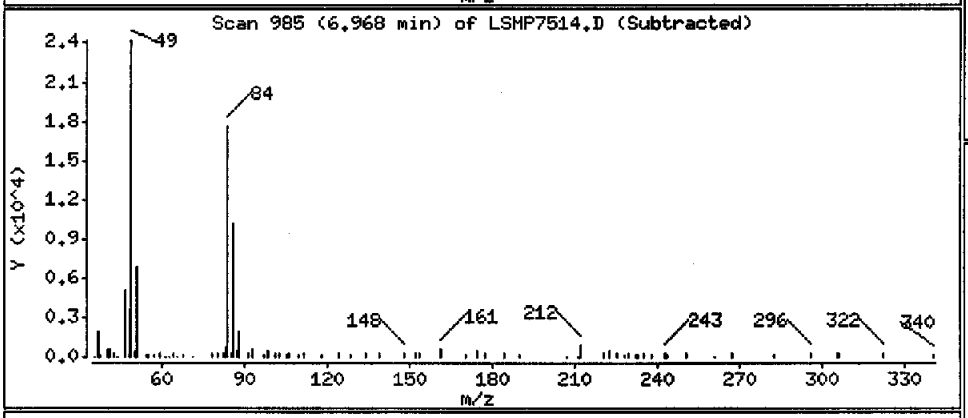
Purge Volume: 0.3 Operator: XIA

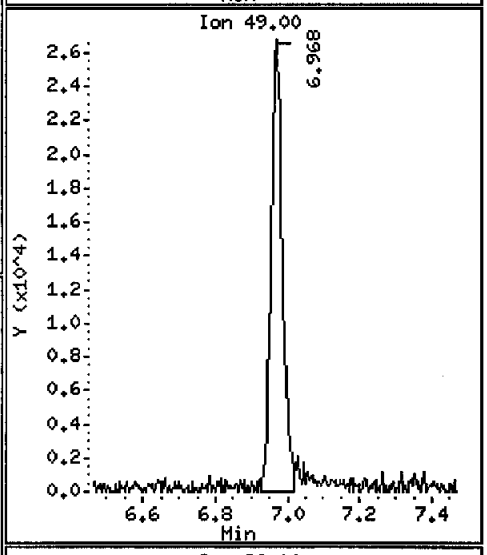
Column phase: RTX-502.2 Column diameter: 0.25

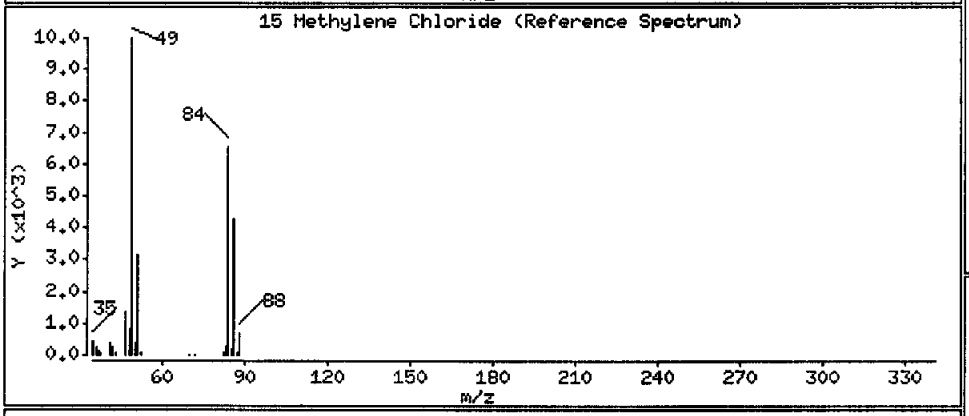
15 Methylene Chloride Concentration: 176.6 ug/L

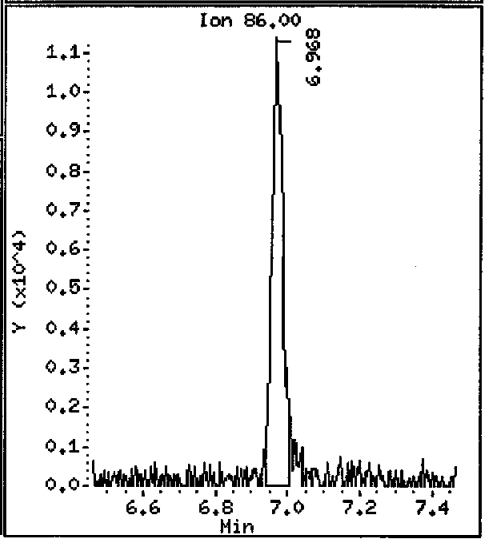


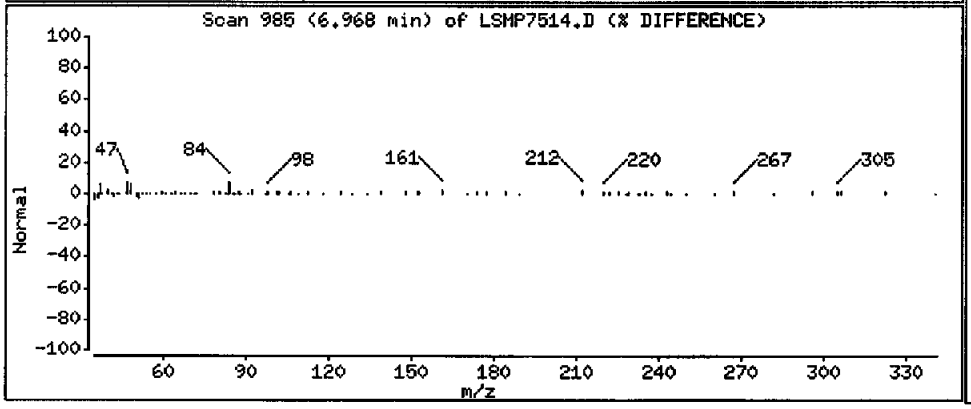












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D

Date : 27-DEC-2007 18:34

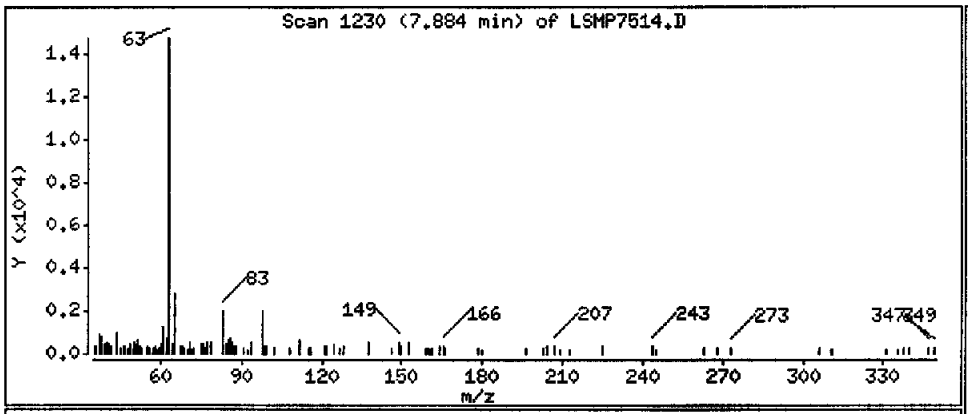
Client ID: DUPE-1 Instrument: MSL.i

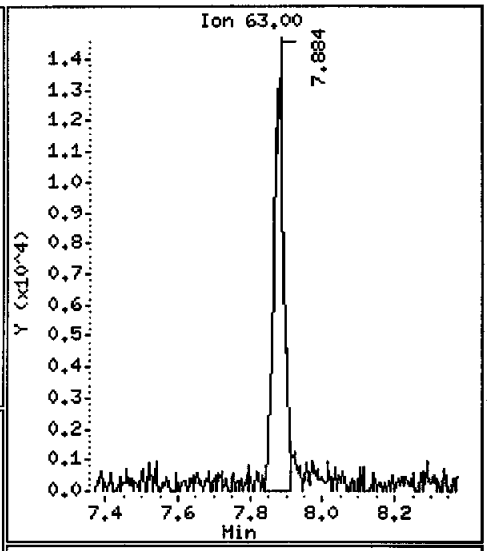
Sample Info: KEKN82AA

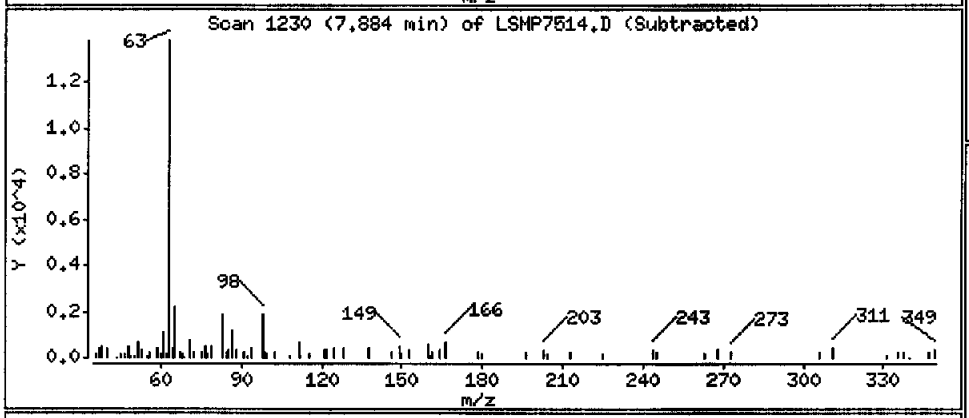
Purge Volume: 0.3 Operator: XIA

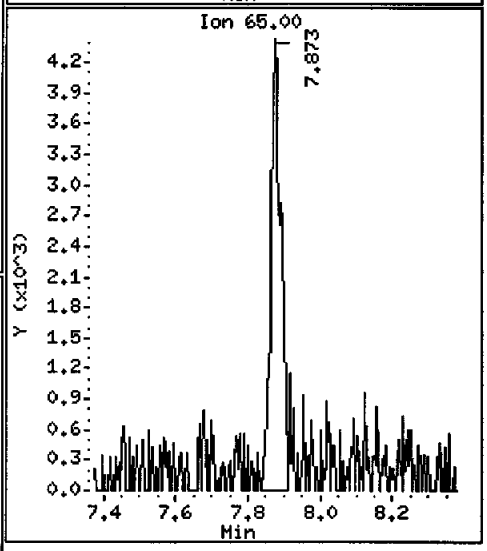
Column phase: RTX-502.2 Column diameter: 0.25

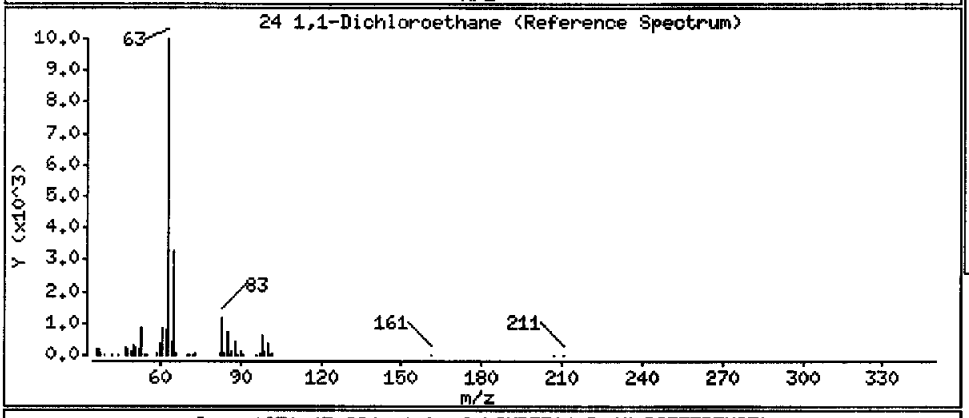
24 1,1-Dichloroethane Concentration: 56.99 ug/L

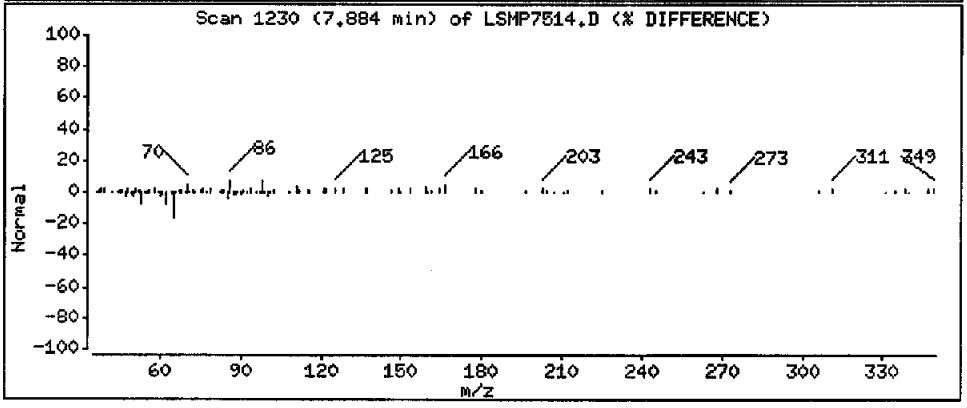












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D

Date : 27-DEC-2007 18:34

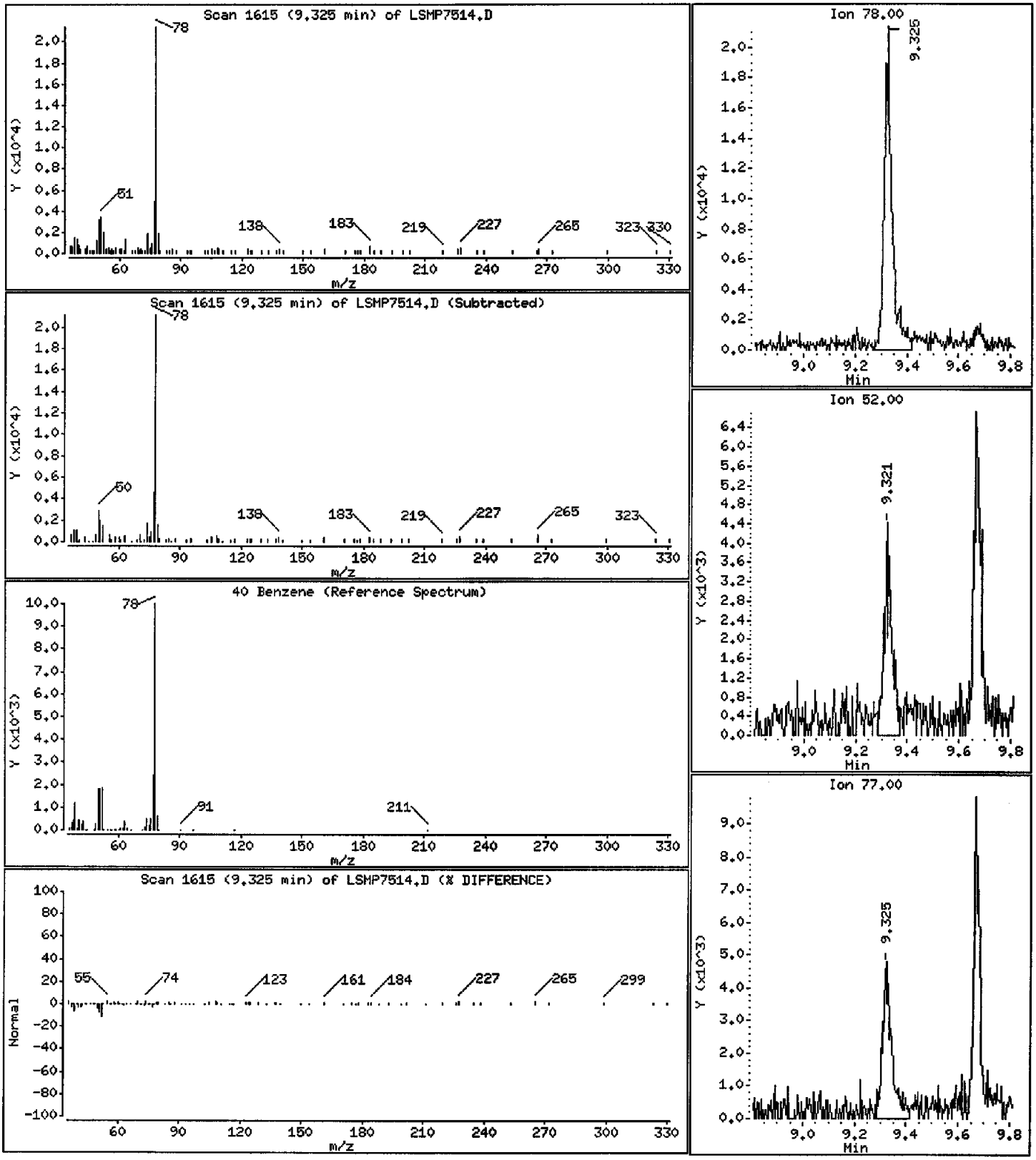
Client ID: DUPE-1 Instrument: MSL.i

Sample Info: KEKN82AA

Purge Volume: 0.3 Operator: XIA

Column phase: RTX-502.2 Column diameter: 0.25

40 Benzene Concentration: 41.88 ug/L



Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D

Date : 27-DEC-2007 18:34

Client ID: DUPE-1

Instrument: MSL.i

Sample Info: KEKN82AA

Purge Volume: 0.3

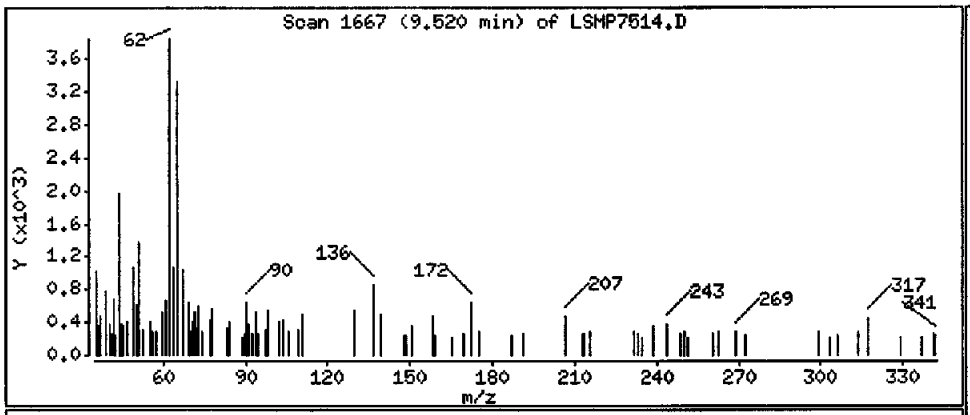
Operator: XIA

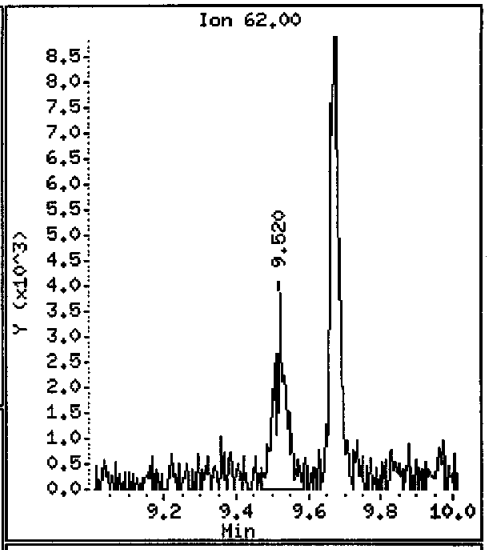
Column phase: RTX-502.2

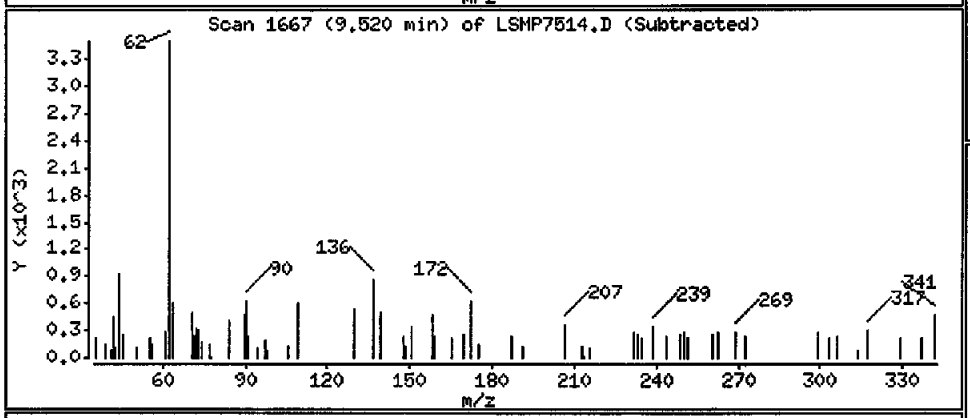
Column diameter: 0.25

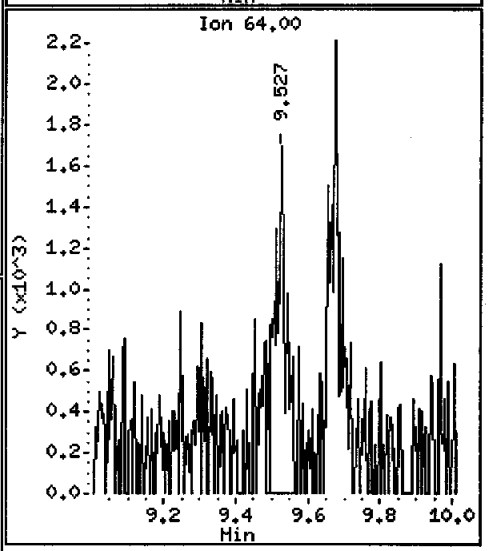
44 1,2-Dichloroethane

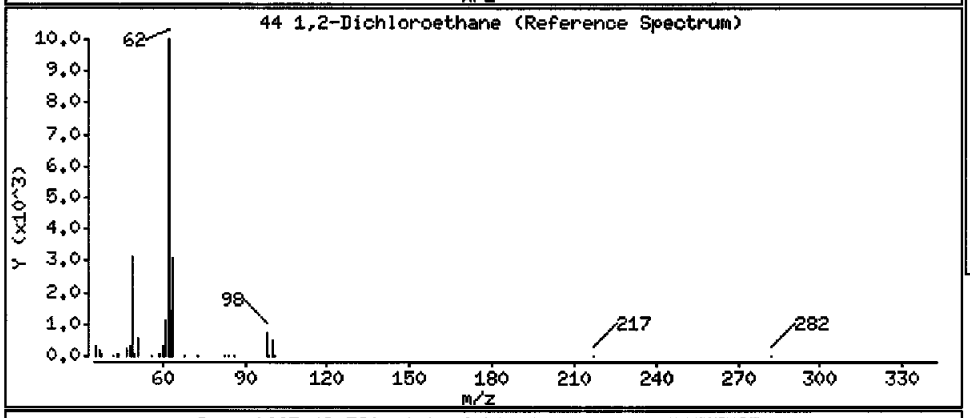
Concentration: 57.34 ug/L

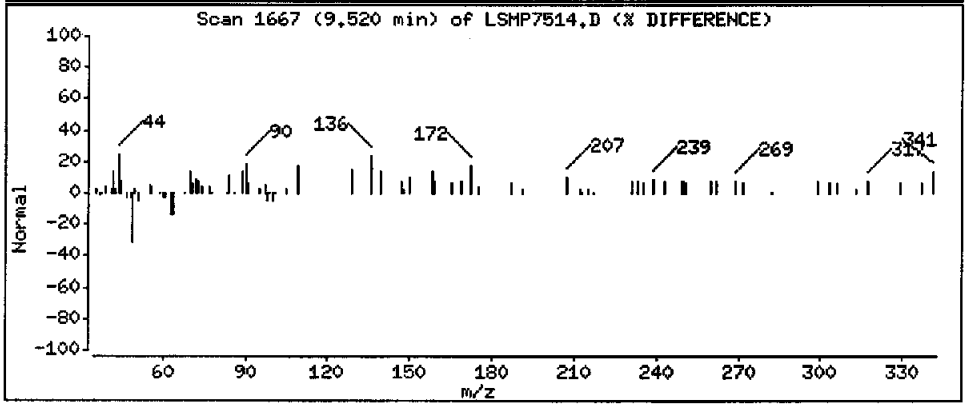












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D

Date : 27-DEC-2007 18:34

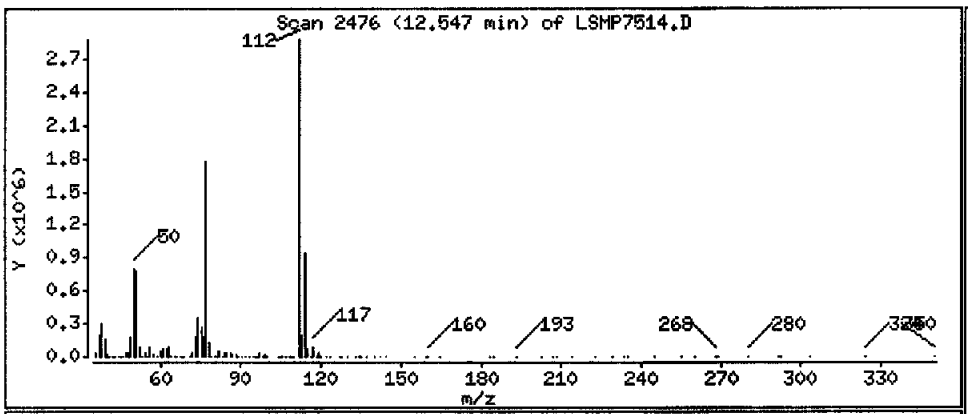
Client ID: DUPE-1 Instrument: MSL.i

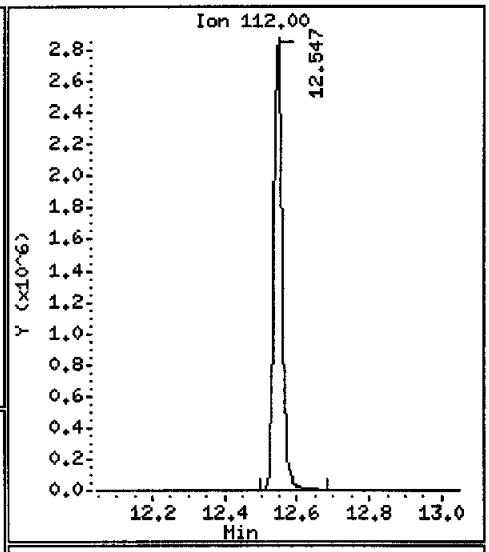
Sample Info: KEKN82AA

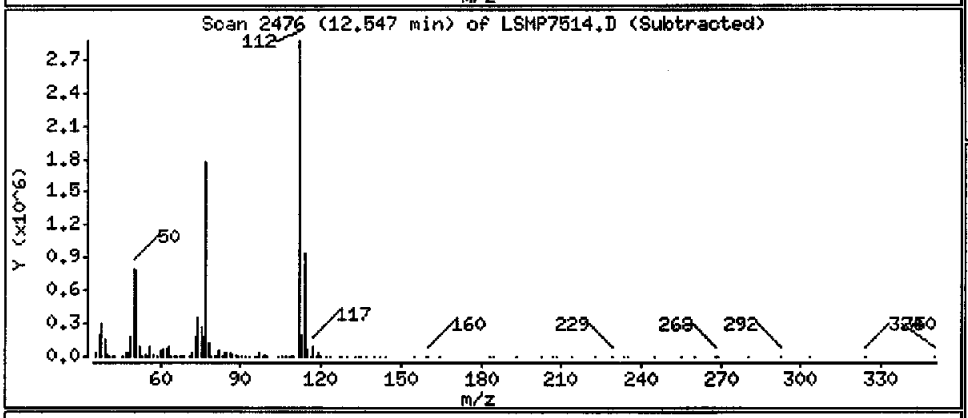
Purge Volume: 0.3 Operator: XIA

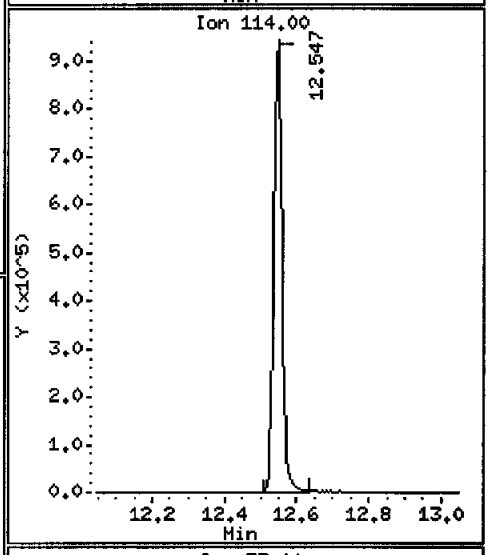
Column phase: RTX-502.2 Column diameter: 0.25

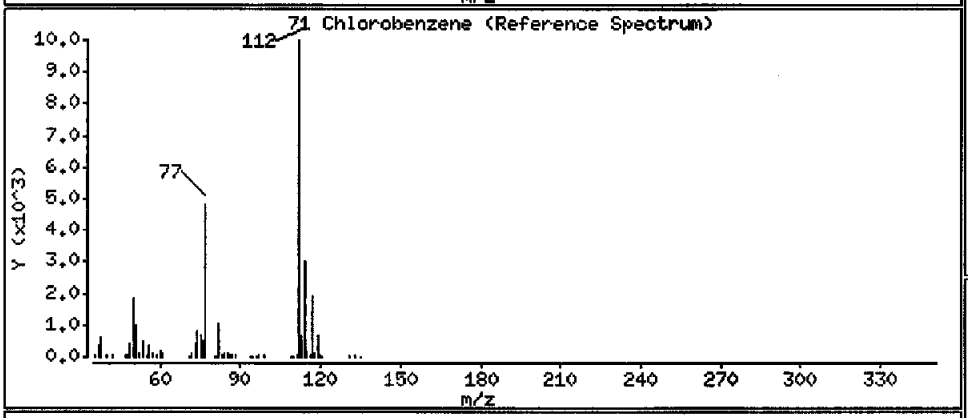
71 Chlorobenzene Concentration: 6553 ug/L

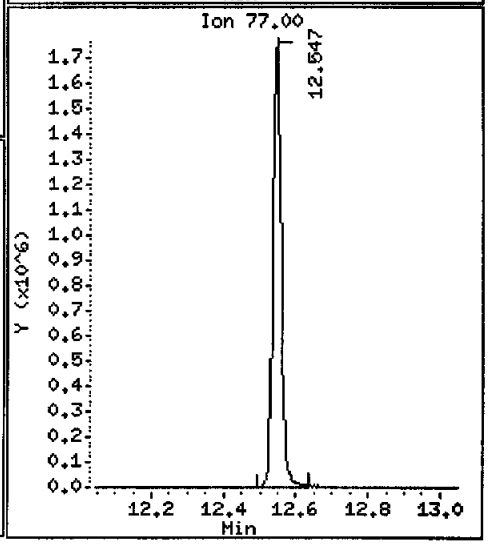


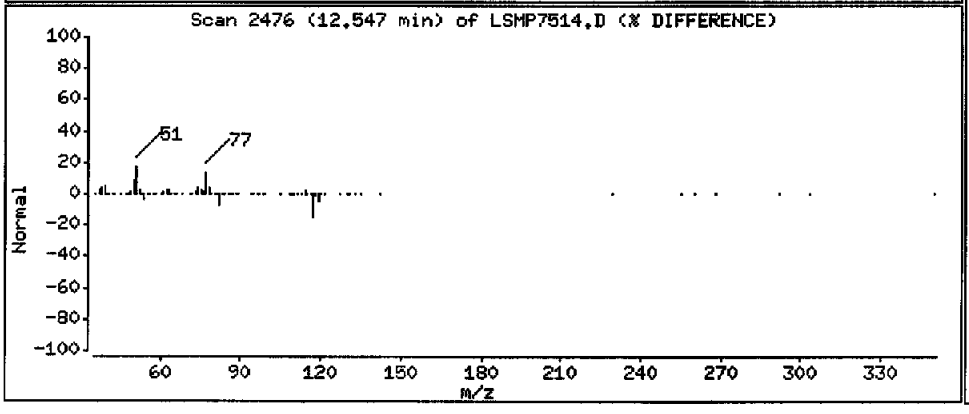












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D

Date : 27-DEC-2007 18:34

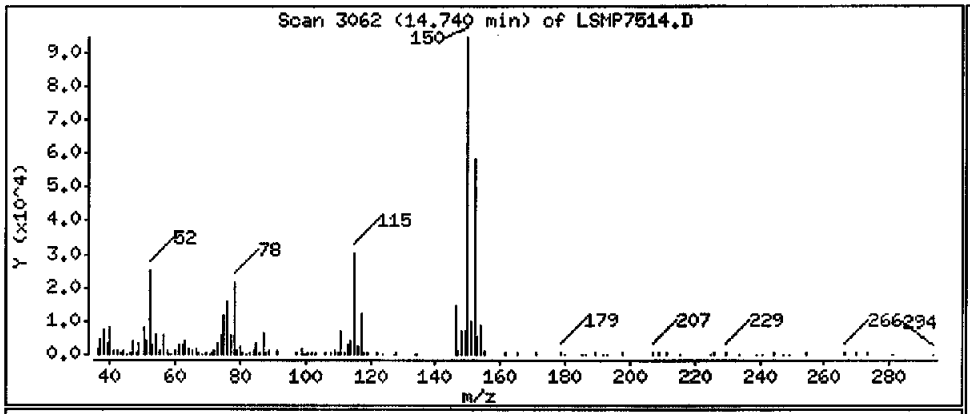
Client ID: DUPE-1 Instrument: MSL.i

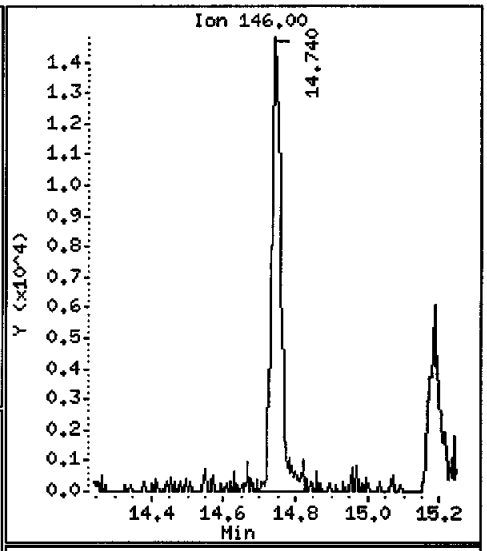
Sample Info: KEKN82AA

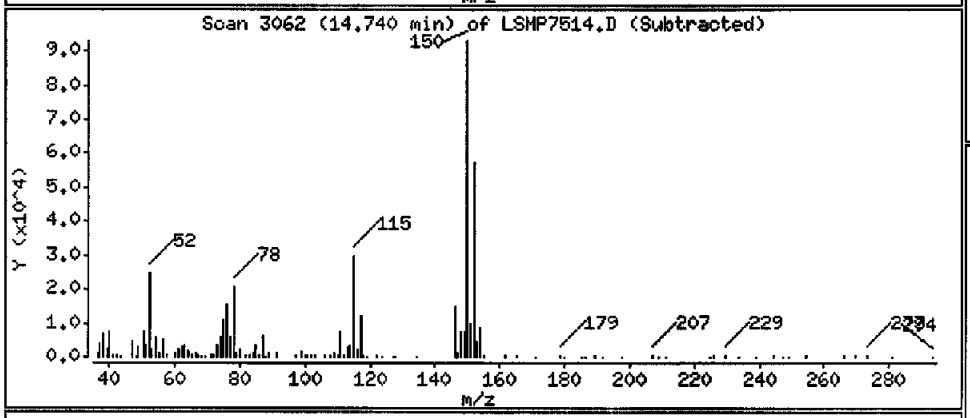
Purge Volume: 0.3 Operator: XIA

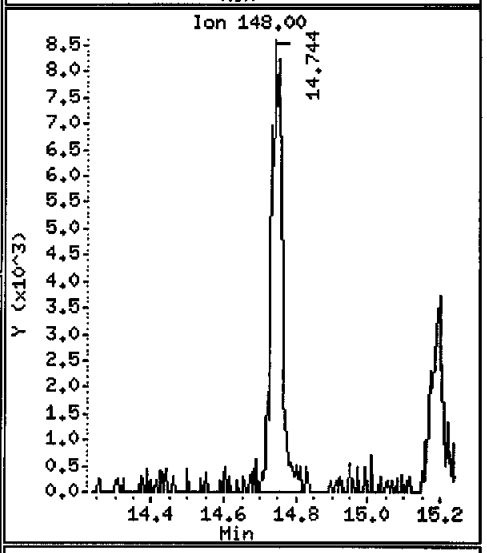
Column phase: RTX-502.2 Column diameter: 0.25

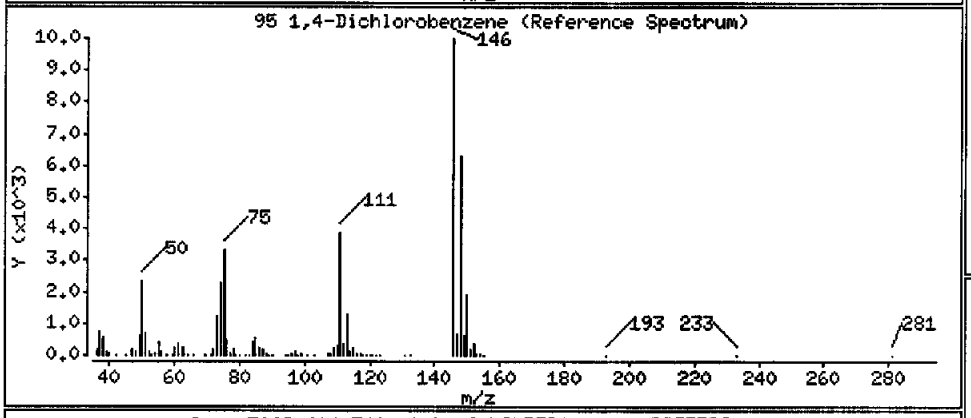
95 1,4-Dichlorobenzene Concentration: 69.39 ug/L

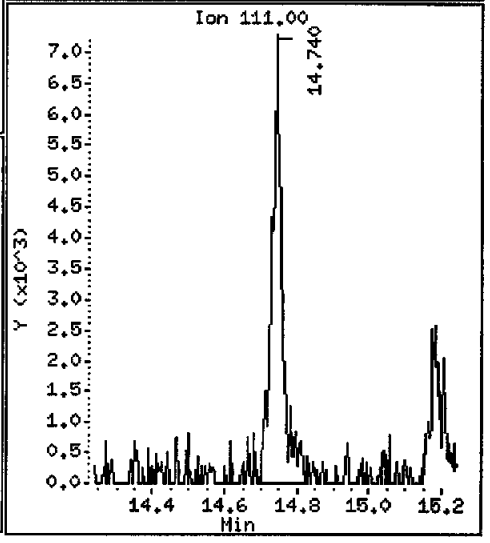


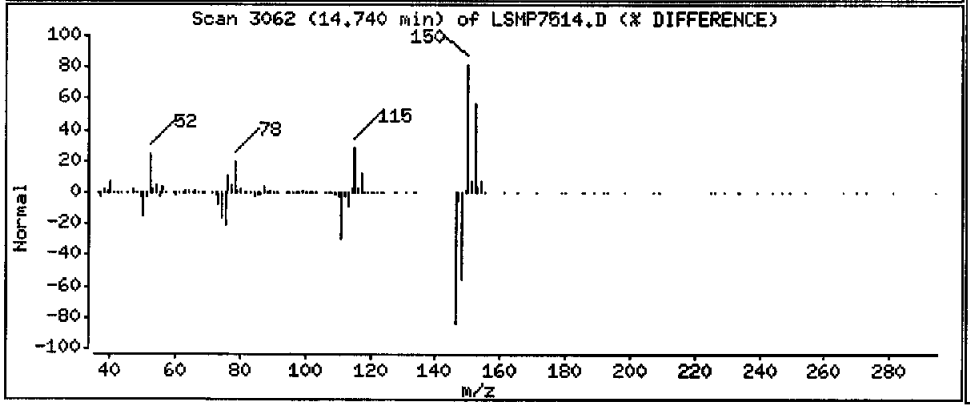












Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D

Date : 27-DEC-2007 18:34

Client ID: DUPE-1

Instrument: MSL.i

Sample Info: KEKN82AA

Purge Volume: 0.3

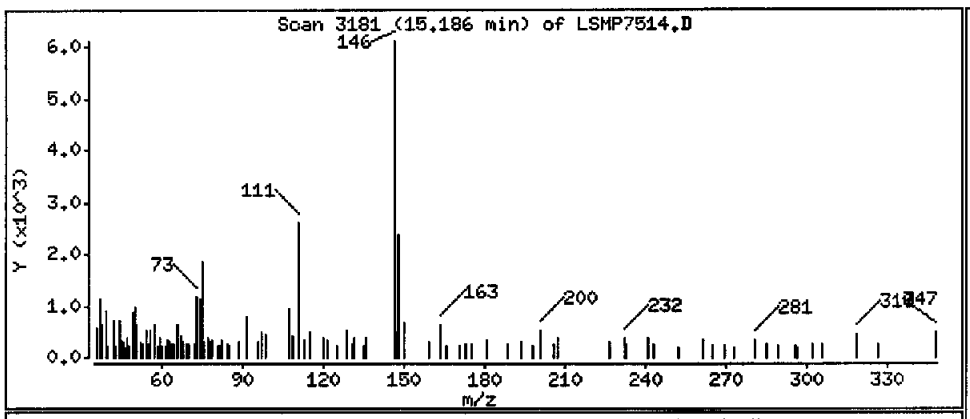
Operator: XIA

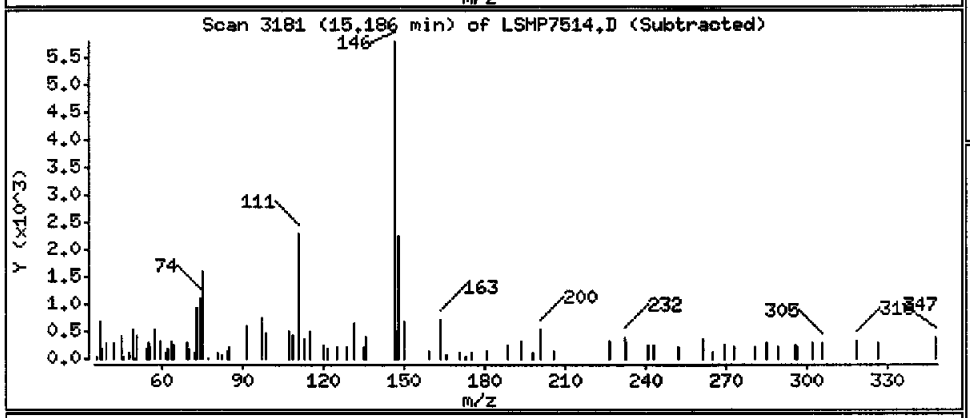
Column phase: RTX-502.2

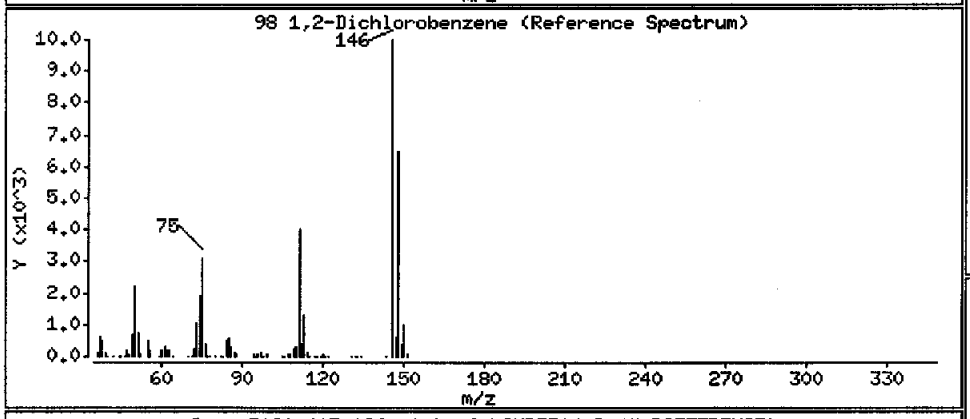
Column diameter: 0.25

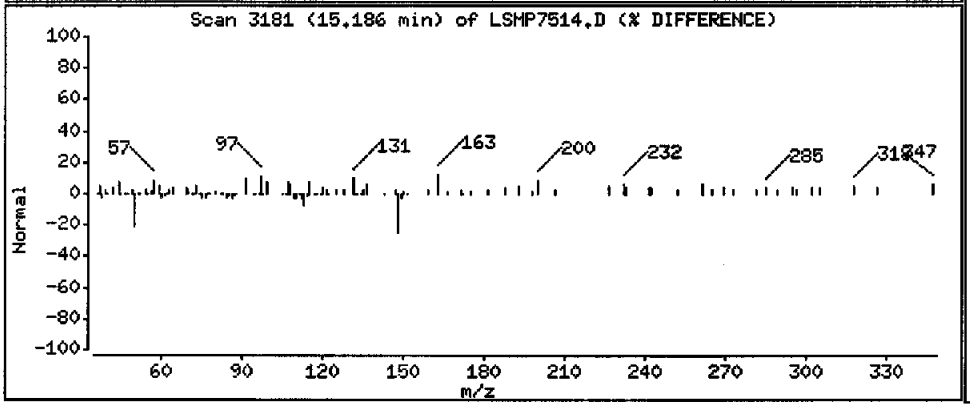
98 1,2-Dichlorobenzene

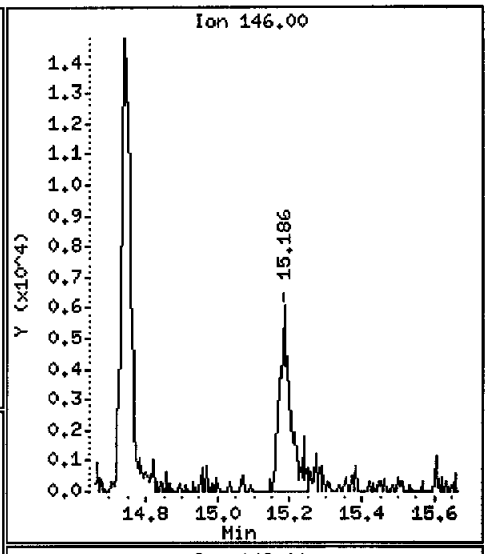
Concentration: 42.87 ug/L

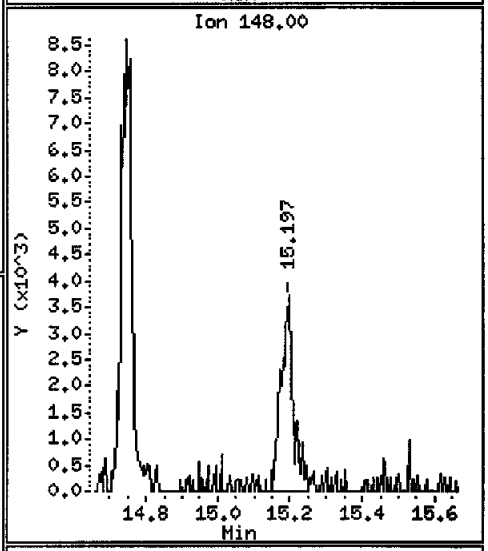


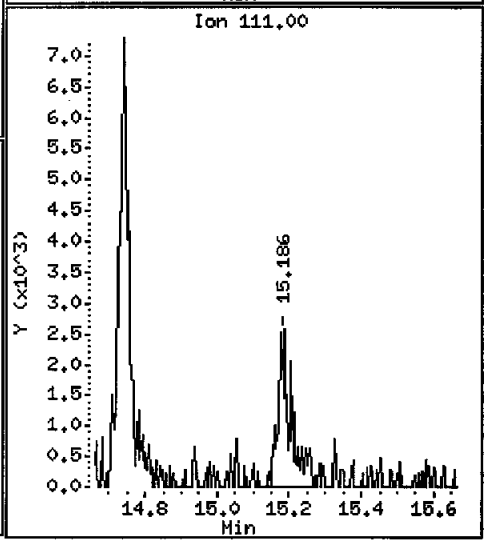






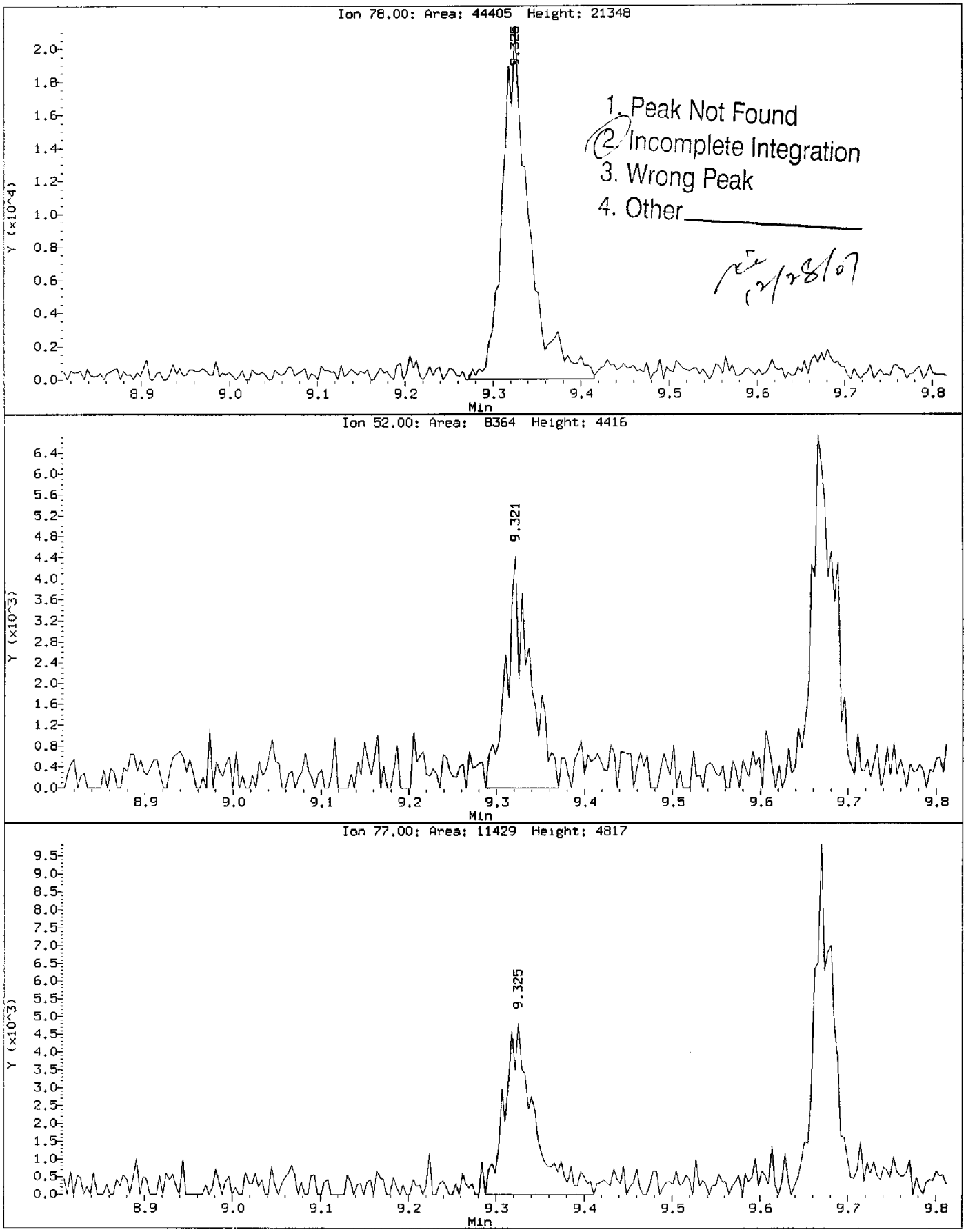






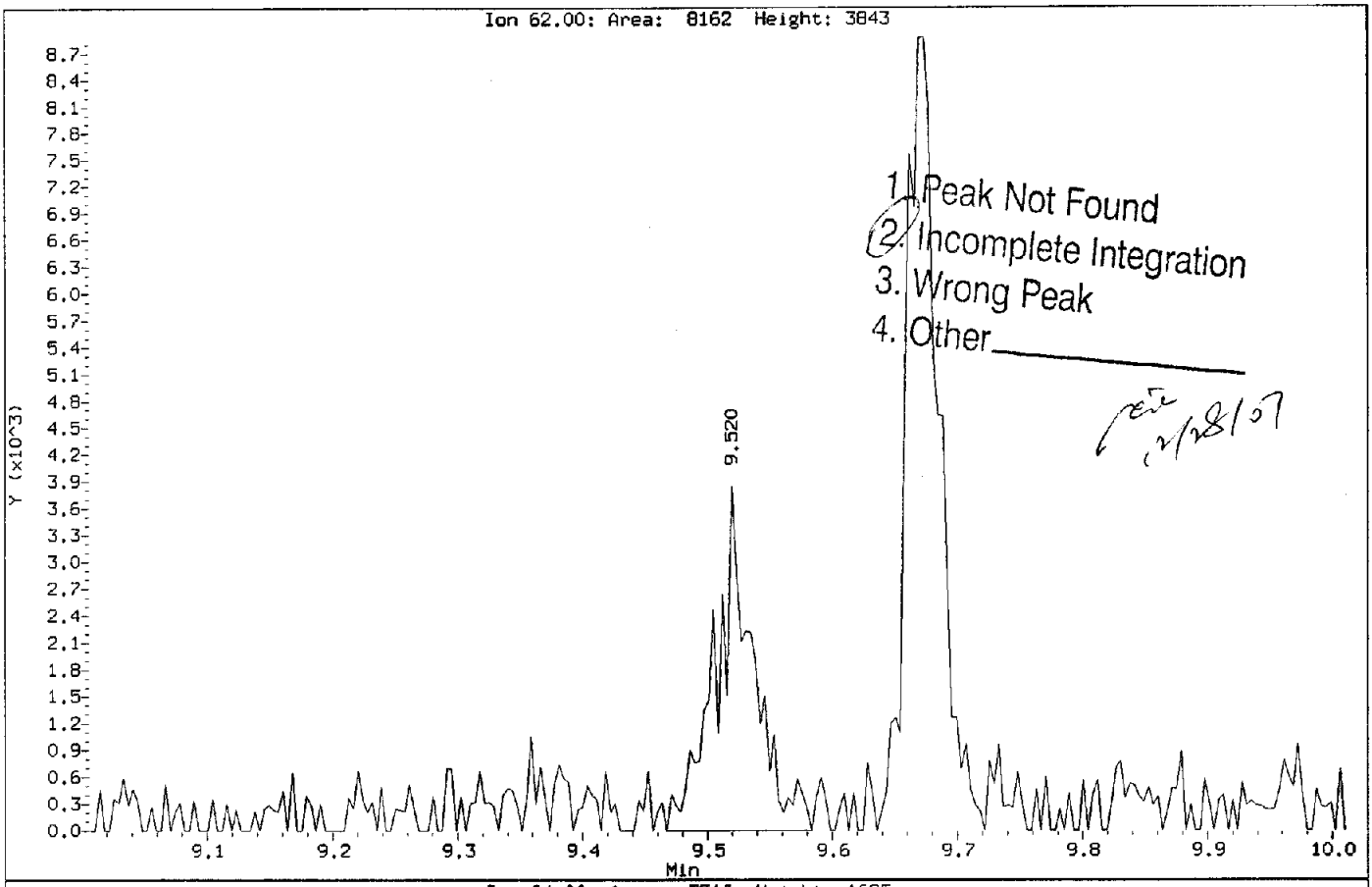
Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D
Injection Date: 27-DEC-2007 18:34
Instrument: MSL.i
Client Sample ID: DUPE-1

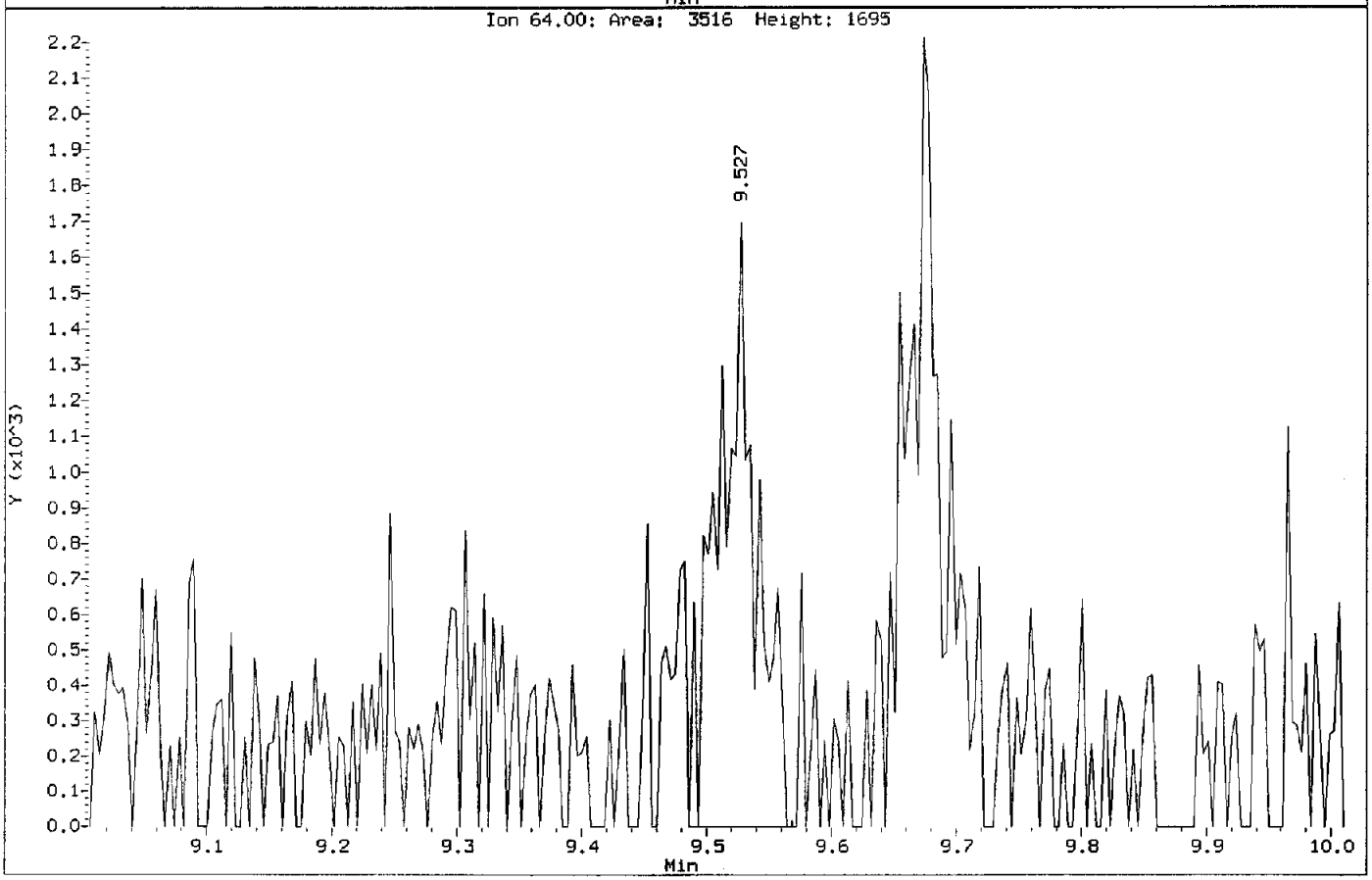
Compound: Benzene
CAS Number: 71-43-2



Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D
Injection Date: 27-DEC-2007 18:34
Instrument: MSL.i
Client Sample ID: DUPE-1

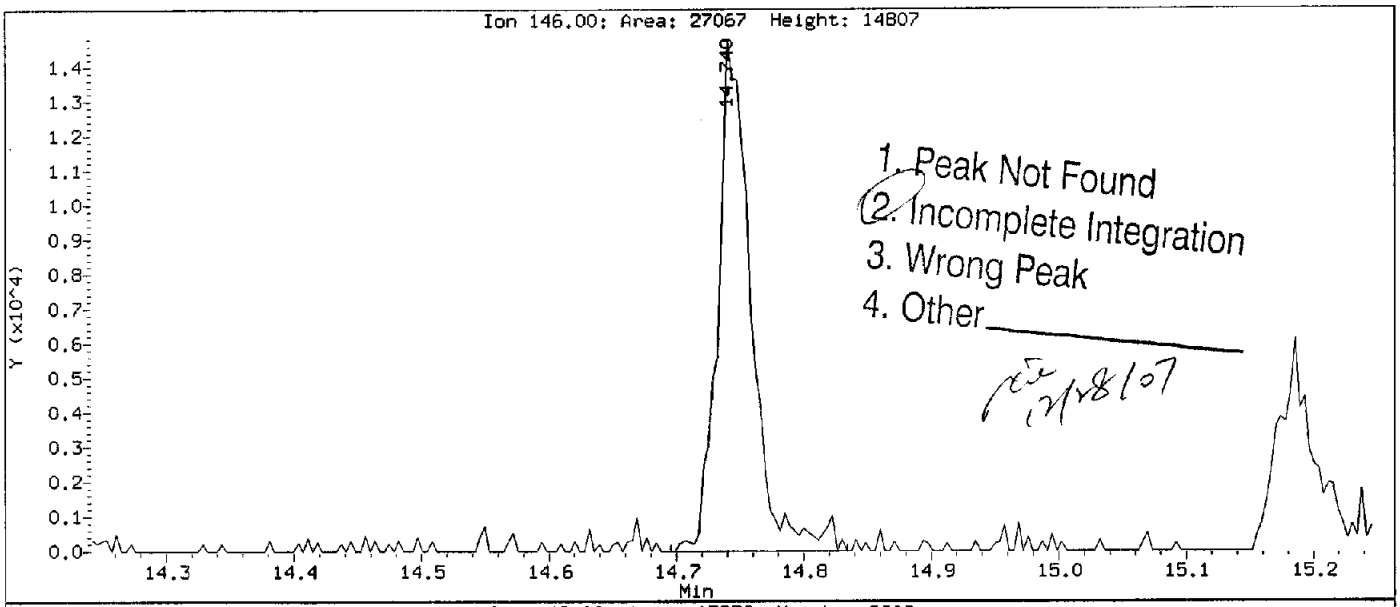
Compound: 1,2-Dichloroethane
CAS Number: 107-06-2

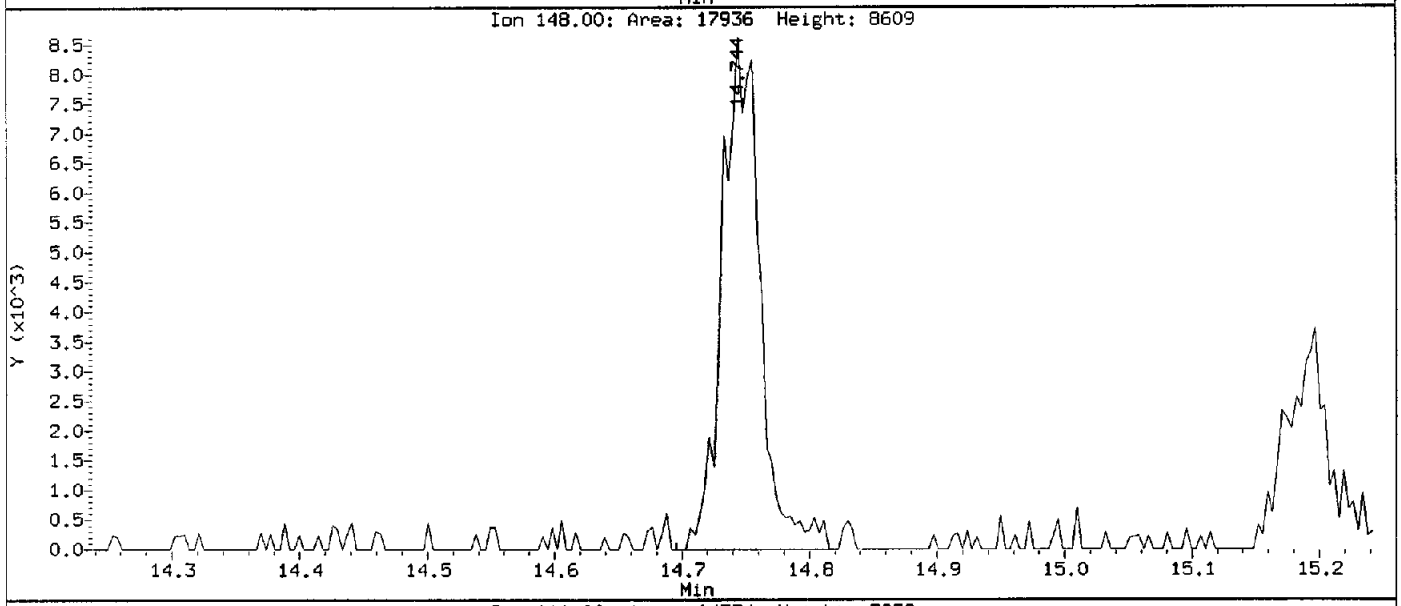


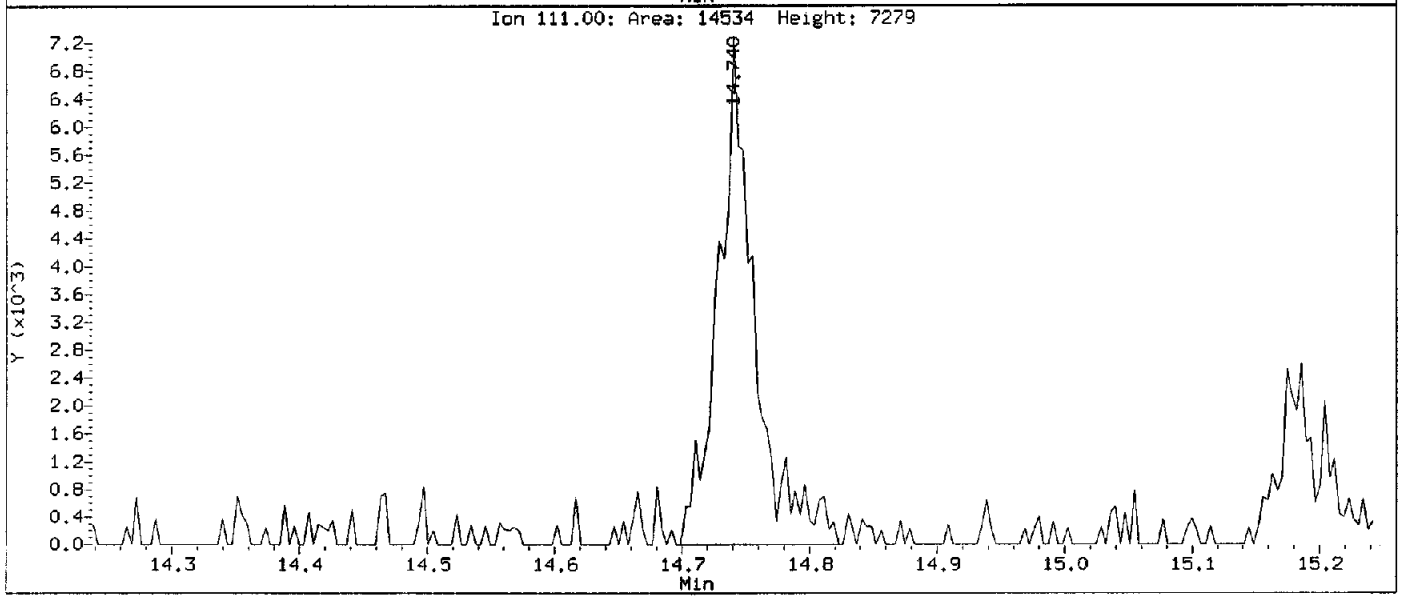


Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D
Injection Date: 27-DEC-2007 18:34
Instrument: MSL.i
Client Sample ID: DUPE-1

Compound: 1,4-Dichlorobenzene
CAS Number: 106-46-7

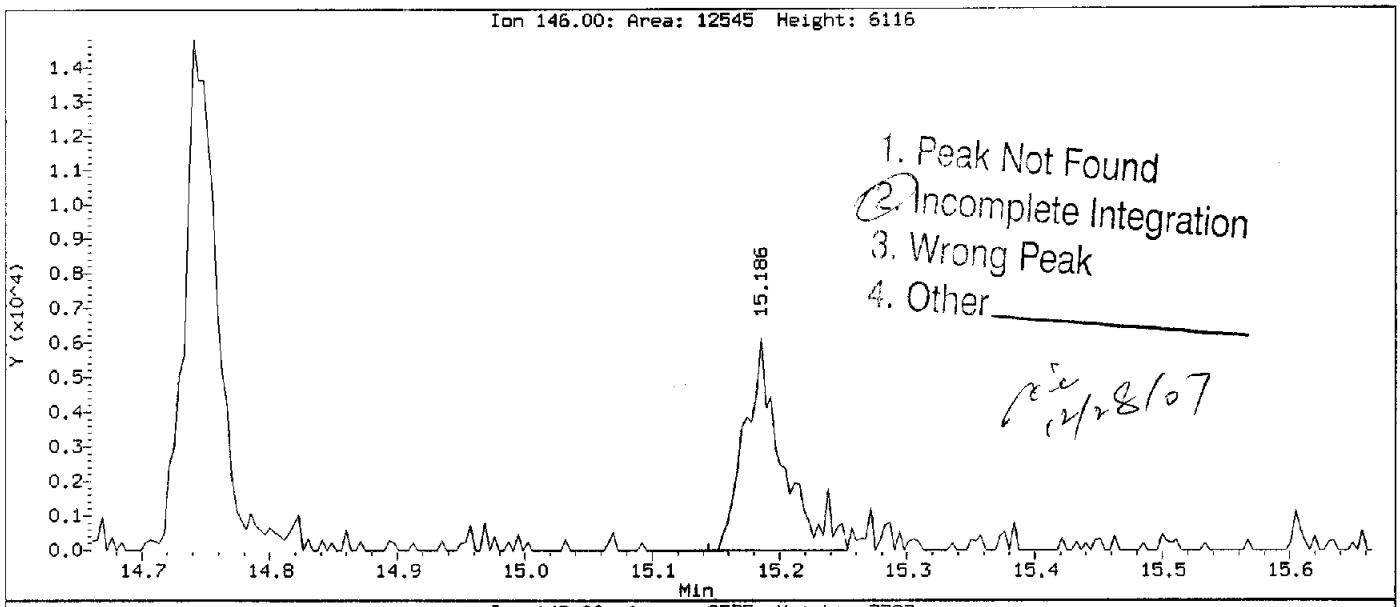


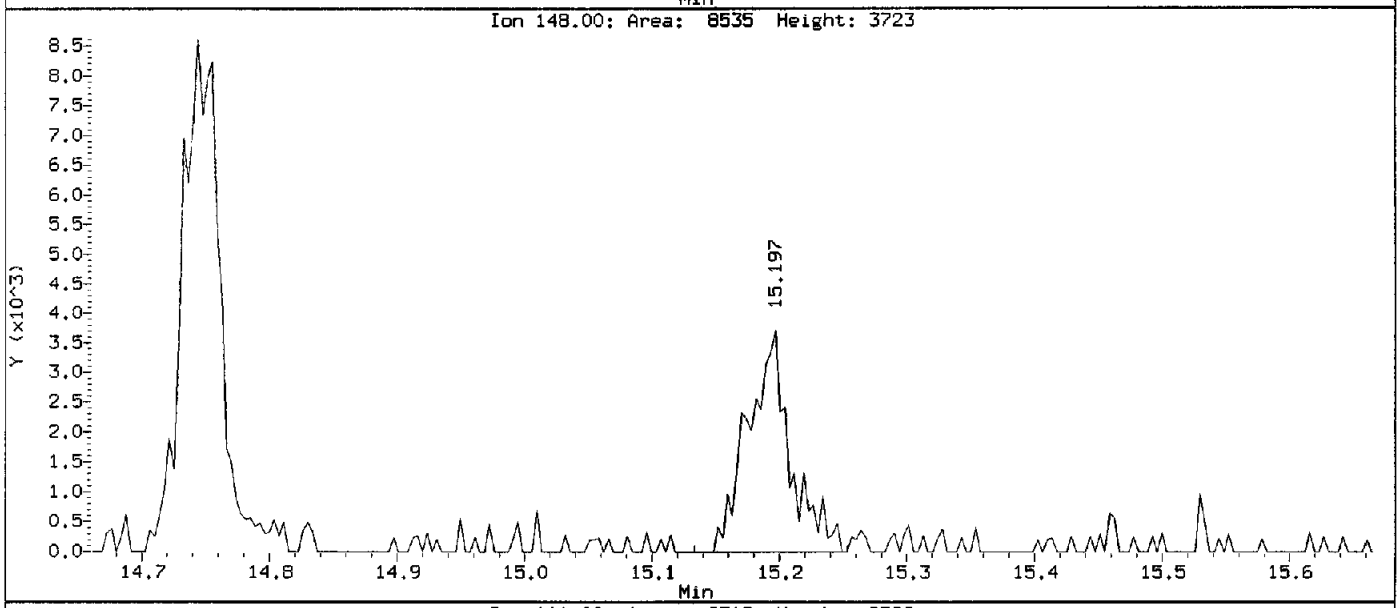


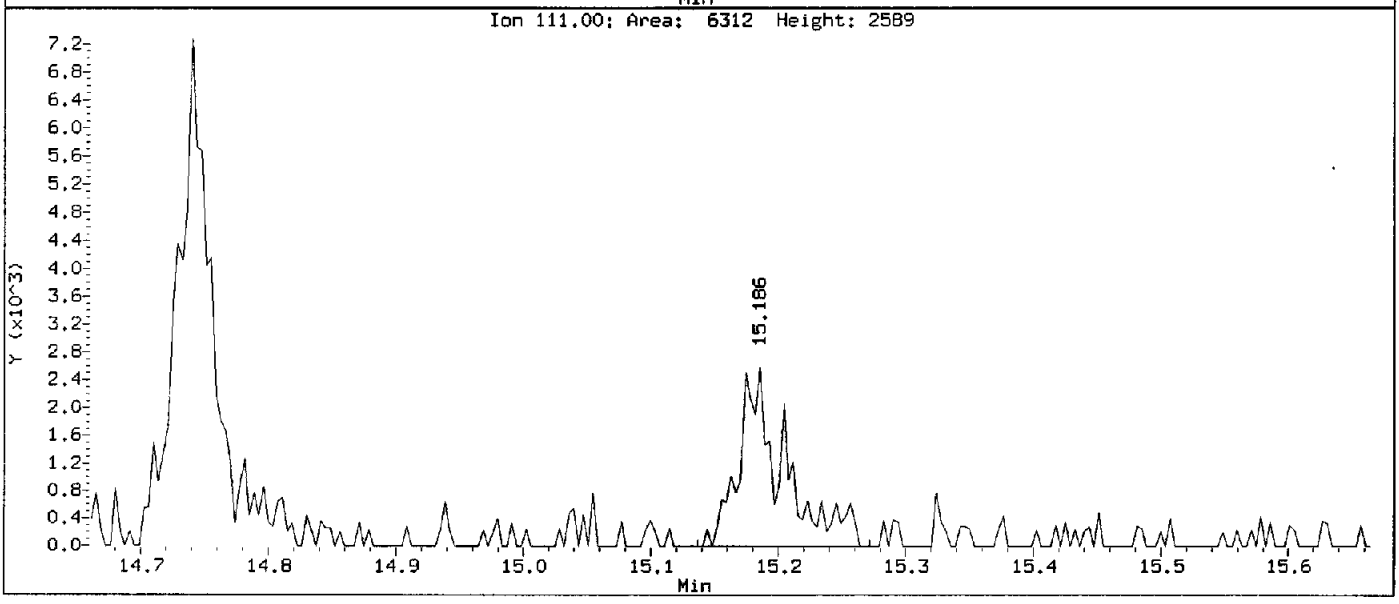


Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LSMP7514.D
Injection Date: 27-DEC-2007 18:34
Instrument: MSL.i
Client Sample ID: DUPE-1

Compound: 1,2-Dichlorobenzene
CAS Number: 95-50-1







Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7563.D
Report Date: 02-Jan-2008 09:55

TestAmerica St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7563.D
Lab Smp Id: KEKN83AA Client Smp ID: DUPE-1
Inj Date : 31-DEC-2007 16:28
Operator : XIA Inst ID: MSL.i
Smp Info : KEKN83AA
Misc Info : VBLKL365A;F7L200290-002;8002105;1000X
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m
Meth Date : 02-Jan-2008 09:35 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	0.02500	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	15 Methylene Chloride	84	6.974	6.963	(0.721)	15212	1.00502	1005
$	36 Dibromofluoromethane	113	8.909	8.906	(0.921)	116763	11.5800	11580
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.976)	93981	11.8523	11850
*	45 Fluorobenzene	96	9.673	9.669	(1.000)	680126	10.0000	
$	57 Toluene-d8	98	11.083	11.084	(0.885)	672937	9.77405	9774
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	460479	10.0000	
	71 Chlorobenzene	112	12.550	12.547	(1.002)	286177	5.79456	5794
$	78 4-Bromofluorobenzene	95	13.651	13.643	(0.927)	159106	10.6404	10640
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.721	(1.000)	152169	10.0000	

01/02/08

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7563.D
Report Date: 02-Jan-2008 09:55

TestAmerica St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

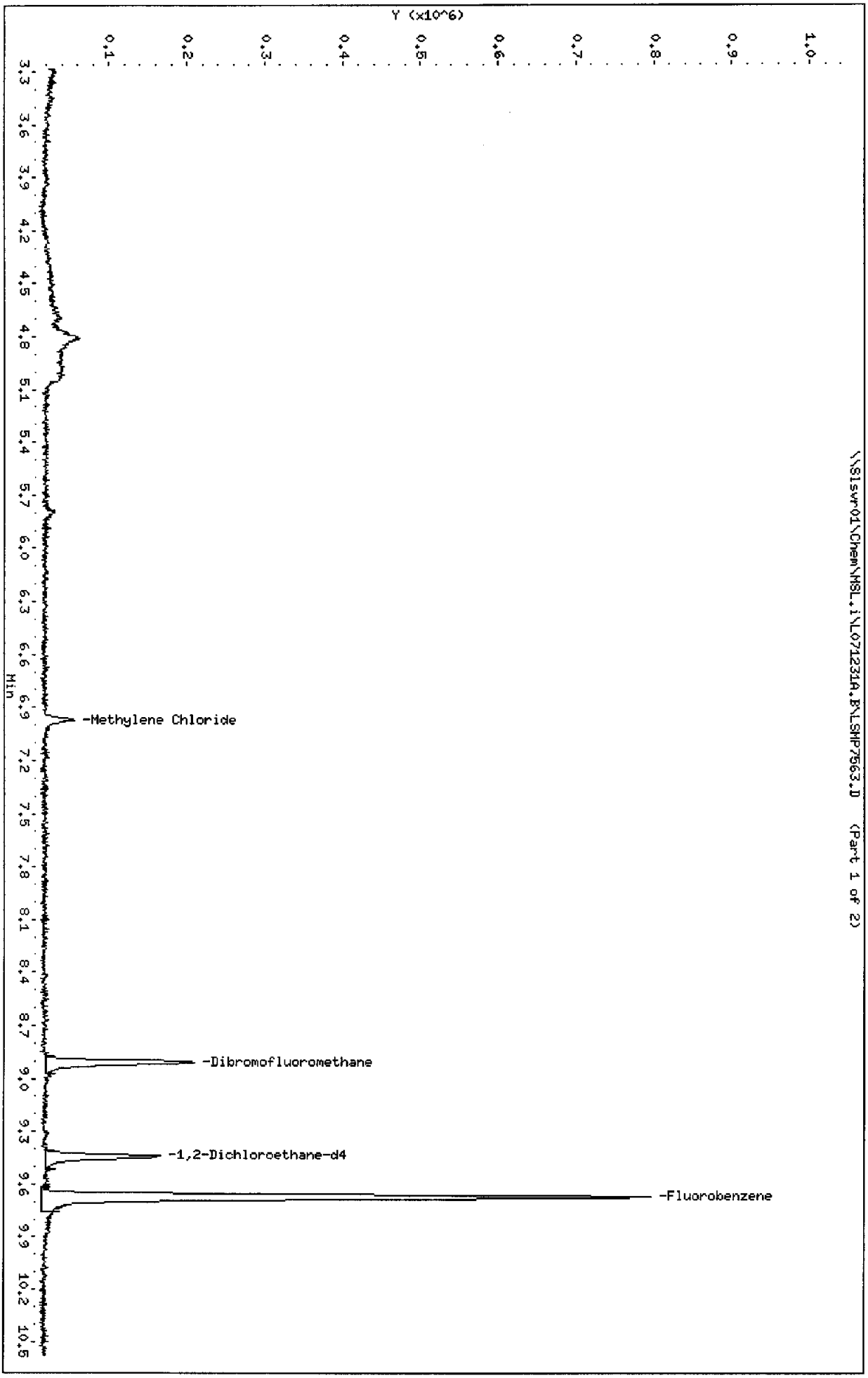
Instrument ID: MSL.i
Lab File ID: LSMP7563.D
Lab Smp Id: KEKN83AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m
Misc Info: VBLKL365A;F7L200290-002;8002105;1000X

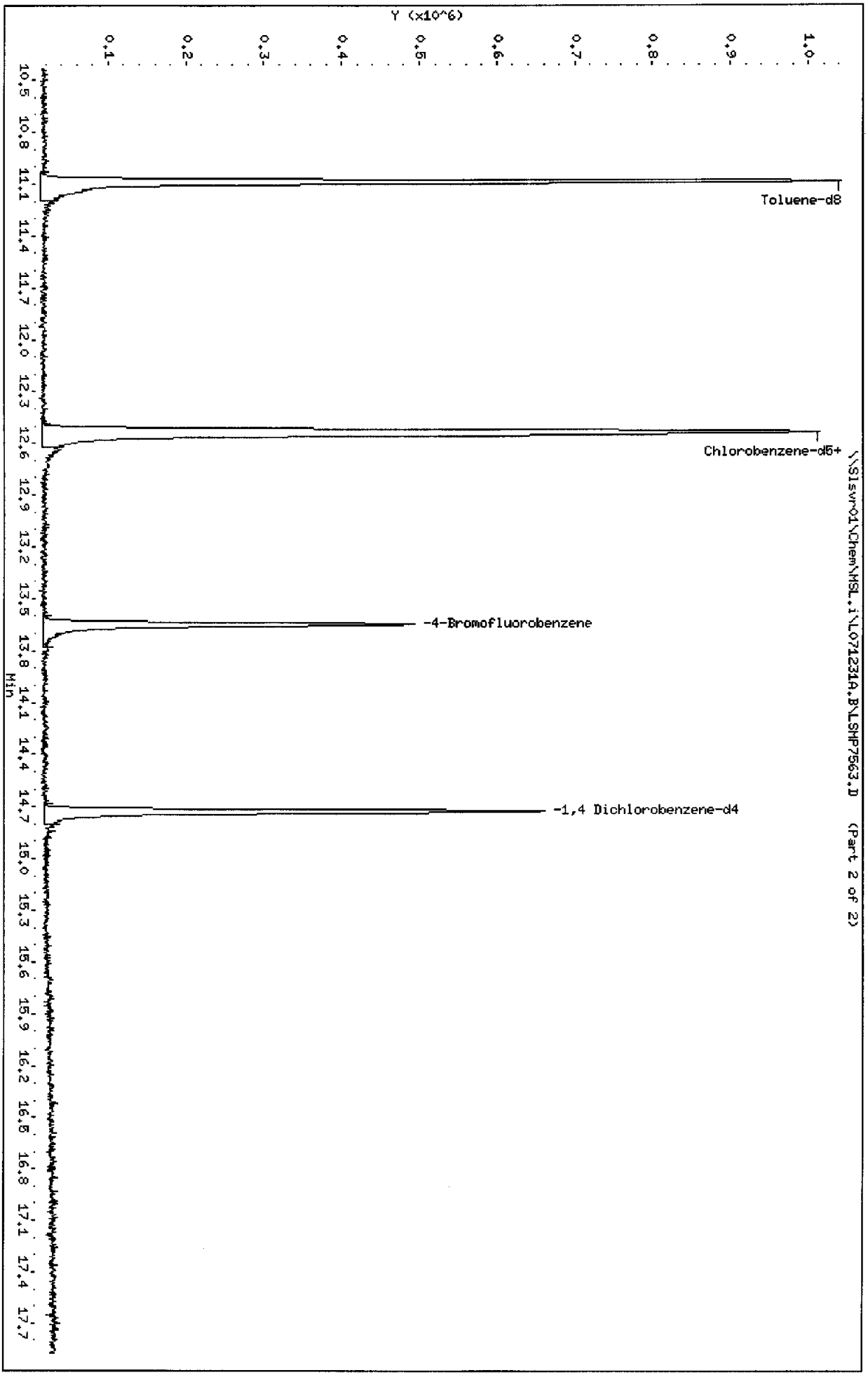
Calibration Date: 31-DEC-2007
Calibration Time: 12:11
Client Smp ID: DUPE-1
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1025863	512932	2051726	680126	-33.70
70 Chlorobenzene-d5	641041	320521	1282082	460479	-28.17
94 1,4 Dichlorobenze	244965	122483	489930	152169	-37.88

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.73	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7563.D
Date : 31-DEC-2007 16:28
Client ID: DUPE-1
Sample Info: KEKN83AA
Purge Volume: 0.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7563.D (Part 1 of 2)
Y (x10^6)
Min
-Methylene Chloride
-Dibromofluoromethane
-1,2-Dichloroethane-d4
-Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSHP7563.D
Date : 31-DEC-2007 16:28
Client ID: DUPE-1
Sample Info: KEKN83AA
Purge Volume: 0.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
Toluene-d8
Chlorobenzene-d5+
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4
\\Slsvr01\Chem\MSL.i\L071231A.B\LSHP7563.D (Part 2 of 2)
Min
10.5 10.8 11.1 11.4 11.7 12.0 12.3 12.6 12.9 13.2 13.5 13.8 14.1 14.4 14.7 15.0 15.3 15.6 15.9 16.2 16.5 16.8 17.1 17.4 17.7

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7563.D

Date : 31-DEC-2007 16:28

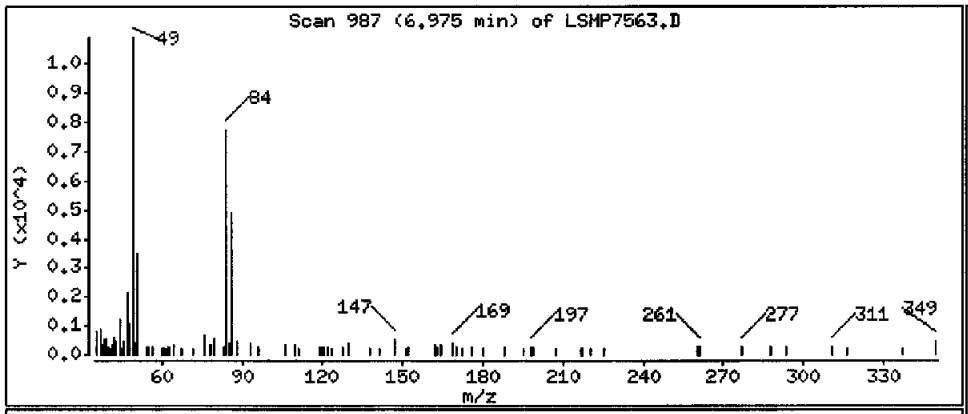
Client ID: DUPE-1 Instrument: MSL.i

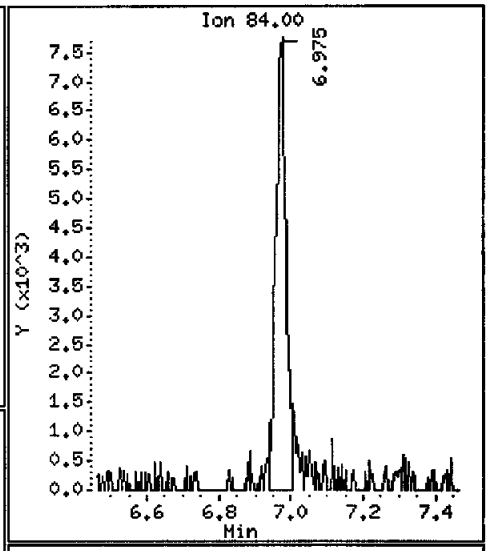
Sample Info: KEKN83AA

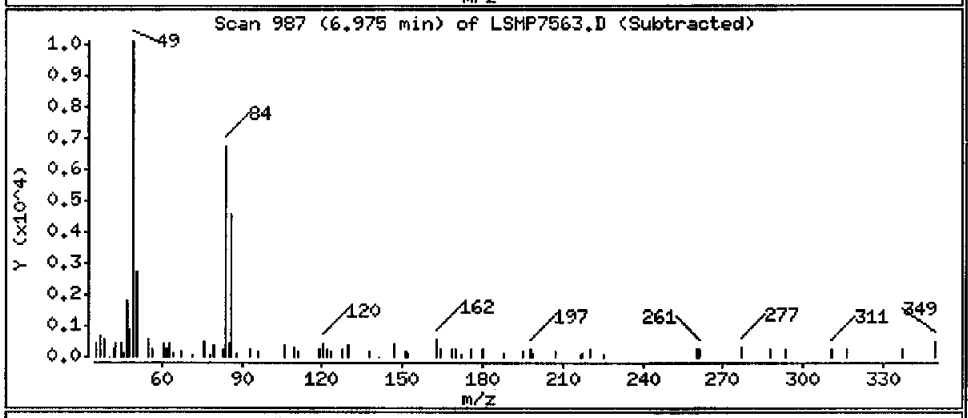
Purge Volume: 0.0 Operator: XIA

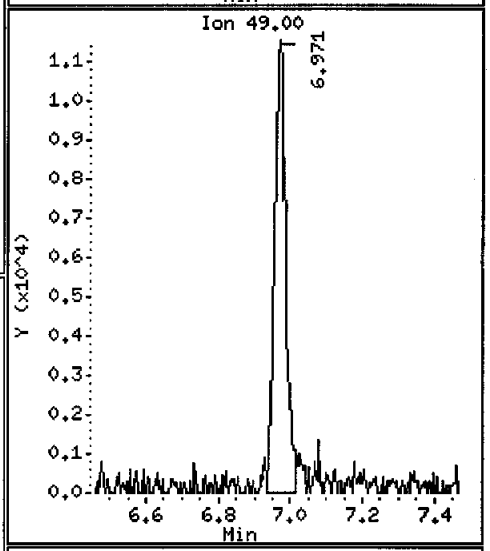
Column phase: RTX-502.2 Column diameter: 0.25

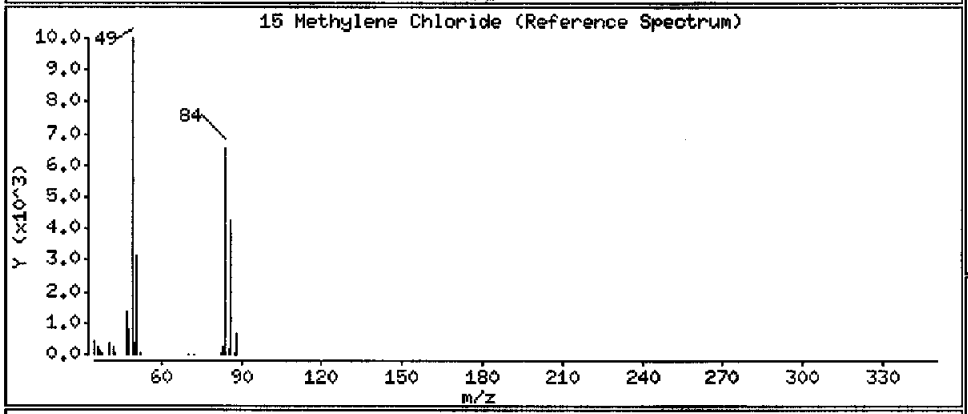
15 Methylene Chloride Concentration: 1005 ug/L

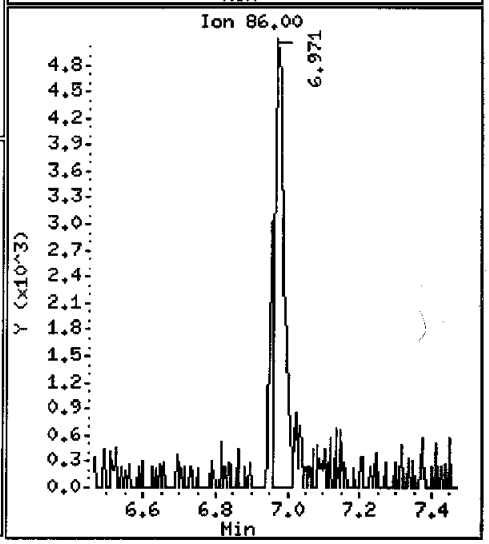


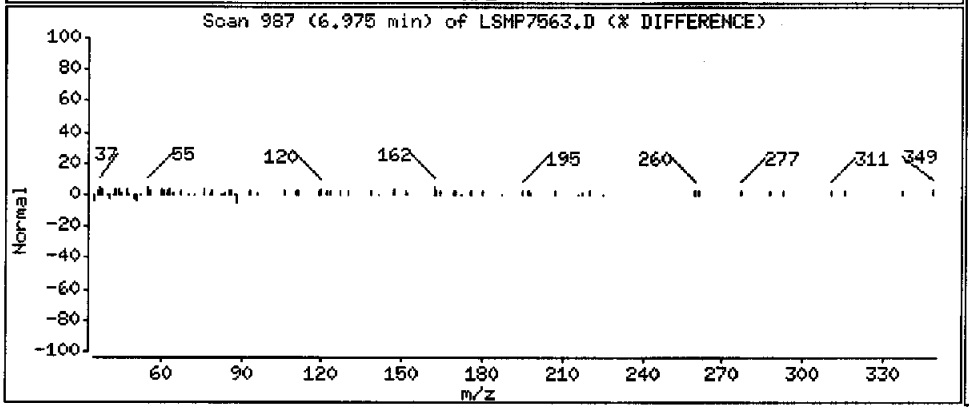












Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LSMP7563.D

Date : 31-DEC-2007 16:28

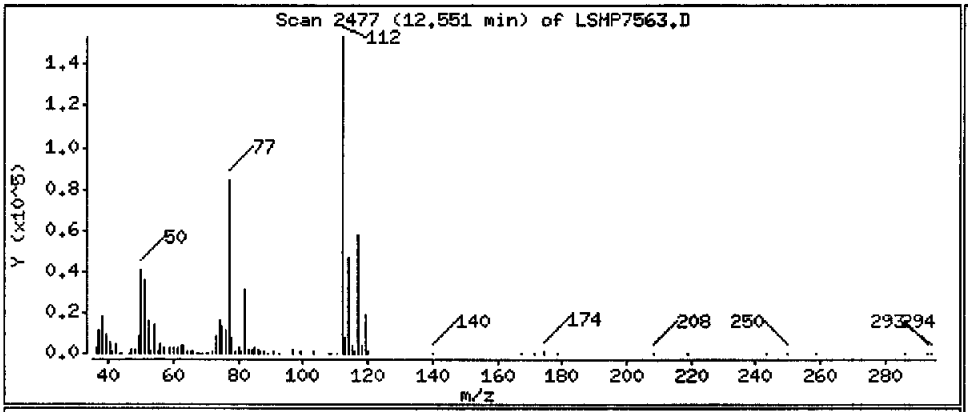
Client ID: DUPE-1 Instrument: MSL.i

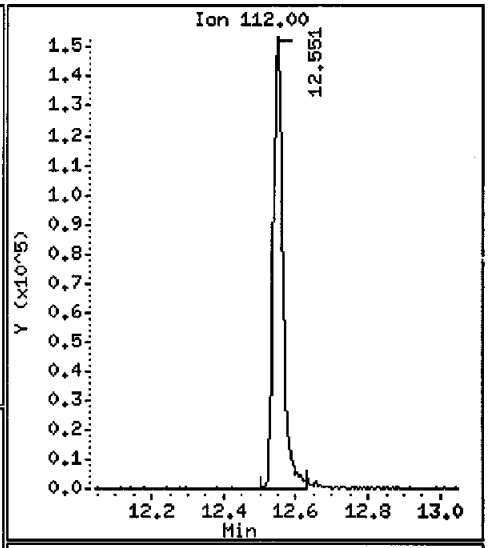
Sample Info: KEKN83AA

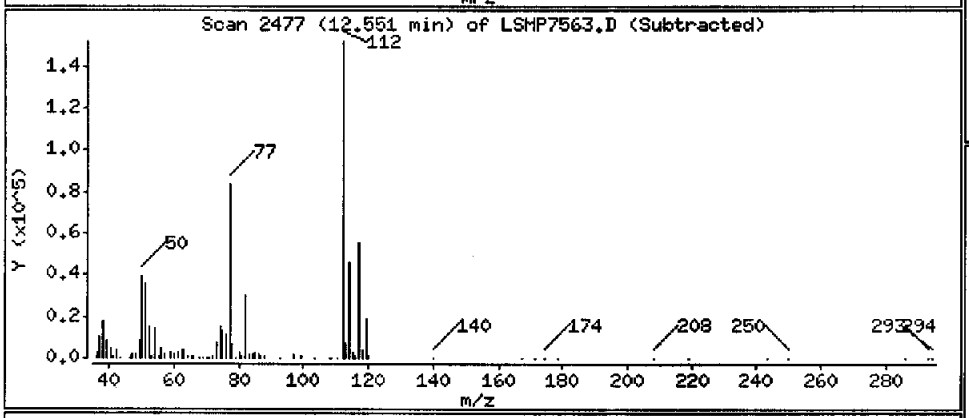
Purge Volume: 0.0 Operator: XIA

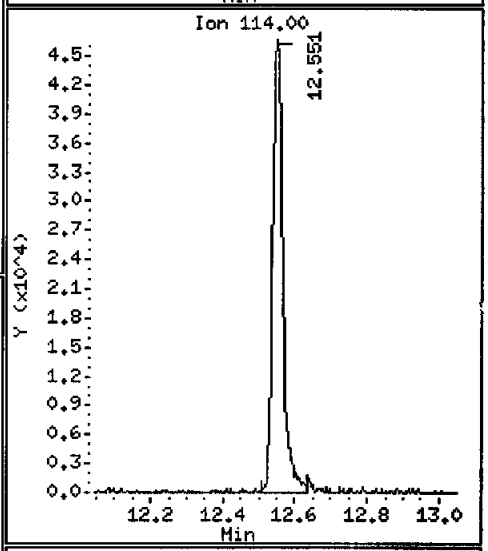
Column phase: RTX-502.2 Column diameter: 0.25

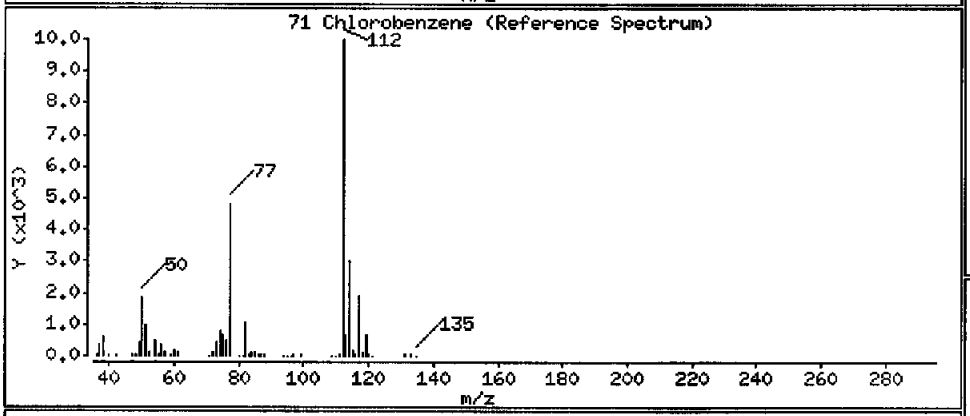
71 Chlorobenzene Concentration: 5794 ug/L

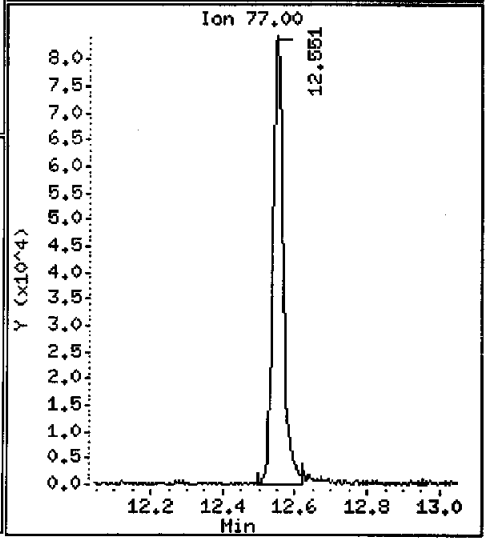


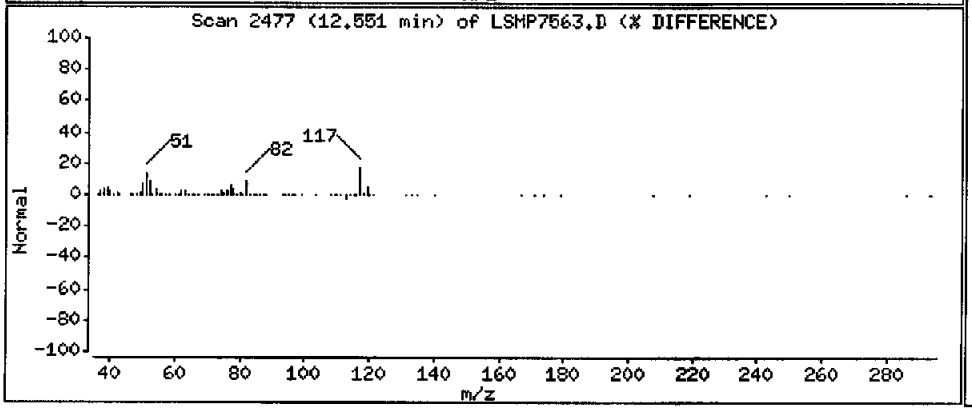












Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7464.D
Report Date: 26-Dec-2007 11:08

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7464.D
Lab Smp Id: KEKPE1AA Client Smp ID: QCTB
Inj Date : 24-DEC-2007 16:24
Operator : XIA Inst ID: MSL.i
Smp Info : KEKPE1AA
Misc Info : VBLKL358A;F7L200290-003;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	31 Chloroform	83	8.711	8.707	(0.901)	8562	0.24583	0.2458(M)
$	36 Dibromofluoromethane	113	8.909	8.905	(0.921)	145127	11.6335	11.63
$	43 1,2-Dichloroethane-d4	65	9.444	9.441	(0.976)	114300	11.6511	11.65
*	45 Fluorobenzene	96	9.672	9.669	(1.000)	841455	10.0000	
$	57 Toluene-d8	98	11.087	11.083	(0.885)	836955	10.1612	10.16
*	70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	550893	10.0000	
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	196258	10.1276	10.13
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	197205	10.0000	

12/26/07

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7464.D
Report Date: 26-Dec-2007 11:08

STL St. Louis

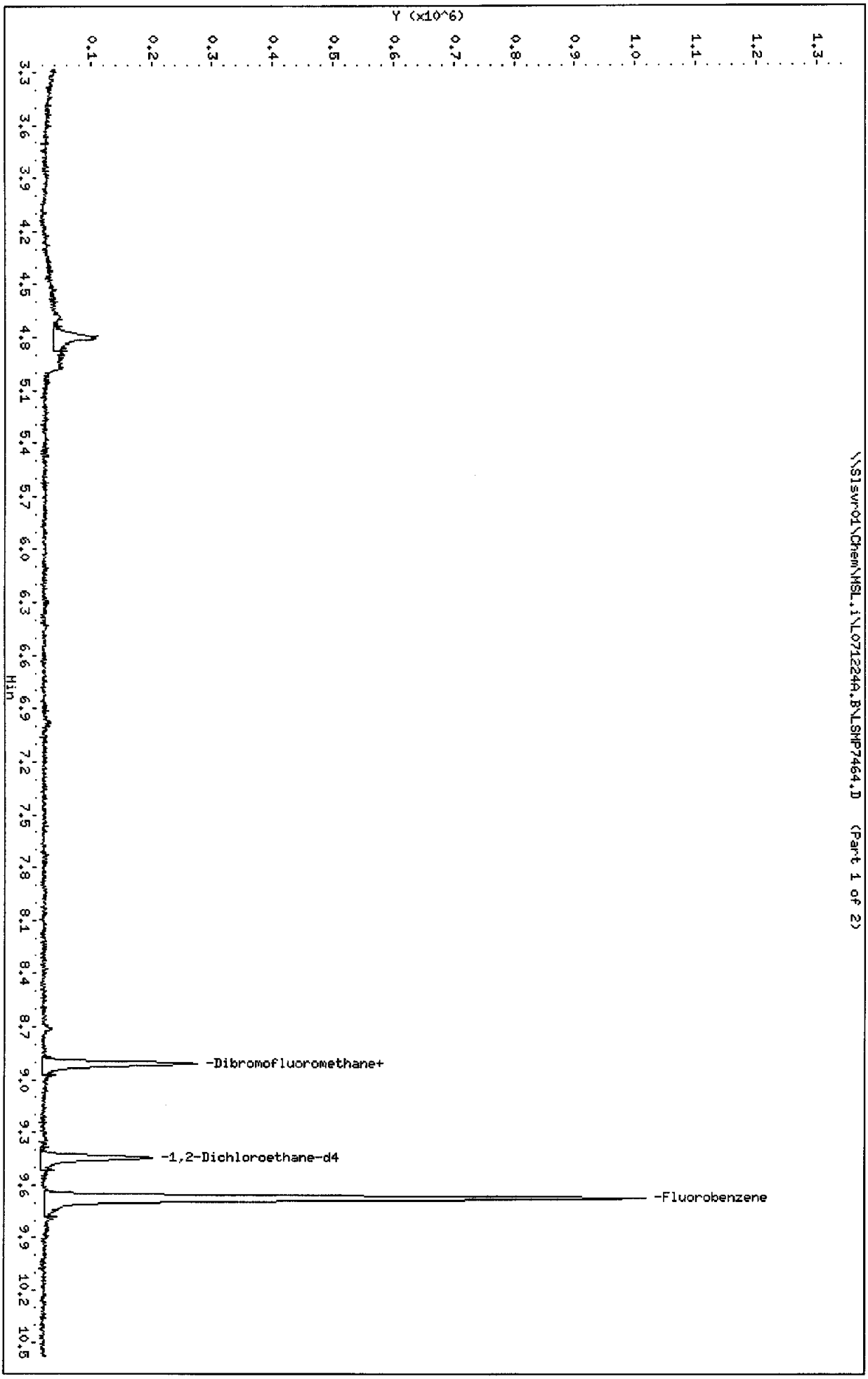
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

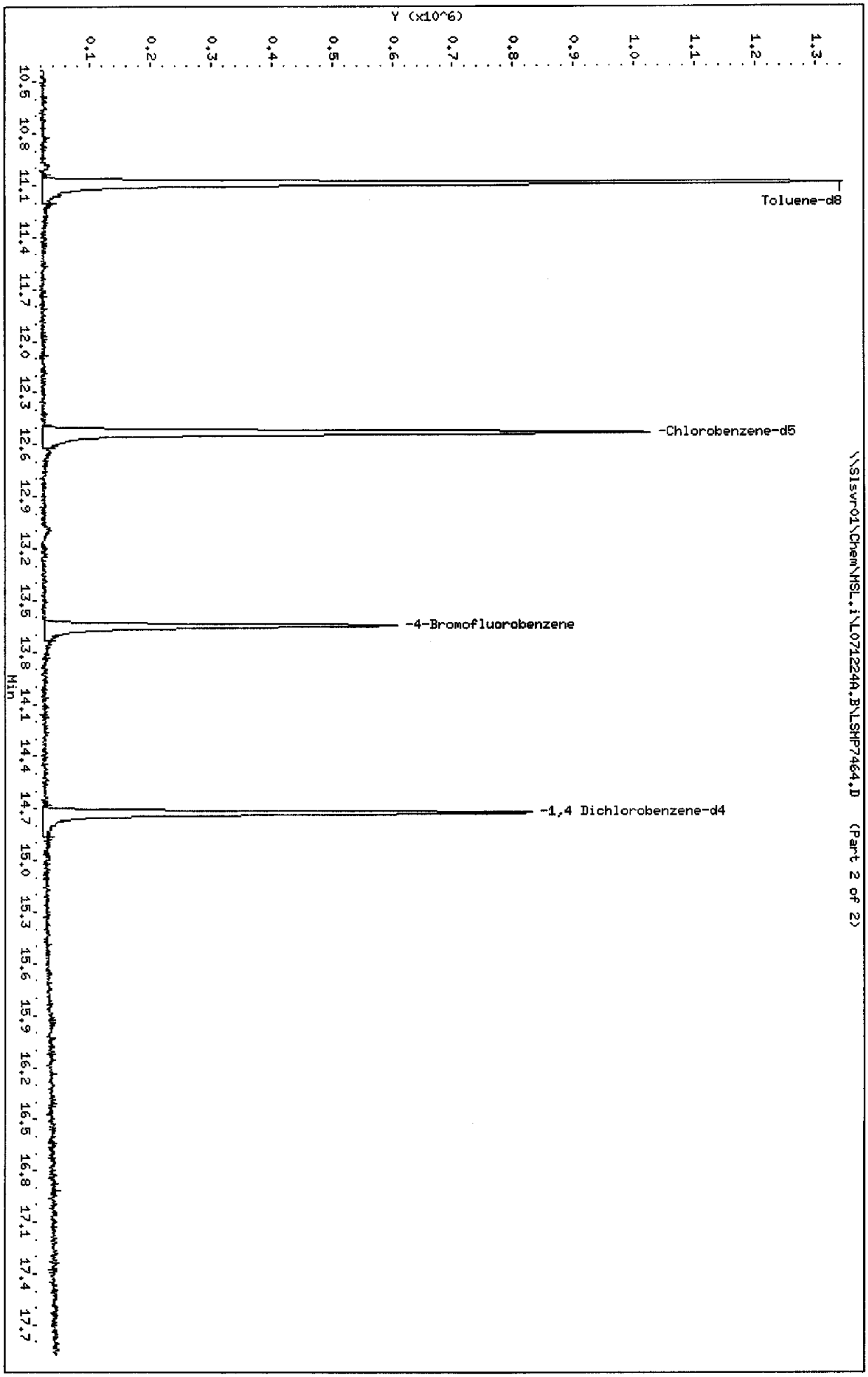
Instrument ID: MSL.i
Lab File ID: LSMP7464.D
Lab Smp Id: KEKPE1AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: QCTB
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L200290-003;7360149;

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	841455	-30.06
70 Chlorobenzene-d5	752404	376202	1504808	550893	-26.78
94 1,4 Dichlorobenze	317211	158606	634422	197205	-37.83

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7464.D
Date : 24-DEC-2007 16:24
Client ID: QCTB
Sample Info: KEKPE1AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7464.D (Part 1 of 2)
Y (x10^6)
Min
-Dibromofluoromethane+
-1,2-Dichloroethane-d4
-Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7464.D
Date : 24-DEC-2007 16:24
Client ID: QCTB
Sample Info: KEKPE1AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8
-Chlorobenzene-d5
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4
\\Slsvr01\Chem\MSL.i\L071224A.B\LSHP7464.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7464.D

Date : 24-DEC-2007 16:24

Client ID: QCTB

Instrument: MSL.i

Sample Info: KEKPE1AA

Purge Volume: 25.0

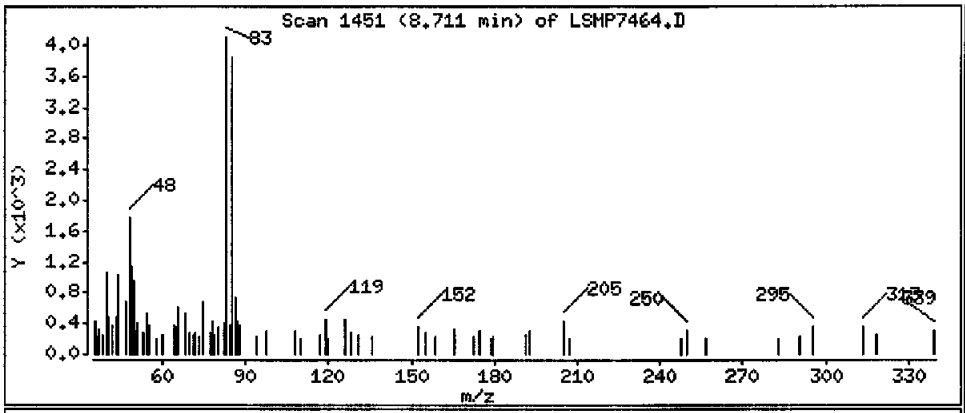
Operator: XIA

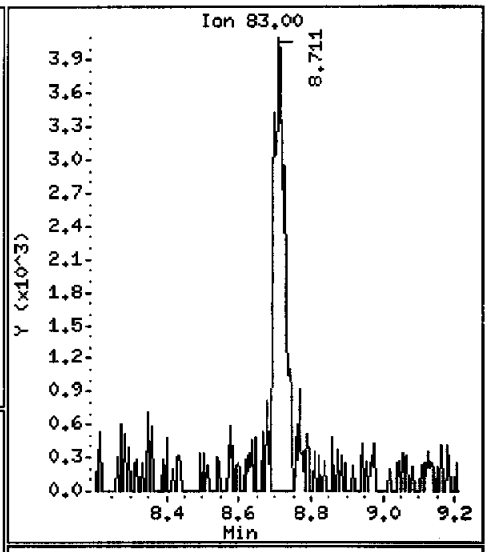
Column phase: RTX-502.2

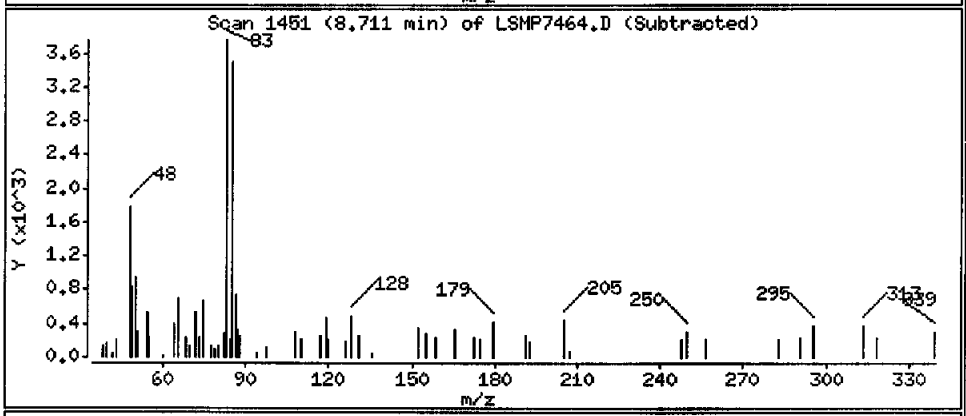
Column diameter: 0.25

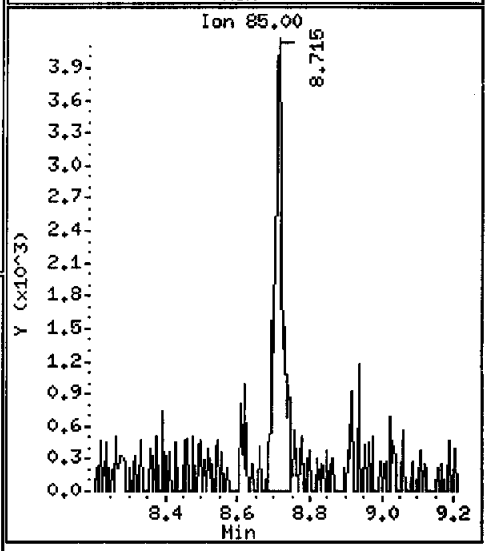
31 Chloroform

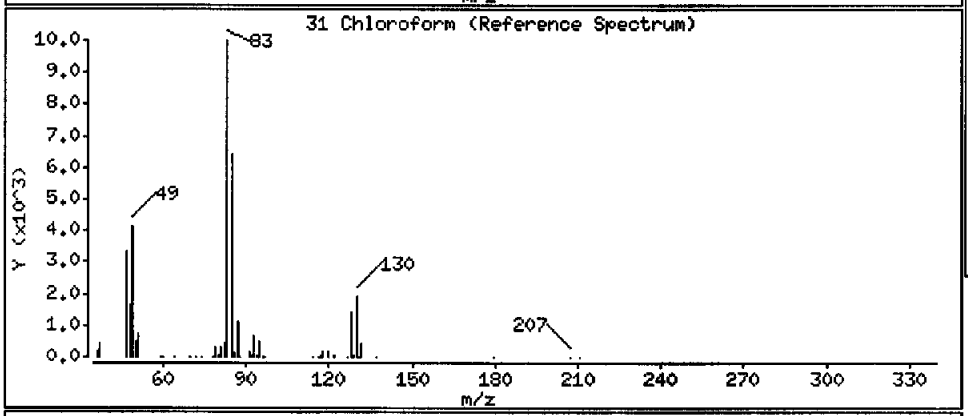
Concentration: 0.2458 ug/L

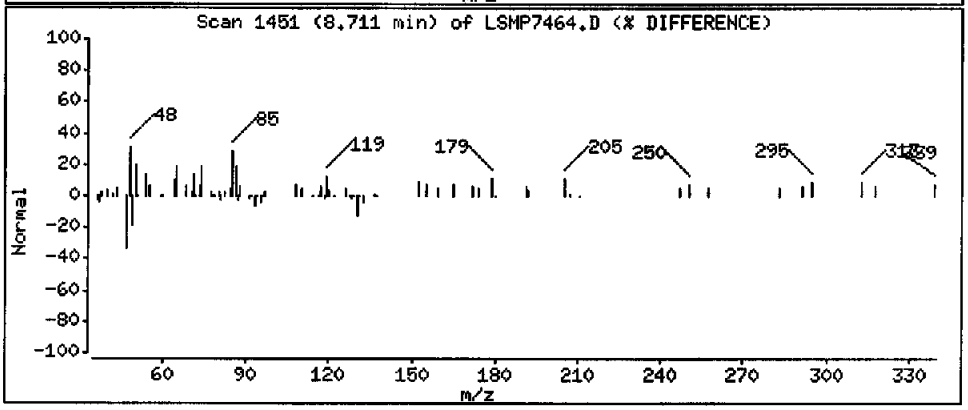






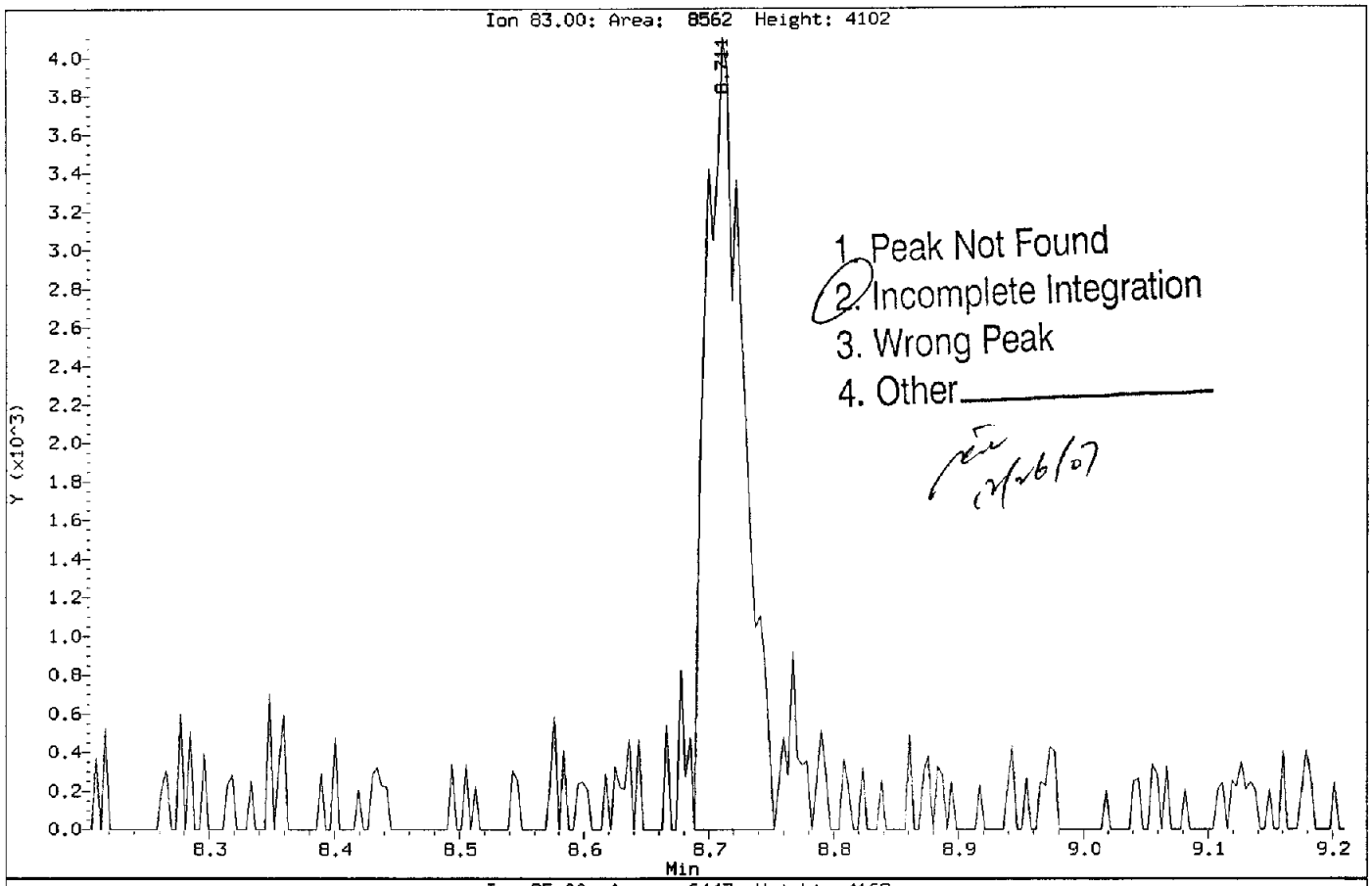


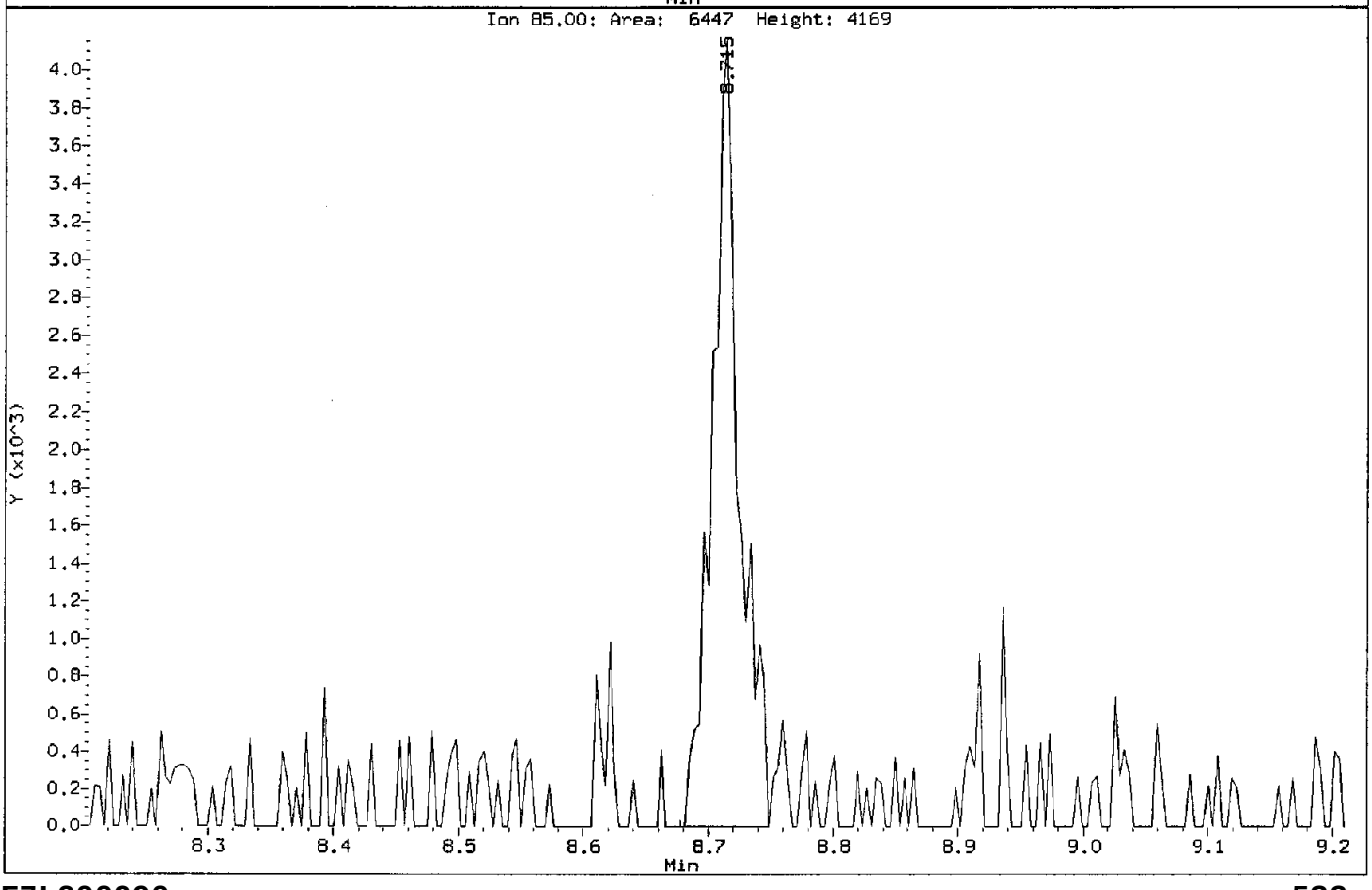




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7464.D
Injection Date: 24-DEC-2007 16:24
Instrument: MSL.i
Client Sample ID: QCTB

Compound: Chloroform
CAS Number: 67-66-3





Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7464.D
Report Date: 26-Dec-2007 14:27

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7464.D
Lab Smp Id: KEKPE1AA Client Smp ID: QCTB
Inj Date : 24-DEC-2007 16:24
Operator : XIA Inst ID: MSL.i
Smp Info : KEKPE1AA
Misc Info : VBLKL358A;F7L200290-003;7360149;
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 45 Fluorobenzene	9.673	1894425	10.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown			CAS #:				
4.793	256148	1.35211386	1.352	0		0	45

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LSMP7464.D

Date : 24-DEC-2007 16:24

Client ID: QCTB

Instrument: MSL.i

Sample Info: KEKPE1AA

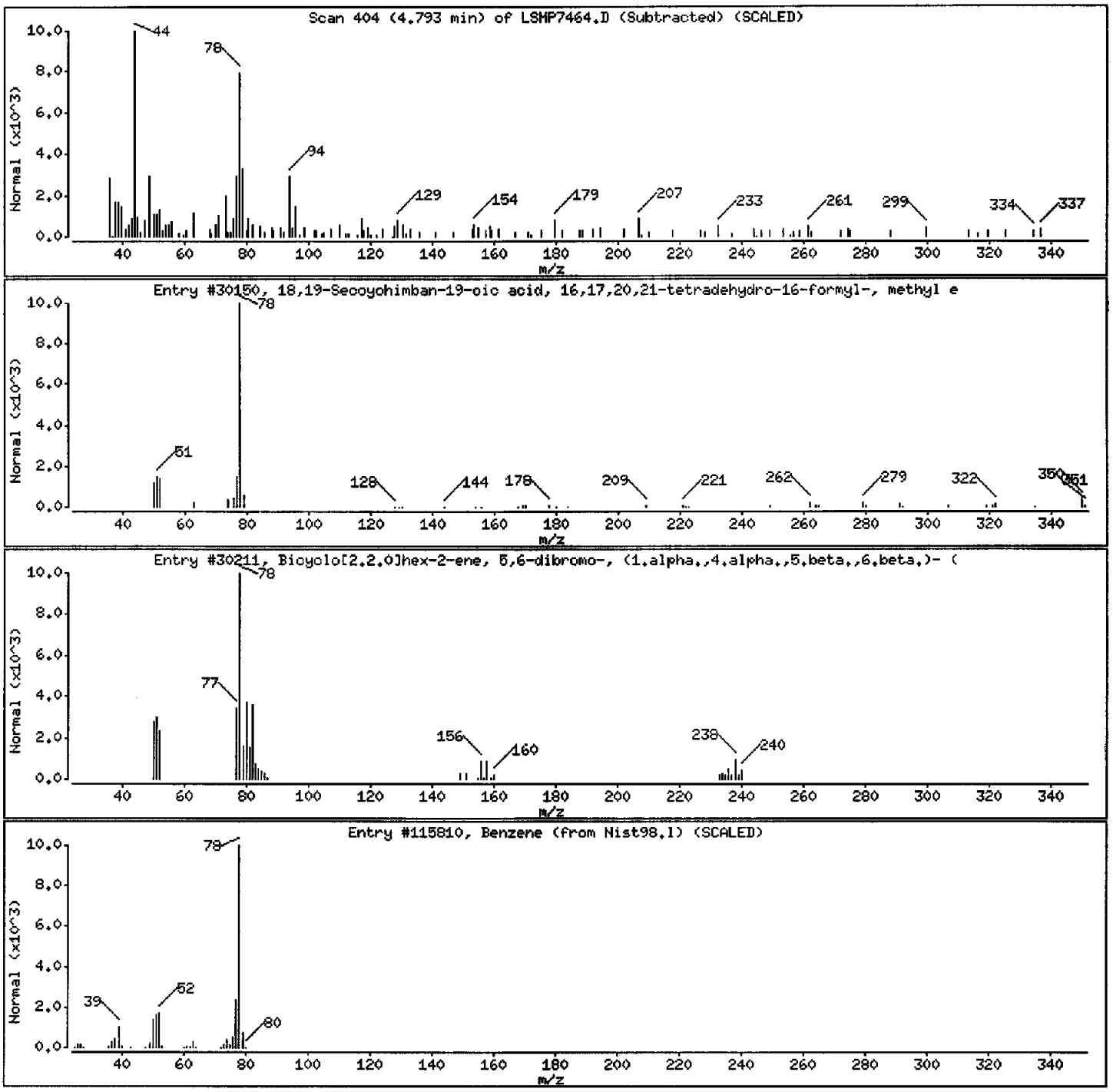
Purge Volume: 25.0

Operator: XIA

Column phase: RTX-502.2

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
18,19-Secoyohimban-19-oic acid, 16,17,20	1000144-47-5	Nist98.l	30150	50	C21H22N2O3	350
Bicyclo[2.2.0]hex-2-ene, 5,6-dibromo-, (	16622-67-6	Nist98.l	30211	50	C6H6Br2	236
Benzene	71-43-2	Nist98.l	115810	47	C6H6	78



GC/MS RAW QC DATA

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D
Report Date: 26-Dec-2007 12:45

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D
Lab Smp Id: KERR91AA Client Smp ID: VBLKL358A
Inj Date : 24-DEC-2007 13:31
Operator : XIA Inst ID: MSL.i
Smp Info : KERR91AA
Misc Info : VBLKL358A;F7L260000-149B;7360149
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
$ 36 Dibromofluoromethane	113	8.909	8.905	(0.921)	169071	11.3866	11.39
$ 43 1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	131529	11.2644	11.26
* 45 Fluorobenzene	96	9.669	9.669	(1.000)	1001537	10.0000	
$ 57 Toluene-d8	98	11.087	11.083	(0.885)	979488	10.2863	10.29
* 70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	636869	10.0000	
$ 78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	235621	10.7219	10.72
* 94 1,4 Dichlorobenzene-d4	152	14.725	14.725	(1.000)	223634	10.0000	

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D
Report Date: 26-Dec-2007 12:42

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LBLK7457A.D
Lab Smp Id: KERR91AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: VBLKL358A
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L260000-149B;7360149

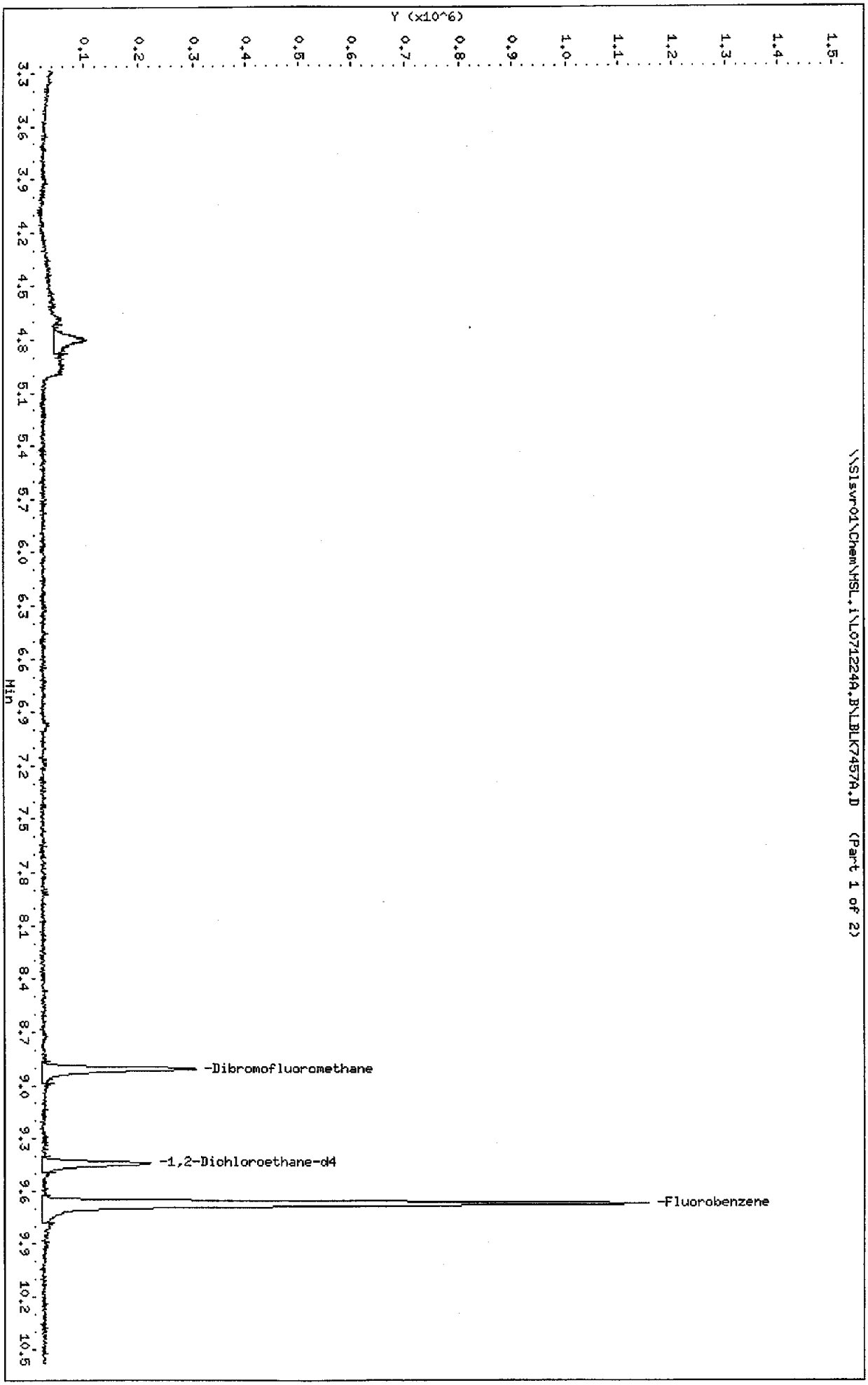
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	1001537	-16.75
70 Chlorobenzene-d5	752404	376202	1504808	636869	-15.36
94 1,4 Dichlorobenze	317211	158606	634422	223634	-29.50

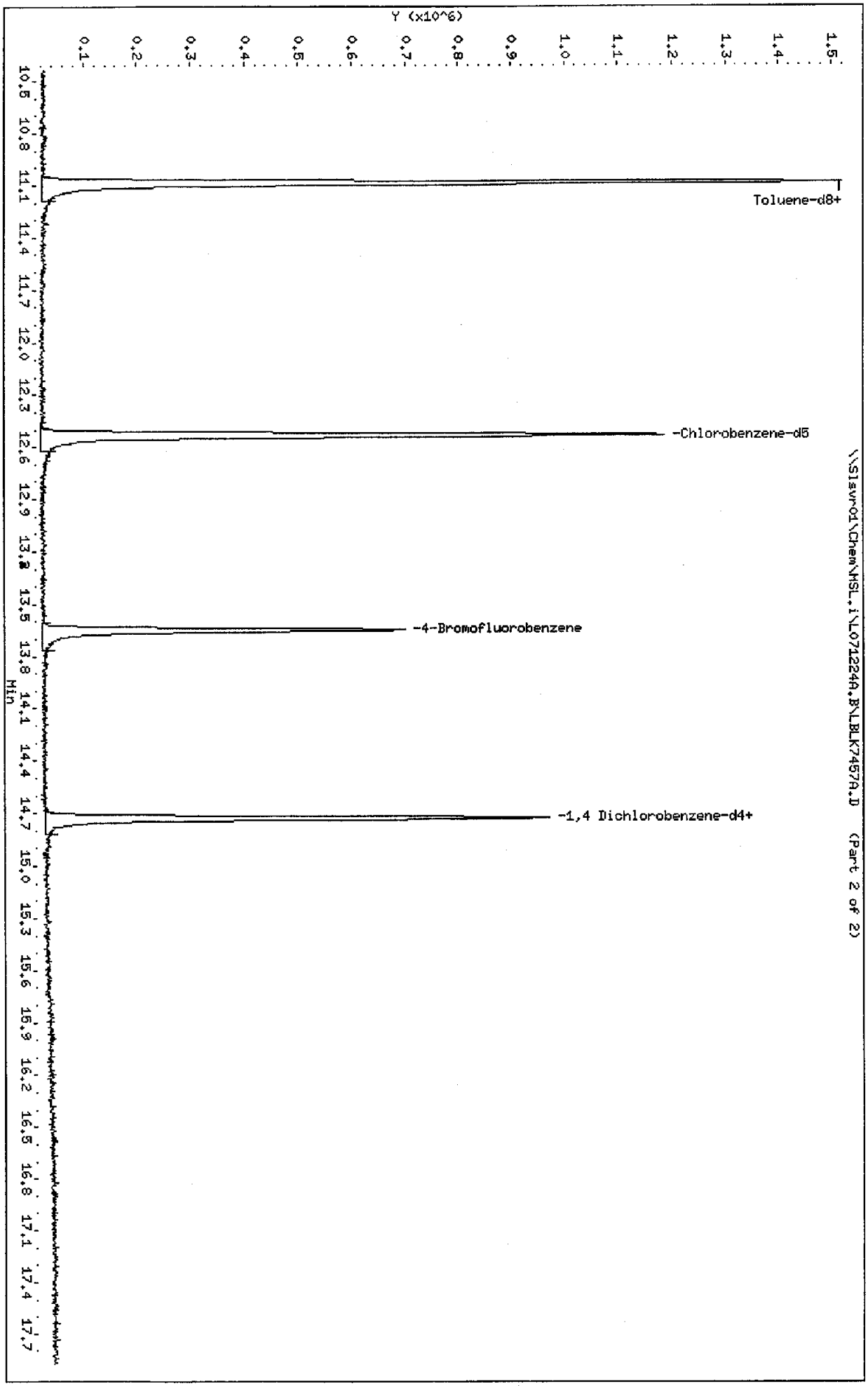
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.73	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D
Date : 24-DEC-2007 13:31
Client ID: VBLKL358A
Sample Info: KERR91AA
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25




Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D
Date : 24-DEC-2007 13:31
Client ID: VBLKL358A
Sample Info: KERR91AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8+
-Chlorobenzene-d5
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4+
\\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D
Report Date: 26-Dec-2007 12:45

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LBLK7457A.D
Lab Smp Id: KERR91AA Client Smp ID: VBLKL358A
Inj Date : 24-DEC-2007 13:31
Operator : XIA Inst ID: MSL.i
Smp Info : KERR91AA
Misc Info : VBLKL358A;F7L260000-149B;7360149
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.10
Processing Host: SLVOA03

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D
Report Date: 28-Dec-2007 12:06

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D
Lab Smp Id: KEWA41AA Client Smp ID: VBLKL361A
Inj Date : 27-DEC-2007 13:37
Operator : XIA Inst ID: MSL.i
Smp Info : KEWA41AA
Misc Info : VBLKL361A;F7L280000-155B;7362155
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
15 Methylene Chloride	84	6.971	6.967	(0.721)	6355	0.26389	0.2639(M)
$ 36 Dibromofluoromethane	113	8.909	8.905	(0.921)	184362	11.4922	11.49
$ 43 1,2-Dichloroethane-d4	65	9.441	9.444	(0.976)	142178	11.2700	11.27
* 45 Fluorobenzene	96	9.673	9.672	(1.000)	1082088	10.0000	
$ 57 Toluene-d8	98	11.083	11.083	(0.884)	1028937	10.0851	10.08
* 70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	682366	10.0000	
$ 78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	252401	10.2422	10.24
* 94 1,4 Dichlorobenzene-d4	152	14.728	14.721	(1.000)	250781	10.0000	

12/28/07

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D
Report Date: 28-Dec-2007 12:06

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

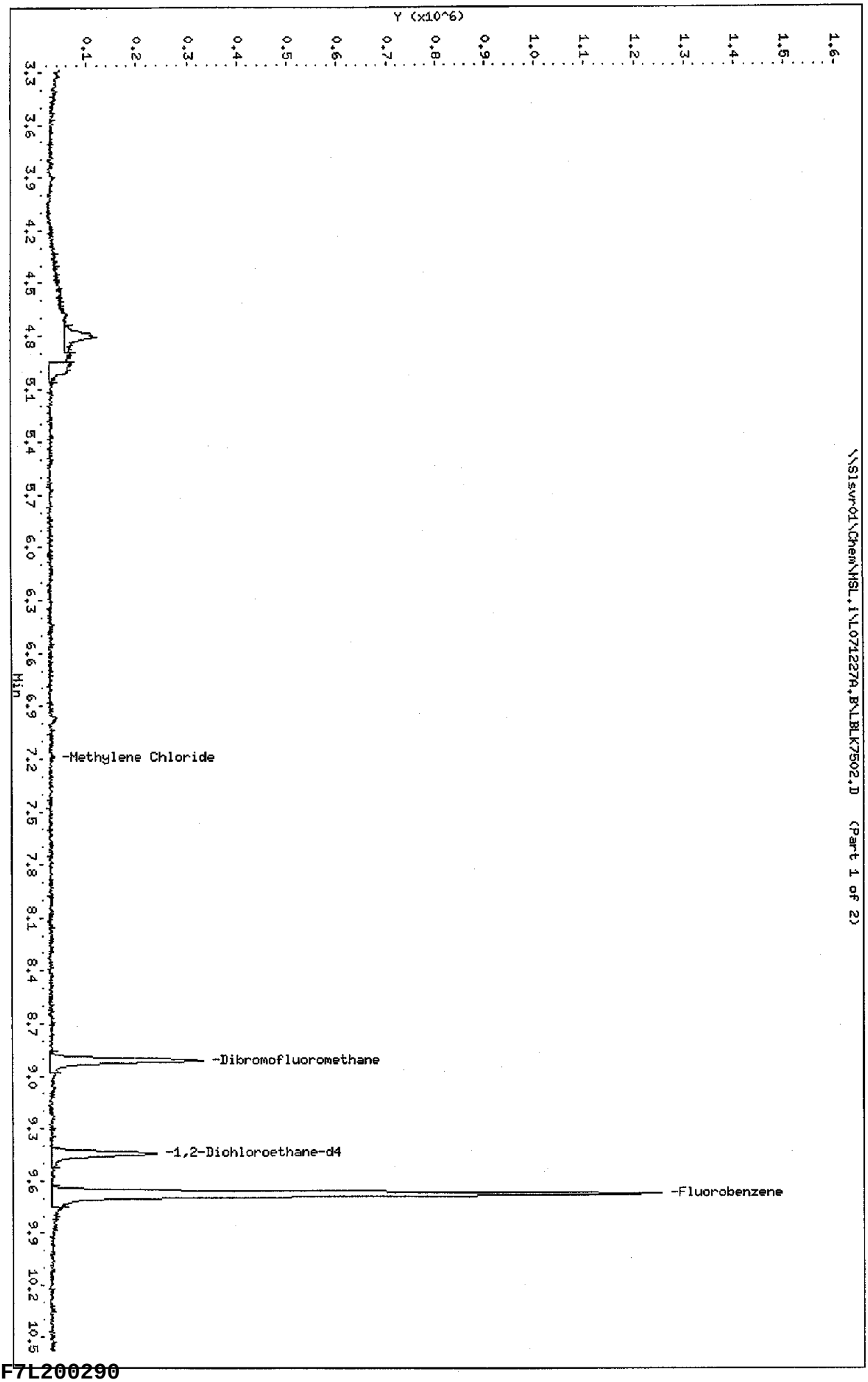
Instrument ID: MSL.i
Lab File ID: LBLK7502.D
Lab Smp Id: KEWA41AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;F7L280000-155B;7362155

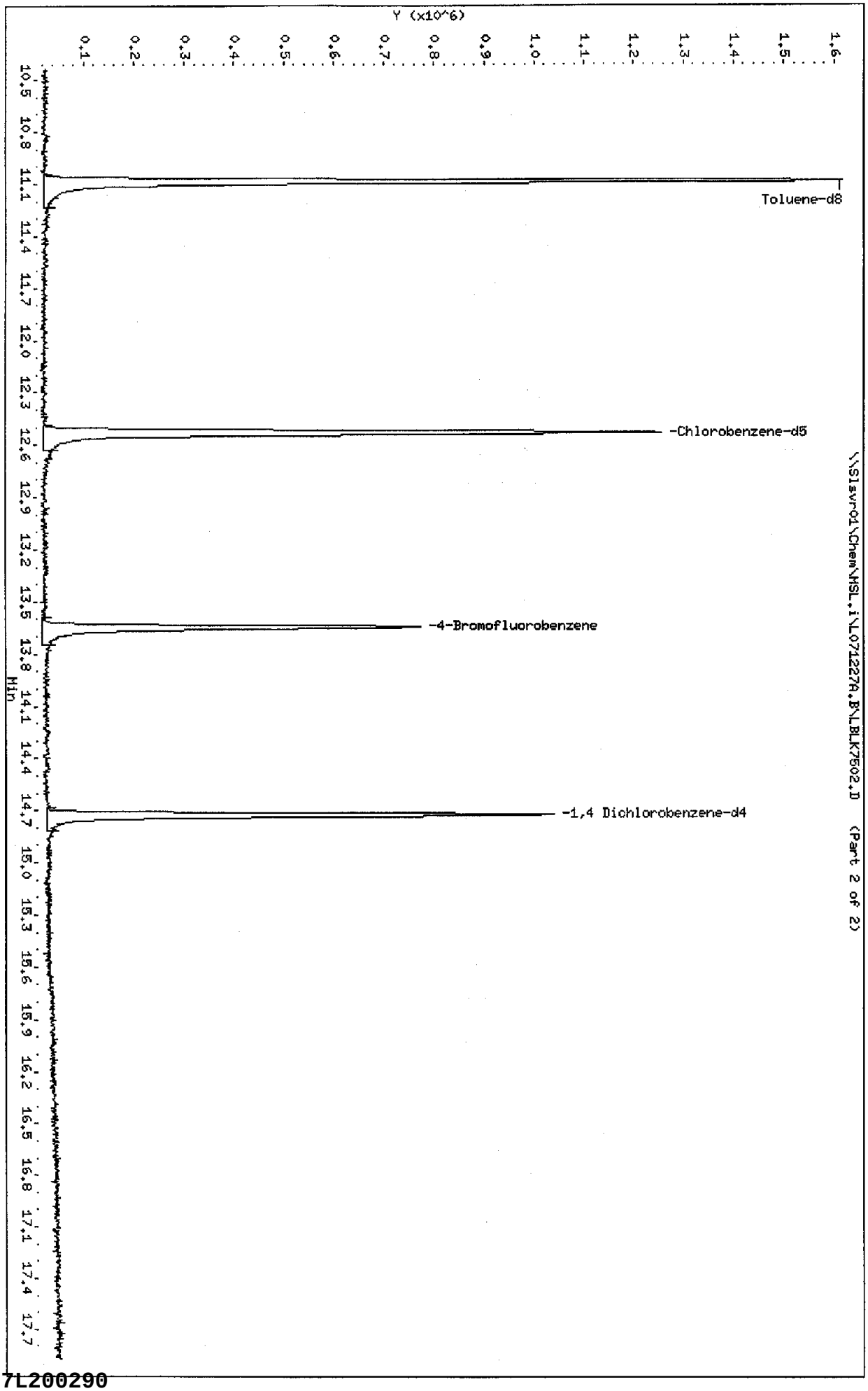
Calibration Date: 27-DEC-2007
Calibration Time: 11:33
Client Smp ID: VBLKL361A
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1414972	707486	2829944	1082088	-23.53
70 Chlorobenzene-d5	860970	430485	1721940	682366	-20.74
94 1,4 Dichlorobenze	346015	173008	692030	250781	-27.52

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.73	0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D
Date : 27-DEC-2007 13:37
Client ID: VBLKL361A
Sample Info: KENA41AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D (Part 1 of 2)
Y (x10^6)
Min
-Methylene Chloride
-Dibromofluoromethane
-1,2-Dichloroethane-d4
-Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D
Date : 27-DEC-2007 13:37
Client ID: VBLKL361A
Sample Info: KEW441AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8
-Chlorobenzene-d5
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4
\\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D

Date : 27-DEC-2007 13:37

Client ID: VBLKL361A

Instrument: MSL.i

Sample Info: KEWA41AA

Purge Volume: 25.0

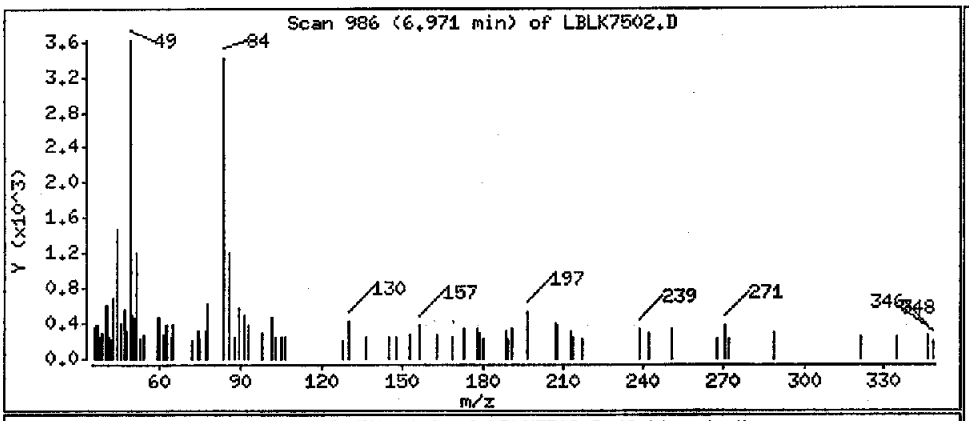
Operator: XIA

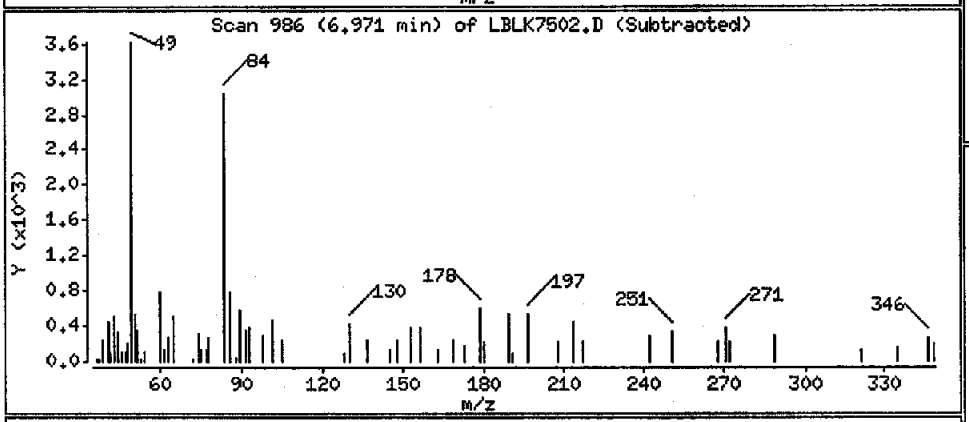
Column phase: RTX-502.2

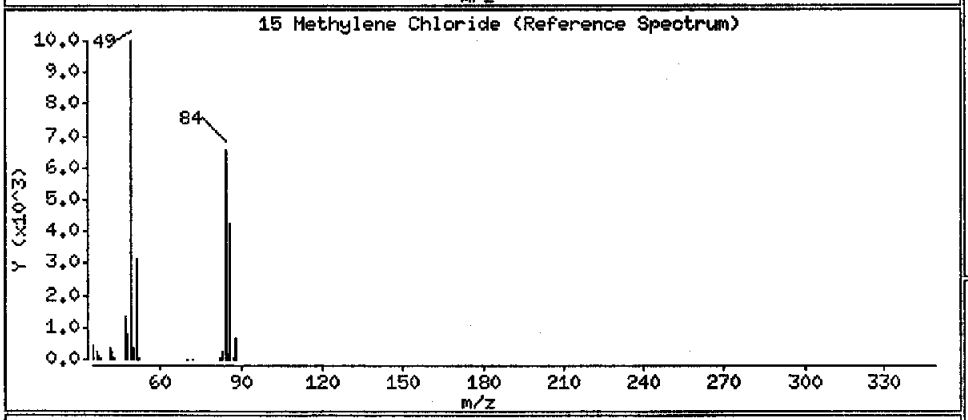
Column diameter: 0.25

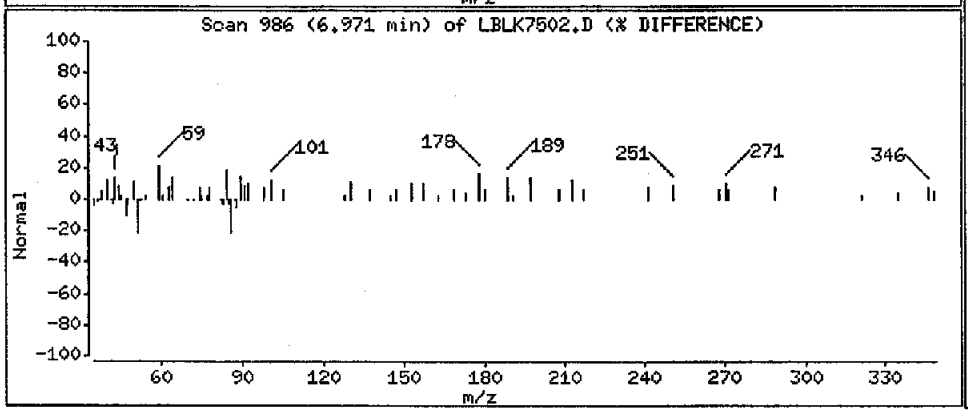
15 Methylene Chloride

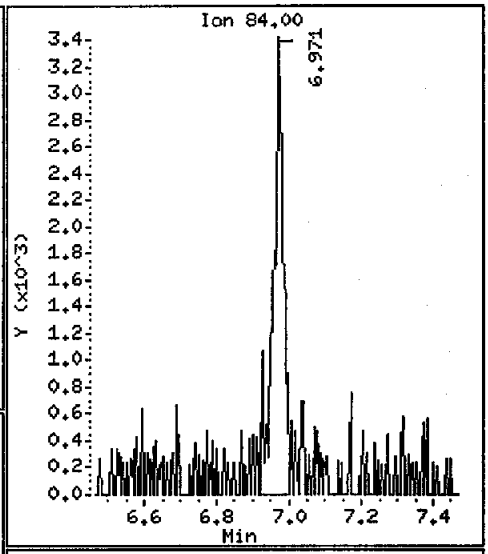
Concentration: 0.2639 ug/L

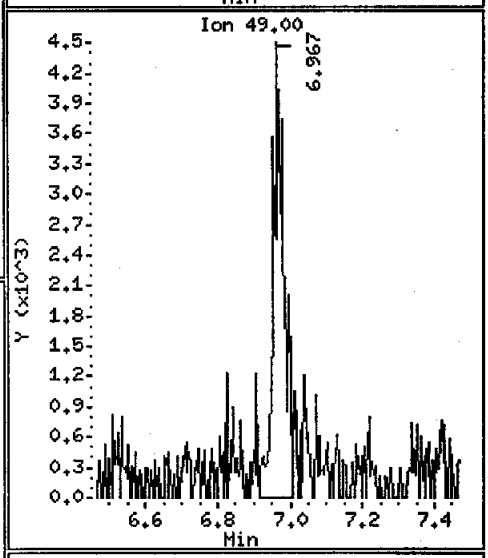


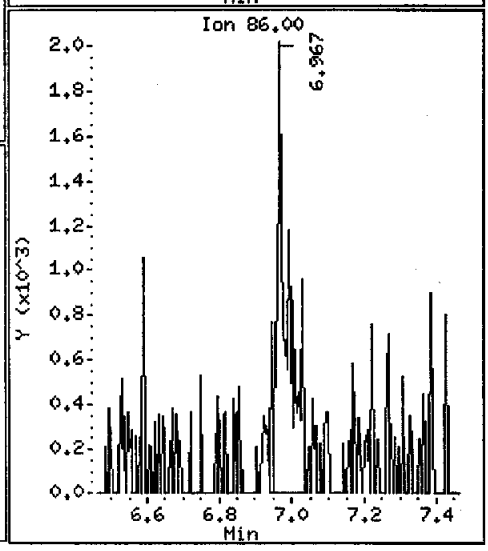






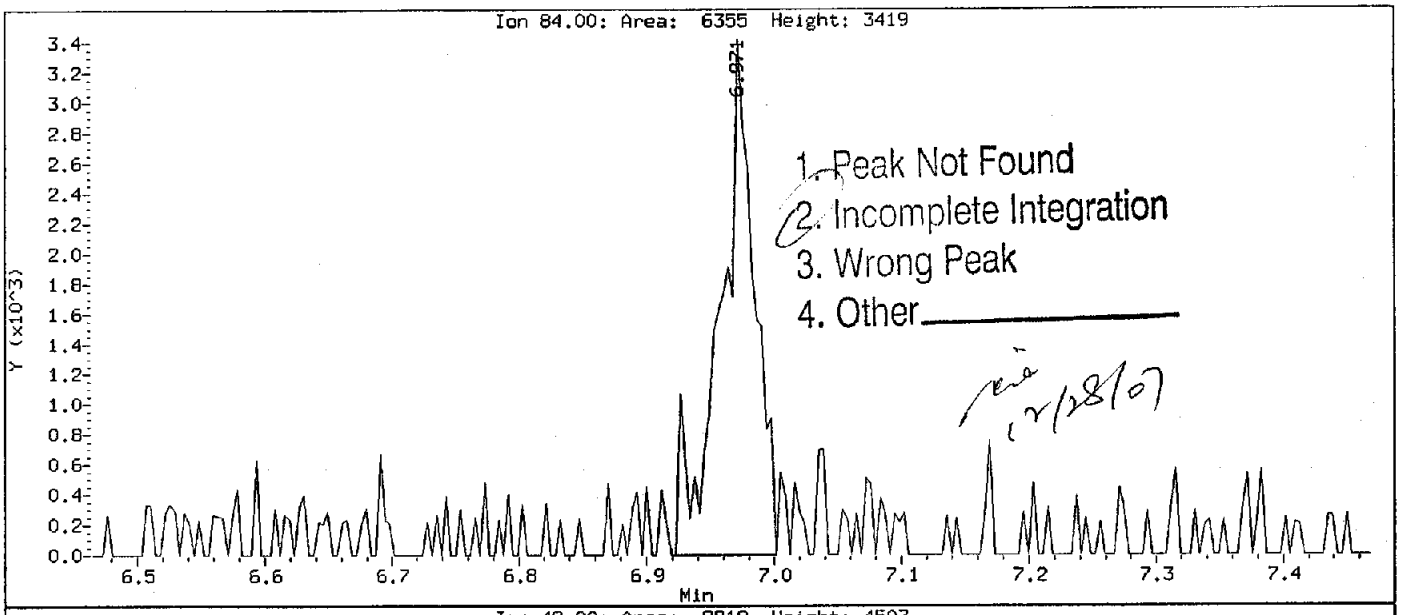


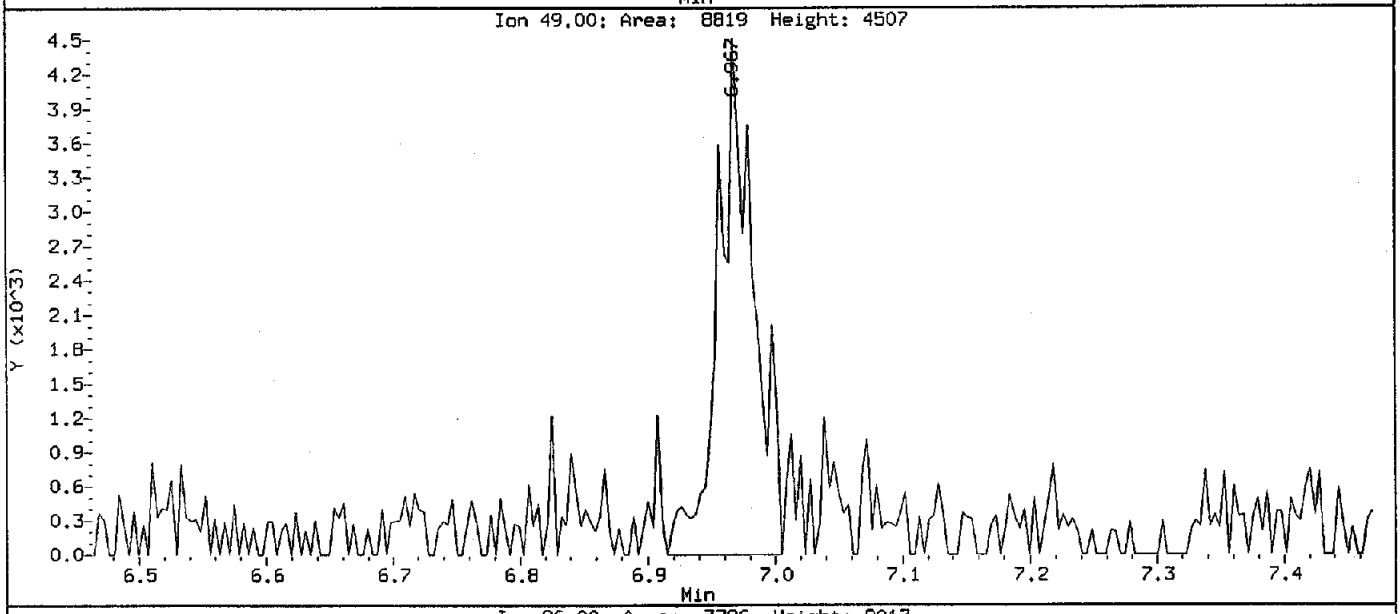


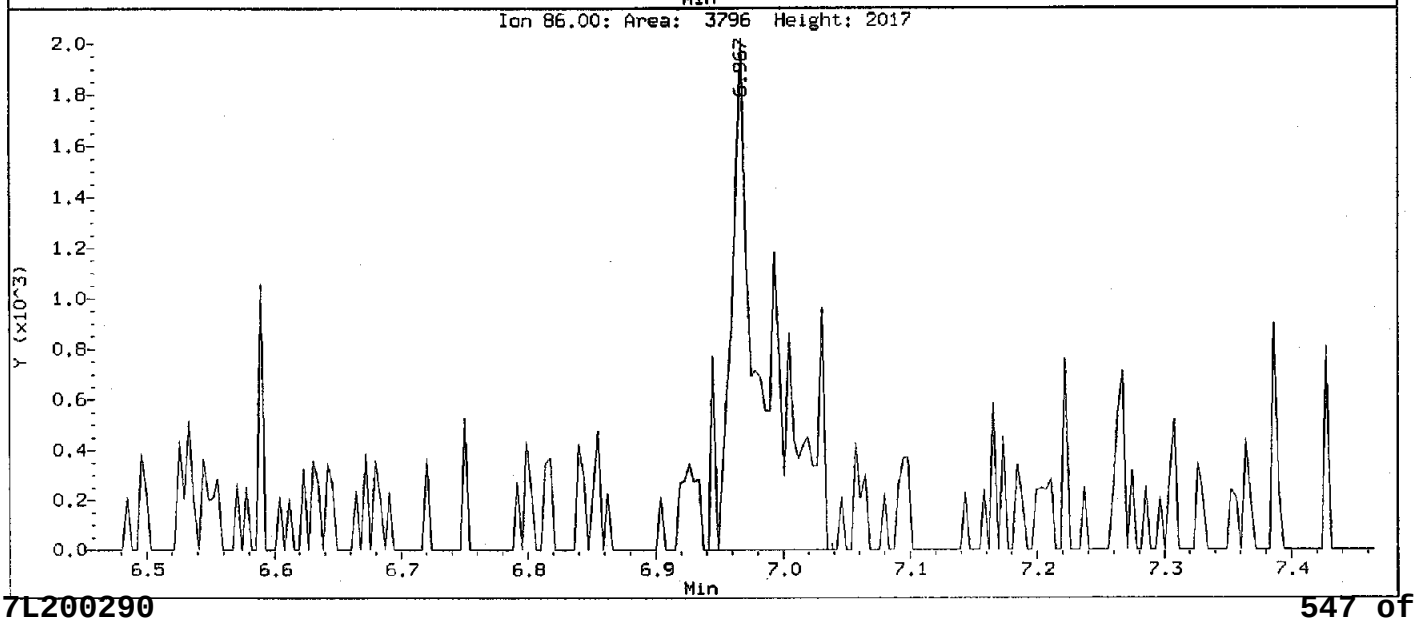


Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LBLK7502.D
Injection Date: 27-DEC-2007 13:37
Instrument: MSL.i
Client Sample ID: VBLKL361A

Compound: Methylene Chloride
CAS Number: 75-09-2







Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LBLK7561.D
Report Date: 02-Jan-2008 09:47

TestAmerica St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071231A.B\LBLK7561.D
Lab Smp Id: KE00W1AA Client Smp ID: VBLKL365A
Inj Date : 31-DEC-2007 15:39
Operator : XIA Inst ID: MSL.i
Smp Info : KE00W1AA
Misc Info : VBLKL365A;F8A020000-105B;8002105
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m
Meth Date : 02-Jan-2008 09:35 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 9 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 36 Dibromofluoromethane	113	8.906	8.906	(0.921)	119400	11.1210	11.12
$ 43 1,2-Dichloroethane-d4	65	9.441	9.444	(0.976)	97160	11.5076	11.51
* 45 Fluorobenzene	96	9.673	9.669	(1.000)	724193	10.0000	
$ 57 Toluene-d8	98	11.084	11.084	(0.884)	690272	9.74276	9.743
* 70 Chlorobenzene-d5	117	12.532	12.528	(1.000)	473858	10.0000	
$ 78 4-Bromofluorobenzene	95	13.651	13.643	(0.927)	169842	10.5800	10.58
* 94 1,4 Dichlorobenzene-d4	152	14.725	14.721	(1.000)	163364	10.0000	

01/02/08

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LBLK7561.D
Report Date: 02-Jan-2008 09:47

TestAmerica St. Louis

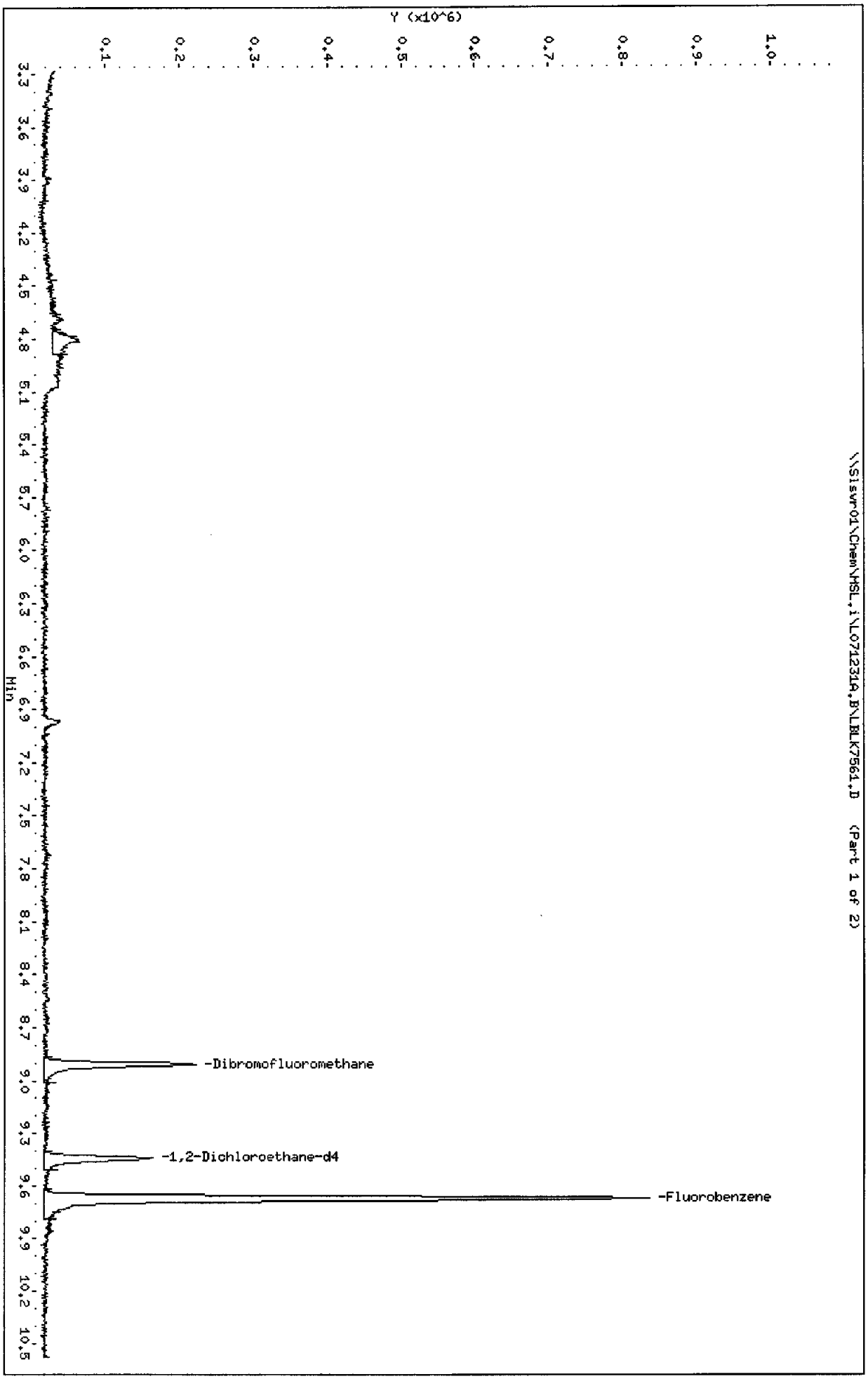
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

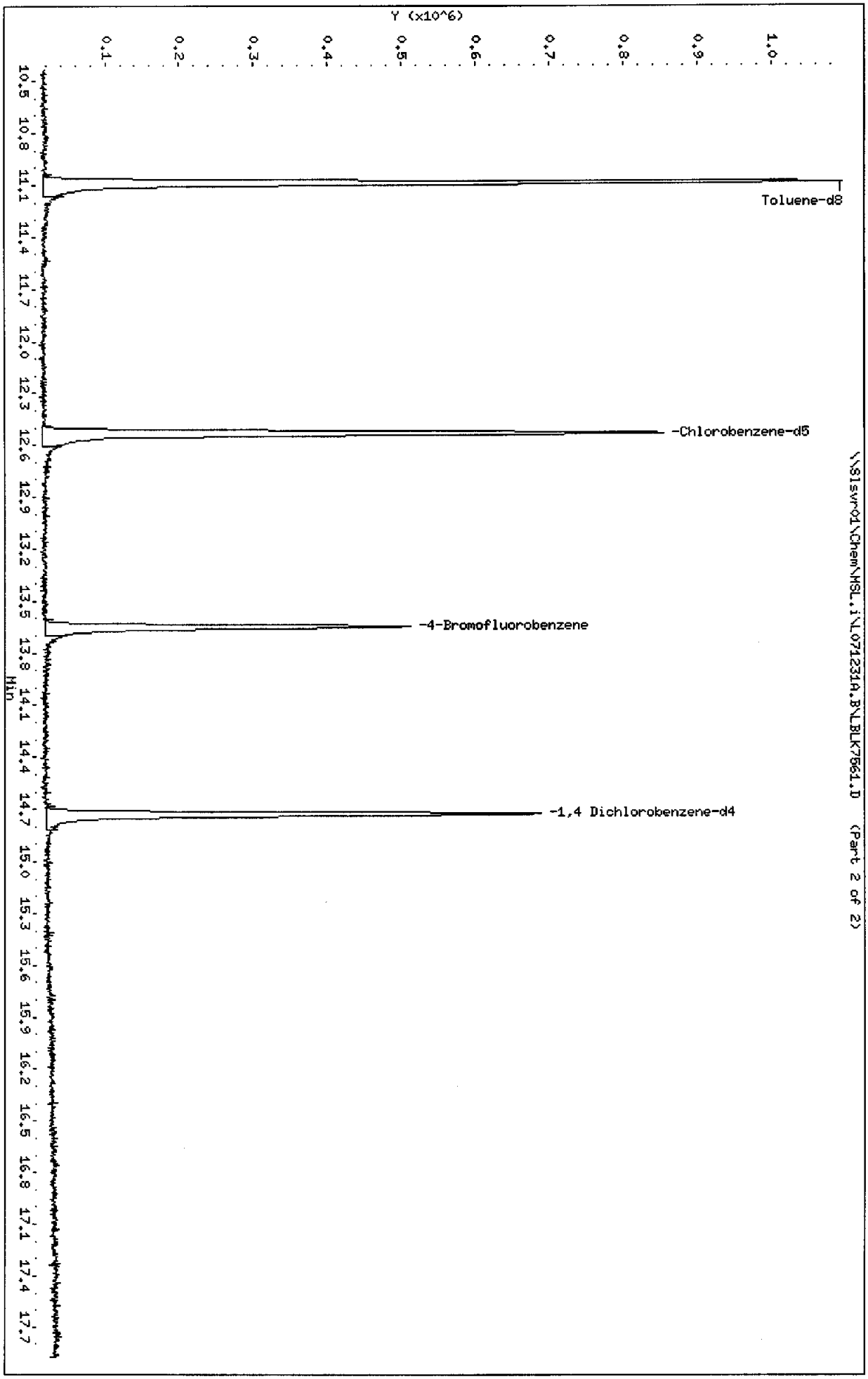
Instrument ID: MSL.i
Lab File ID: LBLK7561.D
Lab Smp Id: KE00W1AA
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 31-DEC-2007
Calibration Time: 12:11
Client Smp ID: VBLKL365A
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m
Misc Info: VBLKL365A;F8A020000-105B;8002105

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1025863	512932	2051726	724193	-29.41
70 Chlorobenzene-d5	641041	320521	1282082	473858	-26.08
94 1,4 Dichlorobenze	244965	122483	489930	163364	-33.31

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.03
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.73	0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LBLK7564.D
Date : 31-DEC-2007 15:39
Client ID: VBLK365A
Sample Info: KE0OW1AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071231A.B\LBLK7564.D (Part 1 of 2)
Y (x10^6)
Min
-Dibromofluoromethane
-1,2-Dichloroethane-d4
-Fluorobenzene


Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LBLK7564.D
Date : 31-DEC-2007 15:39
Client ID: VBLKL365A
Sample Info: KE00W1AA
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Toluene-d8
-Chlorobenzene-d5
-4-Bromofluorobenzene
-1,4 Dichlorobenzene-d4
\\Slsvr01\Chem\MSL.i\L071231A.B\LBLK7561.D (Part 2 of 2)
Min

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D
Report Date: 26-Dec-2007 12:42

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D
Lab Smp Id: KERR91AC Client Smp ID: VLCSL358A
Inj Date : 24-DEC-2007 12:08
Operator : XIA Inst ID: MSL.i
Smp Info : KERR91AC
Misc Info : VBLKL358A;F7L260000-149C;7360149
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.460	3.464	(0.358)	368152	8.67429	8.674
2	Freon-114	135	3.749	3.741	(0.388)	139210	13.9403	13.94(R)
3	Chloromethane	50	3.902	3.898	(0.404)	614683	7.96557	7.966
4	Vinyl Chloride	62	4.100	4.097	(0.424)	568016	8.69474	8.695
5	Bromomethane	94	4.800	4.800	(0.496)	461384	11.2348	11.23
6	Chloroethane	64	5.032	5.032	(0.520)	320525	8.11964	8.120
7	Trichlorofluoromethane	101	5.283	5.279	(0.546)	485804	8.41841	8.418
8	Diethyl ether	59	5.788	5.792	(0.599)	259355	23.2449	23.24
9	1,1-Dichloroethene	96	6.147	6.147	(0.636)	304234	9.61862	9.619
10	1,1,2-Trichlorofluoroethane	101	6.129	6.132	(0.634)	325537	10.1855	10.18
11	Carbon Disulfide	76	6.305	6.305	(0.652)	1058284	10.1820	10.18
12	Iodomethane	142	6.432	6.432	(0.665)	92877	8.40995	8.410
13	Acrolein	56	6.615	6.623	(0.684)	30686	54.9870	54.99(M)
14	Allyl chloride	39	6.810	6.810	(0.704)	348446	9.74850	9.748
15	Methylene Chloride	84	6.963	6.967	(0.720)	308068	10.4425	10.44
16	Acetone	43	6.978	6.967	(0.722)	26166	9.45734	9.457(M)
17	trans-1,2-Dichloroethene	96	7.176	7.180	(0.742)	371299	9.76265	9.763
18	n-Hexane	57	7.176	7.177	(0.742)	665485	9.91186	9.912
19	Methyl Acetate	74	7.132	7.128	(0.738)	24069	8.49173	8.492(M)
20	MTBE	73	7.214	7.210	(0.746)	407124	11.8393	11.84
M 21	1,2-Dichloroethene (total)	96				699186	19.7827	19.78
22	Acetonitrile	41	7.566	7.562	(0.782)	42662	52.8456	52.84

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D
Report Date: 26-Dec-2007 12:42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.914	7.906	(0.818)	173142	59.2036	59.20
	24 1,1-Dichloroethane	63	7.873	7.869	(0.814)	658326	9.82565	9.826
	25 2-Chloro-1,3-butadiene	53	7.839	7.843	(0.811)	536891	9.94998	9.950
	26 Vinyl acetate	43	8.082	8.078	(0.836)	216439	12.7628	12.76(R)
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	327887	10.0200	10.02
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	528612	9.46252	9.462
	29 Bromochloromethane	128	8.700	8.692	(0.900)	80385	10.5830	10.58
	30 Cyclohexane	84	8.666	8.666	(0.896)	596859	10.1540	10.15
	31 Chloroform	83	8.707	8.707	(0.901)	538091	9.80675	9.807
	32 Ethyl acetate	43	8.744	8.752	(0.904)	89681	56.2864	56.29(R)
	33 Carbon Tetrachloride	117	8.898	8.894	(0.920)	464823	10.3669	10.37
	34 Isobutanol	42	8.894	8.891	(0.920)	103536	202.657	202.6
	35 Tetrahydrofuran	71	8.902	8.891	(0.921)	45846	60.1064	60.11
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	212225	10.7987	10.80
	37 1,1,1-Trichloroethane	97	8.932	8.932	(0.924)	523344	9.70200	9.702
	38 2-Butanone	43	8.965	8.962	(0.927)	25828	9.73614	9.736
	39 1,1-Dichloropropene	75	9.048	9.048	(0.936)	509383	9.74263	9.743
	40 Benzene	78	9.313	9.313	(0.963)	1508581	9.83640	9.836
	41 Propionitrile	54	9.268	9.272	(0.959)	51728	55.3808	55.38
	42 Methacrylonitrile	41	9.287	9.283	(0.961)	256139	60.0115	60.01(R)
$	43 1,2-Dichloroethane-d4	65	9.437	9.441	(0.976)	162795	10.5335	10.53
	44 1,2-Dichloroethane	62	9.512	9.512	(0.984)	215133	10.4470	10.45
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	1325622	10.0000	
	46 n-Butanol	56	10.039	10.028	(1.038)	15423	143.327	143.3(RM)
	47 Methylcyclohexane	55	9.811	9.811	(1.015)	542078	9.73984	9.740
	48 Trichloroethene	130	9.852	9.852	(1.019)	379058	10.2046	10.20
	49 Dibromomethane	93	10.316	10.313	(1.067)	66173	9.97378	9.974
	50 1,2-Dichloropropane	63	10.324	10.320	(1.068)	295681	10.1732	10.17
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	308000	11.0429	11.04
M	52 Xylenes (total)	106				2040987	29.0575	29.06
	53 Methyl methacrylate	69	10.402	10.399	(1.076)	64049	11.7223	11.72
	54 1,4-Dioxane	88	10.548	10.545	(1.091)	23121	159.040	159.0(RM)
	55 2-chloroethyl vinyl ether	63	10.806	10.803	(1.118)	32451	9.02654	9.026(M)
	56 cis-1,3-Dichloropropene	75	10.926	10.930	(1.130)	323989	11.2494	11.25
$	57 Toluene-d8	98	11.083	11.083	(0.885)	1202126	10.0630	10.06
	58 Toluene	91	11.136	11.136	(0.889)	1598926	9.54853	9.548
	59 2-Nitro-Propane	43	11.300	11.304	(0.902)	46976	10.4090	10.41
	60 4-Methyl-2-pentanone	43	11.360	11.360	(0.907)	89757	12.6307	12.63
	61 trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	219611	11.0166	11.02
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	271418	9.73081	9.731
	63 Ethyl methacrylate	69	11.503	11.506	(0.918)	135265	9.58016	9.580
	64 1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	127822	10.3394	10.34
	65 Chlorodibromomethane	129	11.888	11.892	(0.949)	135644	11.4147	11.41
	66 1,3-Dichloropropane	76	11.910	11.911	(0.951)	241937	10.6277	10.63
	67 1,2-Dibromoethane	107	12.146	12.146	(0.970)	89633	10.1980	10.20
	68 2-Hexanone	43	12.113	12.116	(0.967)	44441	10.5798	10.58
	69 Ethylbenzene	106	12.498	12.498	(0.998)	563914	9.37878	9.379
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	798973	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	854867	9.97613	9.976
	72 1,1,1,2-Tetrachloroethane	131	12.584	12.584	(1.004)	234233	10.2076	10.21
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1432763	18.8801	18.88
	74 o-Xylene	106	13.033	13.033	(1.040)	608224	10.1774	10.18
	75 Styrene	104	13.089	13.089	(1.045)	822433	9.41948	9.419
	76 Bromoform	173	13.254	13.258	(0.900)	58777	11.4467	11.45

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D
Report Date: 26-Dec-2007 12:42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1530477	8.48974	8.490
$ 78	4-Bromofluorobenzene	95	13.643	13.647	(0.927)	290526	9.26194	9.262
79	n-Propylbenzene	91	13.681	13.681	(0.929)	2160147	8.60411	8.604
80	Bromobenzene	156	13.789	13.793	(0.937)	244868	9.59396	9.594
81	1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	129655	10.0022	10.00
82	1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1366824	8.95177	8.952
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	1069712	8.92750	8.927
84	1,2,3-Trichloropropane	110	13.935	13.939	(0.947)	32806	9.79145	9.791
85	trans-1,4-dichloro-2-butene	53	13.931	13.931	(0.946)	32132	10.5202	10.52
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	1015060	9.06809	9.068
87	Cyclohexanone	55	14.002	14.006	(0.951)	25507	66.7565	66.76
88	t-Butylbenzene	119	14.156	14.160	(0.962)	1191066	8.72903	8.729
89	Pentachloroethane	167	14.272	14.279	(0.969)	140233	11.1067	11.11
90	1,2,4-Trimethylbenzene	105	14.223	14.227	(0.966)	1347278	9.10095	9.101
91	sec-Butylbenzene	105	14.328	14.328	(0.973)	1946253	8.69066	8.691
92	4-Isopropyltoluene	119	14.436	14.437	(0.981)	1510405	8.88450	8.884
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	555036	9.44286	9.443
* 94	1,4 Dichlorobenzene-d4	152	14.721	14.725	(1.000)	319212	10.0000	
95	1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	537249	9.26890	9.269
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1592628	8.79851	8.798
98	1,2-Dichlorobenzene	146	15.162	15.166	(1.030)	414071	9.52204	9.522
99	1,2-Dibromo-3-chloropropane	157	15.971	15.978	(1.085)	13263	9.59227	9.592
100	Hexachlorobutadiene	225	16.555	16.555	(1.125)	155982	9.12243	9.122
101	1,2,4-Trichlorobenzene	180	16.678	16.682	(1.133)	230504	11.7497	11.75
102	Naphthalene	128	17.071	17.079	(1.160)	273160	12.0652	12.06
103	1,2,3-Trichlorobenzene	180	17.292	17.296	(1.175)	147550	13.4367	13.44(R)
143	Nonanal	57	15.746	15.743	(1.629)	76995	7.56918	7.569(M)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D
Report Date: 26-Dec-2007 12:42

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INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

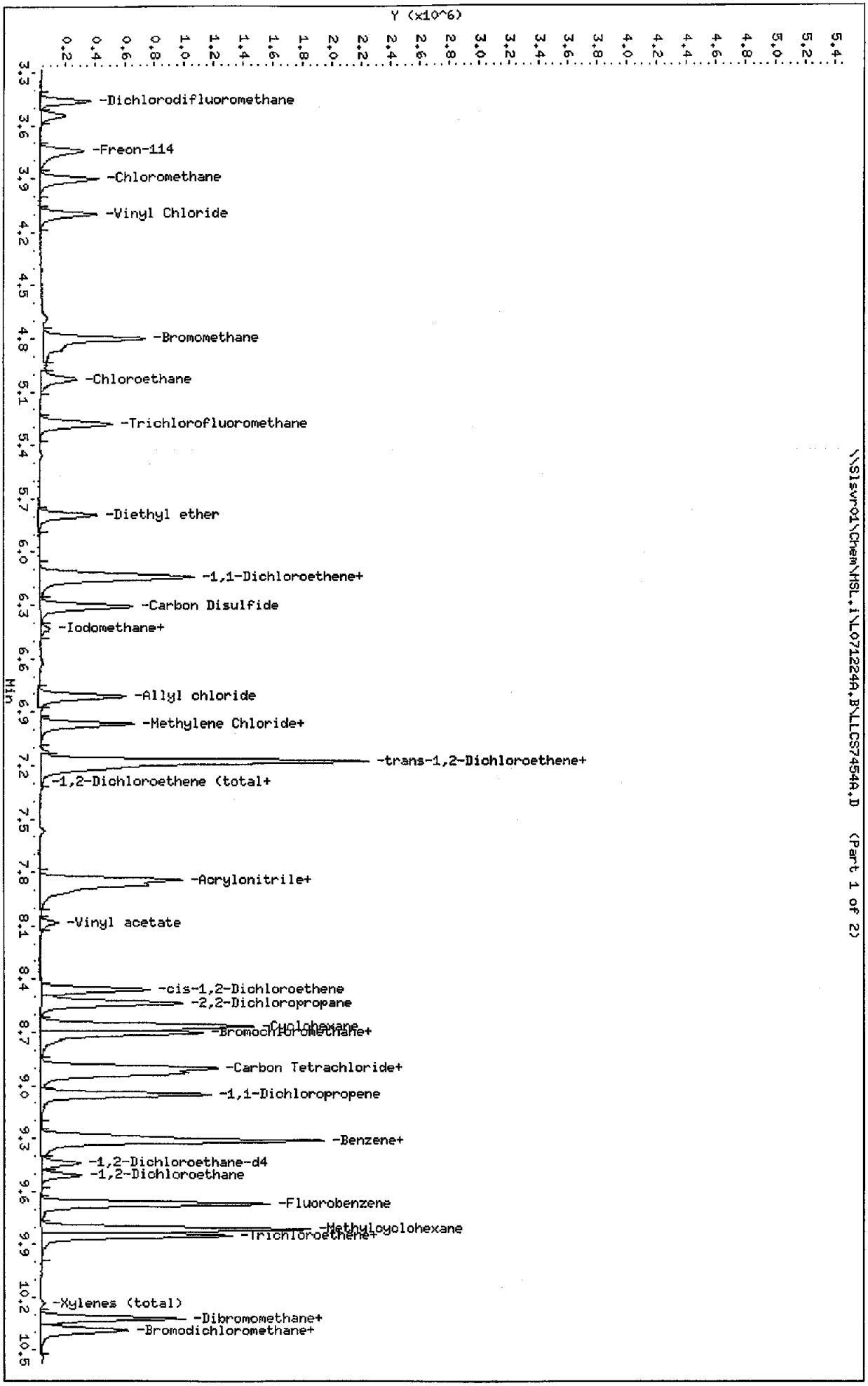
Instrument ID: MSL.i
Lab File ID: LLCS7454A.D
Lab Smp Id: KERR91AC
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L260000-149C;7360149

Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: VLCSL358A
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	1325622	10.18
70 Chlorobenzene-d5	752404	376202	1504808	798973	6.19
94 1,4 Dichlorobenze	317211	158606	634422	319212	0.63

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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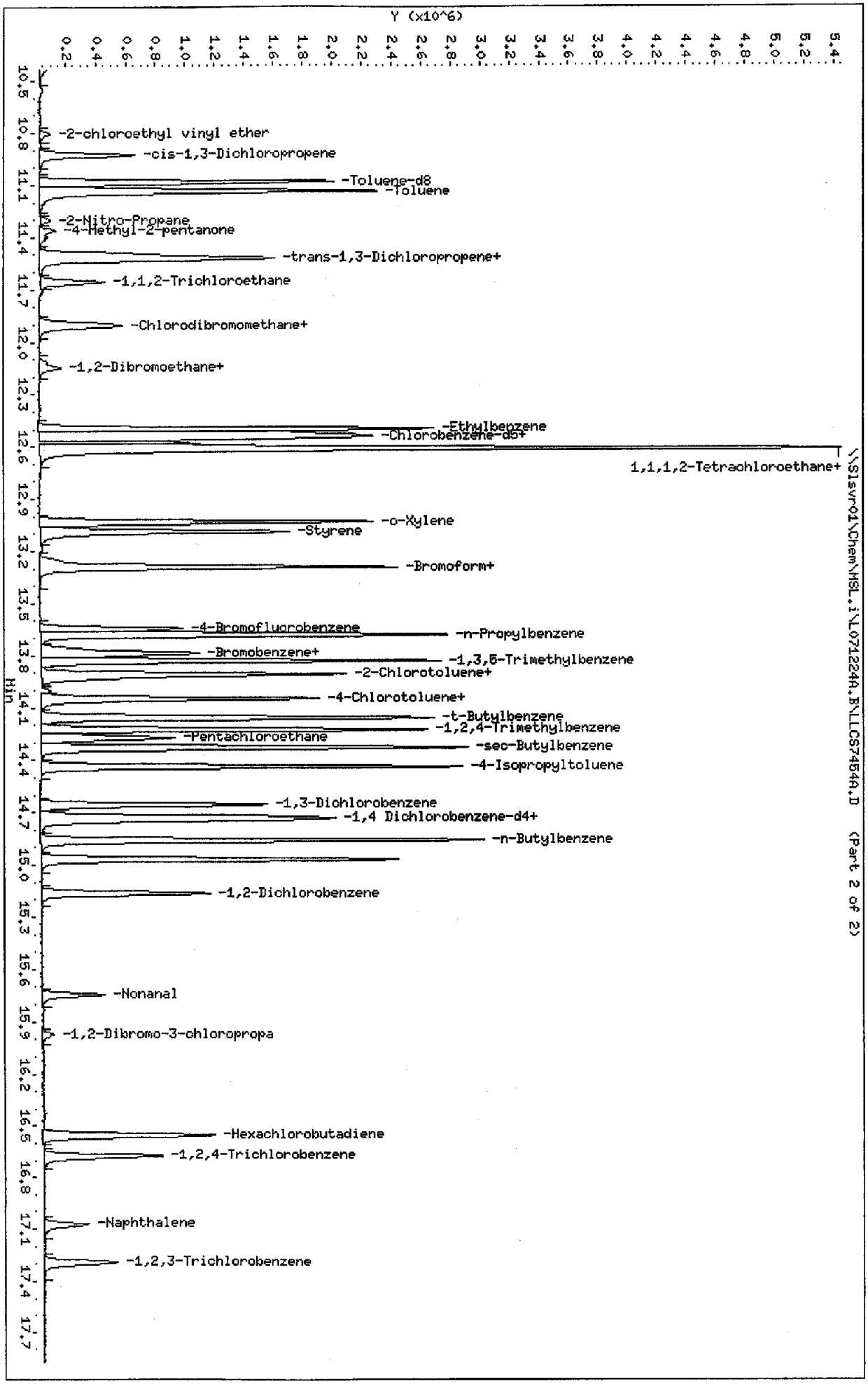
Date : 24-DEC-2007 12:08
Client ID: VLCSL358A
Sample Info: KERR91AC
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane+
-Allyl chloride
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+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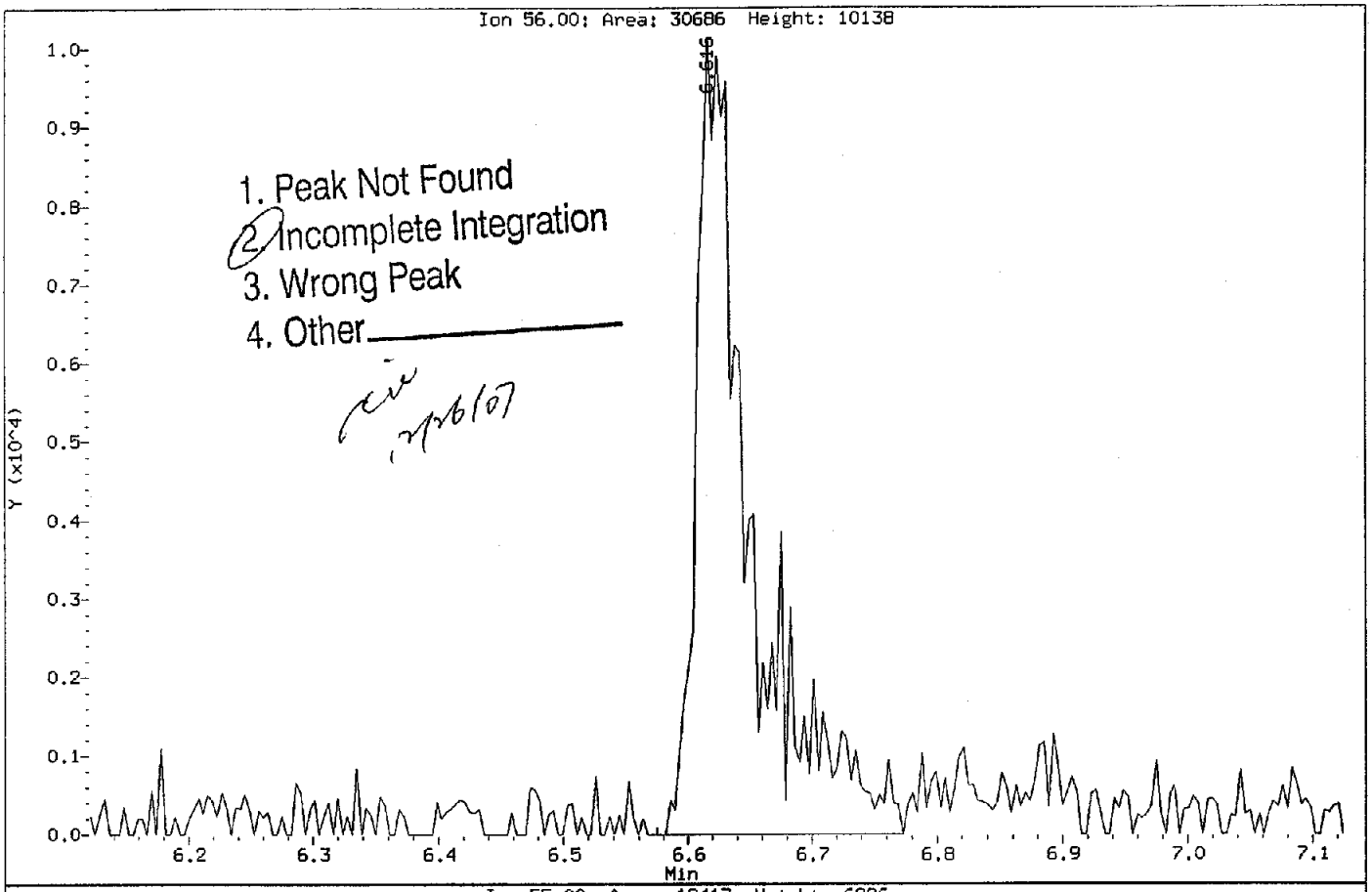
Date : 24-DEC-2007 12:08
Client ID: VLCSL359A
Sample Info: KERR91AC
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
Y (x10^6)
Min
-2-chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-Toluene-d8
-Toluene
-2-Nitro-Propane
-4-Methyl-2-pentanone
-trans-1,3-Dichloropropene+
-1,1,2-Trichloroethane
-Chlorodibromomethane+
-1,2-Dibromoethane+
-Ethylbenzene
-Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
-o-Xylene
-Styrene
-Bromoform+
-4-Bromofluorobenzene
-n-Propylbenzene
-Bromobenzene+
-1,3,5-Trimethylbenzene
-2-Chlorotoluene+
-4-Chlorotoluene+
-t-Butylbenzene
-1,2,4-Trimethylbenzene
-Pentachloroethane
-sec-Butylbenzene
-4-Isopropyltoluene
-1,3-Dichlorobenzene
-1,4 Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene
-Nonanal
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
-1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene
\\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D (Part 2 of 2)

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7454A.D
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: Acrolein
CAS Number: 107-02-8



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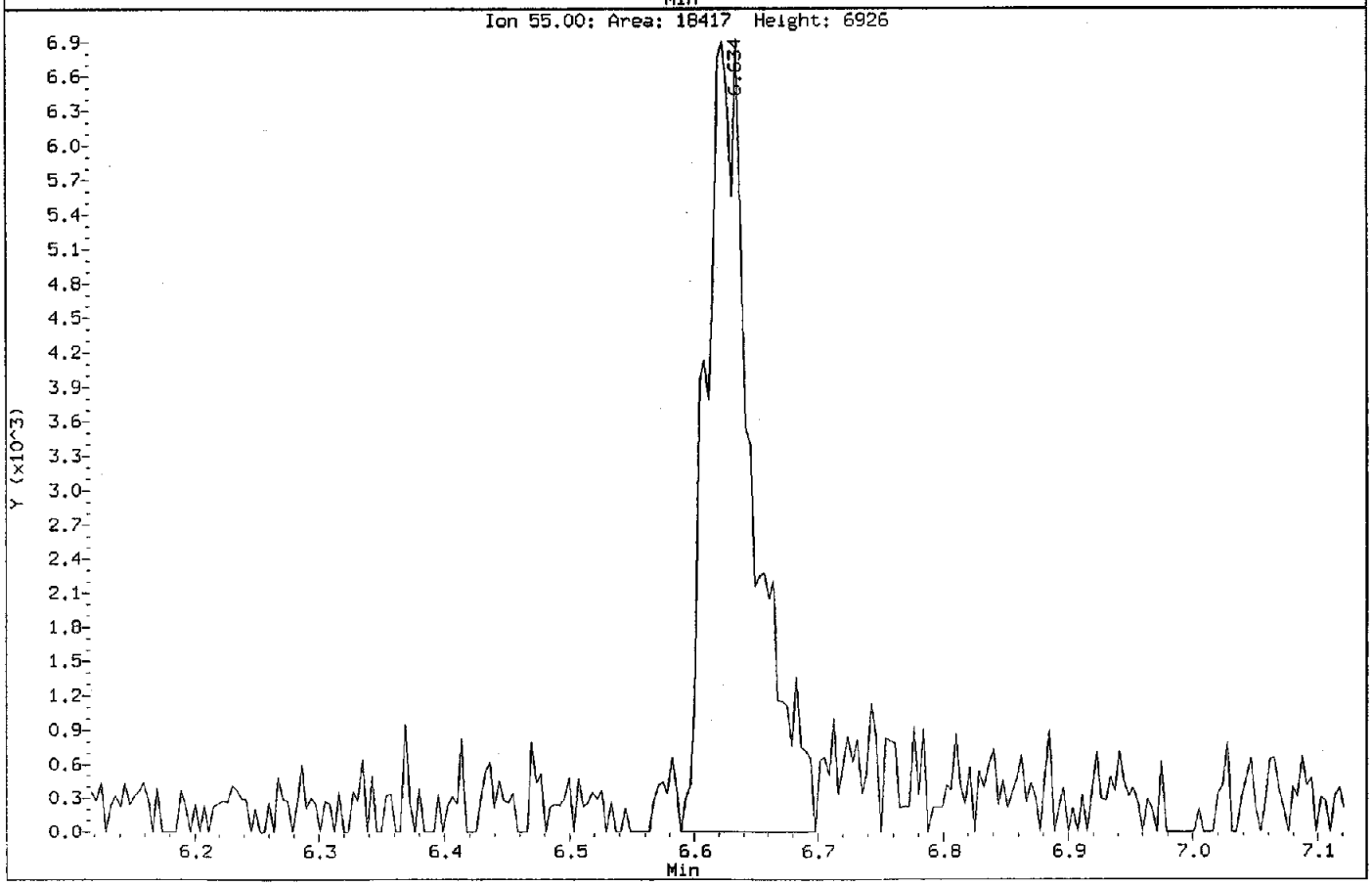
2. Incomplete Integration
3. Wrong Peak
4. Other _____



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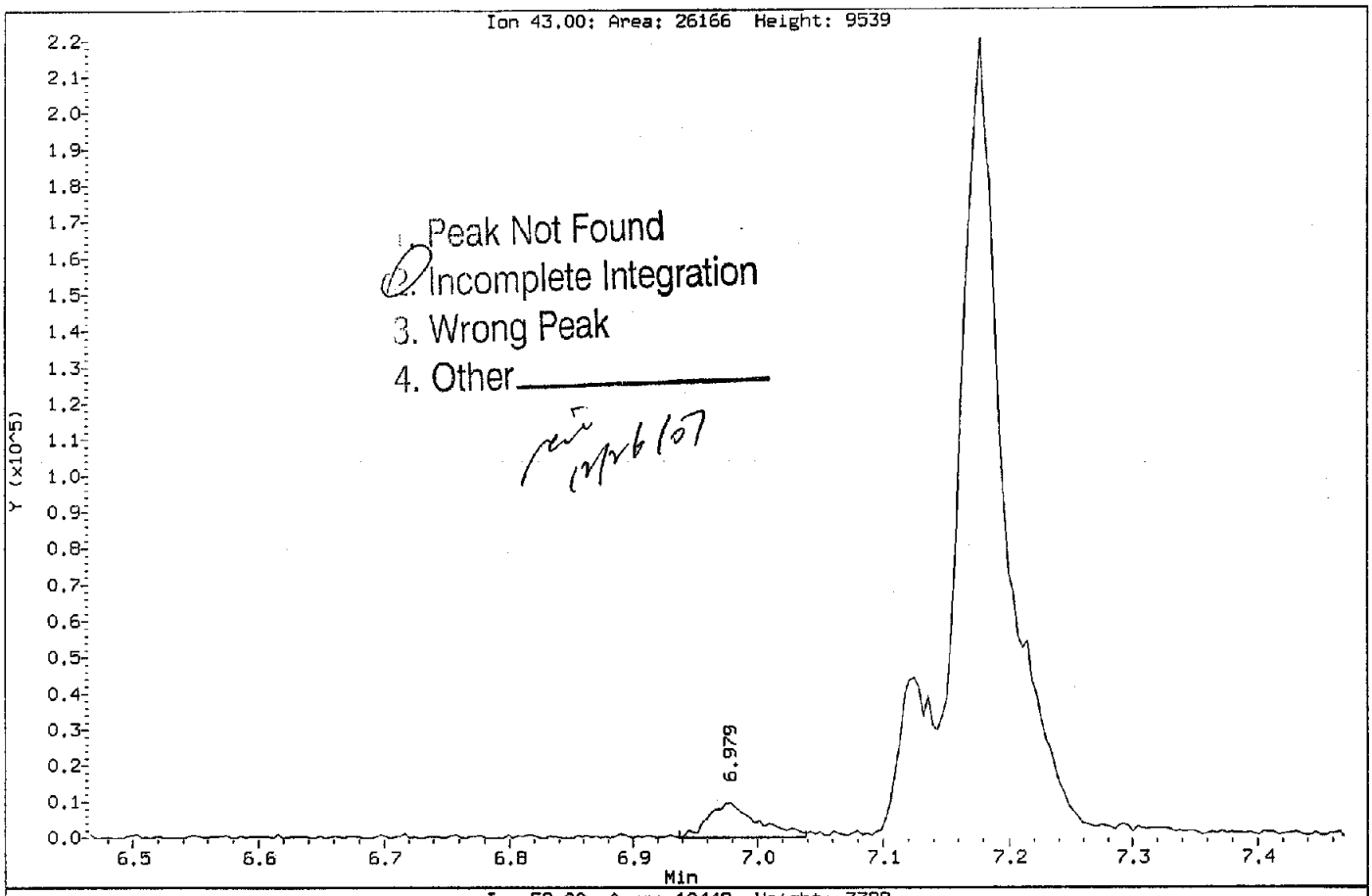
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: Acetone
CAS Number: 67-64-1



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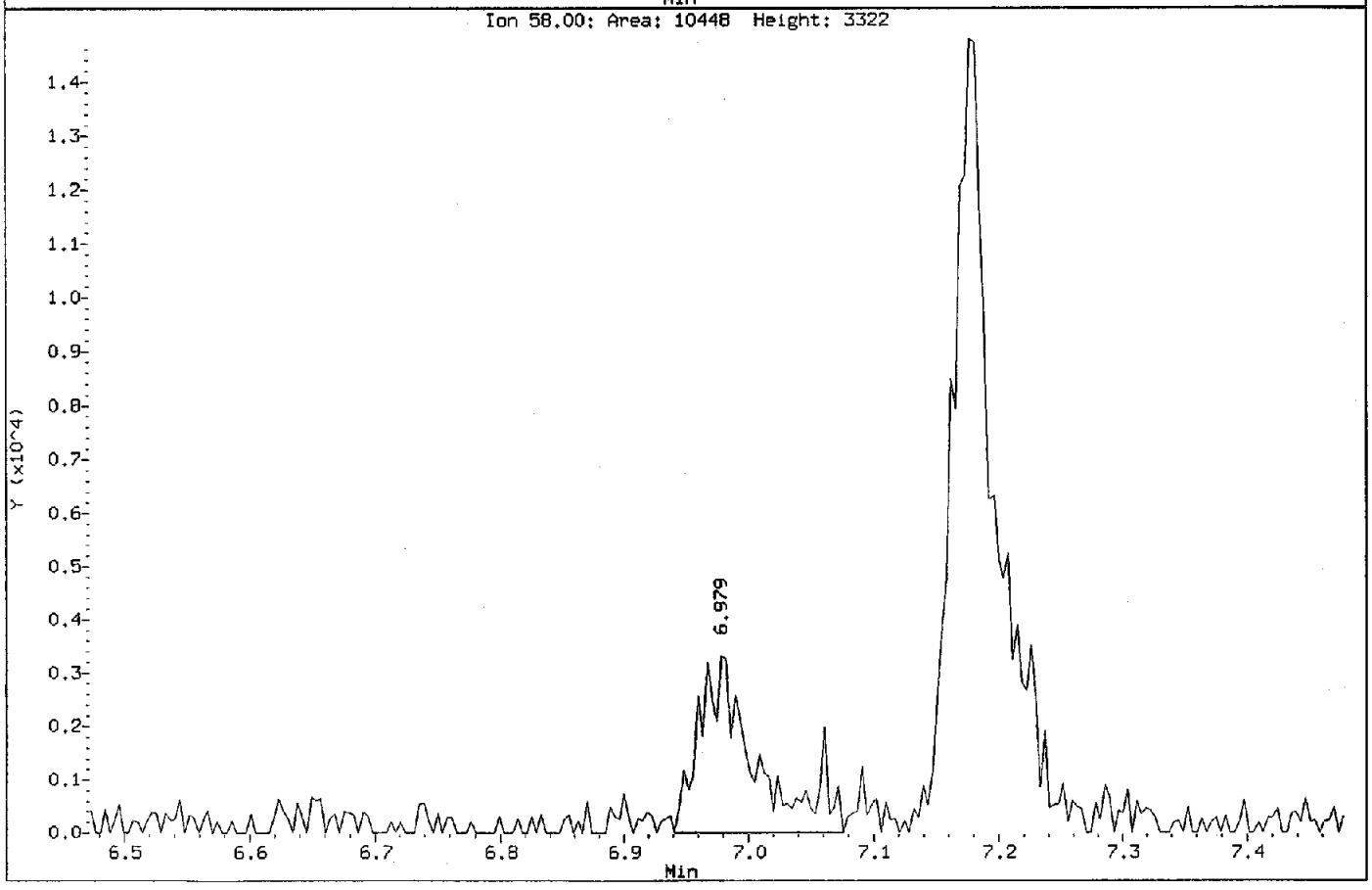

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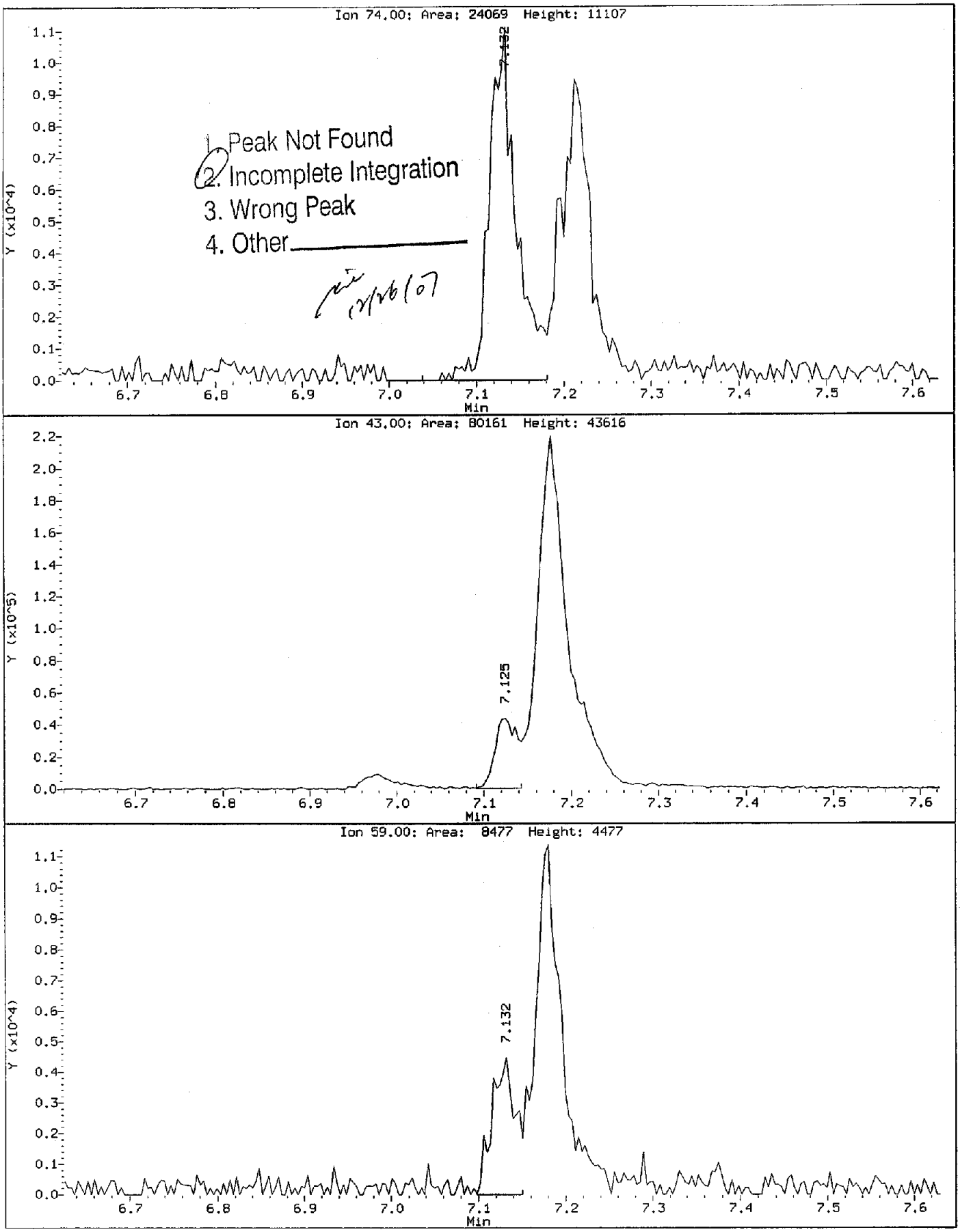
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: Methyl Acetate
CAS Number:



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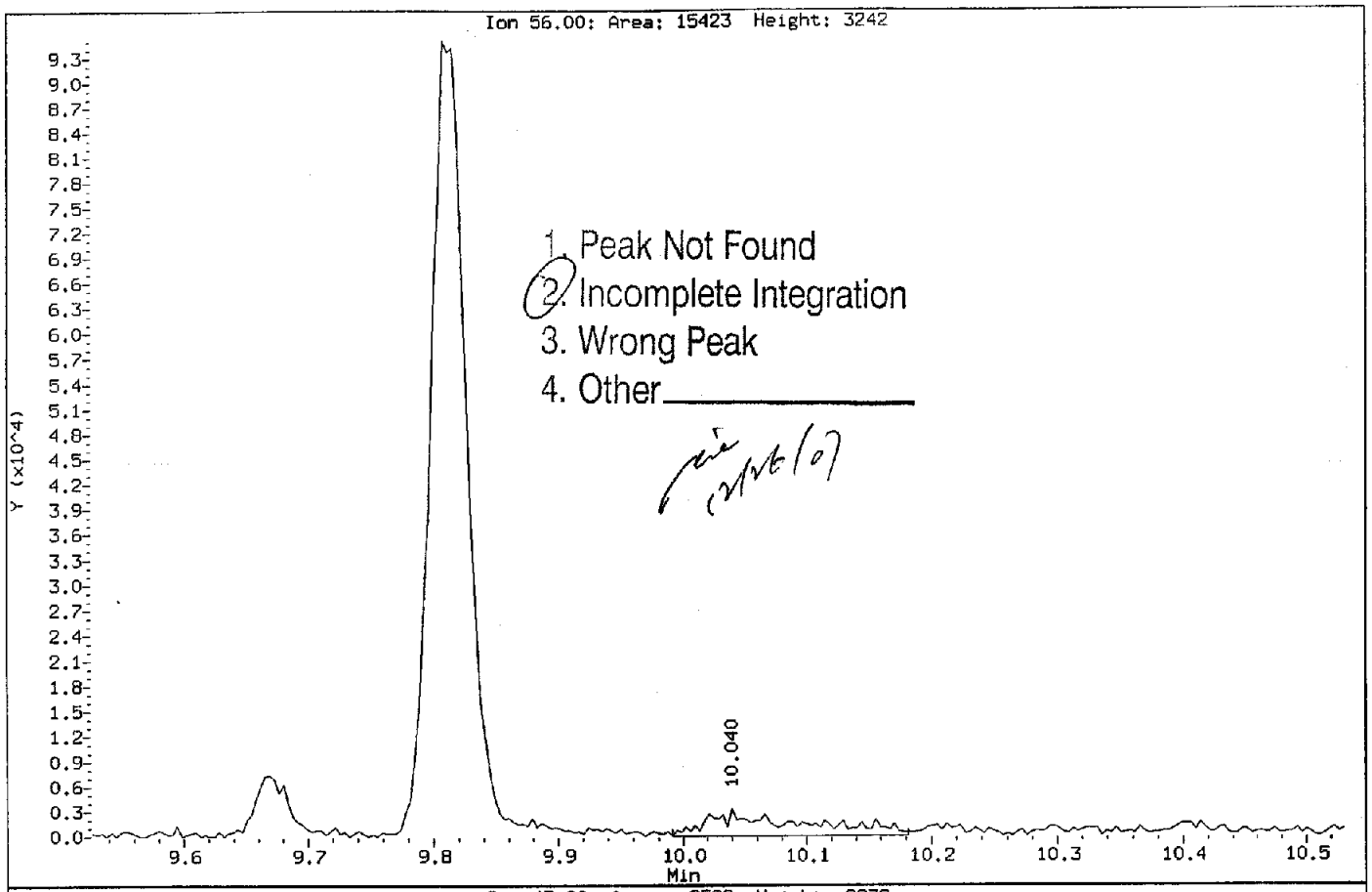
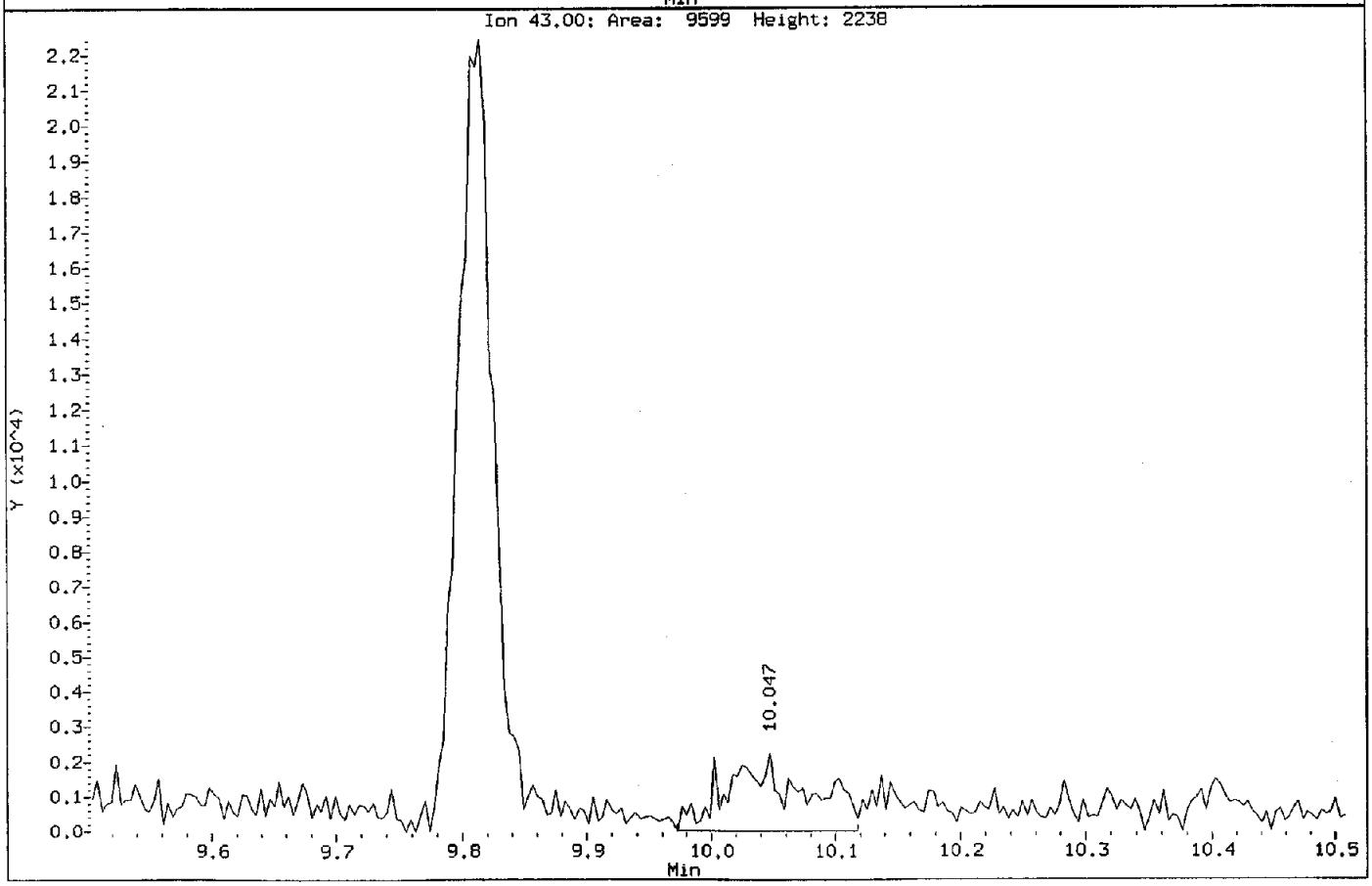
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: n-Butanol
CAS Number: 71-36-3





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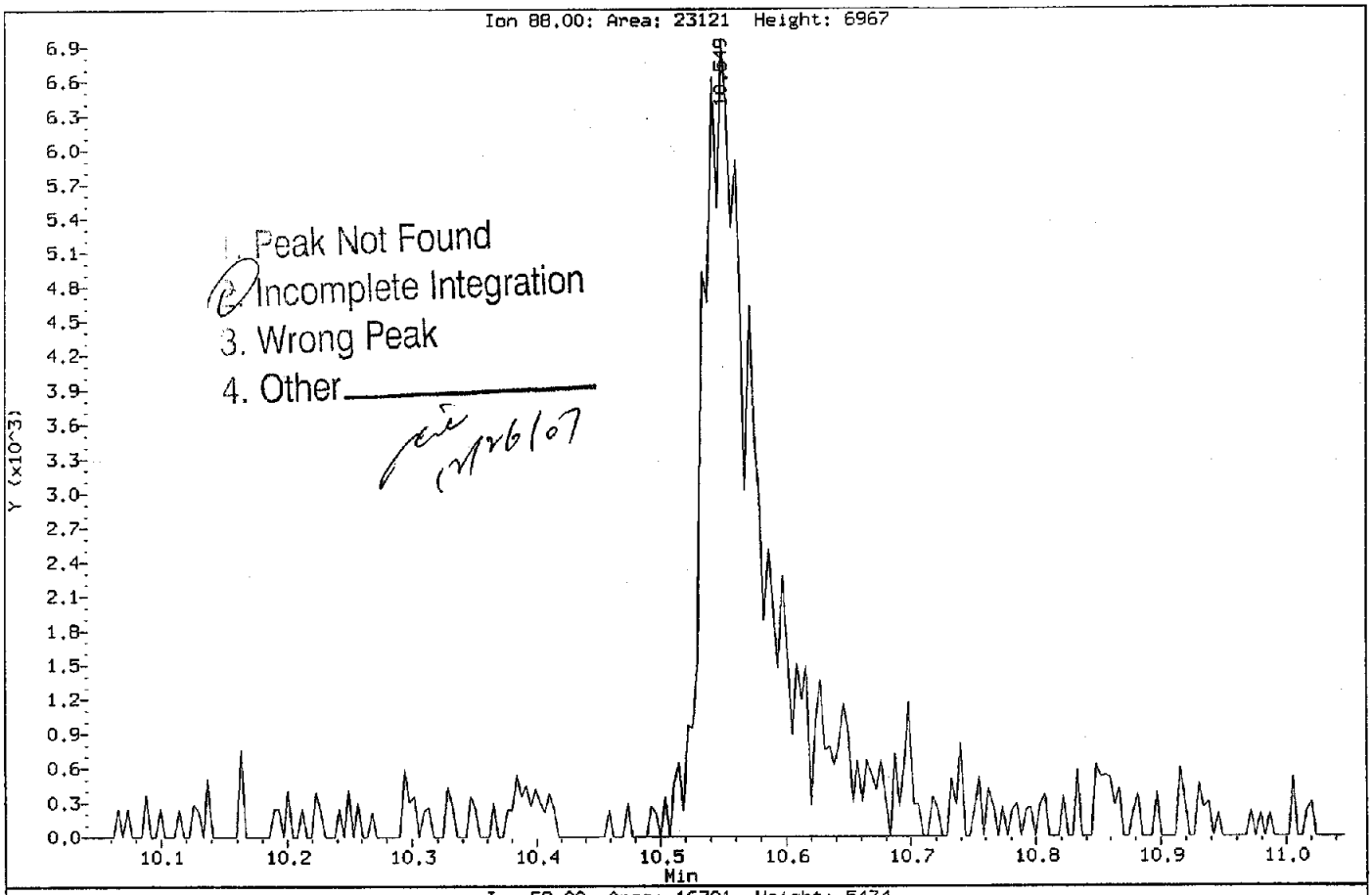
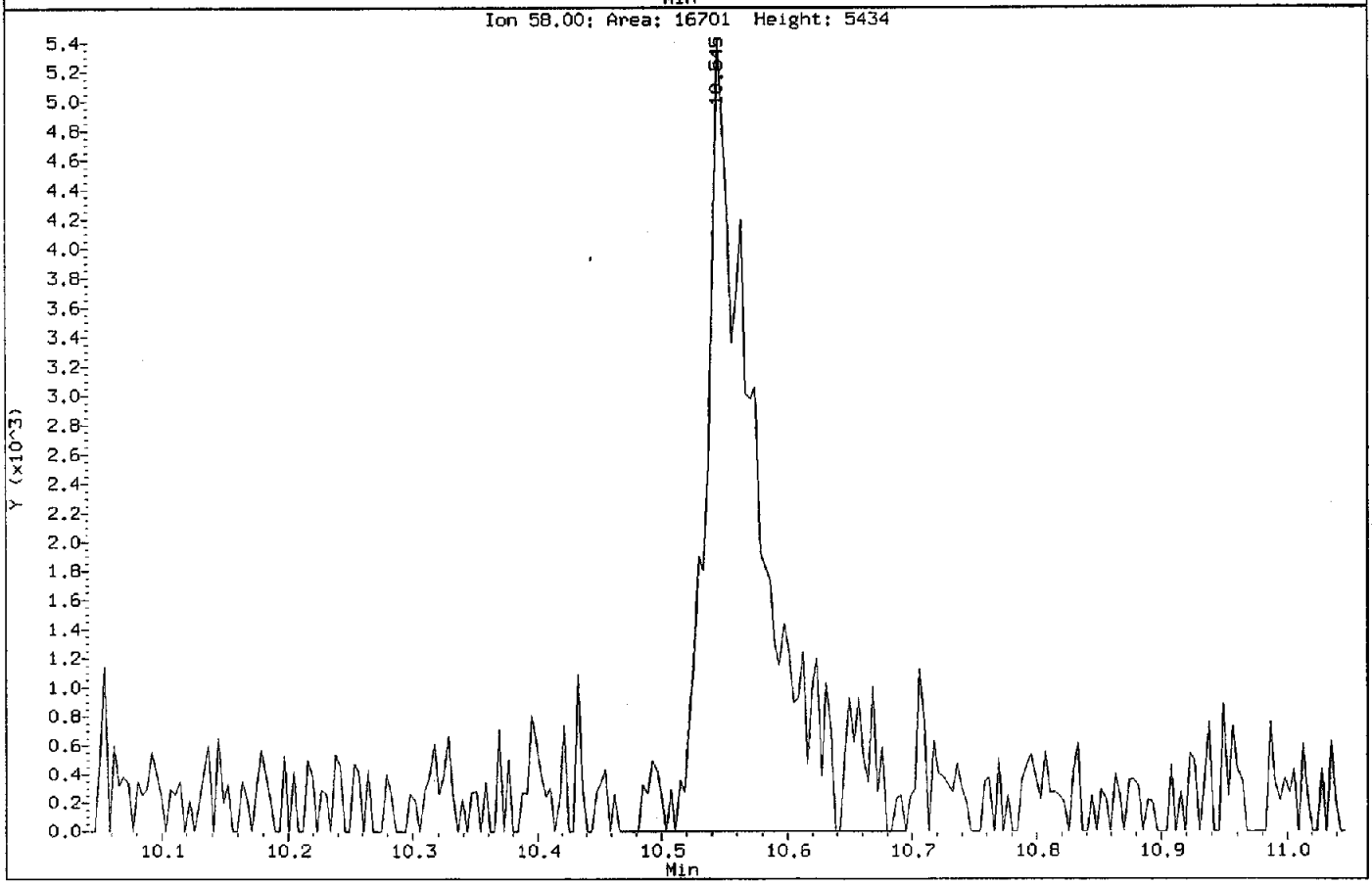
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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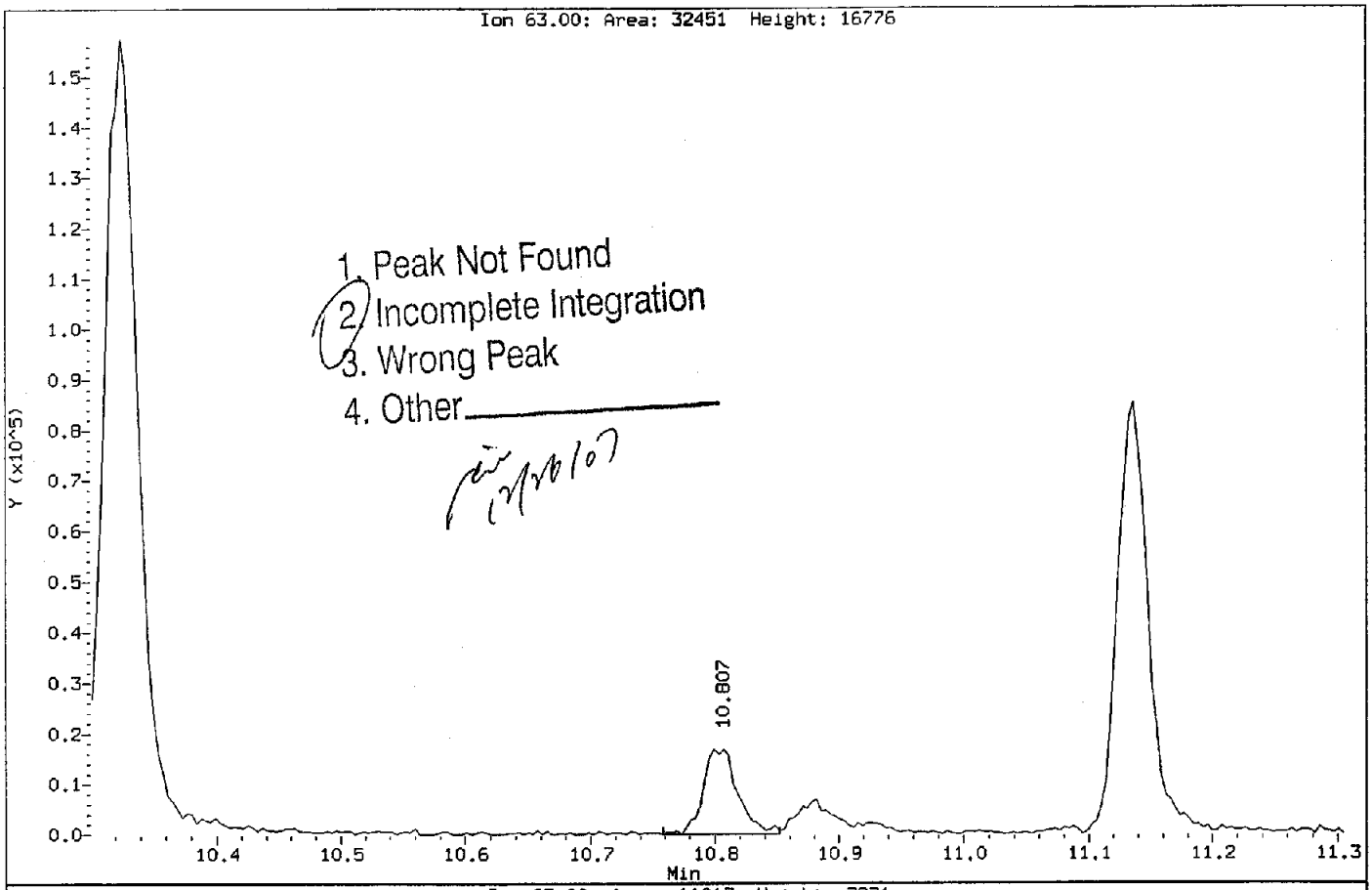
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: 2-chloroethyl vinyl ether
CAS Number: 110-75-8



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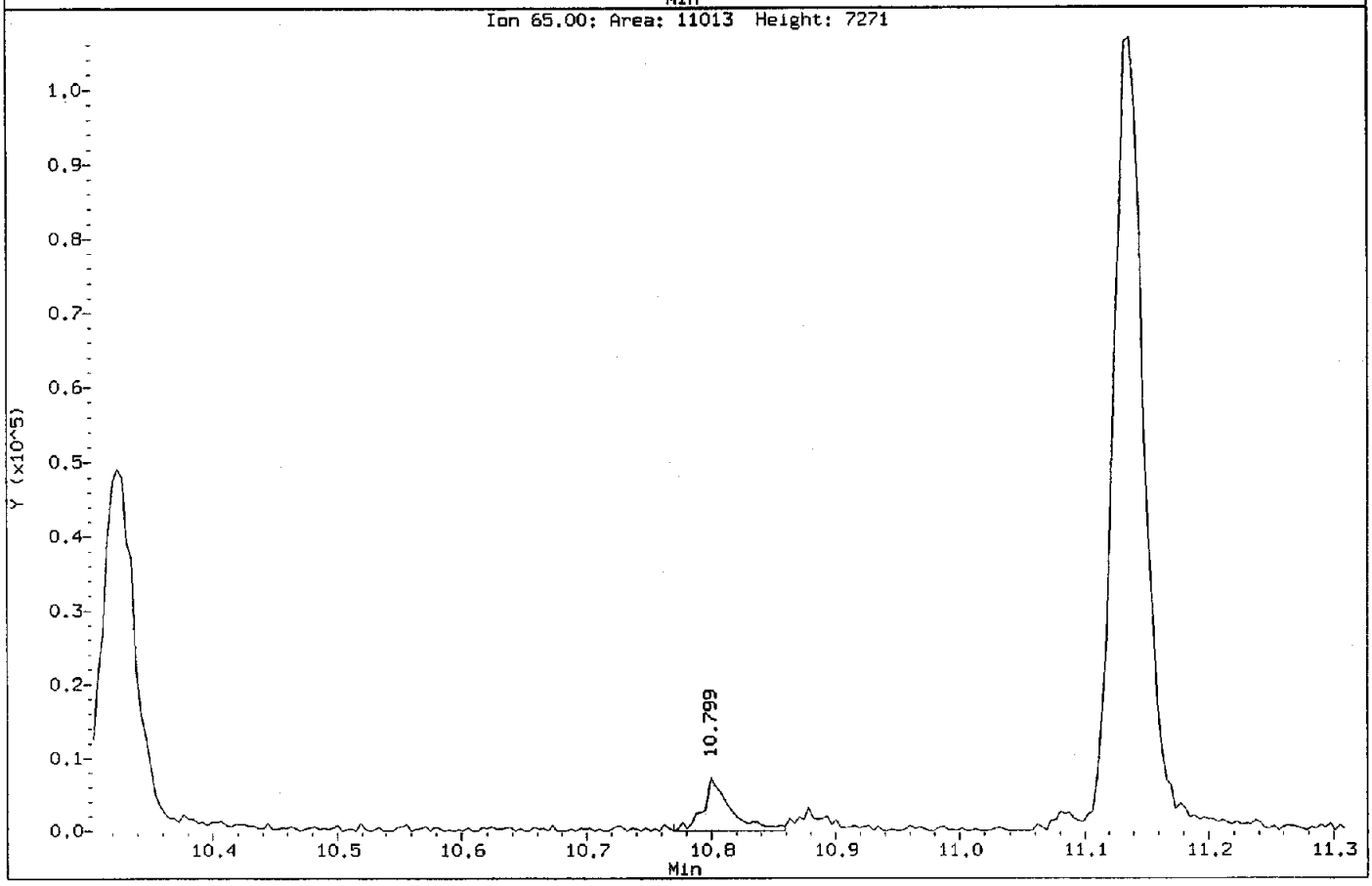
2. Incomplete Integration
3. Wrong Peak
4. Other _____

12/26/07



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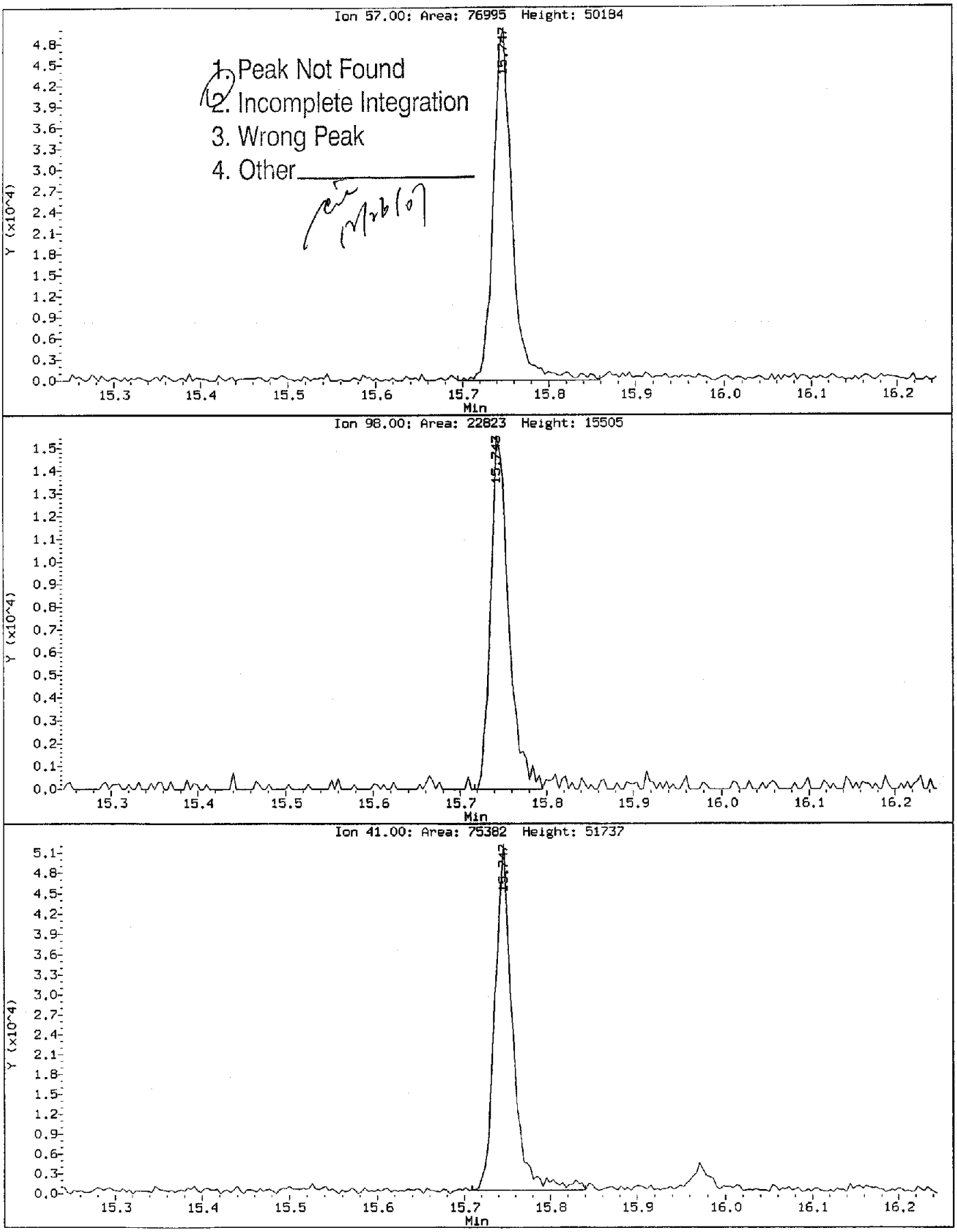
Injection Date: 24-DEC-2007 12:08
Instrument: MSL.i
Client Sample ID: VLCSL358A

Compound: Nonanal
CAS Number: 124-19-6



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Report Date: 26-Dec-2007 12:42

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7455A.D
Lab Smp Id: KERR91AD Client Smp ID: VLCSL358B
Inj Date : 24-DEC-2007 12:34
Operator : XIA Inst ID: MSL.i
Smp Info : KERR91AD
Misc Info : VBLKL358A;F7L2600000-149L;7360149
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Meth Date : 24-Dec-2007 15:54 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.460	3.464	(0.358)	421633	9.59257	9.592
2	Freon-114	135	3.745	3.741	(0.387)	182923	17.6873	17.69(R)
3	Chloromethane	50	3.902	3.898	(0.404)	708823	8.86945	8.869
4	Vinyl Chloride	62	4.097	4.097	(0.424)	656700	9.70636	9.706
5	Bromomethane	94	4.796	4.800	(0.496)	501330	11.7875	11.79
6	Chloroethane	64	5.032	5.032	(0.520)	335109	8.19699	8.197
7	Trichlorofluoromethane	101	5.283	5.279	(0.546)	549645	9.19697	9.197
8	Diethyl ether	59	5.792	5.792	(0.599)	277889	24.0491	24.05(R)
9	1,1-Dichloroethene	96	6.151	6.147	(0.636)	321988	9.82965	9.830
10	1,1,2-Trichlorofluoroethane	101	6.129	6.132	(0.634)	345045	10.4244	10.42
11	Carbon Disulfide	76	6.305	6.305	(0.652)	1118785	10.3937	10.39
12	Iodomethane	142	6.432	6.432	(0.665)	104765	9.15999	9.160
13	Acrolein	56	6.619	6.623	(0.685)	24072	41.6510	41.65
14	Allyl chloride	39	6.813	6.810	(0.705)	378265	10.2186	10.22
15	Methylene Chloride	84	6.963	6.967	(0.720)	331731	10.8577	10.86
16	Acetone	43	6.967	6.967	(0.721)	25516	8.79583	8.796(M)
17	trans-1,2-Dichloroethene	96	7.180	7.180	(0.743)	377661	9.58826	9.588
18	n-Hexane	57	7.176	7.177	(0.742)	783641	11.2701	11.27
19	Methyl Acetate	74	7.128	7.128	(0.737)	24058	8.19580	8.196(M)
20	MTBE	73	7.214	7.210	(0.746)	429279	12.0541	12.05
M 21	1,2-Dichloroethene (total)	96				726756	19.8893	19.89
22	Acetonitrile	41	7.566	7.562	(0.782)	39213	46.8165	46.82

12/26/07

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7455A.D
Report Date: 26-Dec-2007 12:42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.910	7.906	(0.818)	181166	59.8158	59.82
	24 1,1-Dichloroethane	63	7.876	7.869	(0.815)	673899	9.71199	9.712
	25 2-Chloro-1,3-butadiene	53	7.843	7.843	(0.811)	557895	9.98348	9.983
	26 Vinyl acetate	43	8.082	8.078	(0.836)	237995	13.5510	13.55(R)
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	349095	10.3011	10.30
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	553729	9.57107	9.571
	29 Bromochloromethane	128	8.700	8.692	(0.900)	84144	10.6967	10.70
	30 Cyclohexane	84	8.662	8.666	(0.896)	646385	10.6182	10.62
	31 Chloroform	83	8.707	8.707	(0.901)	583151	10.2623	10.26
	32 Ethyl acetate	43	8.748	8.752	(0.905)	96486	58.4520	58.45(R)
	33 Carbon Tetrachloride	117	8.898	8.894	(0.920)	494703	10.6536	10.65
	34 Isobutanol	42	8.898	8.891	(0.920)	117406	221.899	221.9
	35 Tetrahydrofuran	71	8.894	8.891	(0.920)	45978	58.2053	58.20
$	36 Dibromofluoromethane	113	8.902	8.905	(0.921)	224833	11.0466	11.05
	37 1,1,1-Trichloroethane	97	8.932	8.932	(0.924)	550891	9.86127	9.861
	38 2-Butanone	43	8.965	8.962	(0.927)	25706	9.36528	9.365(M)
	39 1,1-Dichloropropene	75	9.048	9.048	(0.936)	530918	9.80511	9.805
	40 Benzene	78	9.313	9.313	(0.963)	1570825	9.88983	9.890
	41 Propionitrile	54	9.276	9.272	(0.959)	53548	55.3567	55.36
	42 Methacrylonitrile	41	9.283	9.283	(0.960)	332063	75.1230	75.12(R)
$	43 1,2-Dichloroethane-d4	65	9.441	9.441	(0.976)	168373	10.5196	10.52
	44 1,2-Dichloroethane	62	9.512	9.512	(0.984)	222551	10.4353	10.44
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	1372860	10.0000	
	46 n-Butanol	56	10.073	10.028	(1.042)	10010	89.8226	89.82(M)
	47 Methylcyclohexane	55	9.815	9.811	(1.015)	585073	10.1506	10.15
	48 Trichloroethene	130	9.852	9.852	(1.019)	385350	10.0171	10.02
	49 Dibromomethane	93	10.309	10.313	(1.066)	72960	10.6184	10.62
	50 1,2-Dichloropropane	63	10.324	10.320	(1.068)	318703	10.5880	10.59
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	319279	11.0534	11.05
M	52 Xylenes (total)	106				2124603	28.9410	28.94
	53 Methyl methacrylate	69	10.406	10.399	(1.076)	68792	12.1571	12.16
	54 1,4-Dioxane	88	10.544	10.545	(1.091)	22096	143.025	143.0(RM)
	55 2-chloroethyl vinyl ether	63	10.799	10.803	(1.117)	33613	9.02805	9.028
	56 cis-1,3-Dichloropropene	75	10.926	10.930	(1.130)	334965	11.2303	11.23
$	57 Toluene-d8	98	11.083	11.083	(0.885)	1235998	9.91657	9.916
	58 Toluene	91	11.136	11.136	(0.889)	1651951	9.45521	9.455
	59 2-Nitro-Propane	43	11.300	11.304	(0.902)	50196	10.6490	10.65
	60 4-Methyl-2-pentanone	43	11.357	11.360	(0.907)	84578	11.4073	11.41
	61 trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	218887	10.5240	10.52
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	280468	9.63814	9.638
	63 Ethyl methacrylate	69	11.502	11.506	(0.918)	146114	9.87238	9.872
	64 1,1,2-Trichloroethane	97	11.660	11.656	(0.931)	132569	10.2778	10.28
	65 Chlorodibromomethane	129	11.892	11.892	(0.949)	140803	11.3564	11.36
	66 1,3-Dichloropropane	76	11.910	11.911	(0.951)	257643	10.8473	10.85
	67 1,2-Dibromoethane	107	12.146	12.146	(0.970)	97067	10.5848	10.58
	68 2-Hexanone	43	12.112	12.116	(0.967)	40346	9.27230	9.272
	69 Ethylbenzene	106	12.502	12.498	(0.998)	593599	9.46221	9.462
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	833616	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	894017	9.99943	9.999
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.584	(1.004)	248249	10.3688	10.37
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1506110	19.0218	19.02
	74 o-Xylene	106	13.033	13.033	(1.040)	618493	9.91917	9.919
	75 Styrene	104	13.089	13.089	(1.045)	857909	9.41748	9.417
	76 Bromoform	173	13.258	13.258	(0.901)	61438	11.7028	11.70

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7455A.D
Report Date: 26-Dec-2007 12:42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	77 Isopropylbenzene	105	13.291	13.291	(0.903)	1606255	8.71486	8.715
$	78 4-Bromofluorobenzene	95	13.647	13.647	(0.927)	308583	9.62205	9.622
	79 n-Propylbenzene	91	13.680	13.681	(0.929)	2275224	8.86391	8.864
	80 Bromobenzene	156	13.789	13.793	(0.937)	256594	9.83310	9.833
	81 1,1,2,2-Tetrachloroethane	83	13.759	13.763	(0.935)	135201	10.2016	10.20
	82 1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1413888	9.05711	9.057
	83 2-Chlorotoluene	91	13.909	13.909	(0.945)	1103929	9.01119	9.011
	84 1,2,3-Trichloropropane	110	13.931	13.939	(0.946)	37174	10.8520	10.85
	85 trans-1,4-dichloro-2-butene	53	13.935	13.931	(0.947)	35346	11.2992	11.30
	86 4-Chlorotoluene	91	14.047	14.047	(0.954)	1067926	9.33133	9.331
	87 Cyclohexanone	55	14.006	14.006	(0.951)	27587	73.9526	73.95
	88 t-Butylbenzene	119	14.159	14.160	(0.962)	1246895	8.93796	8.938
	89 Pentachloroethane	167	14.272	14.279	(0.969)	142764	11.0612	11.06
	90 1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1414947	9.34863	9.349
	91 sec-Butylbenzene	105	14.328	14.328	(0.973)	2035264	8.88899	8.889
	92 4-Isopropyltoluene	119	14.436	14.437	(0.981)	1591832	9.15831	9.158
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	574427	9.55863	9.559
*	94 1,4 Dichlorobenzene-d4	152	14.721	14.725	(1.000)	326363	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	566342	9.55673	9.557
	96 n-Butylbenzene	91	14.856	14.859	(1.009)	1676184	9.05722	9.057
	98 1,2-Dichlorobenzene	146	15.162	15.166	(1.030)	438754	9.86858	9.868
	99 1,2-Dibromo-3-chloropropane	157	15.967	15.978	(1.085)	15193	10.7474	10.75(M)
	100 Hexachlorobutadiene	225	16.558	16.555	(1.125)	170099	9.73007	9.730
	101 1,2,4-Trichlorobenzene	180	16.674	16.682	(1.133)	244351	12.1826	12.18(R)
	102 Naphthalene	128	17.071	17.079	(1.160)	288256	12.4530	12.45
	103 1,2,3-Trichlorobenzene	180	17.288	17.296	(1.174)	154047	13.7209	13.72(R)
	143 Nonanal	57	15.746	15.743	(1.629)	80023	7.59040	7.590(M)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7455A.D
Report Date: 26-Dec-2007 12:42

STL St. Louis

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

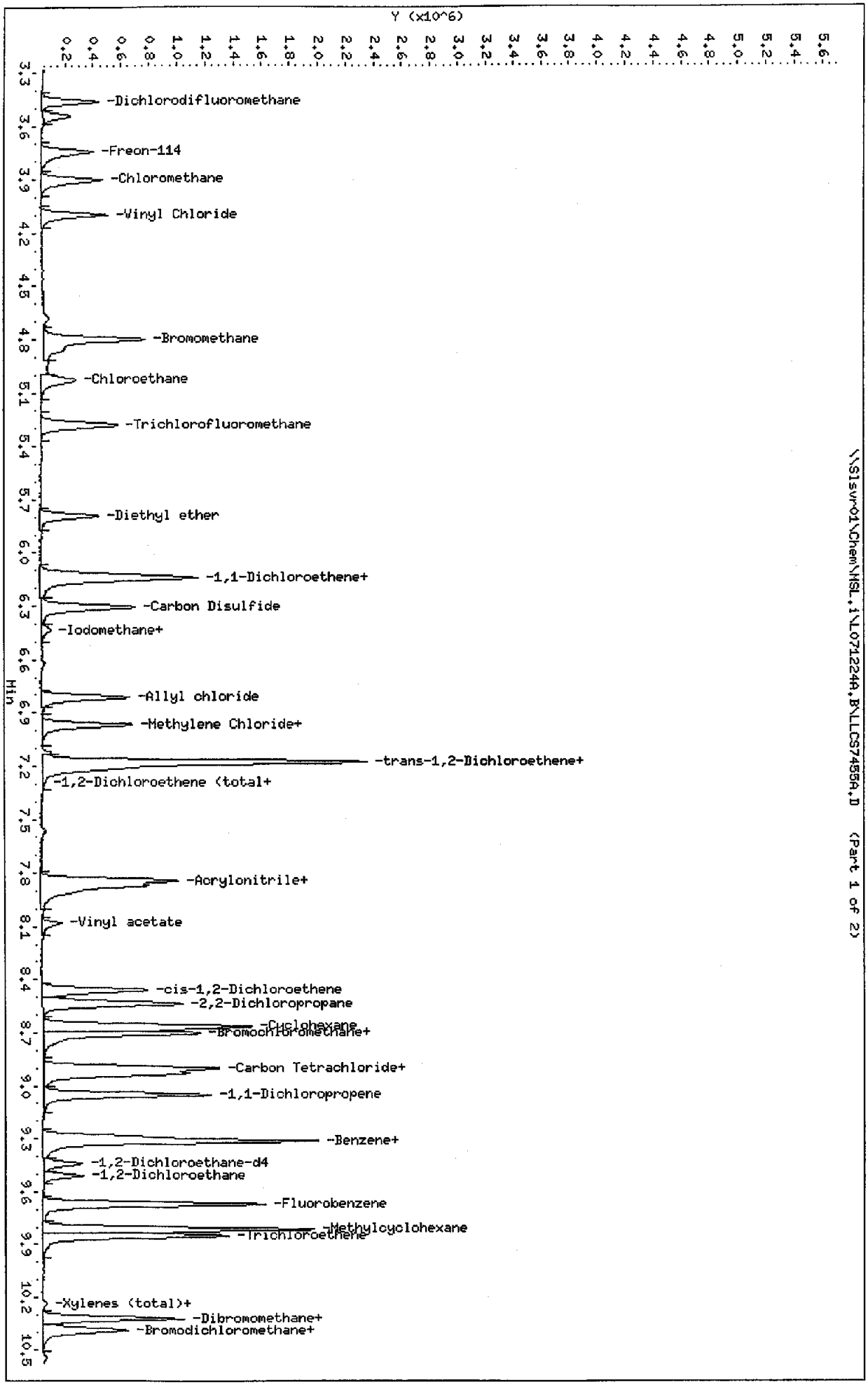
Instrument ID: MSL.i
Lab File ID: LLCS7455A.D
Lab Smp Id: KERR91AD
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071224A.B\8260C-25LLW40.m
Misc Info: VBLKL358A;F7L2600000-149L;7360149

Calibration Date: 24-DEC-2007
Calibration Time: 10:49
Client Smp ID: VLCSL358B
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1203114	601557	2406228	1372860	14.11
70 Chlorobenzene-d5	752404	376202	1504808	833616	10.79
94 1,4 Dichlorobenze	317211	158606	634422	326363	2.89

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.73	14.23	15.23	14.72	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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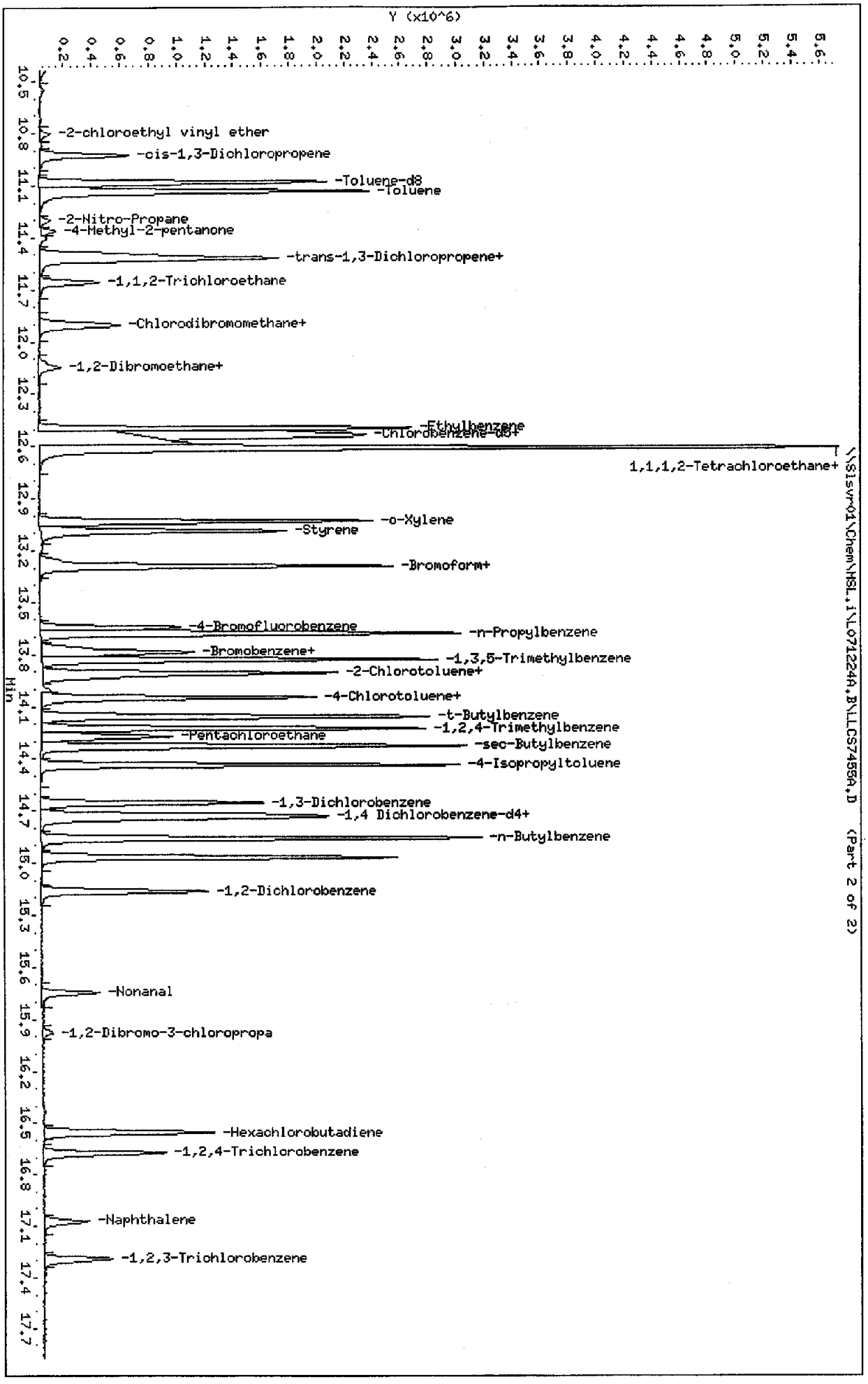
Client ID: VLCSL388B
Sample Info: KERR91AD
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\LO71224A.B\LLCS7455A.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane+
-Allyl chloride
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene
-Xylenes (total)+
-Dibromomethane+
-Bromodichloromethane+



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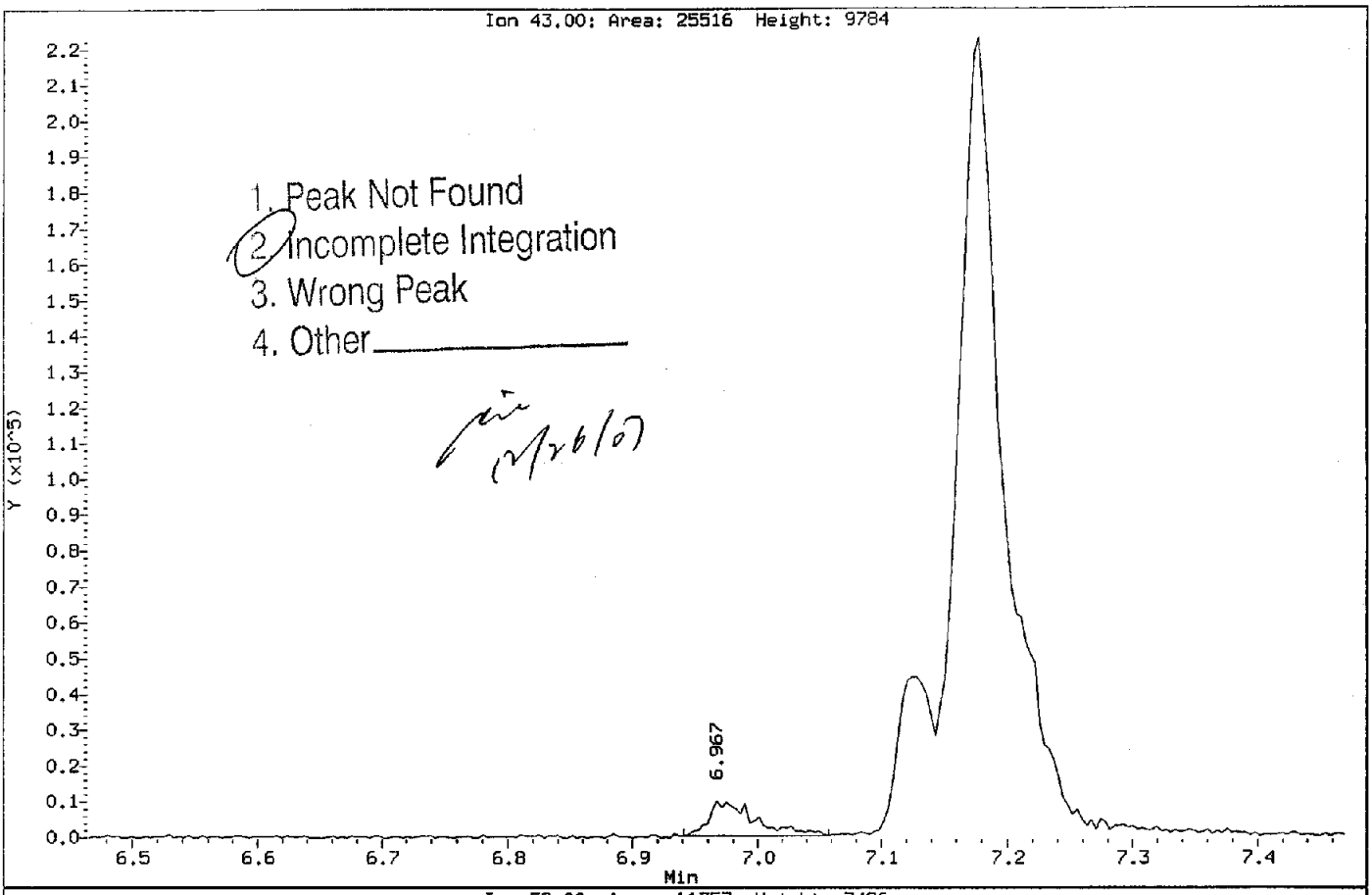
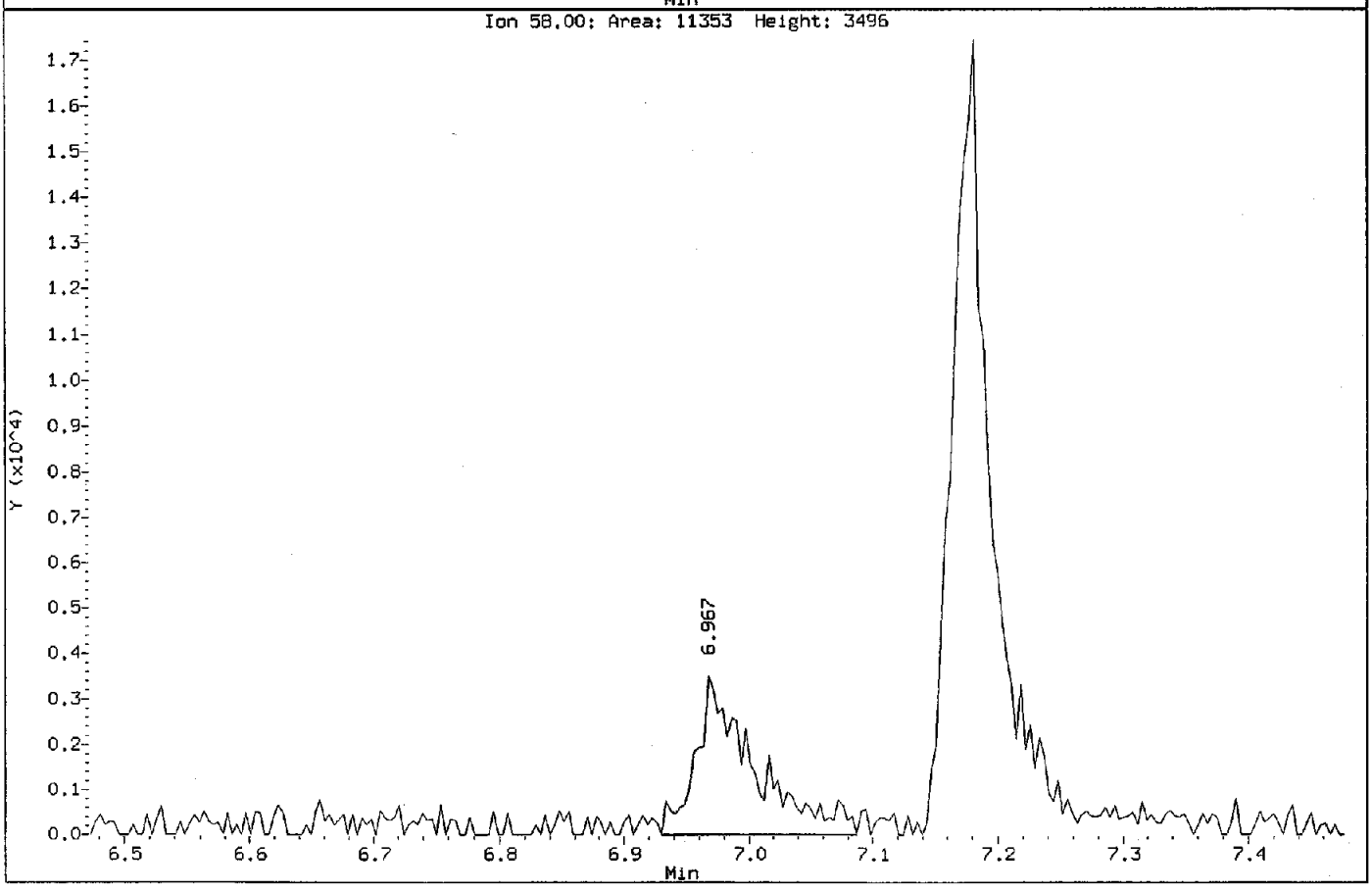
Date : 24-DEC-2007 12:34
Client ID: WLCSL358B
Sample Info: KERR91AD
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071224A.B\LLCS7455A.D
Injection Date: 24-DEC-2007 12:34
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: Acetone
CAS Number: 67-64-1





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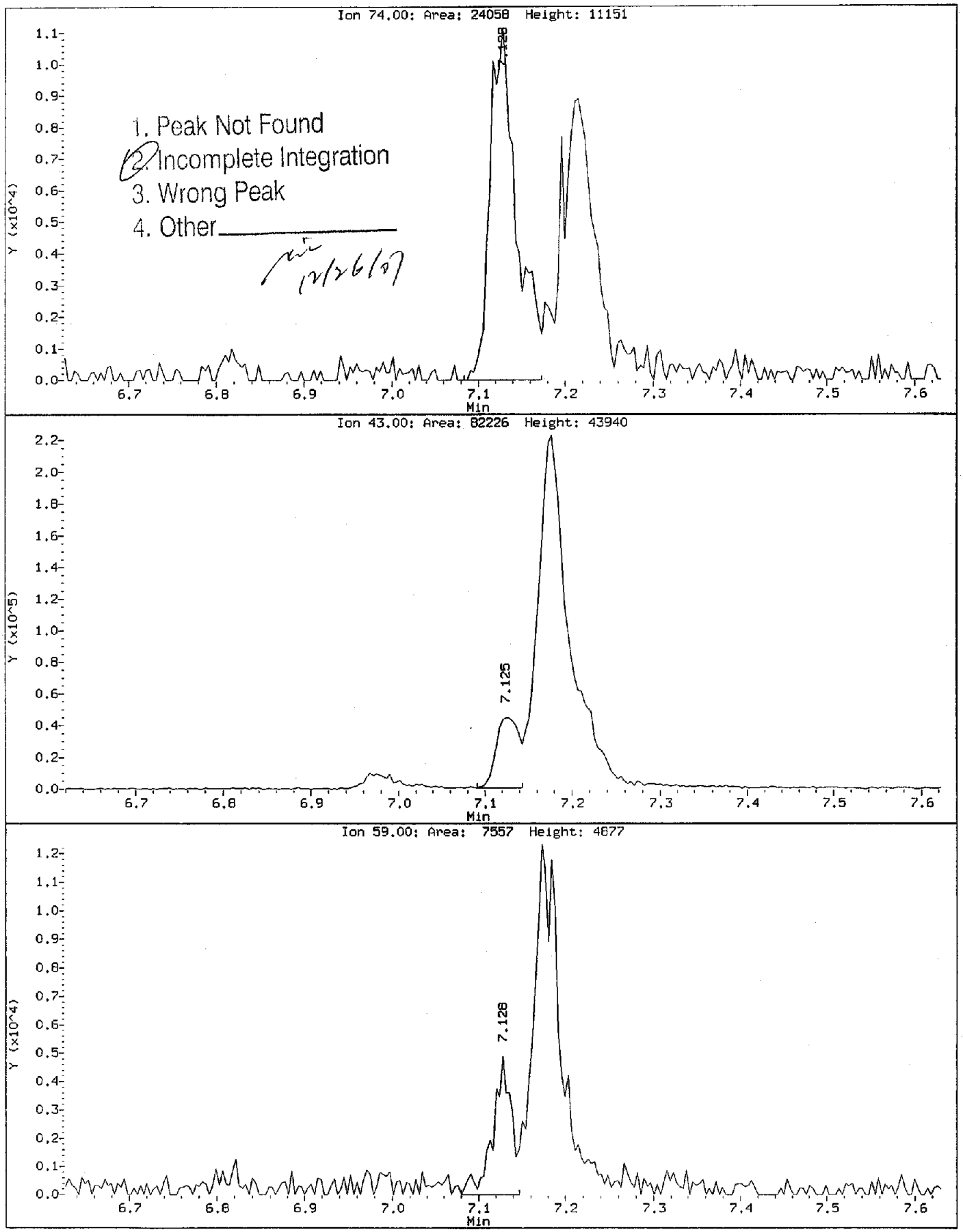
Injection Date: 24-DEC-2007 12:34
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: Methyl Acetate
CAS Number:



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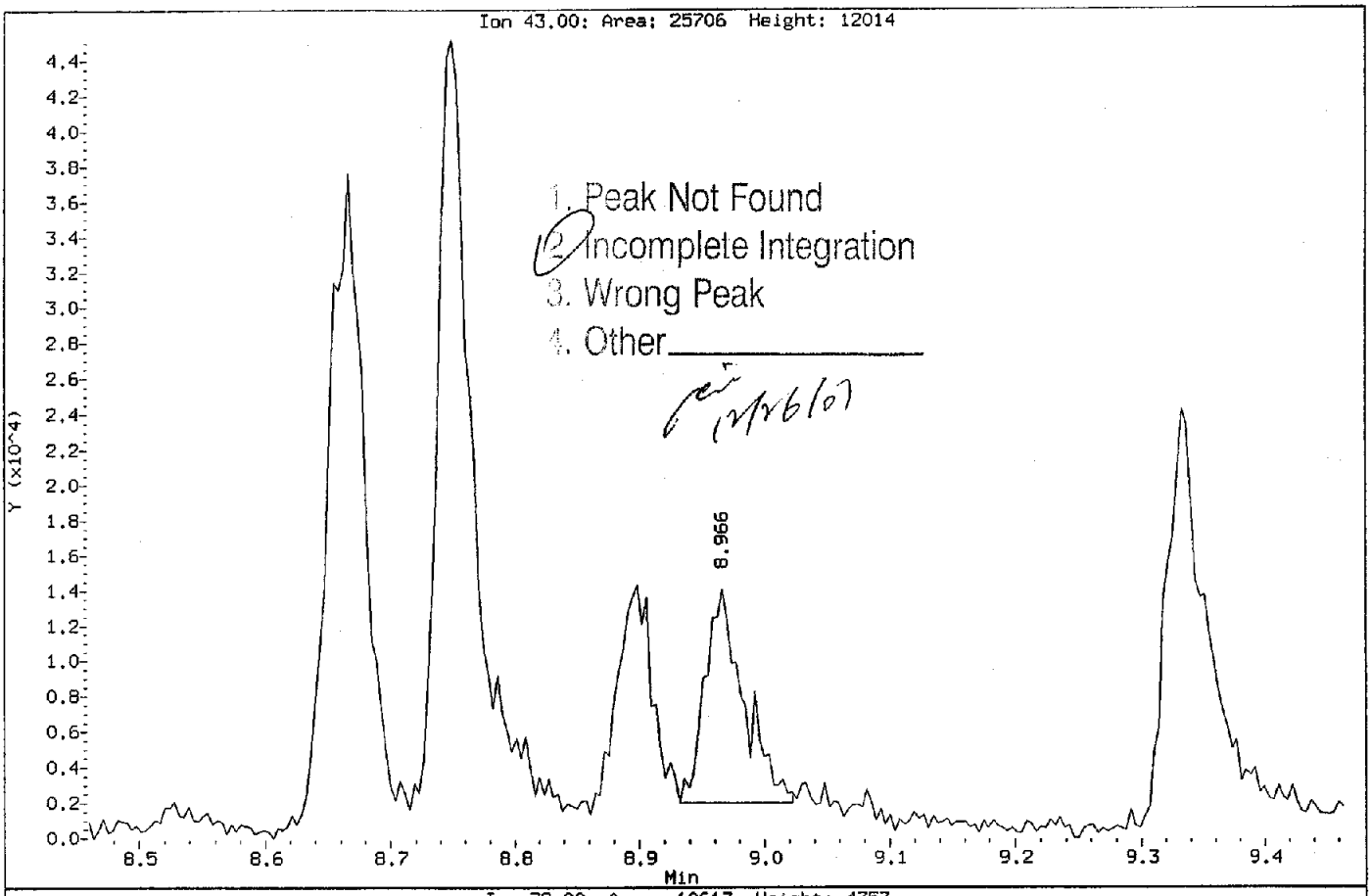
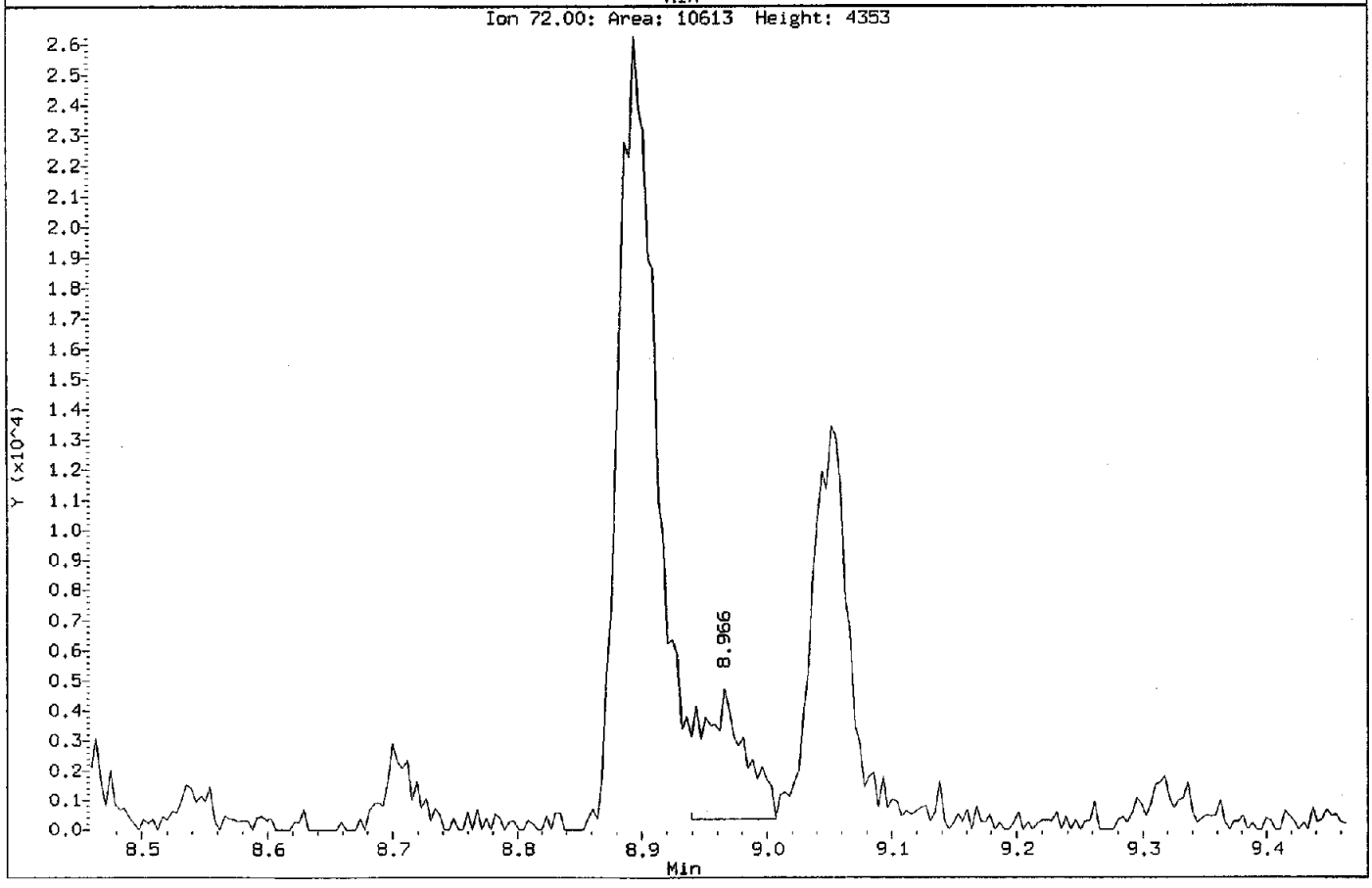
Injection Date: 24-DEC-2007 12:34
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: 2-Butanone
CAS Number: 78-93-3





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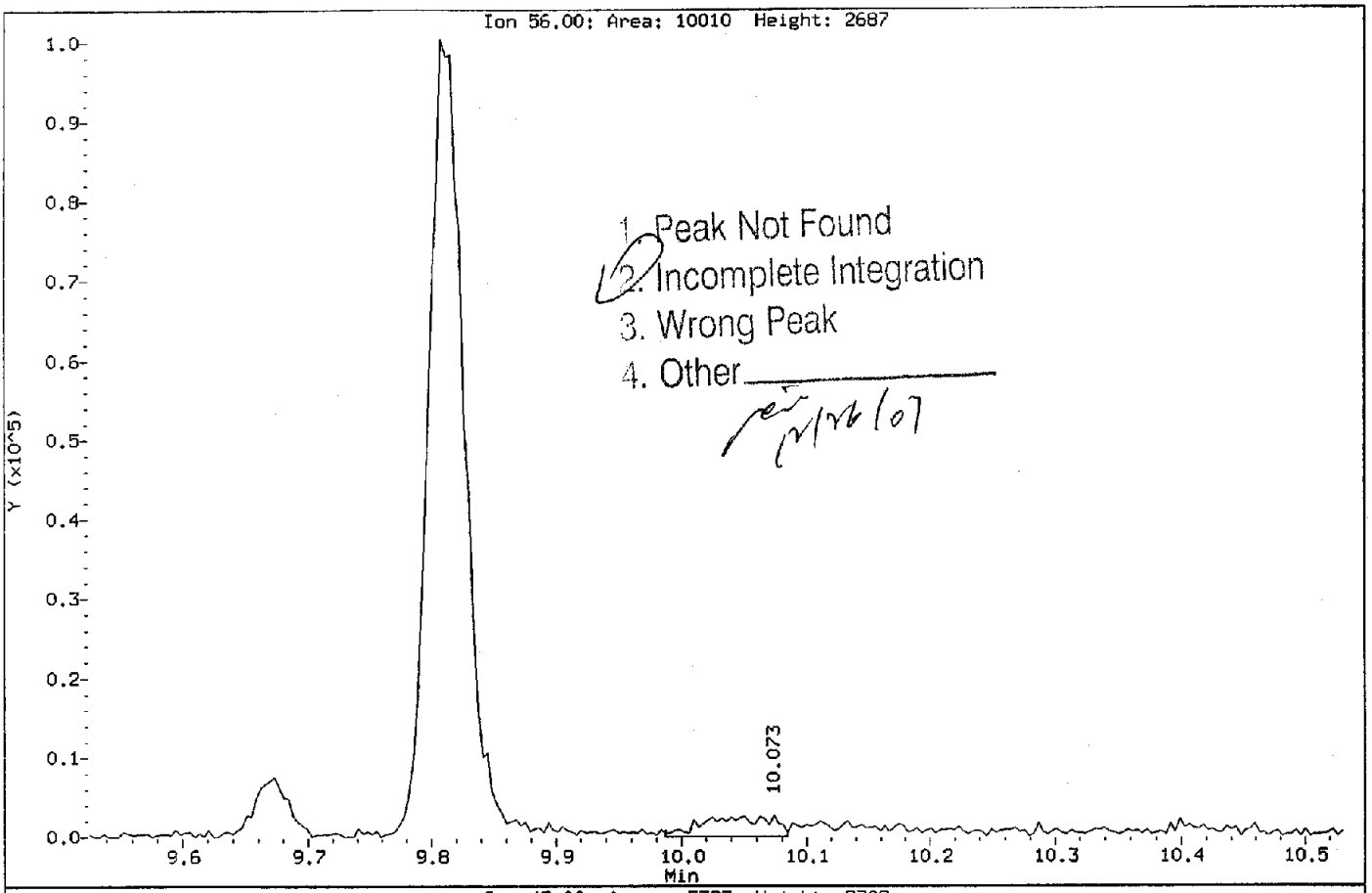
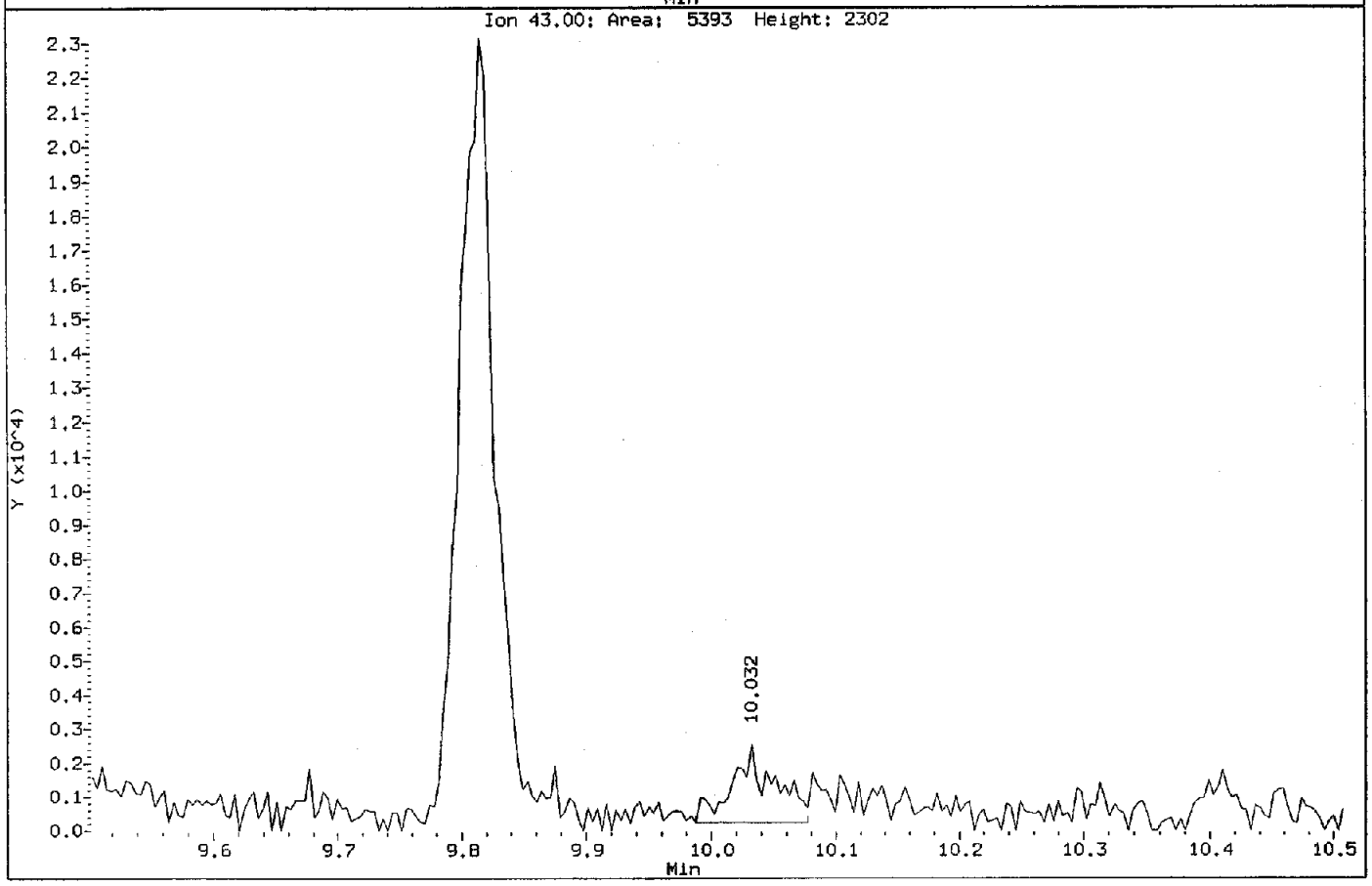
Injection Date: 24-DEC-2007 12:34
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: n-Butanol
CAS Number: 71-36-3





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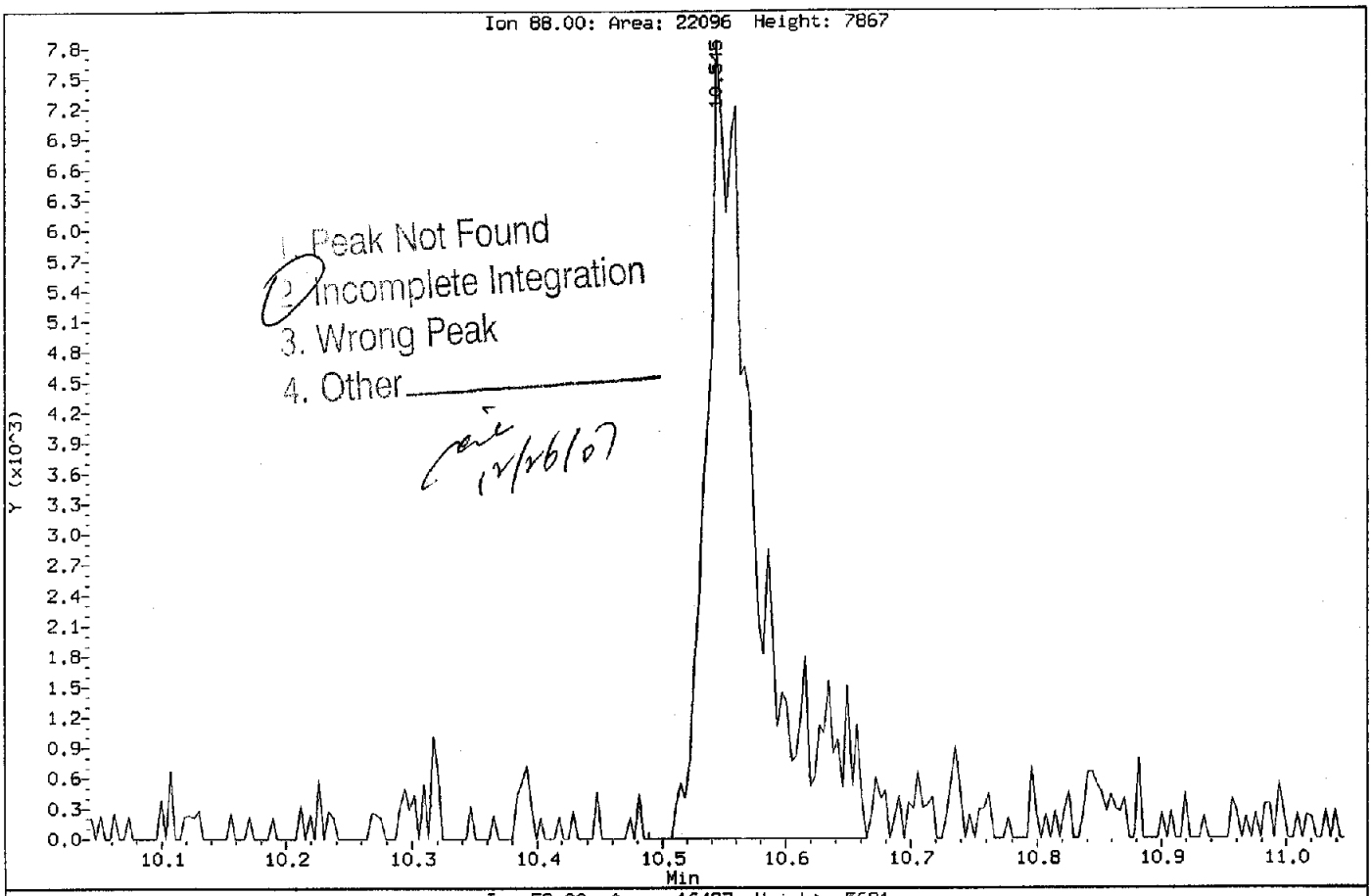
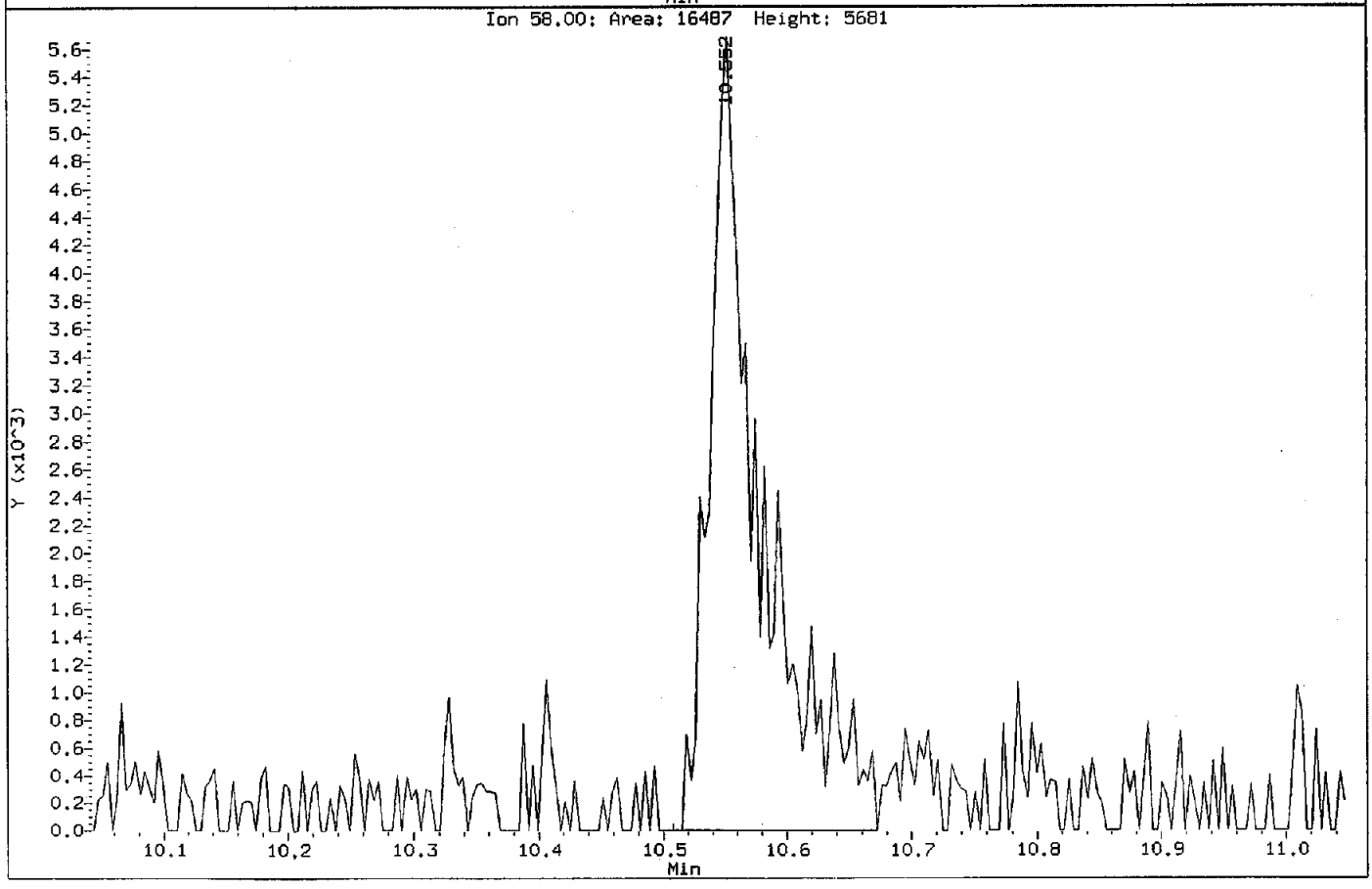
Injection Date: 24-DEC-2007 12:34
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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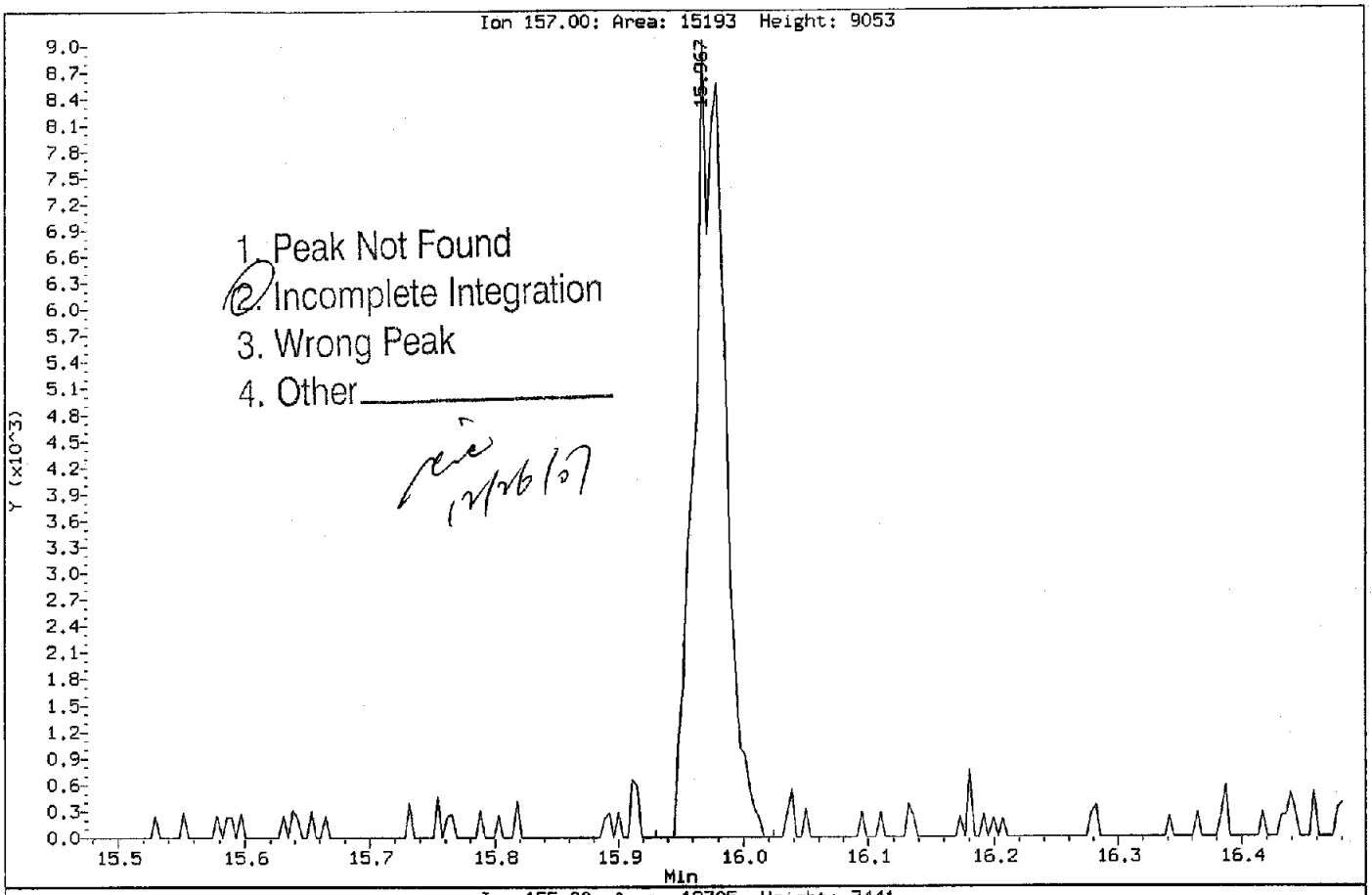
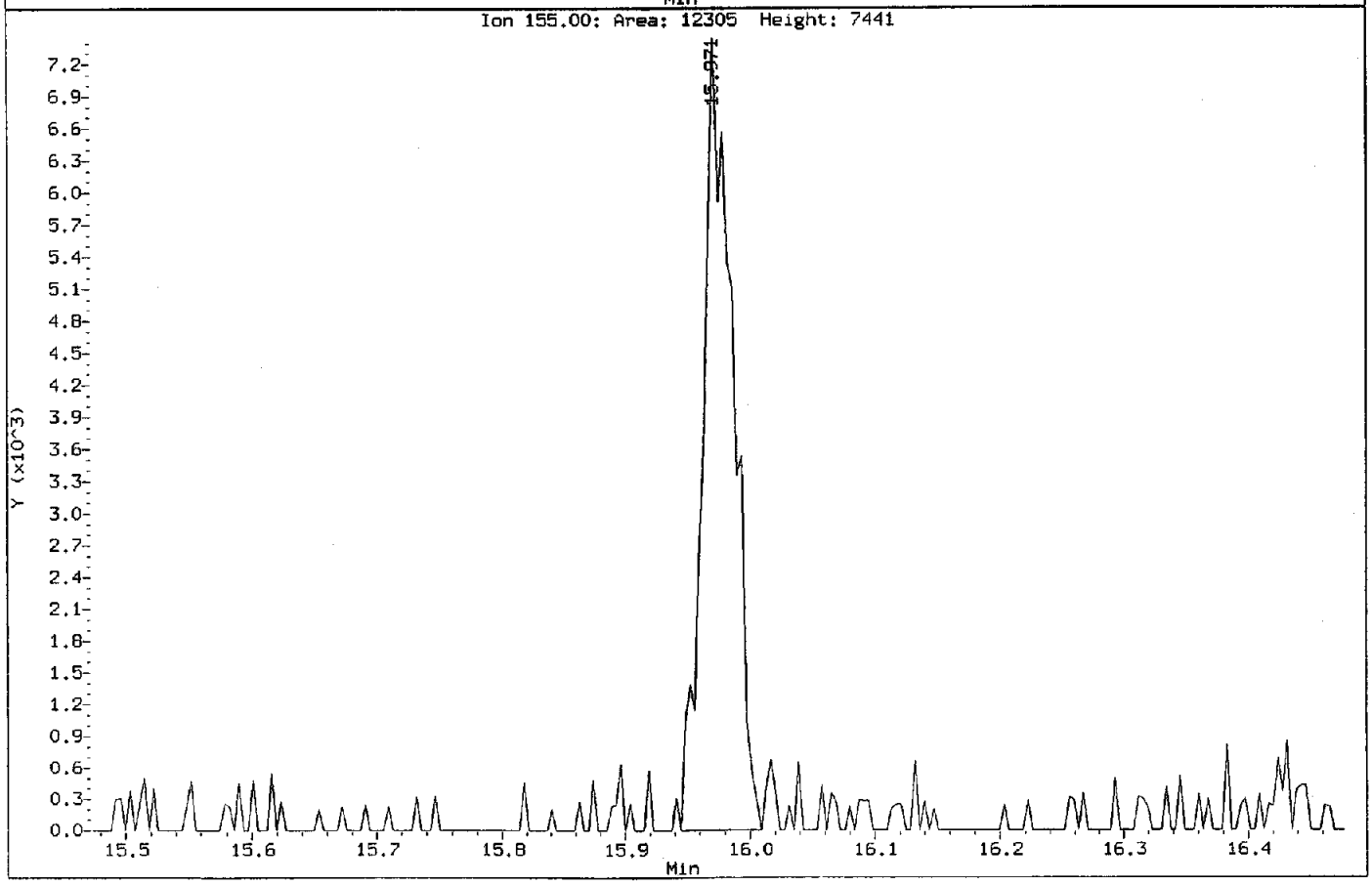
Injection Date: 24-DEC-2007 12:34
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: 1,2-Dibromo-3-chloropropane
CAS Number: 96-12-8





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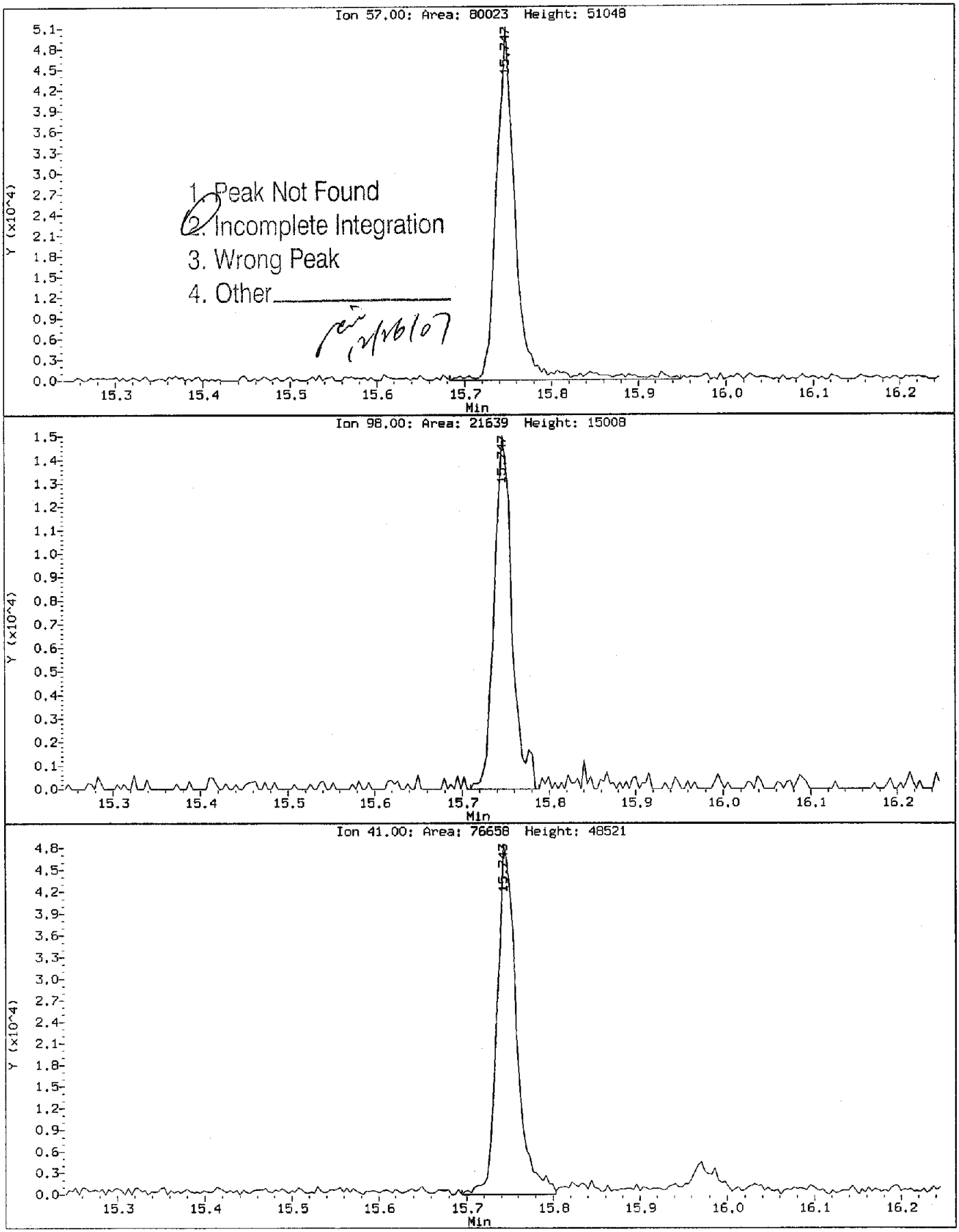
Injection Date: 24-DEC-2007 12:34
Instrument: MSL.i
Client Sample ID: VLCSL358B

Compound: Nonanal
CAS Number: 124-19-6



Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D
Report Date: 28-Dec-2007 12:14

STL St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D
Lab Smp Id: KEWA41AC Client Smp ID: VBLKL361A
Inj Date : 27-DEC-2007 12:20
Operator : XIA Inst ID: MSL.i
Smp Info : KEWA41AC
Misc Info : VBLKL361A;F7L280000-155C;7362155
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.464	3.460	(0.358)	427103	9.27583	9.276
2	Freon-114	135	3.741	3.741	(0.387)	156066	14.4053	14.40(R)
3	Chloromethane	50	3.902	3.898	(0.404)	714954	8.53998	8.540
4	Vinyl Chloride	62	4.093	4.097	(0.423)	670667	9.46272	9.463
5	Bromomethane	94	4.796	4.796	(0.496)	529140	11.8765	11.88
6	Chloroethane	64	5.028	5.025	(0.520)	486545	11.3609	11.36
7	Trichlorofluoromethane	101	5.275	5.279	(0.546)	576718	9.21183	9.212
8	Diethyl ether	59	5.788	5.792	(0.599)	286052	23.6315	23.63
9	1,1-Dichloroethene	96	6.147	6.147	(0.636)	327082	9.53180	9.532
10	1,1,2-Trichlorofluoroethane	101	6.125	6.129	(0.633)	374759	10.8080	10.81
11	Carbon Disulfide	76	6.308	6.304	(0.652)	1213555	10.7623	10.76
12	Iodomethane	142	6.432	6.435	(0.665)	99032	8.26560	8.266(M)
13	Acrolein	56	6.619	6.626	(0.685)	27474	45.3789	45.38
14	Allyl chloride	39	6.813	6.813	(0.705)	378213	9.75330	9.753
15	Methylene Chloride	84	6.963	6.967	(0.720)	370433	11.5739	11.57
16	Acetone	43	6.971	6.974	(0.721)	27848	9.24212	9.242
17	trans-1,2-Dichloroethene	96	7.176	7.180	(0.742)	402949	9.76579	9.766
18	n-Hexane	57	7.176	7.176	(0.742)	844571	11.5949	11.59
19	Methyl Acetate	74	7.128	7.128	(0.737)	22617	7.35506	7.355(R)
20	MTBE	73	7.214	7.218	(0.746)	437593	11.7296	11.73
M 21	1,2-Dichloroethene (total)	96				771671	20.1520	20.15
22	Acetonitrile	41	7.558	7.566	(0.782)	48577	55.5017	55.50

12/28/07

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D
Report Date: 28-Dec-2007 12:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.910	7.906	(0.818)	185987	58.6194	58.62
	24 1,1-Dichloroethane	63	7.876	7.872	(0.815)	732284	10.0743	10.07
	25 2-Chloro-1,3-butadiene	53	7.839	7.839	(0.811)	569173	9.72284	9.723
	26 Vinyl acetate	43	8.078	8.082	(0.836)	233631	12.6985	12.70(R)
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	368722	10.3862	10.39
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	611440	10.0887	10.09
	29 Bromochloromethane	128	8.699	8.703	(0.900)	94475	11.4648	11.46
	30 Cyclohexane	84	8.666	8.666	(0.896)	666620	10.4534	10.45
	31 Chloroform	83	8.703	8.707	(0.900)	613273	10.3024	10.30
	32 Ethyl acetate	43	8.748	8.756	(0.905)	91047	52.7080	52.71(RM)
	33 Carbon Tetrachloride	117	8.894	8.898	(0.920)	511246	10.5100	10.51
	34 Isobutanol	42	8.894	8.894	(0.920)	122712	221.397	221.4
	35 Tetrahydrofuran	71	8.894	8.894	(0.920)	49093	59.3269	59.33
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	234670	11.0064	11.01
	37 1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	581200	9.93145	9.931
	38 2-Butanone	43	8.969	8.969	(0.928)	26470	9.20951	9.210
	39 1,1-Dichloropropene	75	9.051	9.051	(0.936)	573364	10.1082	10.11
	40 Benzene	78	9.309	9.313	(0.963)	1659559	9.97409	9.974
	41 Propionitrile	54	9.272	9.272	(0.959)	64172	63.3275	63.33(RM)
	42 Methacrylonitrile	41	9.283	9.287	(0.960)	352374	76.0985	76.10(R)
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.977)	173886	10.3708	10.37
	44 1,2-Dichloroethane	62	9.508	9.508	(0.983)	234403	10.4920	10.49
*	45 Fluorobenzene	96	9.669	9.672	(1.000)	1438158	10.0000	
	46 n-Butanol	56	10.024	10.032	(1.037)	16501	141.345	141.3(R)
	47 Methylcyclohexane	55	9.811	9.811	(1.015)	603929	10.0021	10.00
	48 Trichloroethene	130	9.852	9.848	(1.019)	405905	10.0723	10.07
	49 Dibromomethane	93	10.309	10.312	(1.066)	79447	11.0375	11.04
	50 1,2-Dichloropropane	63	10.324	10.324	(1.068)	338044	10.7206	10.72
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	339607	11.2233	11.22
M	52 Xylenes (total)	106				2223946	28.8958	28.90
	53 Methyl methacrylate	69	10.406	10.402	(1.076)	72468	12.2253	12.22
	54 1,4-Dioxane	88	10.559	10.552	(1.092)	27649	180.251	180.2(M)
	55 2-chloroethyl vinyl ether	63	10.799	10.799	(1.117)	27179	6.96851	6.968
	56 cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	363431	11.6315	11.63
$	57 Toluene-d8	98	11.083	11.083	(0.885)	1288554	9.85179	9.852
	58 Toluene	91	11.136	11.136	(0.889)	1746212	9.52444	9.524
	59 2-Nitro-Propane	43	11.304	11.300	(0.902)	53165	10.7438	10.74
	60 4-Methyl-2-pentanone	43	11.360	11.364	(0.907)	90932	11.6872	11.69
	61 trans-1,3-Dichloropropene	75	11.491	11.495	(0.917)	255030	11.6848	11.68
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	298171	9.76335	9.763
	63 Ethyl methacrylate	69	11.506	11.506	(0.918)	162275	10.3722	10.37
	64 1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	141738	10.4716	10.47
	65 Chlorodibromomethane	129	11.888	11.892	(0.949)	154876	11.9037	11.90
	66 1,3-Dichloropropane	76	11.910	11.910	(0.951)	265556	10.6544	10.65
	67 1,2-Dibromoethane	107	12.146	12.150	(0.970)	104814	10.8918	10.89
	68 2-Hexanone	43	12.116	12.112	(0.967)	48160	10.4769	10.48
	69 Ethylbenzene	106	12.498	12.498	(0.998)	623961	9.47819	9.478
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	874777	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	938332	10.0013	10.00
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	260591	10.3722	10.37
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1568210	18.8742	18.87
	74 o-Xylene	106	13.033	13.033	(1.040)	655736	10.0216	10.02
	75 Styrene	104	13.089	13.089	(1.045)	916501	9.58566	9.586
	76 Bromoform	173	13.258	13.254	(0.901)	63397	11.2777	11.28

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D
Report Date: 28-Dec-2007 12:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1692793	8.57725	8.577
$ 78	4-Bromofluorobenzene	95	13.643	13.647	(0.927)	327914	9.54891	9.549
79	n-Propylbenzene	91	13.680	13.680	(0.929)	2410775	8.77114	8.771
80	Bromobenzene	156	13.789	13.789	(0.937)	275425	9.85703	9.857
81	1,1,2,2-Tetrachloroethane	83	13.759	13.763	(0.935)	146165	10.2998	10.30
82	1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1493798	8.93645	8.936
83	2-Chlorotoluene	91	13.909	13.905	(0.945)	1201857	9.16205	9.162
84	1,2,3-Trichloropropane	110	13.931	13.927	(0.946)	39473	10.7614	10.76
85	trans-1,4-dichloro-2-butene	53	13.931	13.935	(0.946)	36241	10.8305	10.83
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	1144343	9.33807	9.338
87	Cyclohexanone	55	14.006	14.010	(0.951)	34856	100.585	100.6
88	t-Butylbenzene	119	14.159	14.156	(0.962)	1327036	8.88361	8.884
89	Pentachloroethane	167	14.275	14.275	(0.970)	154648	11.1850	11.18
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1499389	9.25168	9.252
91	sec-Butylbenzene	105	14.328	14.328	(0.973)	2153054	8.78183	8.782
92	4-Isopropyltoluene	119	14.436	14.436	(0.981)	1671219	8.97945	8.979
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.996)	622934	9.68058	9.680
* 94	1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	349464	10.0000	
95	1,4-Dichlorobenzene	146	14.739	14.743	(1.001)	594766	9.37293	9.373
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1793649	9.05126	9.051
98	1,2-Dichlorobenzene	146	15.162	15.162	(1.030)	463235	9.73046	9.730
99	1,2-Dibromo-3-chloropropane	157	15.978	15.974	(1.085)	16722	11.0470	11.05
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	185092	9.88781	9.888
101	1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	271871	12.6587	12.66(R)
102	Naphthalene	128	17.075	17.071	(1.160)	337904	13.6329	13.63
103	1,2,3-Trichlorobenzene	180	17.295	17.292	(1.175)	172415	14.3418	14.34(R)
143	Nonanal	57	15.746	15.746	(1.629)	74490	6.92513	6.925

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D
Report Date: 28-Dec-2007 12:14

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INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

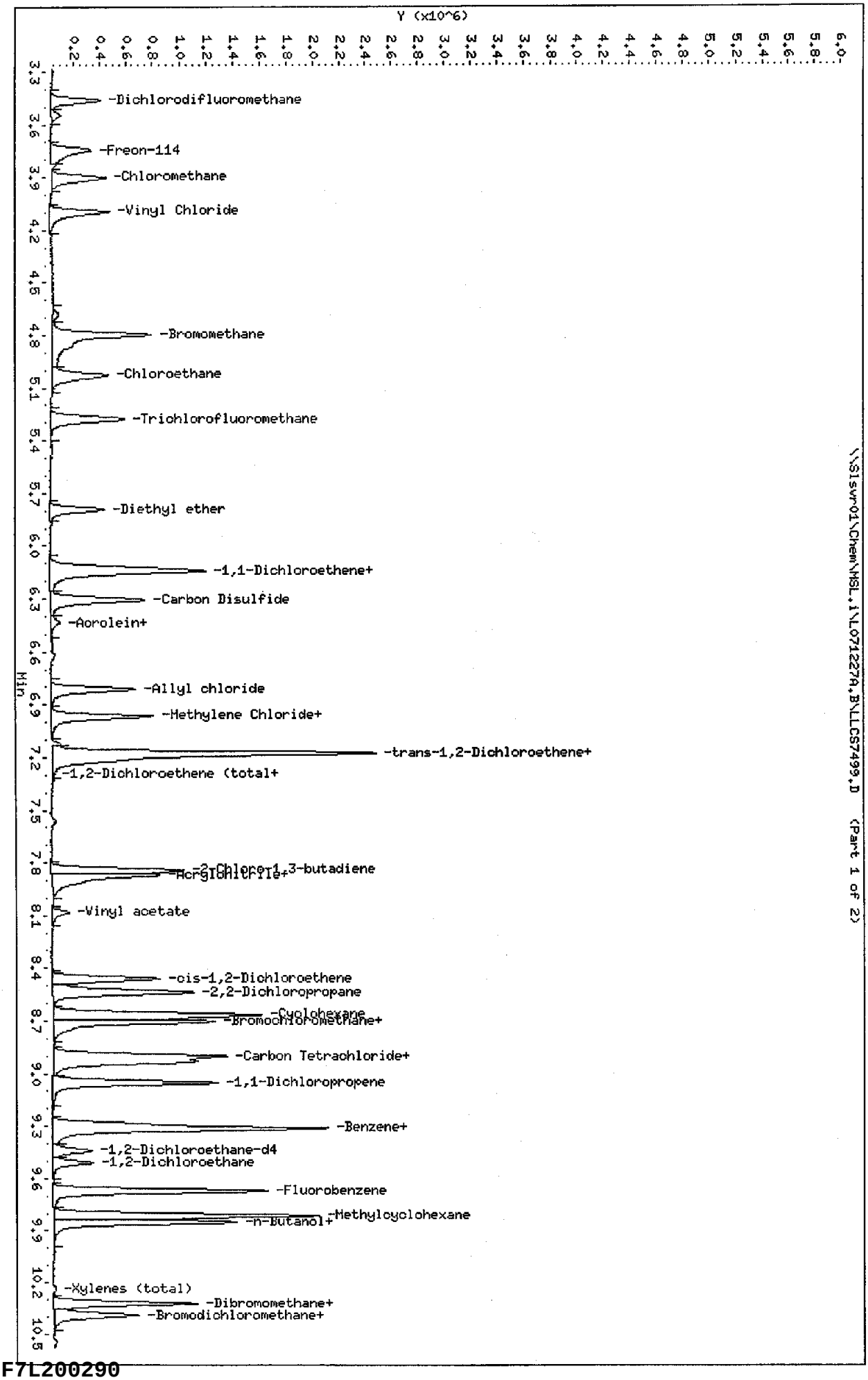
Instrument ID: MSL.i
Lab File ID: LLCS7499.D
Lab Smp Id: KEWA41AC
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;F7L280000-155C;7362155

Calibration Date: 27-DEC-2007
Calibration Time: 11:33
Client Smp ID: VBLKL361A
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1414972	707486	2829944	1438158	1.64
70 Chlorobenzene-d5	860970	430485	1721940	874777	1.60
94 1,4 Dichlorobenze	346015	173008	692030	349464	1.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.72	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Acrolein+
-Allyl chloride
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-2-Chloro-1,3-butadiene
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-n-Butanol+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+
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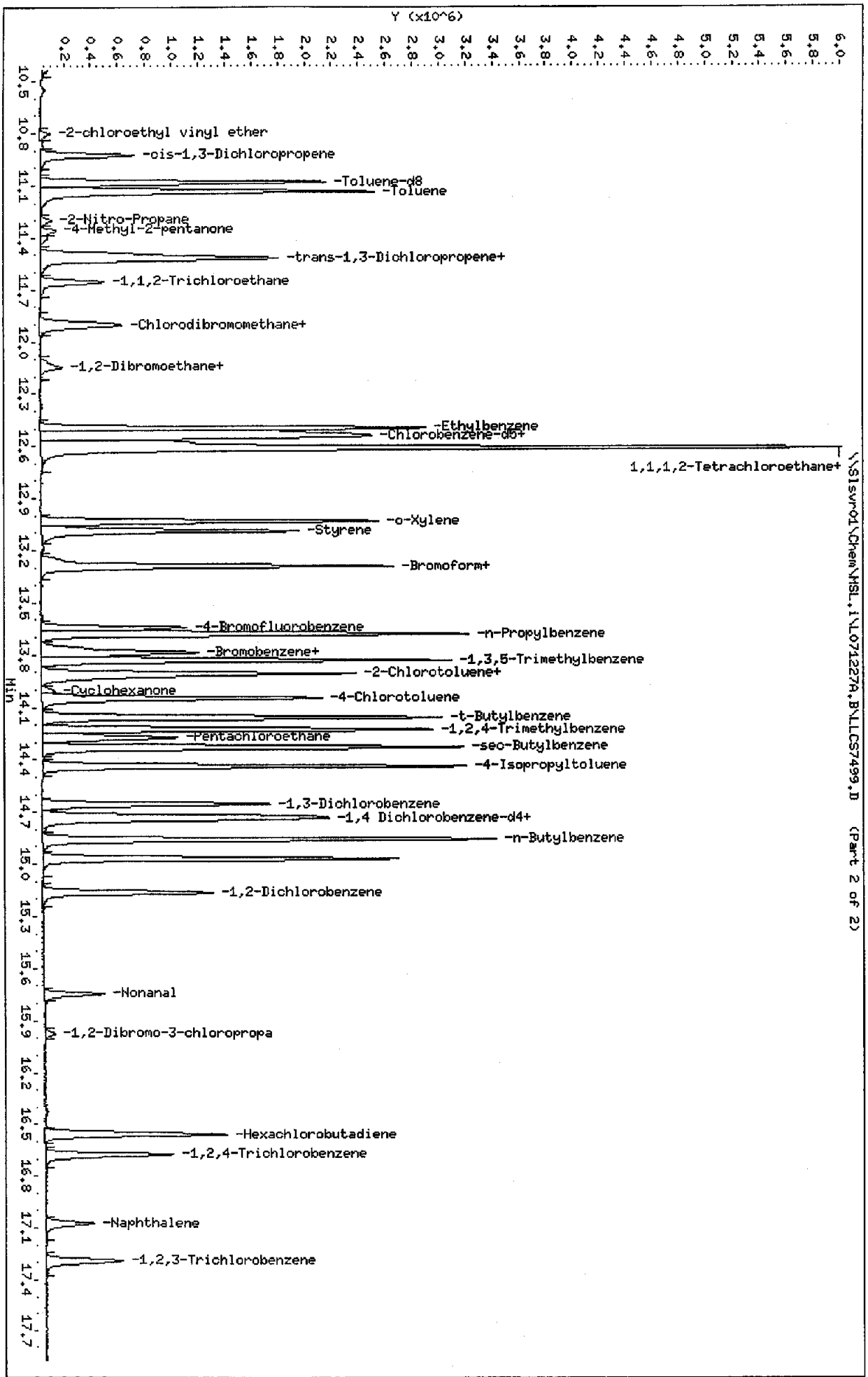
Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D
Date : 27-DEC-2007 12:20
Client ID: VBLKL361A
Sample Info: KENA41AC
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25



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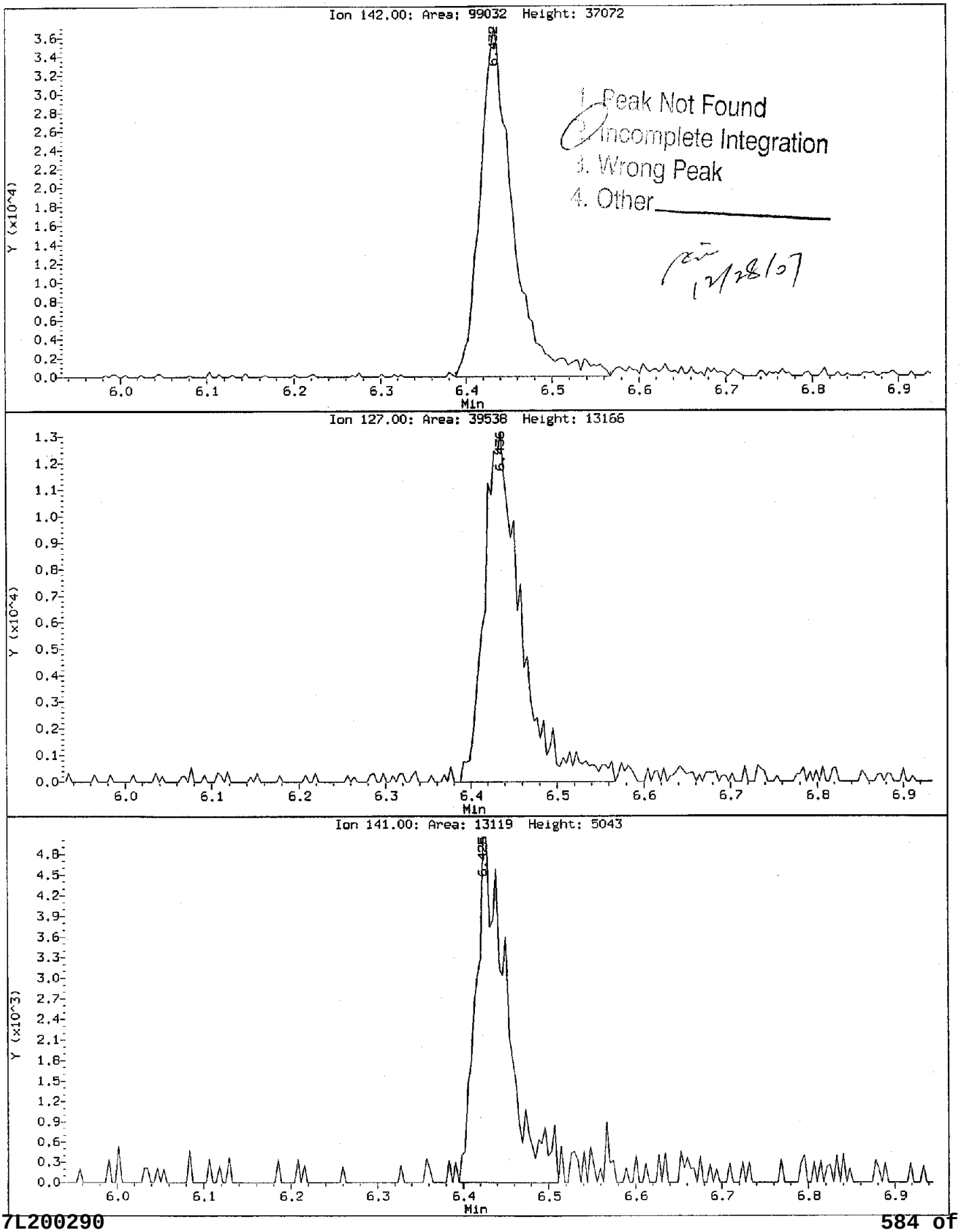
Date : 27-DEC-2007 12:20
Client ID: VBLKL361A
Sample Info: KEWA41AC
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7499.D
Injection Date: 27-DEC-2007 12:20
Instrument: MSL.i
Client Sample ID: VBLKL361A

Compound: Iodomethane
CAS Number: 74-88-4



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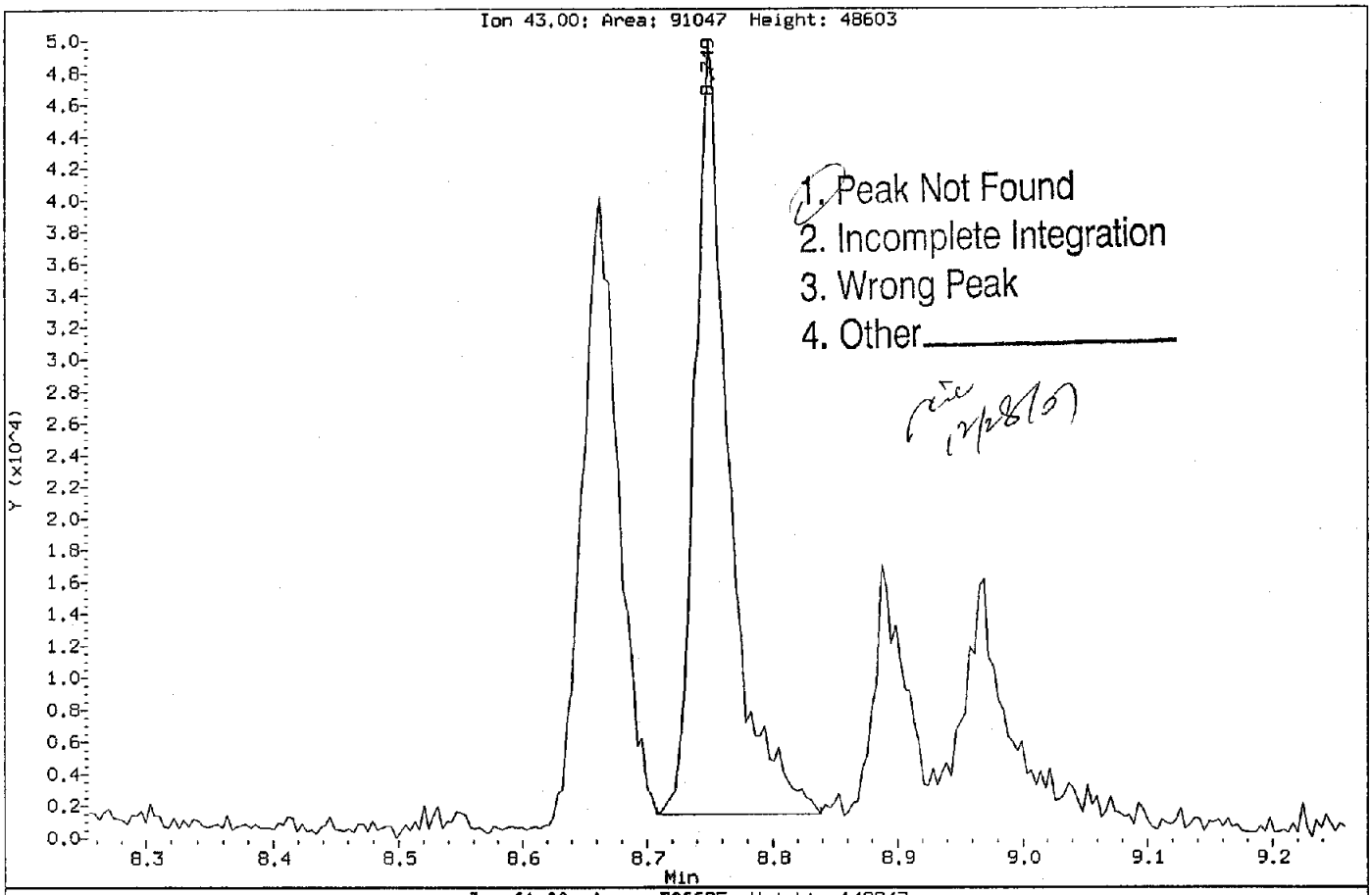
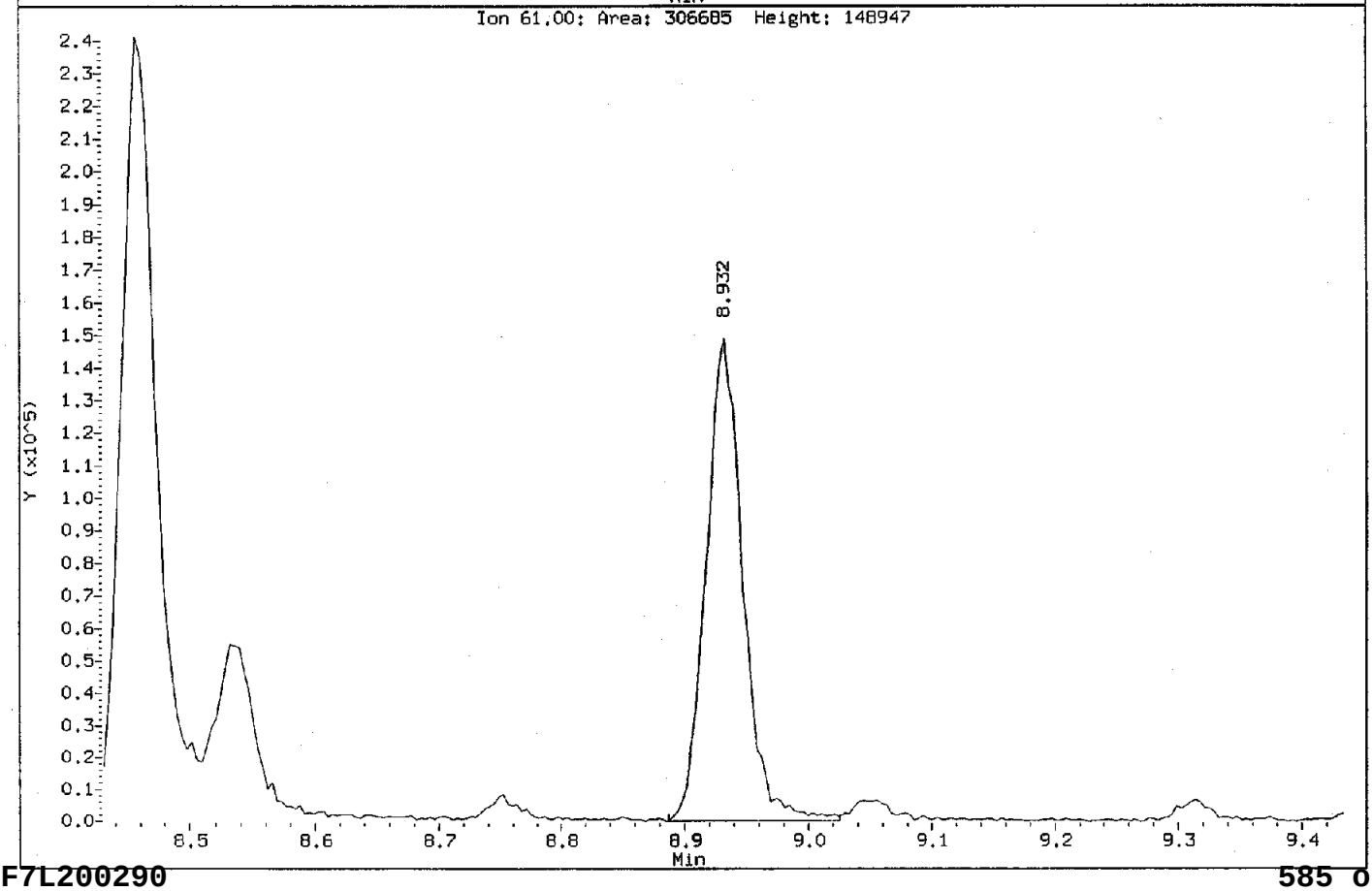
Injection Date: 27-DEC-2007 12:20
Instrument: MSL.i
Client Sample ID: VBLKL361A

Compound: Ethyl acetate
CAS Number: 141-78-6





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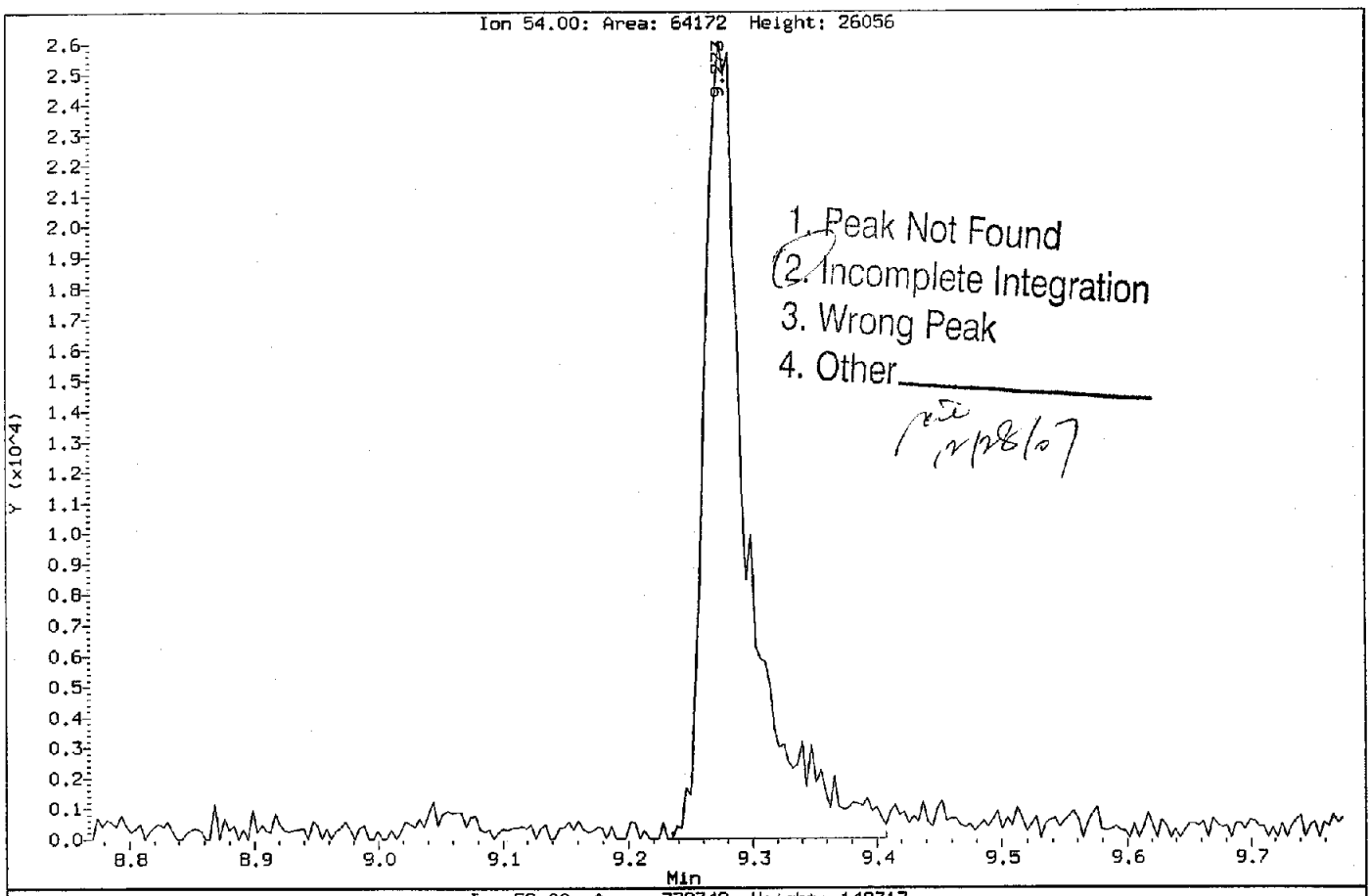
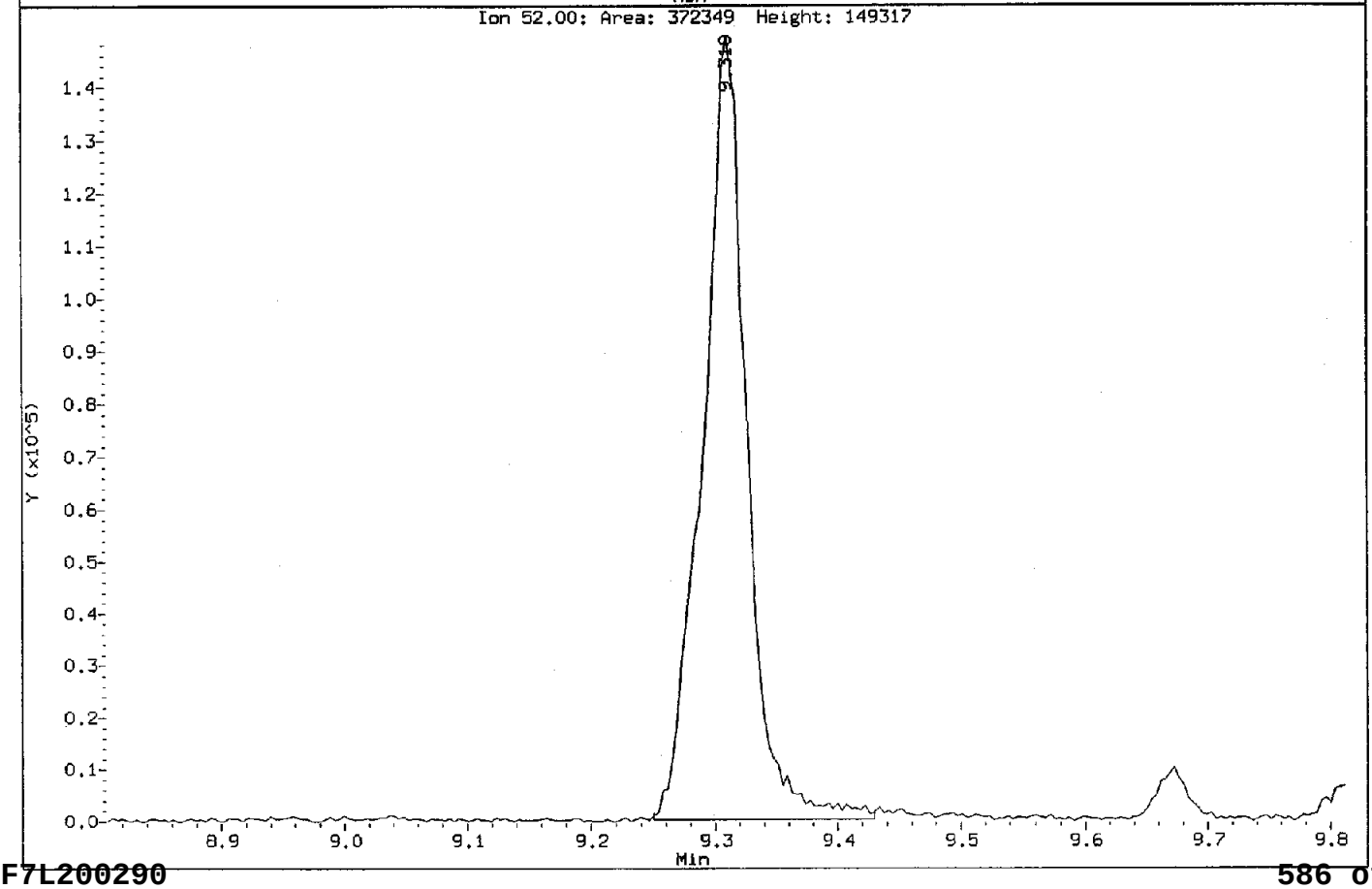
Injection Date: 27-DEC-2007 12:20
Instrument: MSL.i
Client Sample ID: VBLKL361A

Compound: Propionitrile
CAS Number: 107-12-0





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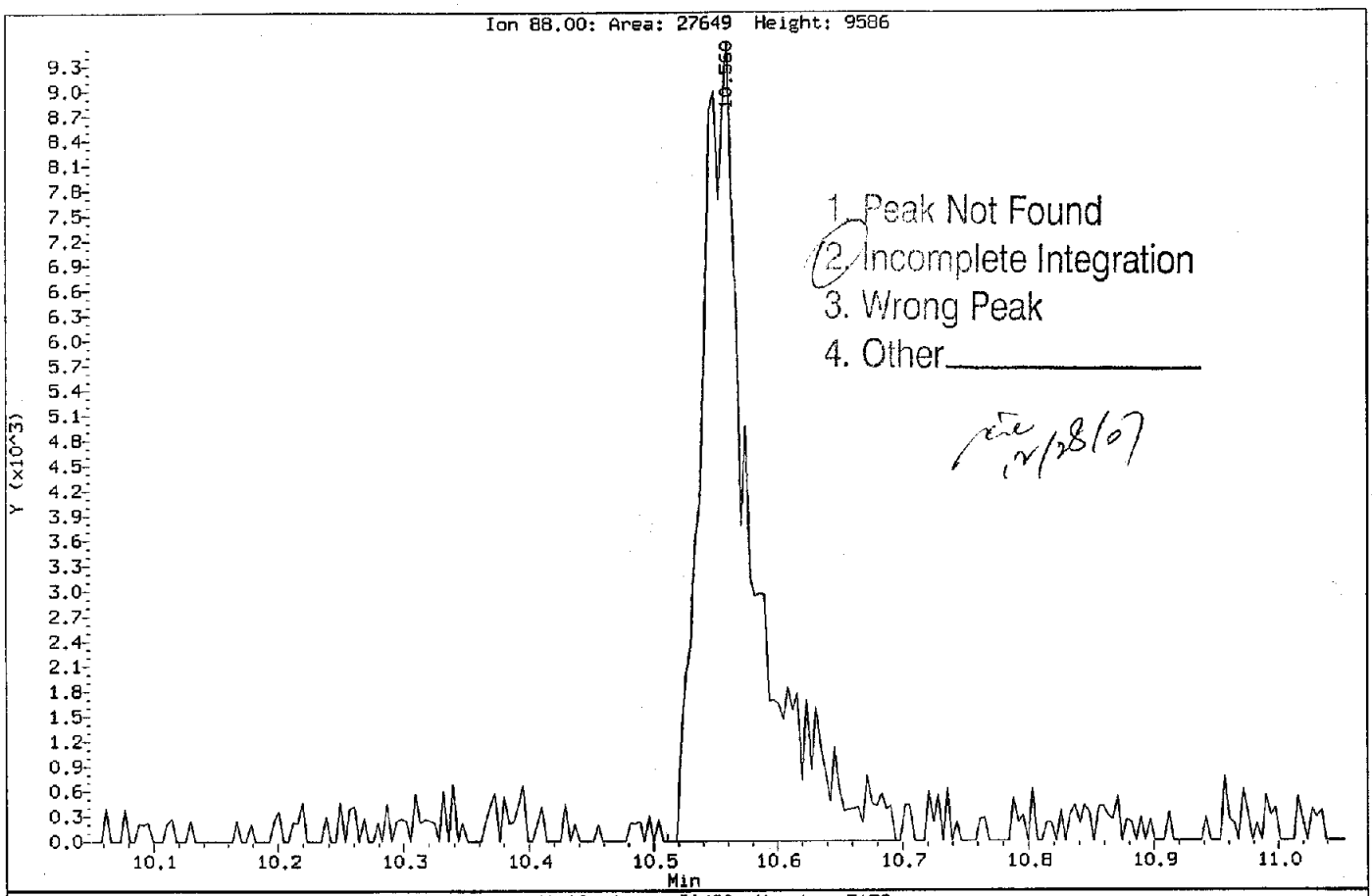
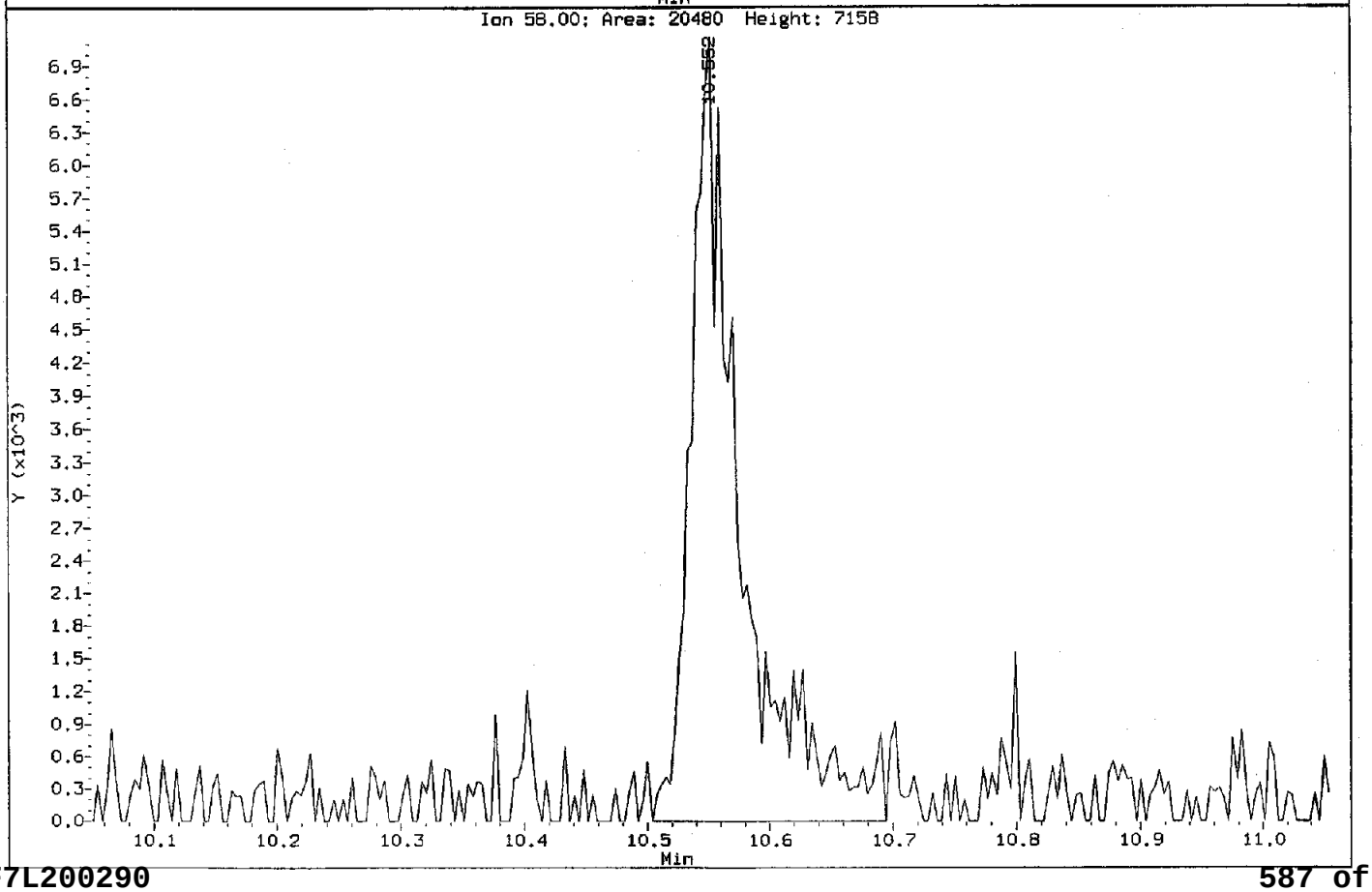
Injection Date: 27-DEC-2007 12:20
Instrument: MSL.i
Client Sample ID: VBLKL361A

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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Report Date: 28-Dec-2007 12:15

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GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7500.D
Lab Smp Id: KEWA41AD Client Smp ID: VLCSL361B
Inj Date : 27-DEC-2007 12:46
Operator : XIA Inst ID: MSL.i
Smp Info : KEWA41AD
Misc Info : VBLKL361A;F7L280000-155L;7362155
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Meth Date : 28-Dec-2007 10:36 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	3.460	3.460	(0.358)	428334	8.96707	8.967
	2 Freon-114	135	3.741	3.741	(0.387)	189224	16.8360	16.84(R)
	3 Chloromethane	50	3.902	3.898	(0.404)	742556	8.54979	8.550
	4 Vinyl Chloride	62	4.097	4.097	(0.424)	677872	9.21943	9.219
	5 Bromomethane	94	4.796	4.796	(0.496)	516887	11.1830	11.18
	6 Chloroethane	64	5.032	5.025	(0.520)	332984	7.49479	7.495
	7 Trichlorofluoromethane	101	5.275	5.279	(0.546)	580968	8.94504	8.945
	8 Diethyl ether	59	5.792	5.792	(0.599)	294545	23.4556	23.46
	9 1,1-Dichloroethene	96	6.147	6.147	(0.636)	346736	9.74013	9.740
	10 1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	372062	10.3432	10.34
	11 Carbon Disulfide	76	6.308	6.304	(0.652)	1176144	10.0543	10.05
	12 Iodomethane	142	6.439	6.435	(0.666)	104166	8.38054	8.380(M)
	13 Acrolein	56	6.626	6.626	(0.685)	31525	50.1921	50.19(M)
	14 Allyl chloride	39	6.814	6.813	(0.705)	382536	9.50901	9.509
	15 Methylene Chloride	84	6.967	6.967	(0.721)	387855	11.6812	11.68
	16 Acetone	43	6.971	6.974	(0.721)	29206	9.36371	9.364
	17 trans-1,2-Dichloroethene	96	7.177	7.180	(0.742)	402171	9.39541	9.395
	18 n-Hexane	57	7.177	7.176	(0.742)	847711	11.2183	11.22
	19 Methyl Acetate	74	7.124	7.128	(0.737)	26878	8.42551	8.426(M)
	20 MTBE	73	7.210	7.218	(0.746)	477302	12.3326	12.33
M	21 1,2-Dichloroethene (total)	96				794410	20.0456	20.04
	22 Acetonitrile	41	7.562	7.566	(0.782)	46819	51.5100	51.51

12/28/07

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7500.D
Report Date: 28-Dec-2007 12:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.914	7.906	(0.818)	197114	59.8858	59.88
	24 1,1-Dichloroethane	63	7.873	7.872	(0.814)	743566	9.86053	9.860
	25 2-Chloro-1,3-butadiene	53	7.839	7.839	(0.811)	580220	9.55409	9.554
	26 Vinyl acetate	43	8.082	8.082	(0.836)	256110	13.4183	13.42(R)
	27 cis-1,2-Dichloroethene	96	8.460	8.460	(0.875)	392239	10.6502	10.65
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	600513	9.55109	9.551
	29 Bromochloromethane	128	8.703	8.703	(0.900)	91030	10.6483	10.65
	30 Cyclohexane	84	8.662	8.666	(0.896)	673477	10.1800	10.18
	31 Chloroform	83	8.707	8.707	(0.901)	612384	9.91640	9.916
	32 Ethyl acetate	43	8.752	8.756	(0.905)	97415	54.3432	54.34(RM)
	33 Carbon Tetrachloride	117	8.894	8.898	(0.920)	512009	10.1461	10.15
	34 Isobutanol	42	8.890	8.894	(0.920)	125021	217.428	217.4
	35 Tetrahydrofuran	71	8.898	8.894	(0.920)	51440	59.9213	59.92
$	36 Dibromofluoromethane	113	8.905	8.905	(0.921)	233651	10.5634	10.56
	37 1,1,1-Trichloroethane	97	8.935	8.935	(0.924)	585742	9.64808	9.648
	38 2-Butanone	43	8.969	8.969	(0.928)	25944	8.71309	8.713
	39 1,1-Dichloropropene	75	9.048	9.051	(0.936)	586809	9.97216	9.972
	40 Benzene	78	9.313	9.313	(0.963)	1685261	9.76327	9.763
	41 Propionitrile	54	9.276	9.272	(0.959)	62782	59.7213	59.72(M)
	42 Methacrylonitrile	41	9.283	9.287	(0.960)	316708	65.9294	65.93(R)
$	43 1,2-Dichloroethane-d4	65	9.441	9.444	(0.976)	180617	10.3837	10.38
	44 1,2-Dichloroethane	62	9.508	9.508	(0.983)	243718	10.5155	10.52
*	45 Fluorobenzene	96	9.669	9.672	(1.000)	1491966	10.0000	
	46 n-Butanol	56	10.043	10.032	(1.039)	11792	97.3658	97.36(M)
	47 Methylcyclohexane	55	9.811	9.811	(1.015)	604029	9.64292	9.643
	48 Trichloroethene	130	9.852	9.848	(1.019)	408750	9.77710	9.777
	49 Dibromomethane	93	10.309	10.312	(1.066)	82410	11.0362	11.04
	50 1,2-Dichloropropane	63	10.324	10.324	(1.068)	351478	10.7446	10.74
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	347235	11.0616	11.06
M	52 Xylenes (total)	106				2229180	27.6464	27.65
	53 Methyl methacrylate	69	10.402	10.402	(1.076)	71663	11.6535	11.65
	54 1,4-Dioxane	88	10.552	10.552	(1.091)	20956	118.660	118.6(R)
	55 2-chloroethyl vinyl ether	63	10.803	10.799	(1.117)	30198	7.46332	7.463
	56 cis-1,3-Dichloropropene	75	10.926	10.926	(1.130)	355104	10.9551	10.96
$	57 Toluene-d8	98	11.083	11.083	(0.885)	1303601	9.51441	9.514
	58 Toluene	91	11.136	11.136	(0.889)	1750674	9.11533	9.115
	59 2-Nitro-Propane	43	11.301	11.300	(0.902)	52490	10.1528	10.15
	60 4-Methyl-2-pentanone	43	11.360	11.364	(0.907)	98733	12.1138	12.11
	61 trans-1,3-Dichloropropene	75	11.491	11.495	(0.917)	248043	10.8488	10.85
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	296173	9.26169	9.262
	63 Ethyl methacrylate	69	11.506	11.506	(0.918)	168629	10.2996	10.30
	64 1,1,2-Trichloroethane	97	11.656	11.656	(0.930)	142138	10.0245	10.02
	65 Chlorodibromomethane	129	11.892	11.892	(0.949)	150387	11.0340	11.03
	66 1,3-Dichloropropane	76	11.907	11.910	(0.950)	278088	10.6507	10.65
	67 1,2-Dibromoethane	107	12.150	12.150	(0.970)	101564	10.0750	10.08
	68 2-Hexanone	43	12.120	12.112	(0.967)	48718	10.1348	10.13
	69 Ethylbenzene	106	12.498	12.498	(0.998)	621749	9.01587	9.016
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	916374	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	940192	9.56620	9.566
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	266238	10.1159	10.12
	73 m,p-Xylenes	106	12.610	12.614	(1.007)	1572753	18.0696	18.07
	74 o-Xylene	106	13.033	13.033	(1.040)	656427	9.57679	9.577
	75 Styrene	104	13.089	13.089	(1.045)	923303	9.22187	9.222
	76 Bromoform	173	13.254	13.254	(0.900)	66407	11.5994	11.60

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7500.D
Report Date: 28-Dec-2007 12:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1681836	8.36758	8.368
$ 78	4-Bromofluorobenzene	95	13.643	13.647	(0.927)	325332	9.30235	9.302
79	n-Propylbenzene	91	13.681	13.680	(0.929)	2396798	8.56255	8.562
80	Bromobenzene	156	13.789	13.789	(0.937)	275553	9.68322	9.683
81	1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	151294	10.4684	10.47
82	1,3,5-Trimethylbenzene	105	13.830	13.830	(0.939)	1495517	8.78490	8.785
83	2-Chlorotoluene	91	13.909	13.905	(0.945)	1198999	8.97492	8.975
84	1,2,3-Trichloropropane	110	13.931	13.927	(0.946)	41996	11.2422	11.24
85	trans-1,4-dichloro-2-butene	53	13.931	13.935	(0.946)	36781	10.7939	10.79
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	1128014	9.03831	9.038
87	Cyclohexanone	55	14.006	14.010	(0.951)	29452	71.1392	71.14
88	t-Butylbenzene	119	14.156	14.156	(0.962)	1310580	8.61474	8.615
89	Pentachloroethane	167	14.276	14.275	(0.970)	154216	10.9608	10.96
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1485001	8.99715	8.997
91	sec-Butylbenzene	105	14.328	14.328	(0.973)	2110737	8.45349	8.453
92	4-Isopropyltoluene	119	14.437	14.436	(0.981)	1655538	8.73429	8.734
93	1,3-Dichlorobenzene	146	14.654	14.657	(0.995)	615870	9.39767	9.398
* 94	1,4 Dichlorobenzene-d4	152	14.721	14.721	(1.000)	355902	10.0000	
95	1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	601724	9.31105	9.311
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1762362	8.73250	8.732
98	1,2-Dichlorobenzene	146	15.162	15.162	(1.030)	470375	9.70171	9.702
99	1,2-Dibromo-3-chloropropane	157	15.975	15.974	(1.085)	16598	10.7667	10.77
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	178734	9.37544	9.375
101	1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	268534	12.2771	12.28(R)
102	Naphthalene	128	17.075	17.071	(1.160)	316041	12.5201	12.52
103	1,2,3-Trichlorobenzene	180	17.296	17.292	(1.175)	171006	13.9673	13.97(R)
143	Nonanal	57	15.746	15.746	(1.629)	80656	7.15715	7.157

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7500.D
Report Date: 28-Dec-2007 12:15

STL St. Louis

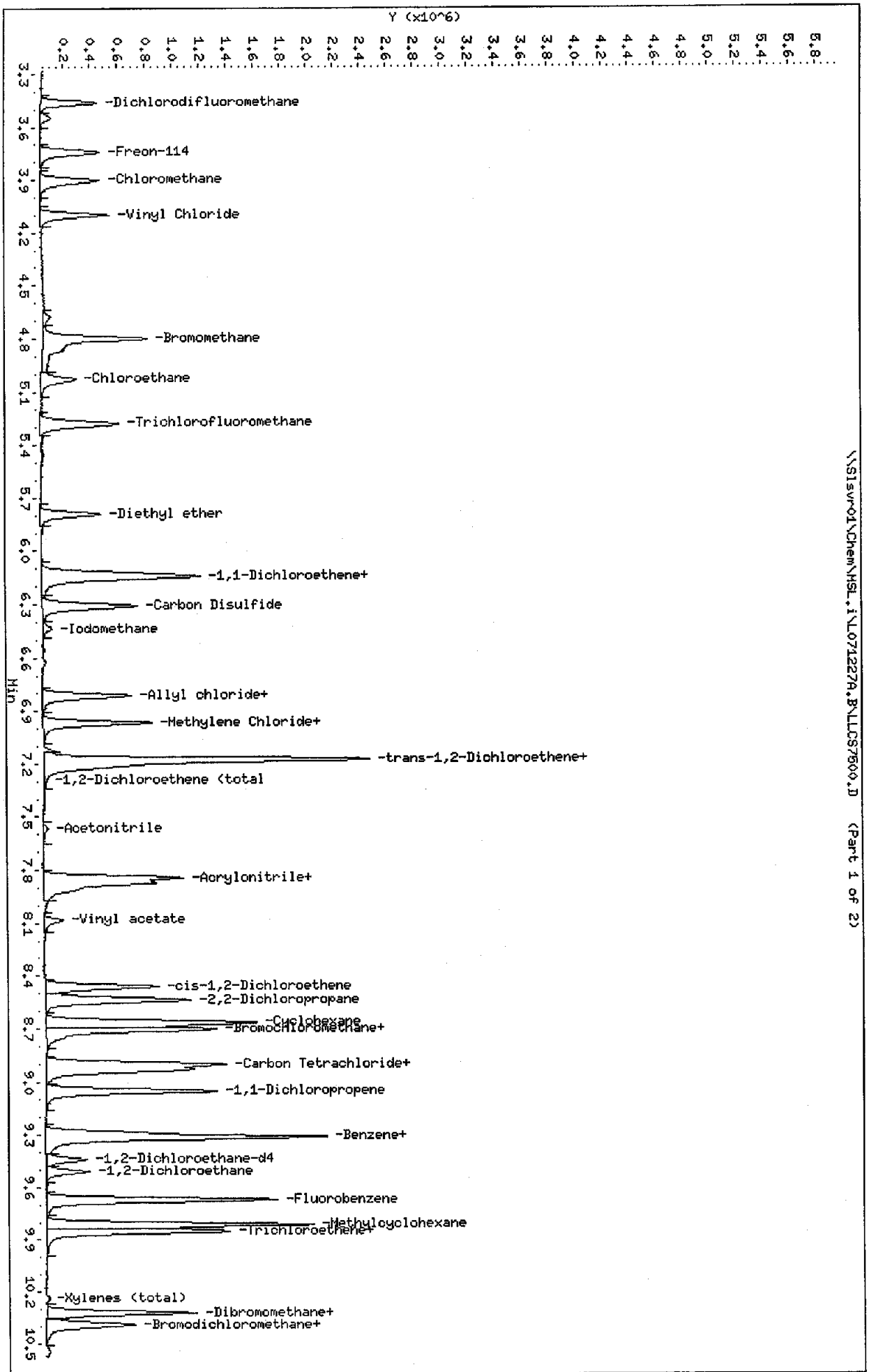
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LLCS7500.D
Lab Smp Id: KEWA41AD
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 27-DEC-2007
Calibration Time: 11:33
Client Smp ID: VLCSL361B
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071227A.B\8260C-25LLW40.m
Misc Info: VBLKL361A;F7L280000-155L;7362155

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1414972	707486	2829944	1491966	5.44
70 Chlorobenzene-d5	860970	430485	1721940	916374	6.44
94 1,4 Dichlorobenze	346015	173008	692030	355902	2.86

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.04
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	0.00
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.72	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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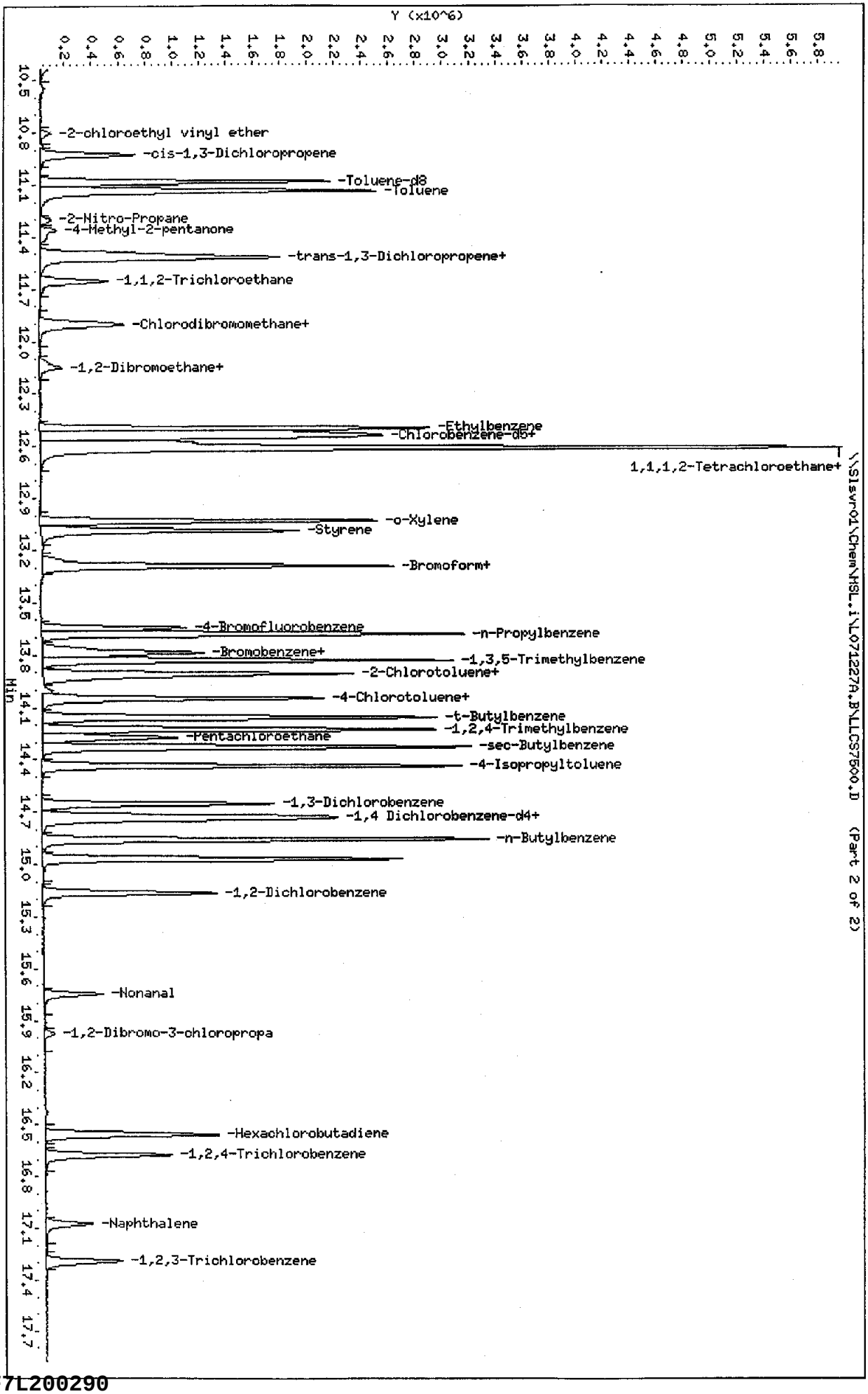
Client ID: VLCSL3618
Sample Info: KEMA41AD
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7500.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Allyl chloride+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total
-Acetonitrile
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+

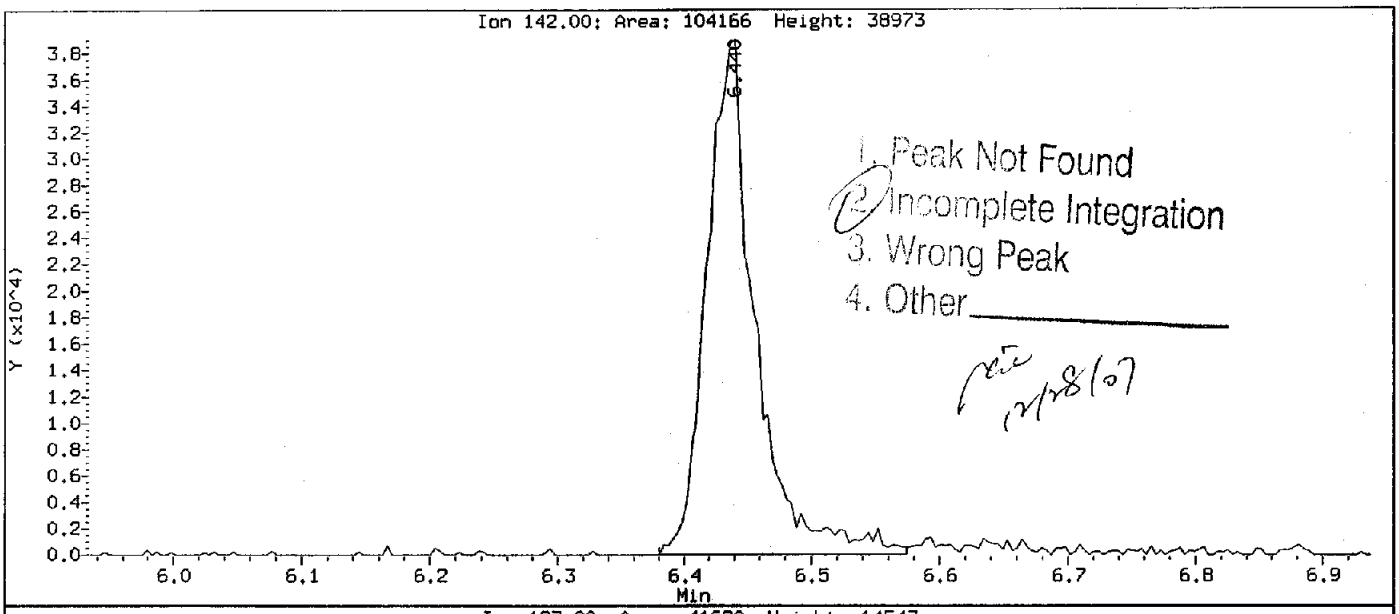


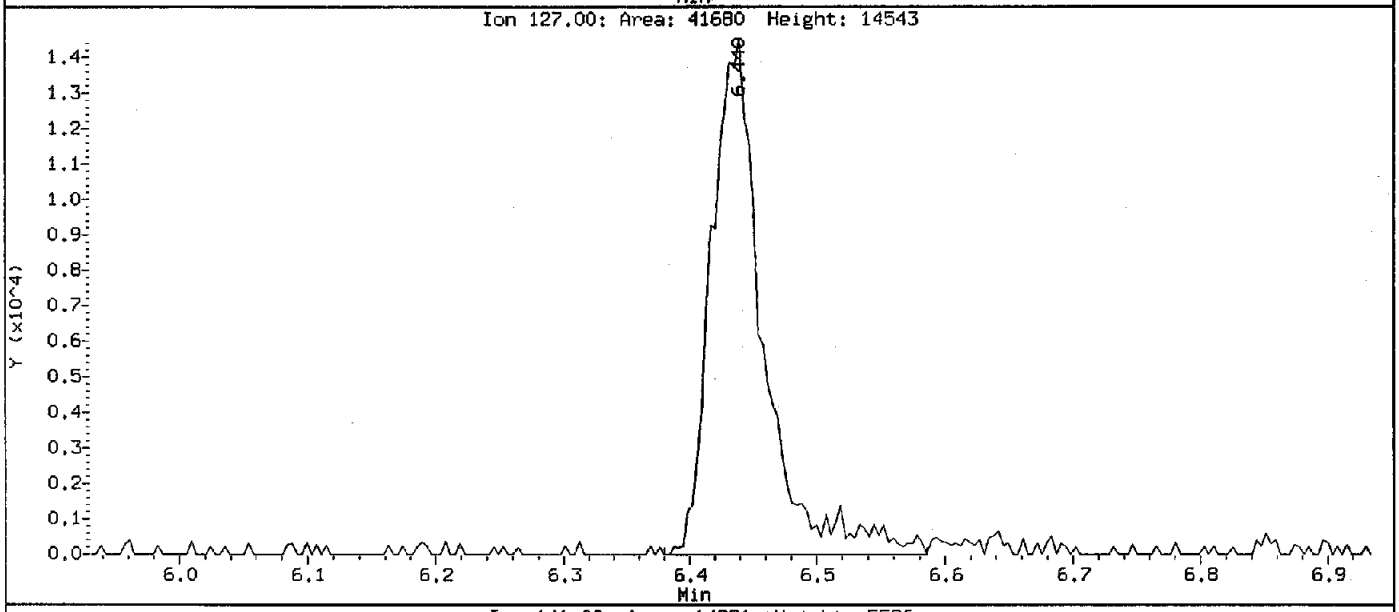
Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7500.D
Date : 27-DEC-2007 12:46
Client ID: WLCSL361B
Sample Info: KEWA41AD
Purge Volume: 25.0
Column phase: RTX-502.2

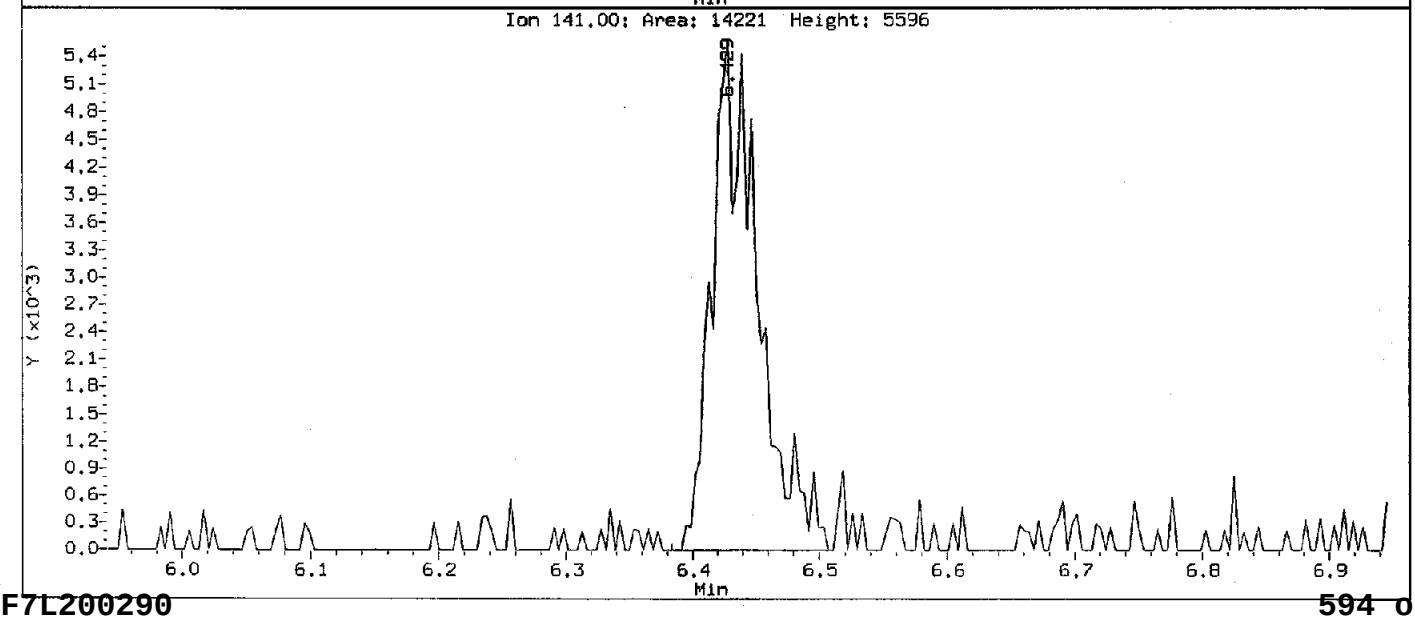
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071227A.B\LLCS7500.D
Injection Date: 27-DEC-2007 12:46
Instrument: MSL.i
Client Sample ID: VLCSL361B

Compound: Iodomethane
CAS Number: 74-88-4







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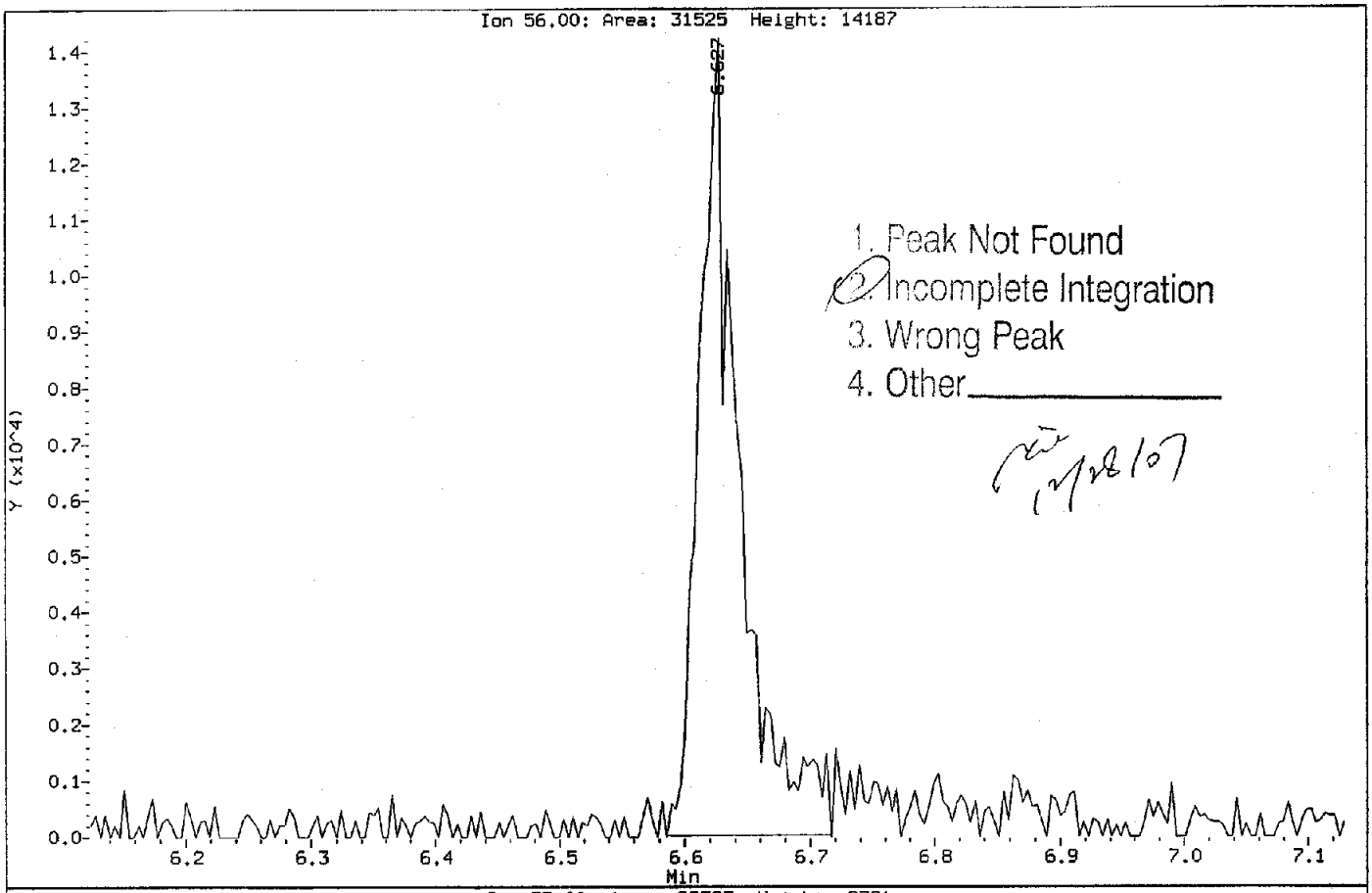
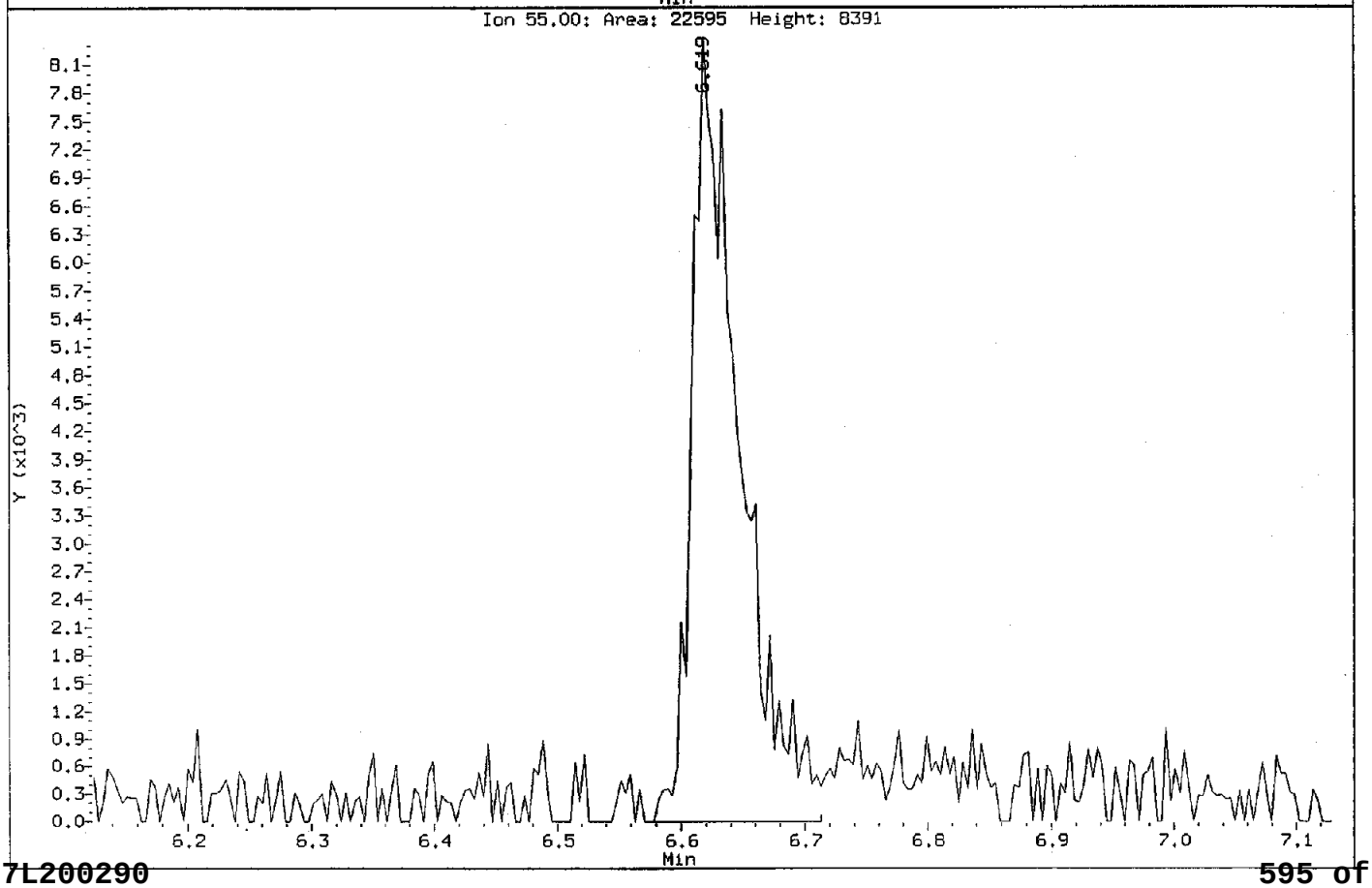
Injection Date: 27-DEC-2007 12:46
Instrument: MSL.i
Client Sample ID: VLCSL361B

Compound: Acrolein
CAS Number: 107-02-8





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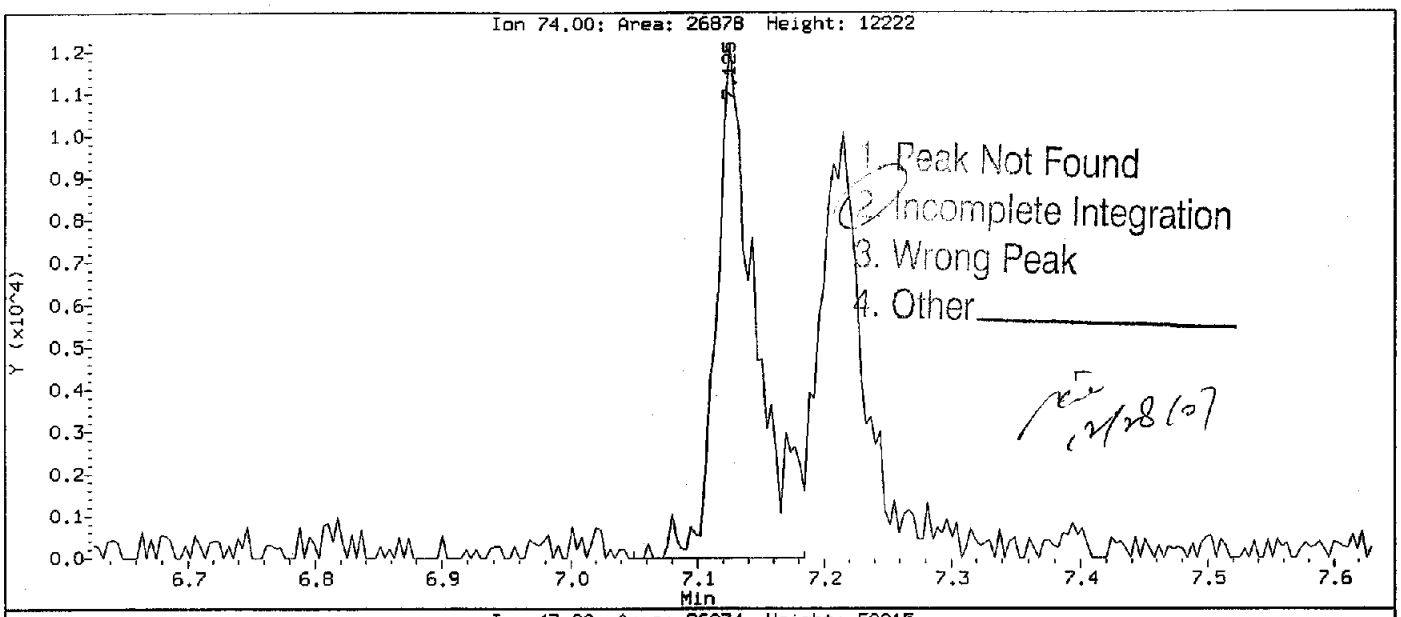
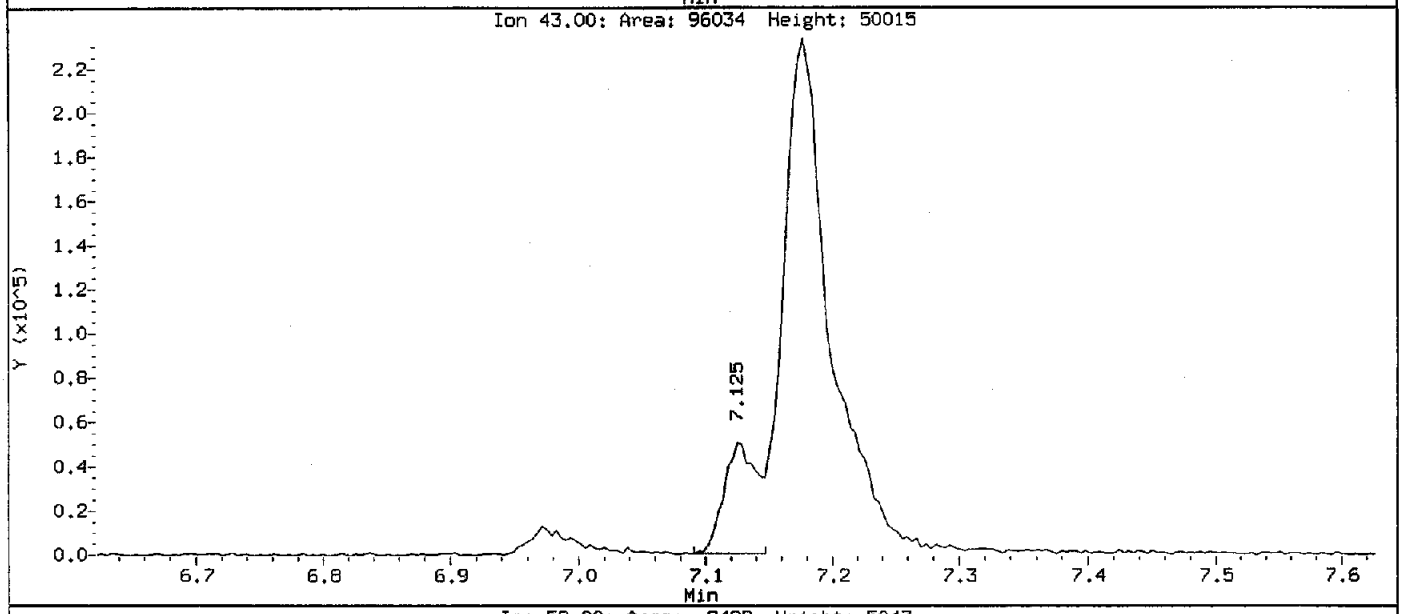
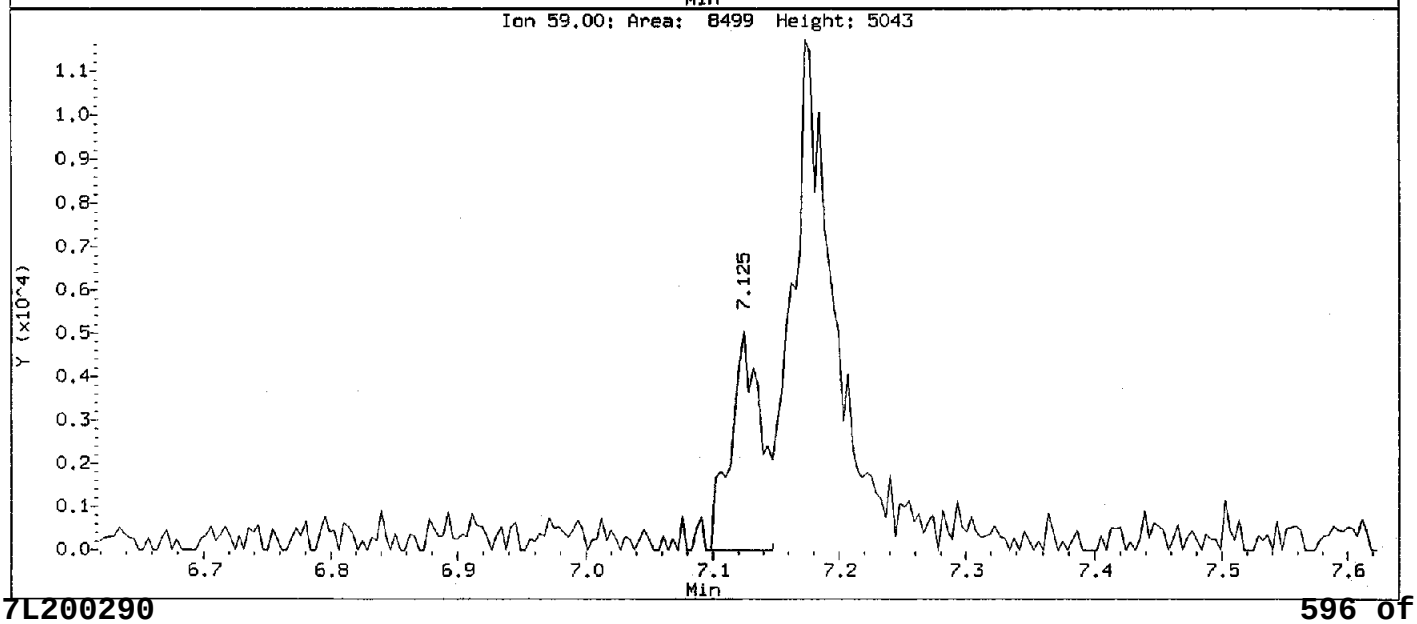
Injection Date: 27-DEC-2007 12:46
Instrument: MSL.i
Client Sample ID: VLCSL361B

Compound: Methyl Acetate
CAS Number:







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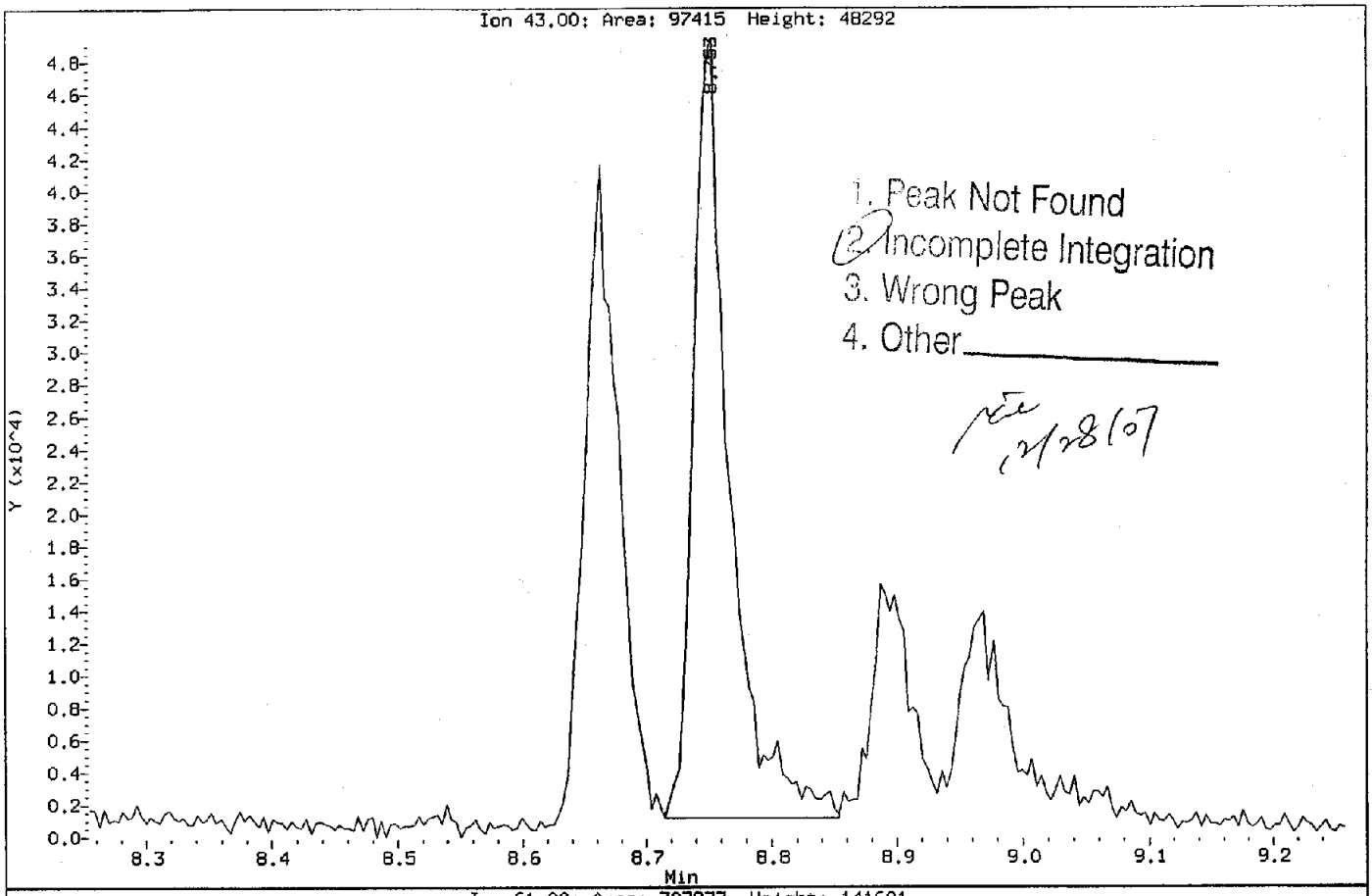
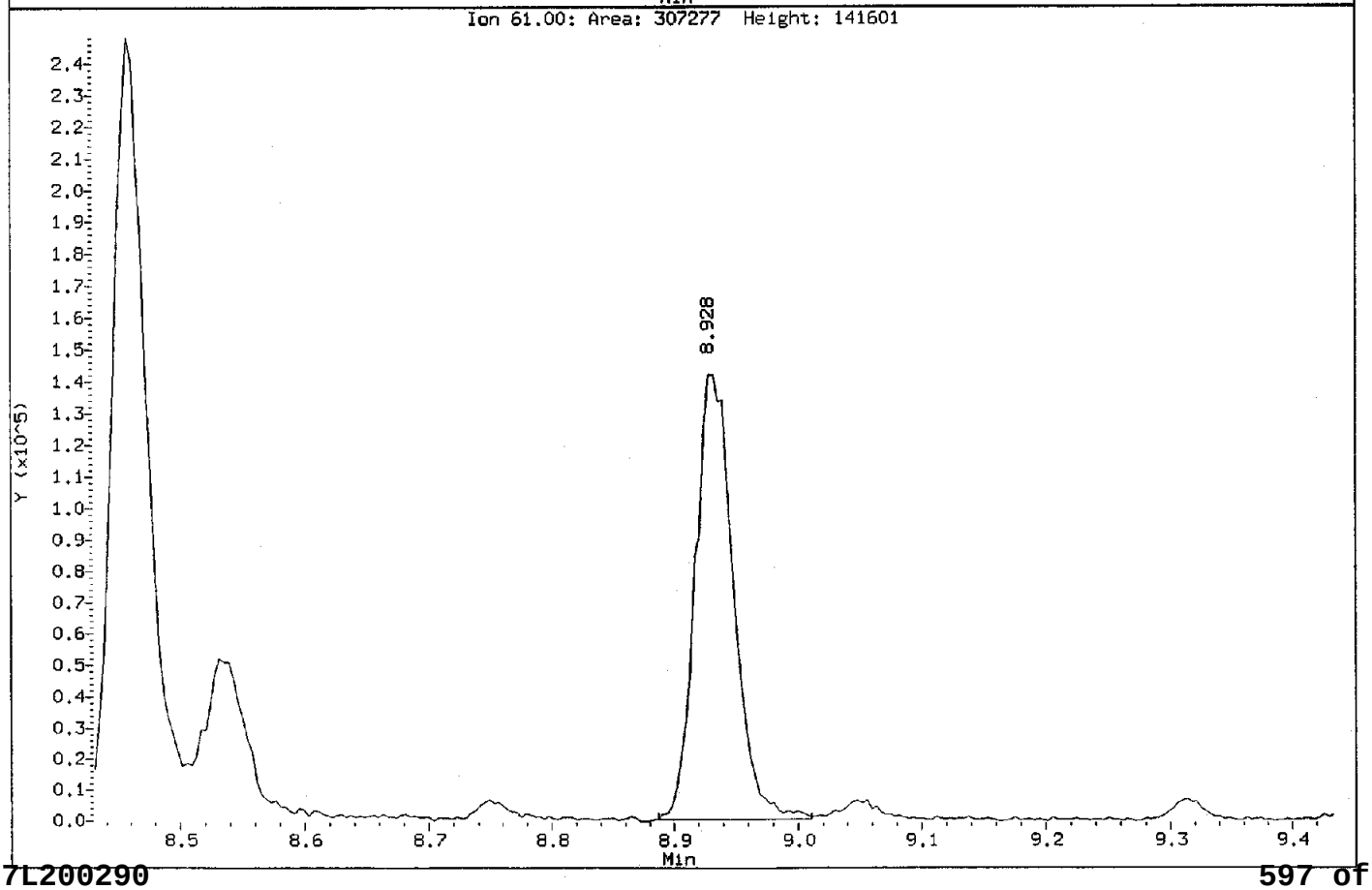
Injection Date: 27-DEC-2007 12:46
Instrument: MSL.i
Client Sample ID: VLCSL361B

Compound: Ethyl acetate
CAS Number: 141-78-6





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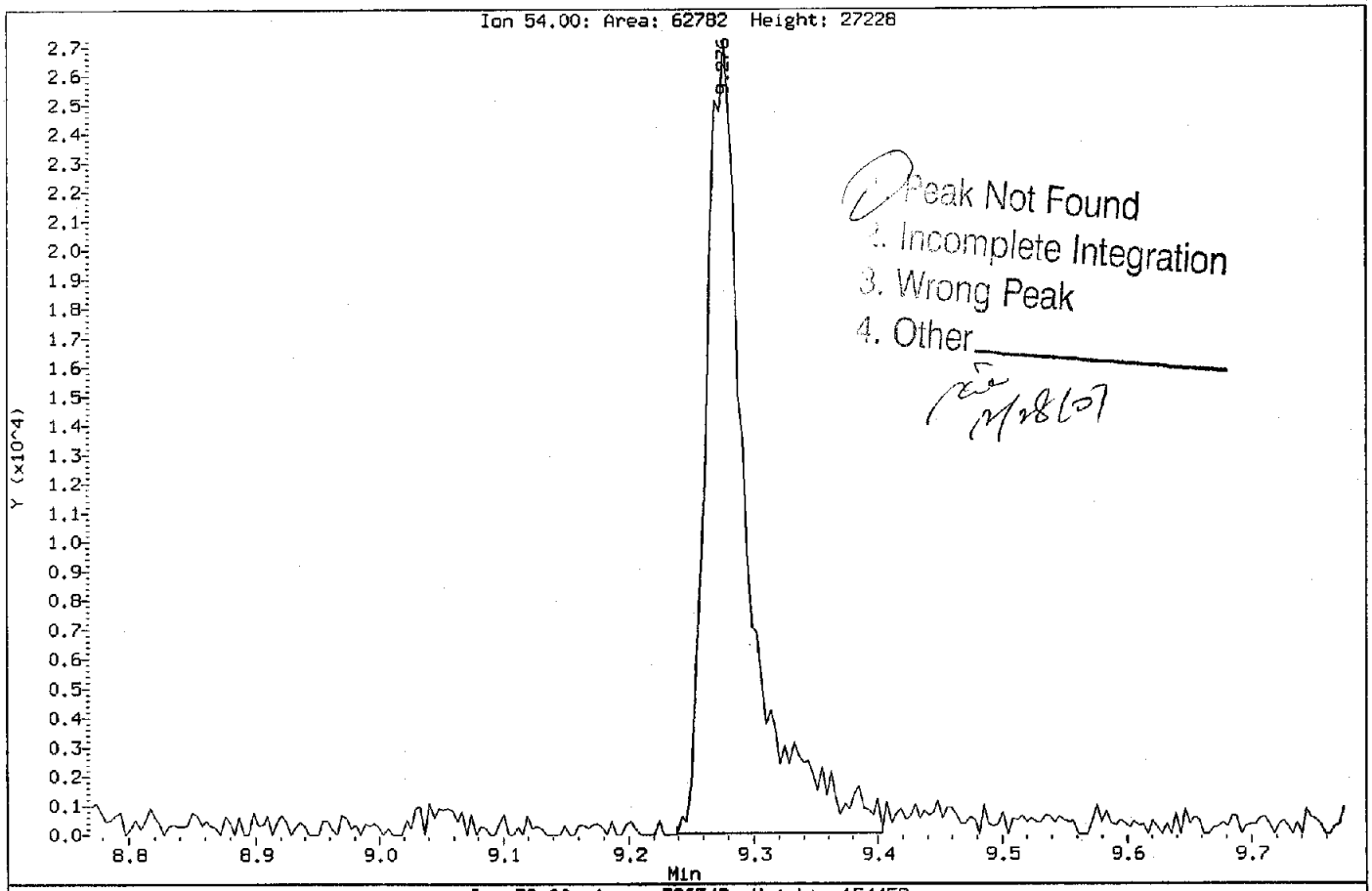
Instrument: MSL.i
Client Sample ID: VLCSL361B

Compound: Propionitrile
CAS Number: 107-12-0



Peak Not Found
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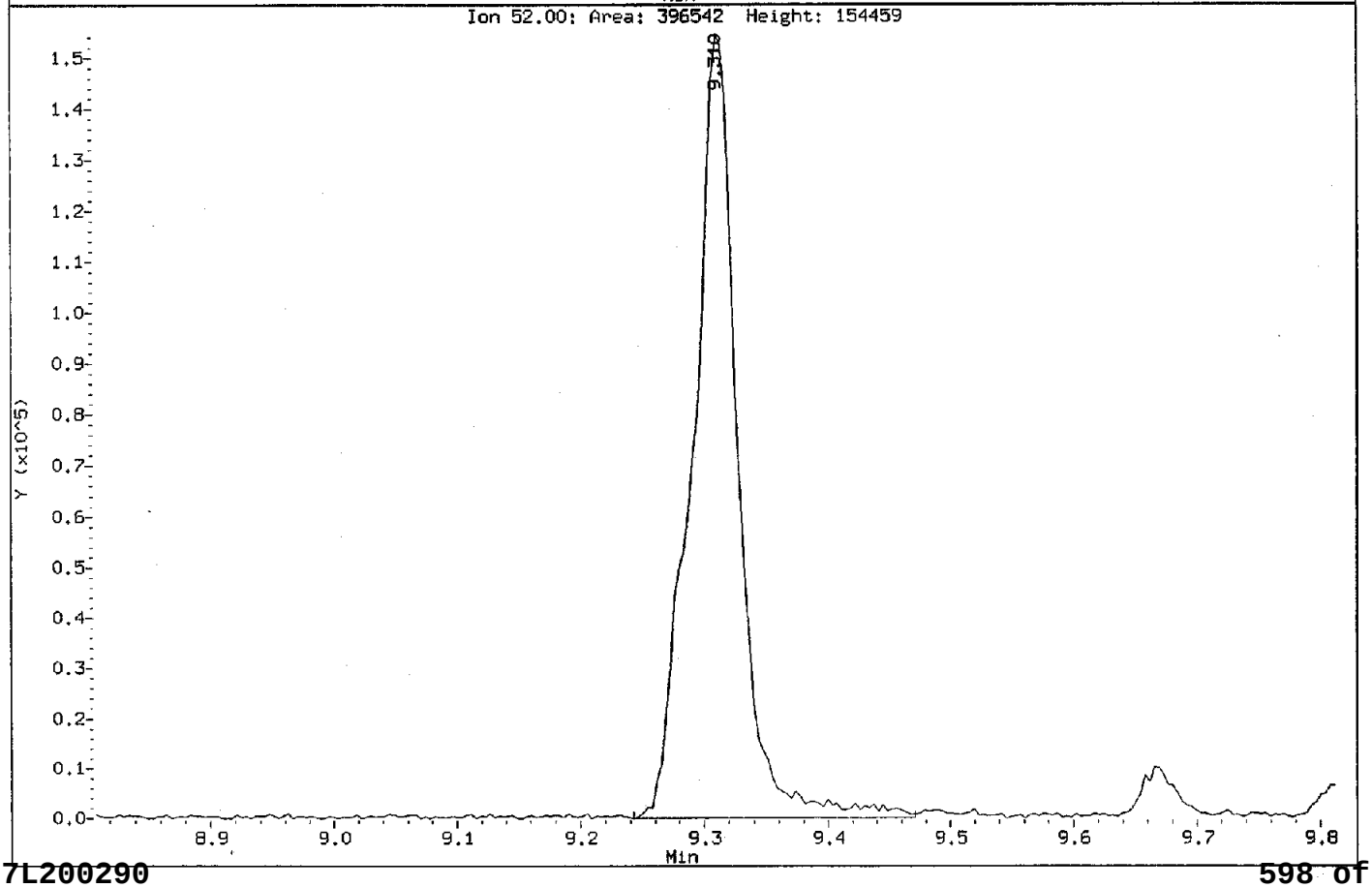
3. Wrong Peak
4. Other



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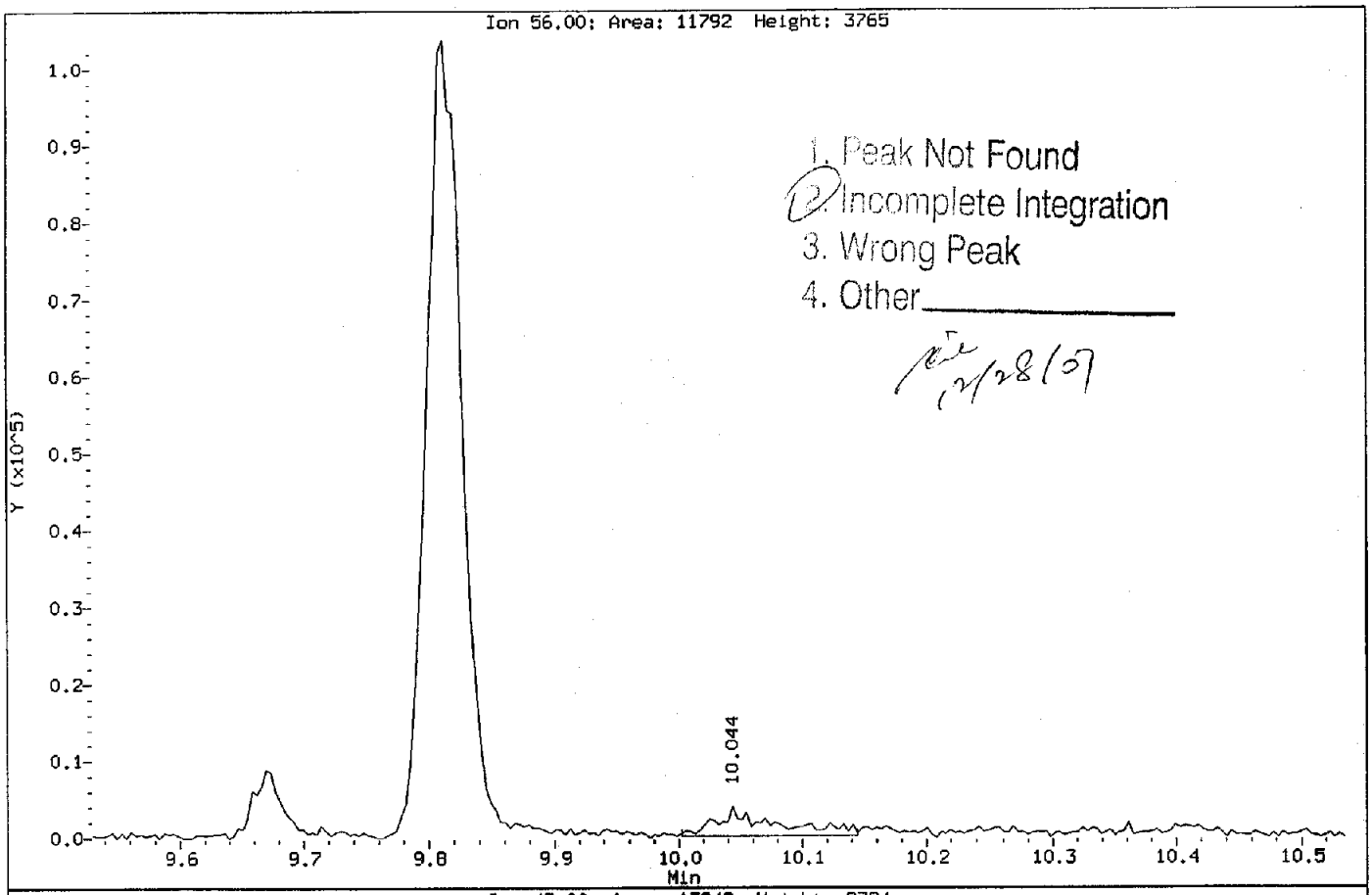
Injection Date: 27-DEC-2007 12:46
Instrument: MSL.i
Client Sample ID: VLCSL361B

Compound: n-Butanol
CAS Number: 71-36-3



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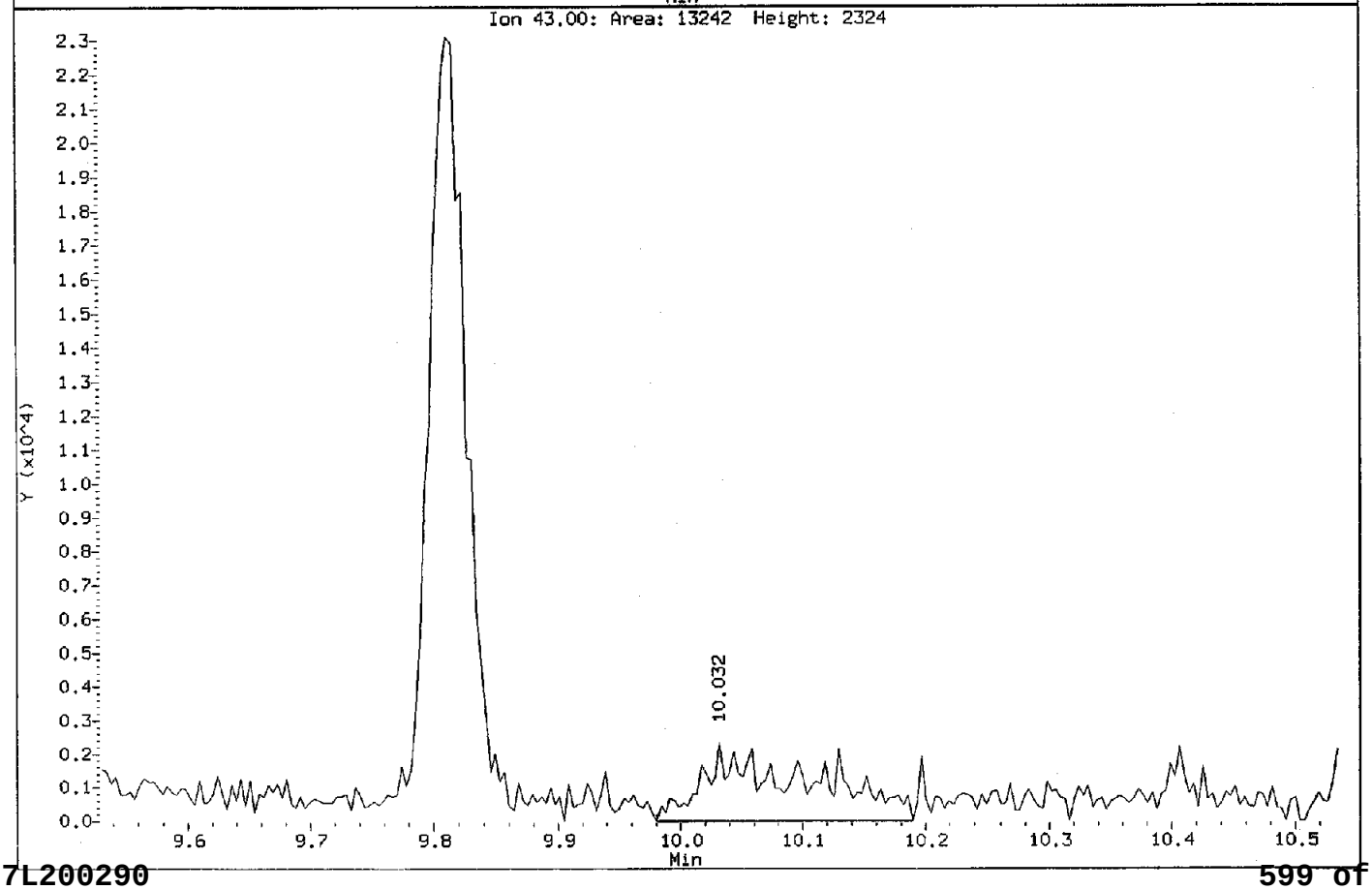
12/28/07



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Report Date: 02-Jan-2008 11:34

TestAmerica St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071231A.B\LLCS7557.D
Lab Smp Id: KE00W1AC Client Smp ID: VLCSL365A
Inj Date : 31-DEC-2007 13:04
Operator : XIA Inst ID: MSL.i
Smp Info : KE00W1AC
Misc Info : VBLKL365A;F8A020000-105C;8002105
Comment : NONE
Method : \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m
Meth Date : 02-Jan-2008 09:35 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.464	3.461	(0.358)	274326	8.17931	8.179
2	Freon-114	135	3.745	3.745	(0.387)	128354	16.2650	16.26(R)
3	Chloromethane	50	3.906	3.898	(0.404)	458226	7.51429	7.514
4	Vinyl Chloride	62	4.097	4.097	(0.424)	449270	8.70254	8.702
5	Bromomethane	94	4.800	4.800	(0.496)	457699	14.1035	14.10
6	Chloroethane	64	5.032	5.025	(0.520)	340756	10.9235	10.92
7	Trichlorofluoromethane	101	5.279	5.276	(0.546)	411809	9.03042	9.030
8	Diethyl ether	59	5.792	5.792	(0.599)	203771	23.1110	23.11
9	1,1-Dichloroethene	96	6.144	6.148	(0.635)	232107	9.28616	9.286
10	1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	259604	10.2786	10.28
11	Carbon Disulfide	76	6.305	6.308	(0.652)	844528	10.2823	10.28
12	Iodomethane	142	6.428	6.428	(0.665)	70287	8.05385	8.054
13	Acrolein	56	6.630	6.619	(0.686)	18435	41.8028	41.80
14	Allyl chloride	39	6.810	6.814	(0.704)	254973	9.02691	9.027
15	Methylene Chloride	84	6.963	6.963	(0.720)	246305	10.5651	10.56
16	Acetone	43	6.978	6.971	(0.722)	25388	12.0381	12.04(M)
17	trans-1,2-Dichloroethene	96	7.177	7.177	(0.742)	289431	9.63012	9.630
18	n-Hexane	57	7.173	7.177	(0.742)	580992	10.9504	10.95
19	Methyl Acetate	74	7.132	7.121	(0.738)	16437	7.33844	7.338(RM)
20	MTBE	73	7.210	7.214	(0.746)	317301	11.6766	11.68
M 21	1,2-Dichloroethene (total)	96				552746	19.8128	19.81
22	Acetonitrile	41	7.562	7.562	(0.782)	31868	49.9119	49.91

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Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LLCS7557.D
Report Date: 02-Jan-2008 11:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.914	7.906	(0.818)	135019	58.4230	58.42
	24 1,1-Dichloroethane	63	7.873	7.869	(0.814)	518224	9.78770	9.788
	25 2-Chloro-1,3-butadiene	53	7.839	7.839	(0.811)	389225	9.12808	9.128
	26 Vinyl acetate	43	8.082	8.079	(0.836)	173544	12.9498	12.95(R)
	27 cis-1,2-Dichloroethene	96	8.460	8.456	(0.875)	263315	10.1827	10.18
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	423872	9.60168	9.602
	29 Bromochloromethane	128	8.696	8.700	(0.899)	64250	10.7041	10.70
	30 Cyclohexane	84	8.662	8.666	(0.896)	476646	10.2613	10.26
	31 Chloroform	83	8.707	8.703	(0.901)	413606	9.53892	9.539
	32 Ethyl acetate	43	8.748	8.752	(0.905)	69561	55.2576	55.26(R)
	33 Carbon Tetrachloride	117	8.894	8.894	(0.920)	350243	9.88490	9.885
	34 Isobutanol	42	8.898	8.891	(0.920)	90504	224.172	224.2
	35 Tetrahydrofuran	71	8.890	8.894	(0.920)	34926	57.9443	57.94
$	36 Dibromofluoromethane	113	8.902	8.906	(0.921)	172972	11.1376	11.14
	37 1,1,1-Trichloroethane	97	8.932	8.932	(0.924)	393238	9.22512	9.225
	38 2-Butanone	43	8.965	8.962	(0.927)	17356	8.31206	8.312
	39 1,1-Dichloropropene	75	9.048	9.051	(0.936)	401829	9.72559	9.726
	40 Benzene	78	9.313	9.313	(0.963)	1184679	9.77487	9.775
	41 Propionitrile	54	9.280	9.272	(0.960)	45879	62.1570	62.16(RM)
	42 Methacrylonitrile	41	9.283	9.284	(0.960)	235406	69.7942	69.79(R)
$	43 1,2-Dichloroethane-d4	65	9.441	9.444	(0.976)	131273	10.7486	10.75
	44 1,2-Dichloroethane	62	9.512	9.512	(0.984)	170111	10.4534	10.45
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	1047555	10.0000	
	46 n-Butanol	56	10.039	10.032	(1.038)	7796	91.6796	91.68
	47 Methylcyclohexane	55	9.811	9.811	(1.015)	427728	9.72525	9.725
	48 Trichloroethene	130	9.849	9.849	(1.019)	282082	9.60970	9.610
	49 Dibromomethane	93	10.313	10.305	(1.067)	56983	10.8684	10.87
	50 1,2-Dichloropropane	63	10.324	10.320	(1.068)	241725	10.5244	10.52
	51 Bromodichloromethane	83	10.387	10.387	(1.074)	235844	10.7004	10.70
M	52 Xylenes (total)	106				1562355	27.4742	27.47
	53 Methyl methacrylate	69	10.402	10.402	(1.076)	43665	10.1129	10.11
	54 1,4-Dioxane	88	10.556	10.552	(1.092)	17479	150.049	150.0(RM)
	55 2-chloroethyl vinyl ether	63	10.803	10.799	(1.117)	15769	5.55060	5.551
	56 cis-1,3-Dichloropropene	75	10.926	10.930	(1.130)	245373	10.7813	10.78
$	57 Toluene-d8	98	11.083	11.084	(0.885)	992237	10.2796	10.28
	58 Toluene	91	11.136	11.136	(0.889)	1221690	9.02924	9.029
	59 2-Nitro-Propane	43	11.297	11.301	(0.902)	35675	9.81121	9.811
	60 4-Methyl-2-pentanone	43	11.368	11.360	(0.907)	59489	10.3604	10.36
	61 trans-1,3-Dichloropropene	75	11.495	11.491	(0.918)	167149	10.3772	10.38
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	215547	9.56521	9.565
	63 Ethyl methacrylate	69	11.510	11.506	(0.919)	111299	9.73182	9.732
	64 1,1,2-Trichloroethane	97	11.656	11.660	(0.930)	99021	9.91290	9.913
	65 Chlorodibromomethane	129	11.888	11.888	(0.949)	104348	10.8675	10.87
	66 1,3-Dichloropropane	76	11.910	11.911	(0.951)	188662	10.2566	10.26
	67 1,2-Dibromoethane	107	12.150	12.150	(0.970)	70621	9.94404	9.944
	68 2-Hexanone	43	12.120	12.116	(0.967)	33325	9.85539	9.855
	69 Ethylbenzene	106	12.498	12.502	(0.998)	435435	8.96270	8.963
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	645580	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	649010	9.37340	9.373
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	177531	9.57483	9.575
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1109062	18.0870	18.09
	74 o-Xylene	106	13.033	13.033	(1.040)	453293	9.38718	9.387
	75 Styrene	104	13.089	13.089	(1.045)	641182	9.09159	9.092
	76 Bromoform	173	13.258	13.254	(0.900)	44719	10.9637	10.96

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LLCS7557.D
Report Date: 02-Jan-2008 11:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
77	Isopropylbenzene	105	13.291	13.291	(0.903)	1182243	8.25590	8.256
$ 78	4-Bromofluorobenzene	95	13.643	13.643	(0.927)	238105	9.55599	9.556
79	n-Propylbenzene	91	13.681	13.681	(0.929)	1654011	8.29375	8.294
80	Bromobenzene	156	13.789	13.785	(0.936)	191593	9.45008	9.450
81	1,1,2,2-Tetrachloroethane	83	13.763	13.763	(0.935)	102944	9.99768	9.998
82	1,3,5-Trimethylbenzene	105	13.830	13.834	(0.939)	1035680	8.53910	8.539
83	2-Chlorotoluene	91	13.909	13.909	(0.945)	818666	8.60121	8.601
84	1,2,3-Trichloropropane	110	13.931	13.931	(0.946)	27756	10.4289	10.43
85	trans-1,4-dichloro-2-butene	53	13.935	13.939	(0.946)	22090	9.13980	9.140
86	4-Chlorotoluene	91	14.047	14.047	(0.954)	780529	8.77815	8.778
87	Cyclohexanone	55	14.006	14.006	(0.951)	25258	100.339	100.3
88	t-Butylbenzene	119	14.160	14.160	(0.962)	926018	8.54357	8.544
89	Pentachloroethane	167	14.276	14.279	(0.970)	106655	10.6521	10.65
90	1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1025368	8.71965	8.720
91	sec-Butylbenzene	105	14.328	14.328	(0.973)	1488546	8.36769	8.368
92	4-Isopropyltoluene	119	14.436	14.437	(0.980)	1172908	8.68547	8.685
93	1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	430694	9.22447	9.224
* 94	1,4 Dichlorobenzene-d4	152	14.725	14.721	(1.000)	253565	10.0000	
95	1,4-Dichlorobenzene	146	14.743	14.743	(1.001)	422688	9.18041	9.180
96	n-Butylbenzene	91	14.859	14.859	(1.009)	1240501	8.62744	8.627
98	1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	321964	9.32079	9.321
99	1,2-Dibromo-3-chloropropane	157	15.978	15.978	(1.085)	9384	8.54393	8.544
100	Hexachlorobutadiene	225	16.558	16.558	(1.125)	123353	9.08187	9.082
101	1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	183816	11.7957	11.80
102	Naphthalene	128	17.075	17.075	(1.160)	201145	11.1845	11.18
103	1,2,3-Trichlorobenzene	180	17.296	17.292	(1.175)	111797	12.8166	12.82(R)
143	Nonanal	57	15.746	15.746	(1.629)	36496	5.18806	5.188

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LLCS7557.D
Report Date: 02-Jan-2008 09:54

TestAmerica St. Louis

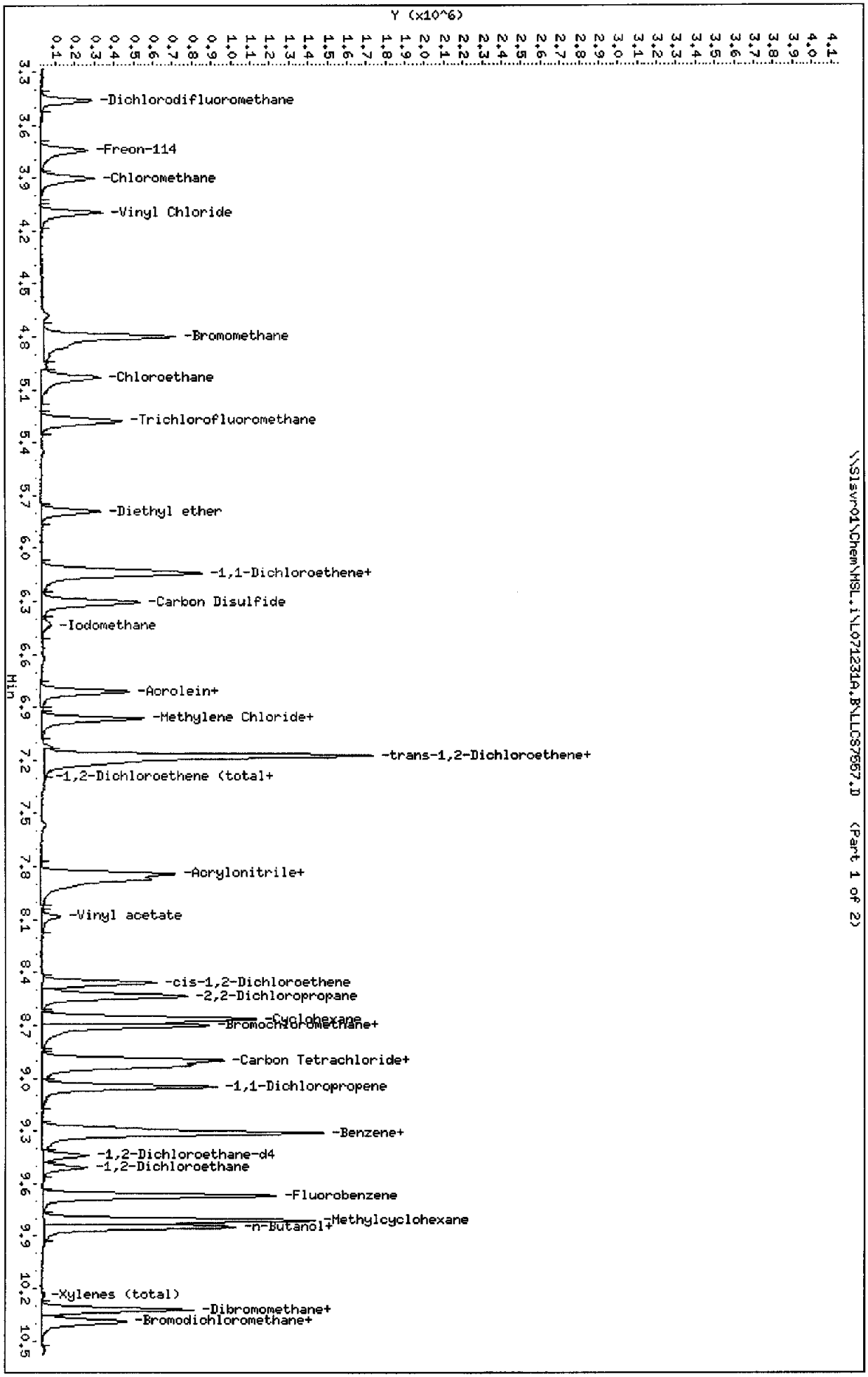
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LLCS7557.D
Lab Smp Id: KE00W1AC
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 31-DEC-2007
Calibration Time: 12:11
Client Smp ID: VLCSL365A
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m
Misc Info: VBLKL365A;F8A020000-105C;8002105

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1025863	512932	2051726	1047555	2.11
70 Chlorobenzene-d5	641041	320521	1282082	645580	0.71
94 1,4 Dichlorobenze	244965	122483	489930	253565	3.51

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.73	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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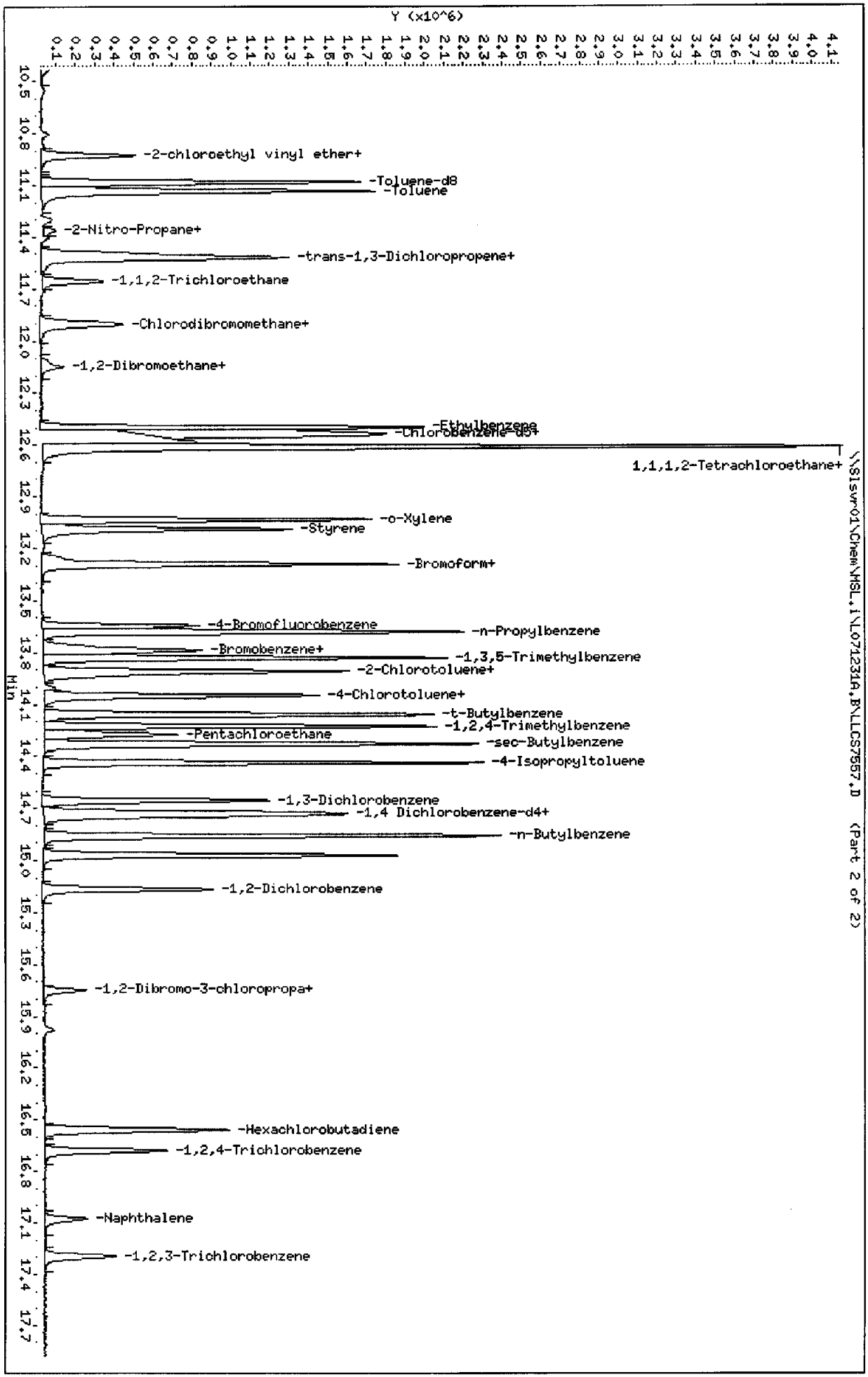
Date : 31-DEC-2007 13:04
Client ID: VLCSL365A
Sample Info: KE00W1AC
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\LO71231A.B\LLCS7557.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Acrolein+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-n-Butanol+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+



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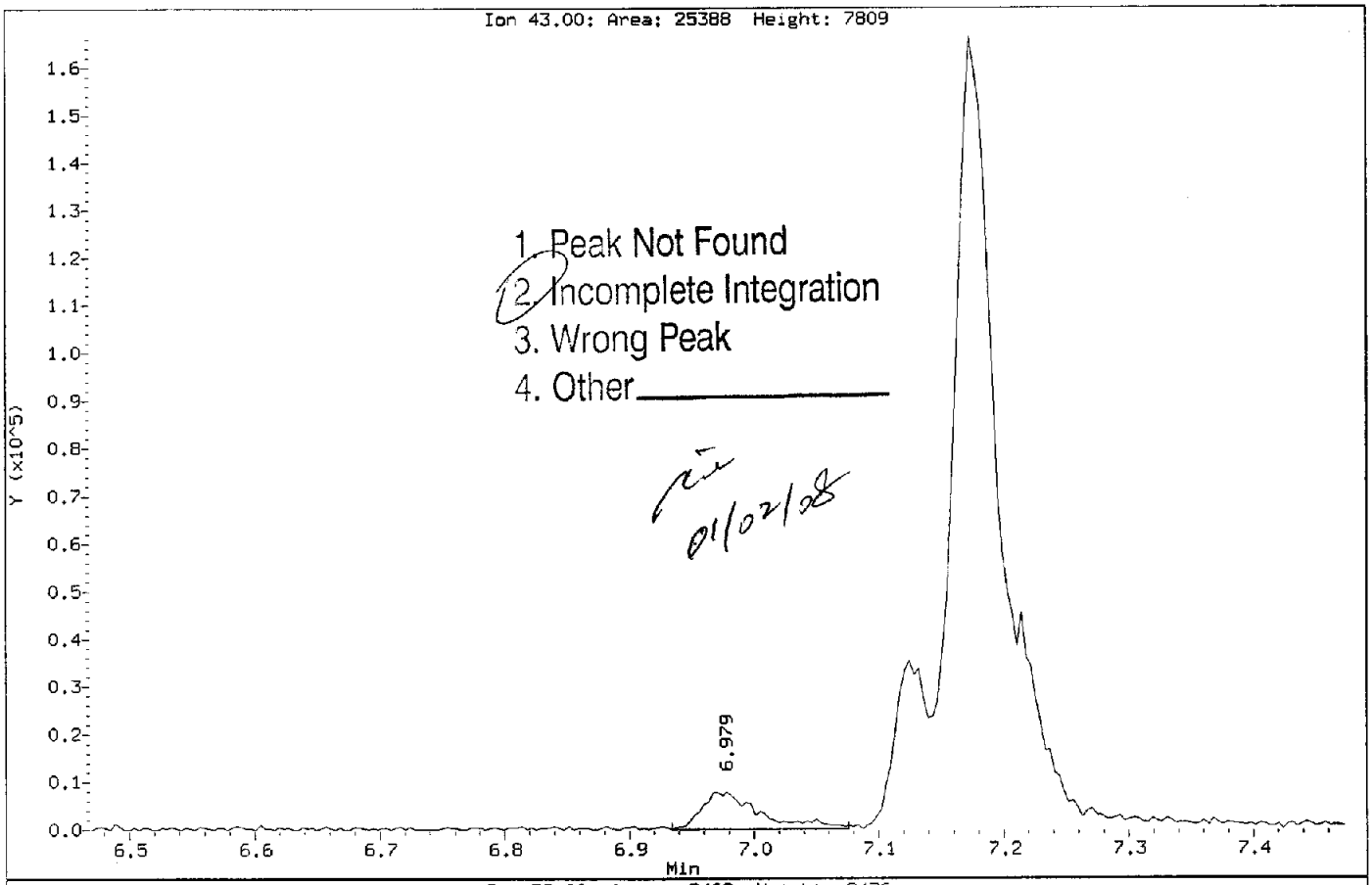
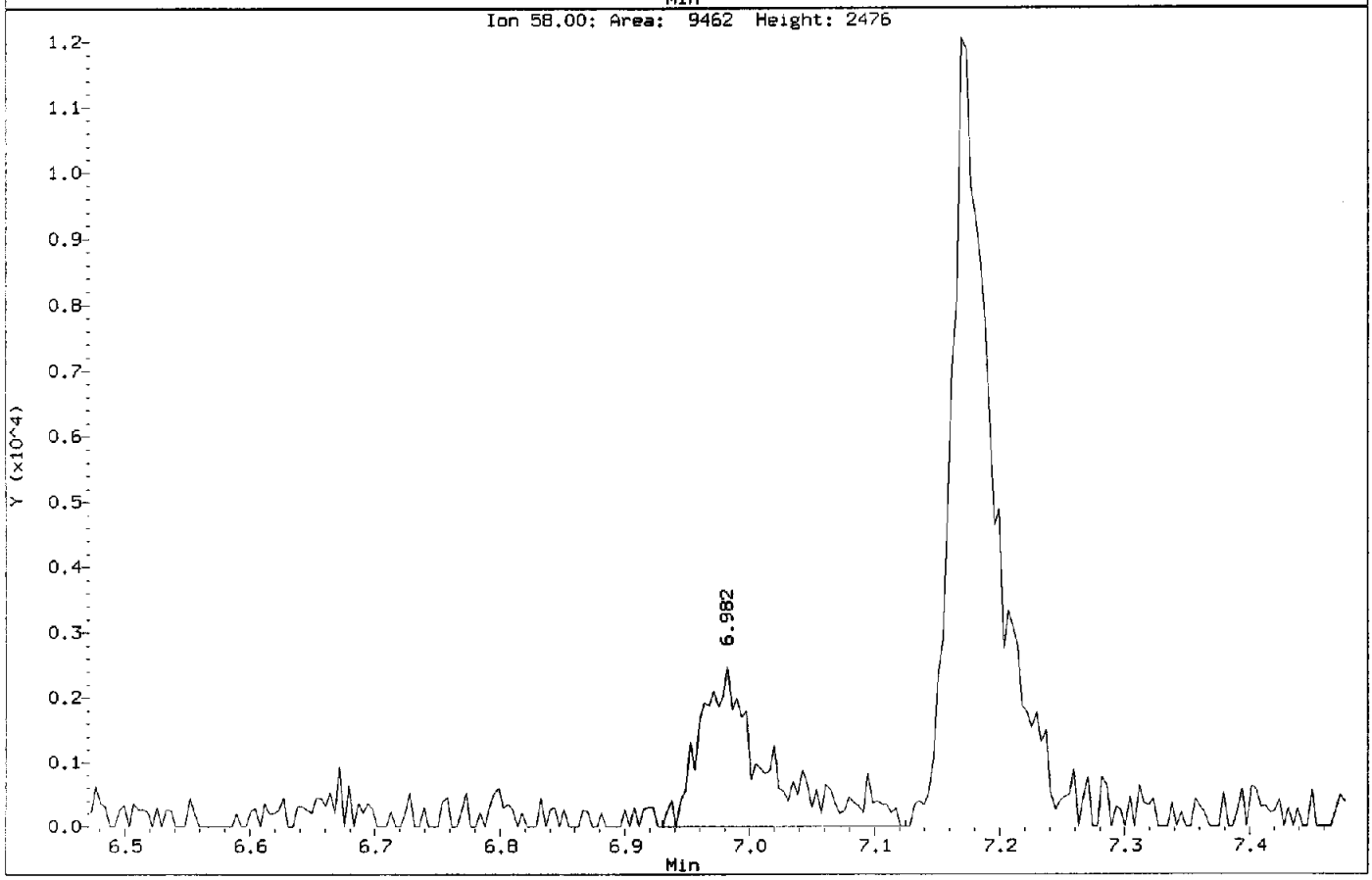
Client ID: VLCSL3658
Sample Info: KE0MMAC
Purge Volume: 25.0
Column phase: RTX-502.2

Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LLCS7557.D
Injection Date: 31-DEC-2007 13:04
Instrument: MSL.i
Client Sample ID: VLCSL365A

Compound: Acetone
CAS Number: 67-64-1





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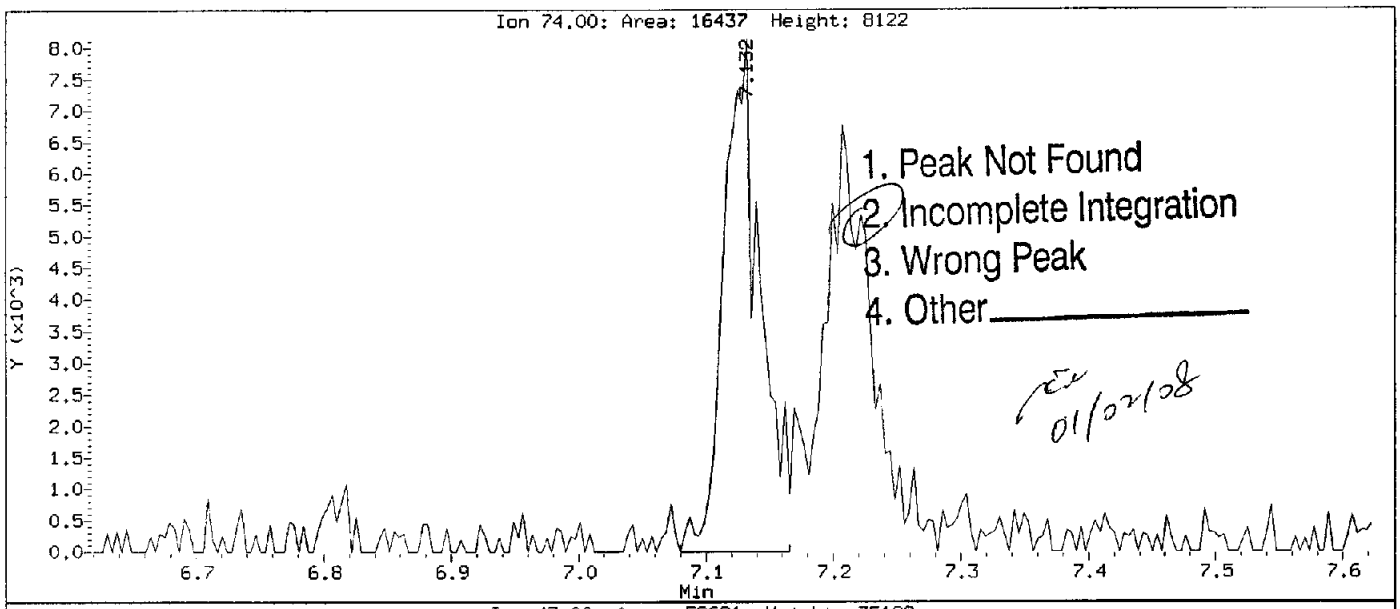
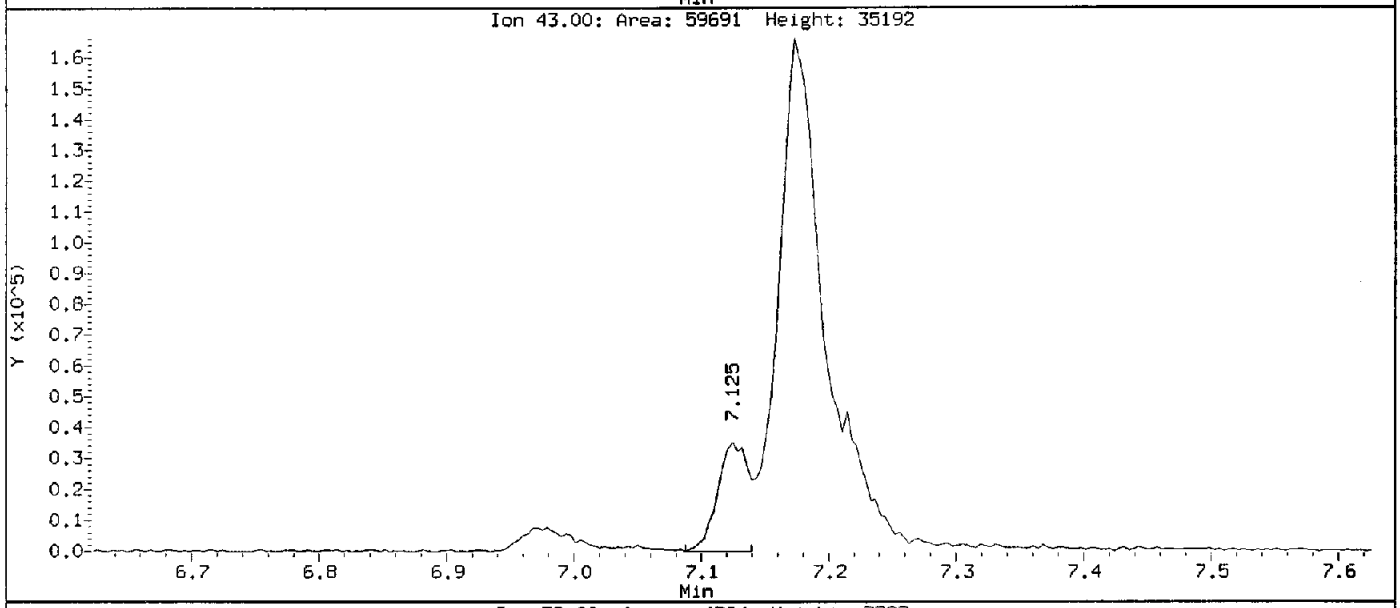
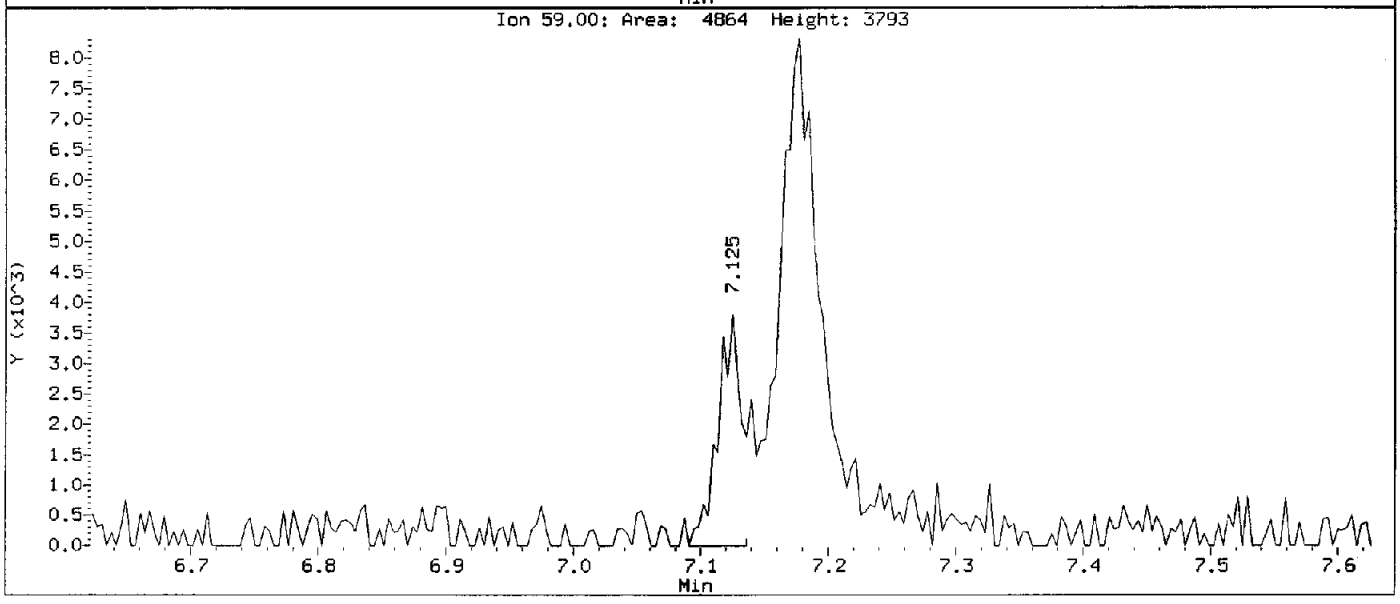
Injection Date: 31-DEC-2007 13:04
Instrument: MSL.i
Client Sample ID: VLCSL365A

Compound: Methyl Acetate
CAS Number:







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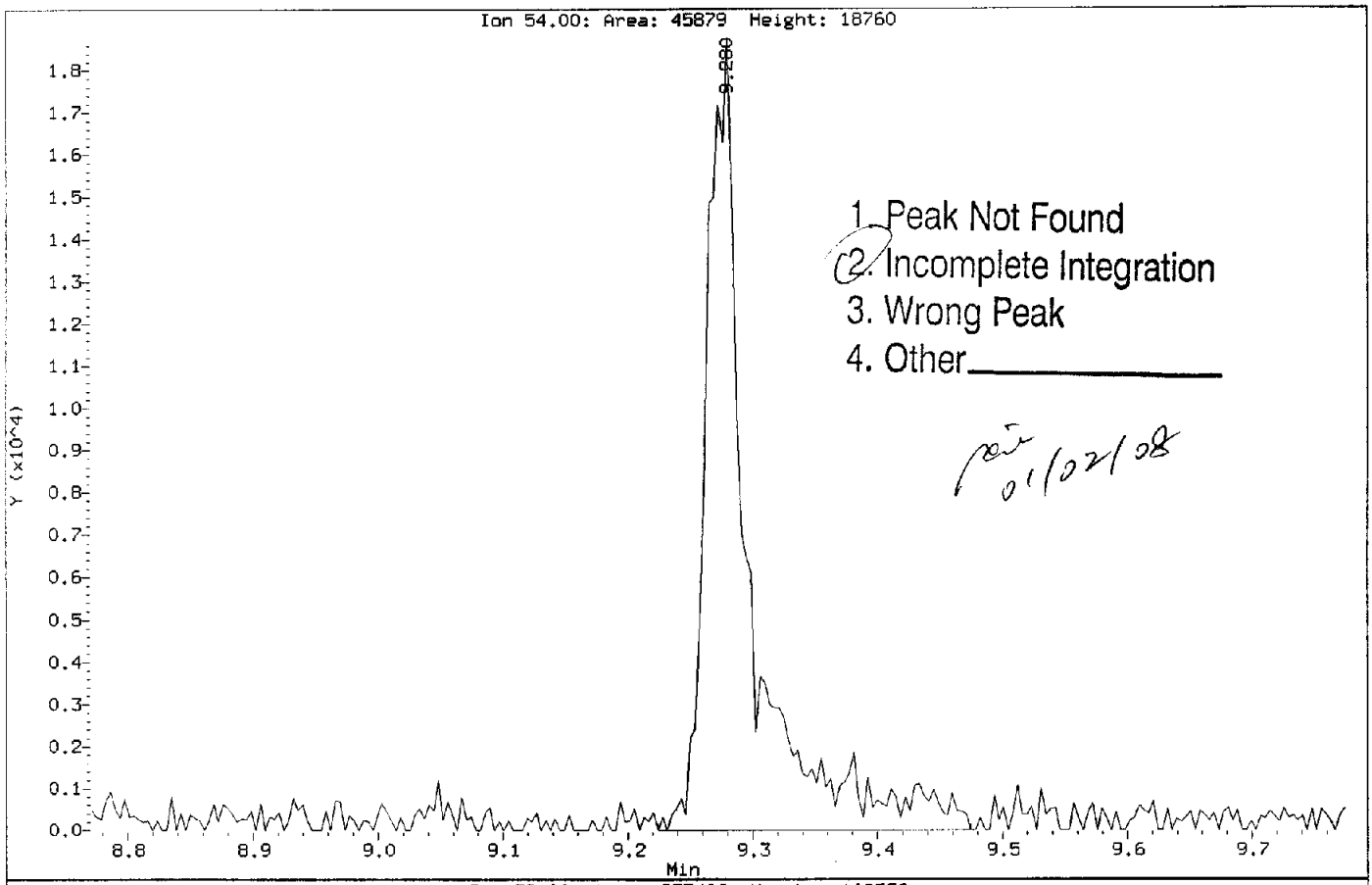
Injection Date: 31-DEC-2007 13:04
Instrument: MSL.i
Client Sample ID: VLCSL365A

Compound: Propionitrile
CAS Number: 107-12-0



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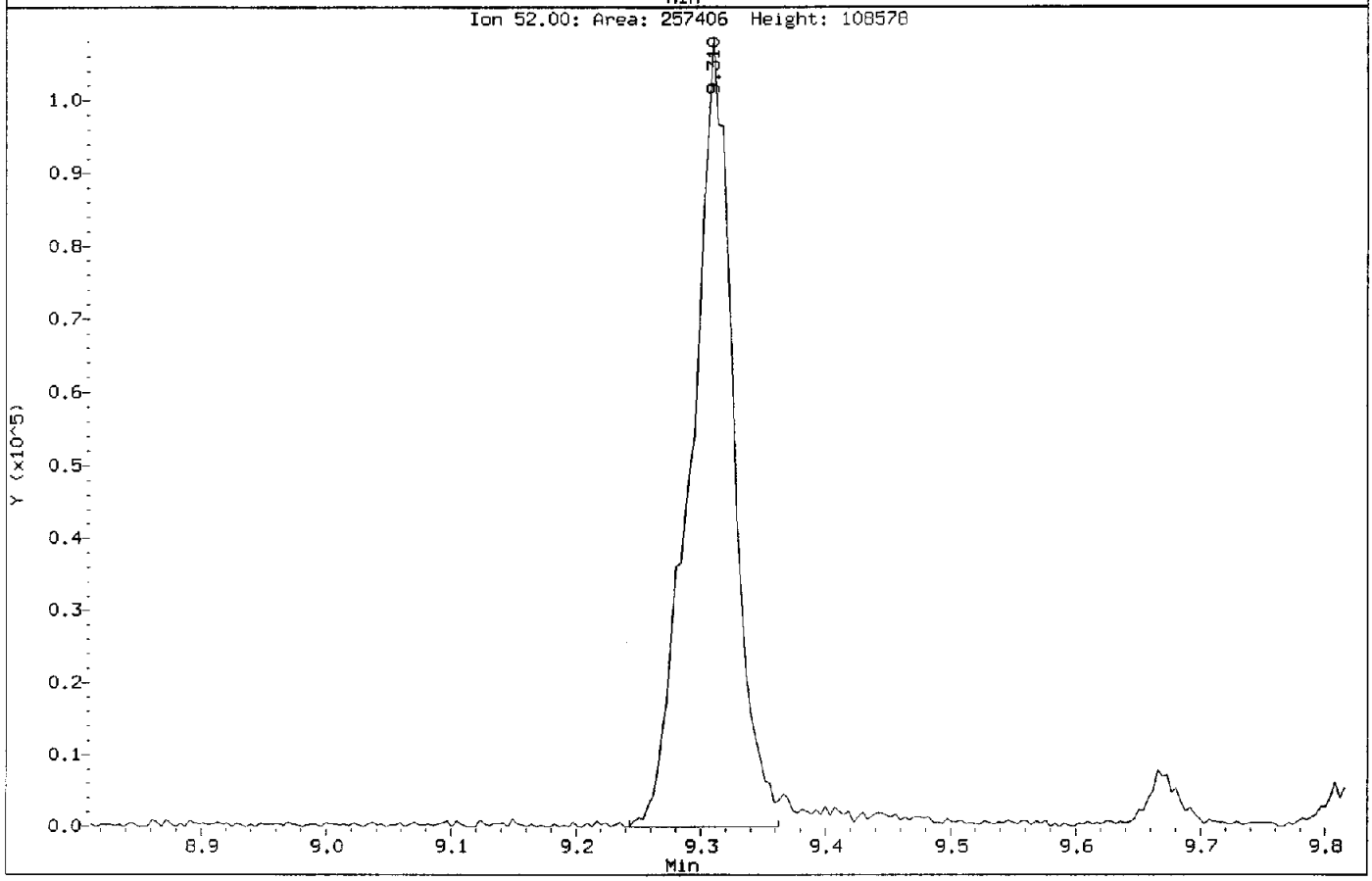

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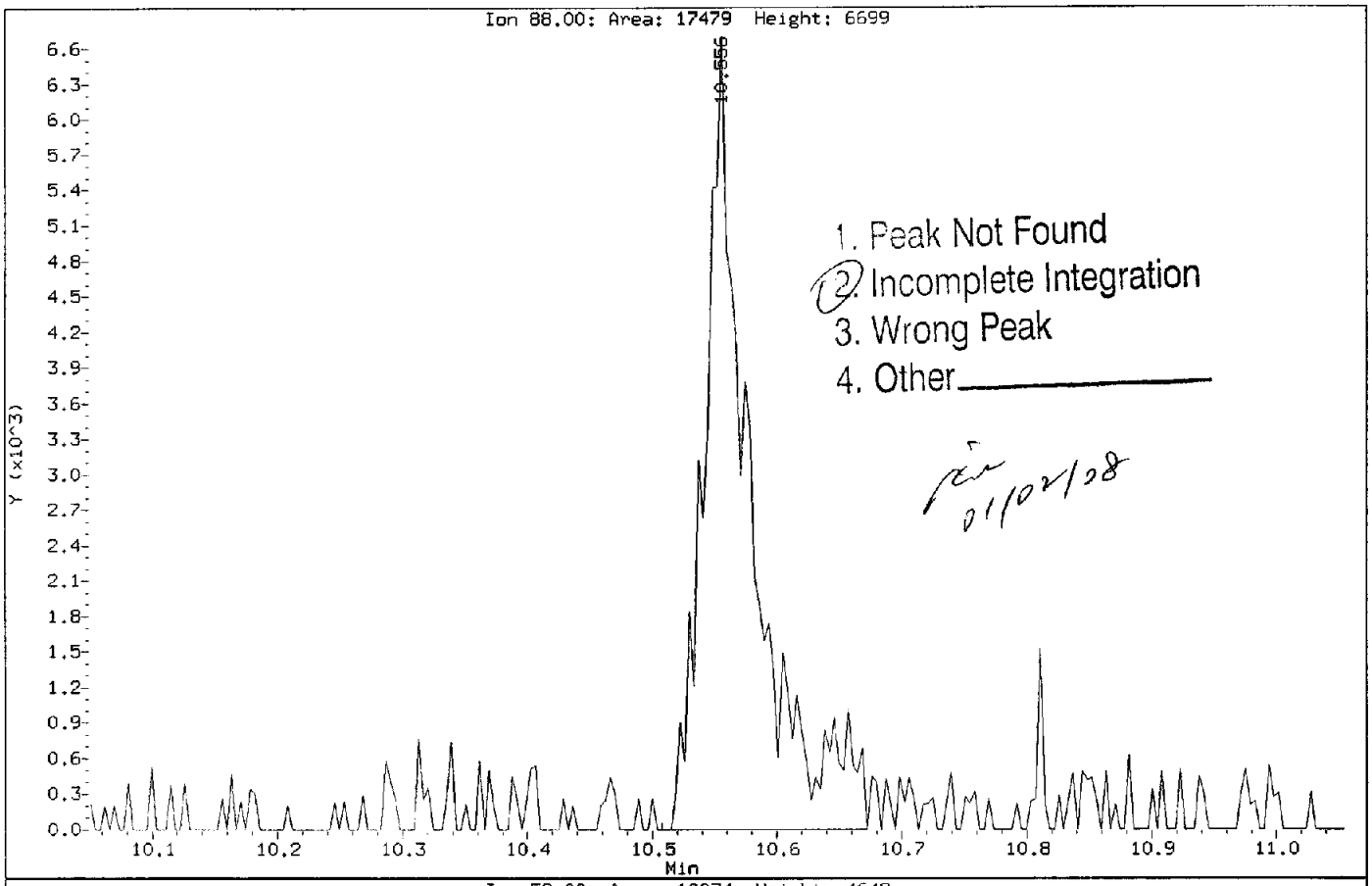
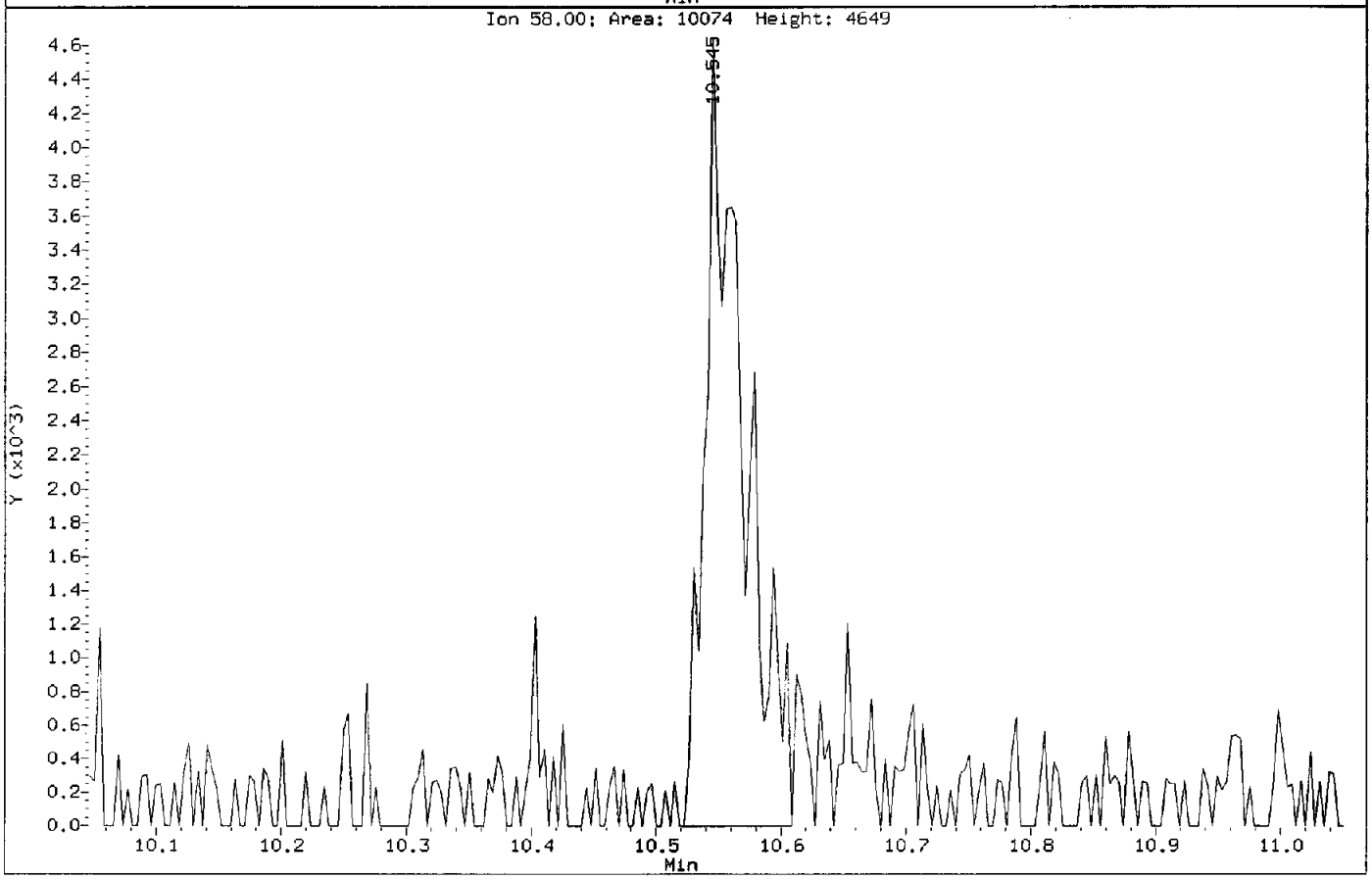
Injection Date: 31-DEC-2007 13:04
Instrument: MSL.i
Client Sample ID: VLCSL365A

Compound: 1,4-Dioxane
CAS Number: 123-91-1





Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LLCS7558.D
Report Date: 02-Jan-2008 10:19

TestAmerica St. Louis

GC/MS VOLATILES

Data file : \\Slsvr01\Chem\MSL.i\L071231A.B\LLCS7558.D
Lab Smp Id: KE00W1AD Client Smp ID: VLCSL365B
Inj Date : 31-DEC-2007 13:30
Operator : XIA Inst ID: MSL.i
Smp Info : KE00W1AD
Misc Info : VBLKL365A;F8A020000-105L;8002105
Comment : NONE
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Meth Date : 02-Jan-2008 09:35 hongs Quant Type: ISTD
Cal Date : 17-DEC-2007 17:33 Cal File: LCAL7332.D
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: 4.10
Processing Host: SLVOA03

Concentration Formula: Amt * DF * Vod/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vod	25.000	DefSampleVolume (mL)
Vo	25.000	Volume of Sample Purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1	Dichlorodifluoromethane	85	3.461	3.461	(0.358)	278778	8.08681	8.087
2	Freon-114	135	3.737	3.745	(0.387)	130041	16.0322	16.03(RM)
3	Chloromethane	50	3.902	3.898	(0.404)	471540	7.52308	7.523
4	Vinyl Chloride	62	4.093	4.097	(0.423)	466388	8.78931	8.789
5	Bromomethane	94	4.797	4.800	(0.496)	429897	12.8878	12.89
6	Chloroethane	64	5.029	5.025	(0.520)	339951	10.6024	10.60
7	Trichlorofluoromethane	101	5.276	5.276	(0.546)	416560	8.88706	8.887
8	Diethyl ether	59	5.788	5.792	(0.599)	209392	23.1050	23.10
9	1,1-Dichloroethene	96	6.155	6.148	(0.637)	236939	9.22260	9.222
10	1,1,2-Trichlorofluoroethane	101	6.129	6.129	(0.634)	253835	9.77786	9.778
11	Carbon Disulfide	76	6.308	6.308	(0.652)	841151	9.96362	9.964
12	Iodomethane	142	6.428	6.428	(0.665)	74194	8.27115	8.271
13	Acrolein	56	6.623	6.619	(0.685)	18636	41.1134	41.11
14	Allyl chloride	39	6.810	6.814	(0.704)	261360	9.00229	9.002
15	Methylene Chloride	84	6.967	6.963	(0.721)	252314	10.5296	10.53
16	Acetone	43	6.974	6.971	(0.721)	24998	11.4533	11.45
17	trans-1,2-Dichloroethene	96	7.173	7.177	(0.742)	273103	8.84061	8.841
18	n-Hexane	57	7.177	7.177	(0.742)	584886	10.7251	10.72
19	Methyl Acetate	74	7.135	7.121	(0.738)	18133	7.87625	7.876(RM)
20	MTBE	73	7.218	7.214	(0.747)	341171	12.2147	12.21
M 21	1,2-Dichloroethene (total)	96				553201	19.3788	19.38
22	Acetonitrile	41	7.566	7.562	(0.782)	30269	46.0651	46.06

01/02/08

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LLCS7558.D
Report Date: 02-Jan-2008 10:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	23 Acrylonitrile	53	7.910	7.906	(0.818)	138874	58.4627	58.46
	24 1,1-Dichloroethane	63	7.873	7.869	(0.814)	539639	9.91597	9.916
	25 2-Chloro-1,3-butadiene	53	7.839	7.839	(0.811)	405787	9.25861	9.259
	26 Vinyl acetate	43	8.082	8.079	(0.836)	184587	13.4005	13.40(R)
	27 cis-1,2-Dichloroethene	96	8.456	8.456	(0.875)	280098	10.5382	10.54
	28 2,2-Dichloropropane	77	8.535	8.535	(0.883)	422853	9.31903	9.319
	29 Bromochloromethane	128	8.700	8.700	(0.900)	67583	10.9543	10.95
	30 Cyclohexane	84	8.662	8.666	(0.896)	460858	9.65260	9.653
	31 Chloroform	83	8.707	8.703	(0.901)	438864	9.84716	9.847
	32 Ethyl acetate	43	8.752	8.752	(0.905)	74310	57.4086	57.41(R)
	33 Carbon Tetrachloride	117	8.898	8.894	(0.920)	348484	9.56873	9.569
	34 Isobutanol	42	8.898	8.891	(0.920)	94906	228.705	228.7
	35 Tetrahydrofuran	71	8.894	8.894	(0.920)	33196	53.5817	53.58
$	36 Dibromofluoromethane	113	8.905	8.906	(0.921)	174598	10.9377	10.94
	37 1,1,1-Trichloroethane	97	8.932	8.932	(0.924)	407367	9.29761	9.298
	38 2-Butanone	43	8.965	8.962	(0.927)	21899	10.1536	10.15
	39 1,1-Dichloropropene	75	9.051	9.051	(0.936)	397513	9.36040	9.360
	40 Benzene	78	9.313	9.313	(0.963)	1181680	9.48591	9.486
	41 Propionitrile	54	9.276	9.272	(0.959)	43456	57.2789	57.28
	42 Methacrylonitrile	41	9.287	9.284	(0.961)	245330	70.7655	70.76(R)
$	43 1,2-Dichloroethane-d4	65	9.444	9.444	(0.977)	139517	11.1140	11.11
	44 1,2-Dichloroethane	62	9.512	9.512	(0.984)	173218	10.3559	10.36
*	45 Fluorobenzene	96	9.669	9.669	(1.000)	1076733	10.0000	
	46 n-Butanol	56	10.039	10.032	(1.038)	9954	113.885	113.9(M)
	47 Methylcyclohexane	55	9.811	9.811	(1.015)	415183	9.18420	9.184
	48 Trichloroethene	130	9.852	9.849	(1.019)	282457	9.36172	9.362
	49 Dibromomethane	93	10.313	10.305	(1.067)	59245	10.9937	10.99
	50 1,2-Dichloropropane	63	10.324	10.320	(1.068)	248797	10.5388	10.54
	51 Bromodichloromethane	83	10.391	10.387	(1.075)	242283	10.6947	10.69
M	52 Xylenes (total)	106				1573391	26.6481	26.65
	53 Methyl methacrylate	69	10.406	10.402	(1.076)	51973	11.7109	11.71
	54 1,4-Dioxane	88	10.556	10.552	(1.092)	14175	108.182	108.2(RM)
	55 2-chloroethyl vinyl ether	63	10.803	10.799	(1.117)	15540	5.32177	5.322
	56 cis-1,3-Dichloropropene	75	10.926	10.930	(1.130)	263357	11.2579	11.26
$	57 Toluene-d8	98	11.083	11.084	(0.885)	1003426	10.0005	10.00
	58 Toluene	91	11.136	11.136	(0.889)	1217240	8.65453	8.654
	59 2-Nitro-Propane	43	11.304	11.301	(0.902)	38166	10.0839	10.08
	60 4-Methyl-2-pentanone	43	11.368	11.360	(0.907)	69989	11.7259	11.72
	61 trans-1,3-Dichloropropene	75	11.491	11.491	(0.917)	174449	10.4189	10.42
	62 Tetrachloroethene	164	11.521	11.521	(0.920)	210713	8.99998	9.000
	63 Ethyl methacrylate	69	11.503	11.506	(0.918)	110218	9.33292	9.333
	64 1,1,2-Trichloroethane	97	11.652	11.660	(0.930)	102523	9.87351	9.874
	65 Chlorodibromomethane	129	11.888	11.888	(0.949)	114471	11.4688	11.47
	66 1,3-Dichloropropane	76	11.907	11.911	(0.950)	202775	10.6050	10.60
	67 1,2-Dibromoethane	107	12.150	12.150	(0.970)	73269	9.92491	9.925
	68 2-Hexanone	43	12.113	12.116	(0.967)	36953	10.4789	10.48
	69 Ethylbenzene	106	12.498	12.502	(0.998)	439160	8.69591	8.696
*	70 Chlorobenzene-d5	117	12.528	12.528	(1.000)	671078	10.0000	
	71 Chlorobenzene	112	12.547	12.547	(1.001)	672032	9.33711	9.337
	72 1,1,1,2-Tetrachloroethane	131	12.580	12.580	(1.004)	191111	9.91561	9.916
	73 m,p-Xylenes	106	12.614	12.614	(1.007)	1109542	17.4073	17.41
	74 o-Xylene	106	13.033	13.033	(1.040)	463849	9.24081	9.241
	75 Styrene	104	13.089	13.089	(1.045)	661393	9.02253	9.022
	76 Bromoform	173	13.258	13.254	(0.900)	47569	11.2870	11.29

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LLCS7558.D
Report Date: 02-Jan-2008 10:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	77 Isopropylbenzene	105	13.291	13.291	(0.903)	1183829	8.00085	8.001
$	78 4-Bromofluorobenzene	95	13.643	13.643	(0.927)	249863	9.70507	9.705
	79 n-Propylbenzene	91	13.681	13.681	(0.929)	1670633	8.10743	8.107
	80 Bromobenzene	156	13.789	13.785	(0.936)	197762	9.44035	9.440
	81 1,1,2,2-Tetrachloroethane	83	13.759	13.763	(0.934)	107997	10.1508	10.15
	82 1,3,5-Trimethylbenzene	105	13.830	13.834	(0.939)	1043371	8.32559	8.326
	83 2-Chlorotoluene	91	13.909	13.909	(0.945)	834379	8.48410	8.484
	84 1,2,3-Trichloropropane	110	13.928	13.931	(0.946)	28452	10.3463	10.35
	85 trans-1,4-dichloro-2-butene	53	13.935	13.939	(0.946)	24312	9.71841	9.718
	86 4-Chlorotoluene	91	14.047	14.047	(0.954)	795962	8.66355	8.664
	87 Cyclohexanone	55	14.010	14.006	(0.951)	22888	78.5654	78.56(M)
	88 t-Butylbenzene	119	14.160	14.160	(0.962)	922460	8.23677	8.237
	89 Pentachloroethane	167	14.272	14.279	(0.969)	108372	10.4821	10.48
	90 1,2,4-Trimethylbenzene	105	14.227	14.227	(0.966)	1036762	8.53273	8.533
	91 sec-Butylbenzene	105	14.328	14.328	(0.973)	1492904	8.12203	8.122
	92 4-Isopropyltoluene	119	14.437	14.437	(0.980)	1164338	8.34446	8.344
	93 1,3-Dichlorobenzene	146	14.657	14.657	(0.995)	438039	9.07977	9.080
*	94 1,4 Dichlorobenzene-d4	152	14.725	14.721	(1.000)	261999	10.0000	
	95 1,4-Dichlorobenzene	146	14.740	14.743	(1.001)	426131	8.95726	8.957
	96 n-Butylbenzene	91	14.859	14.859	(1.009)	1232512	8.29594	8.296
	98 1,2-Dichlorobenzene	146	15.166	15.166	(1.030)	327654	9.18016	9.180
	99 1,2-Dibromo-3-chloropropane	157	15.978	15.978	(1.085)	11804	10.4013	10.40
	100 Hexachlorobutadiene	225	16.558	16.558	(1.125)	121805	8.67922	8.679
	101 1,2,4-Trichlorobenzene	180	16.678	16.678	(1.133)	186627	11.5905	11.59
	102 Naphthalene	128	17.075	17.075	(1.160)	219063	11.7887	11.79
	103 1,2,3-Trichlorobenzene	180	17.296	17.292	(1.175)	115131	12.7739	12.77(R)
	143 Nonanal	57	15.746	15.746	(1.629)	43501	5.75782	5.758(M)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LLCS7558.D
Report Date: 02-Jan-2008 09:54

TestAmerica St. Louis

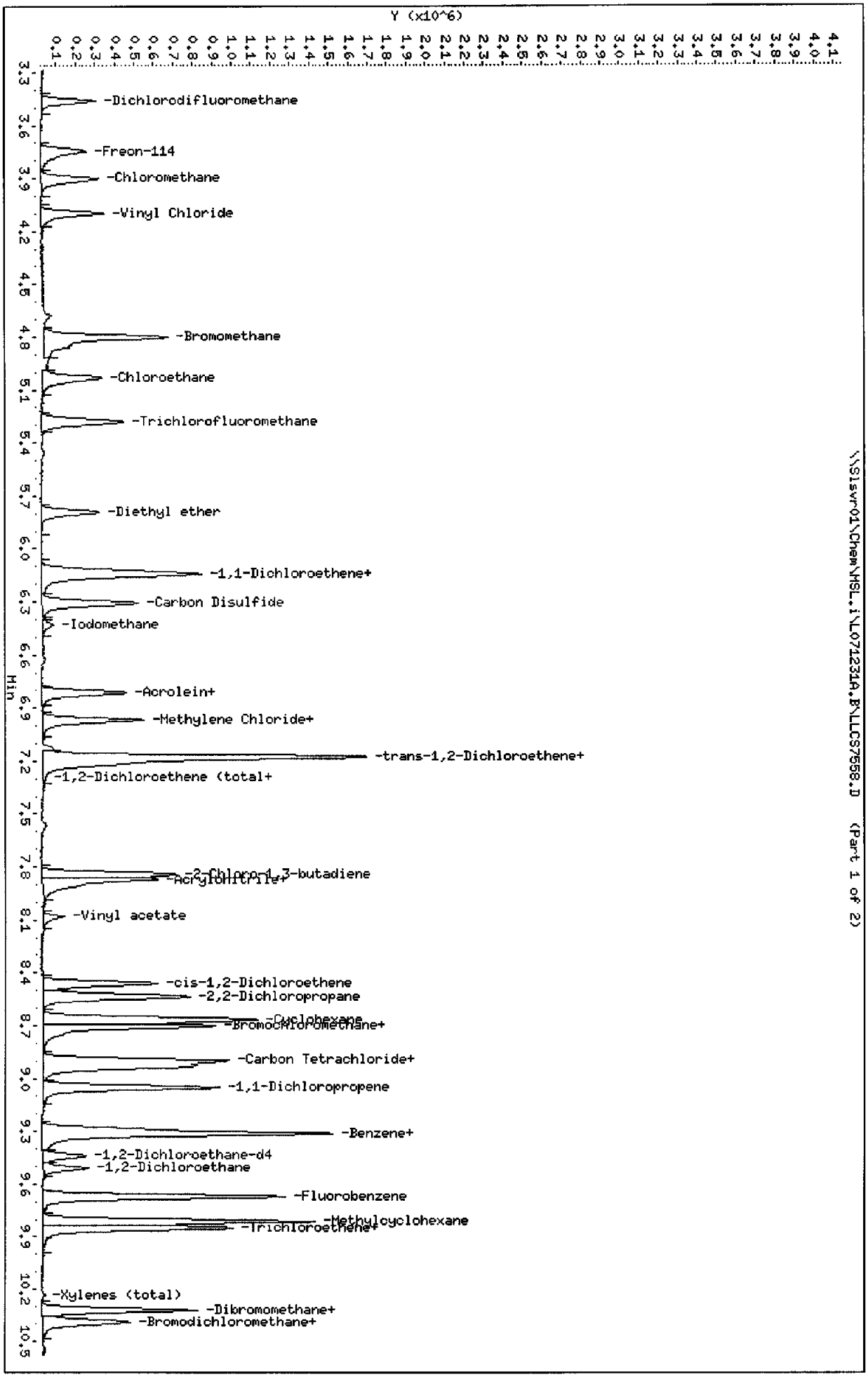
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: MSL.i
Lab File ID: LLCS7558.D
Lab Smp Id: KE00W1AD
Analysis Type: VOA
Quant Type: ISTD
Operator: XIA
Calibration Date: 31-DEC-2007
Calibration Time: 12:11
Client Smp ID: VLCSL365B
Level: LOW
Sample Type: WATER
Method File: \\Slsvr01\Chem\MSL.i\L071231A.B\8260C-25LLW40.m
Misc Info: VBLKL365A;F8A020000-105L;8002105

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	1025863	512932	2051726	1076733	4.96
70 Chlorobenzene-d5	641041	320521	1282082	671078	4.69
94 1,4 Dichlorobenze	244965	122483	489930	261999	6.95

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
45 Fluorobenzene	9.67	9.17	10.17	9.67	-0.00
70 Chlorobenzene-d5	12.53	12.03	13.03	12.53	-0.00
94 1,4 Dichlorobenze	14.72	14.22	15.22	14.73	0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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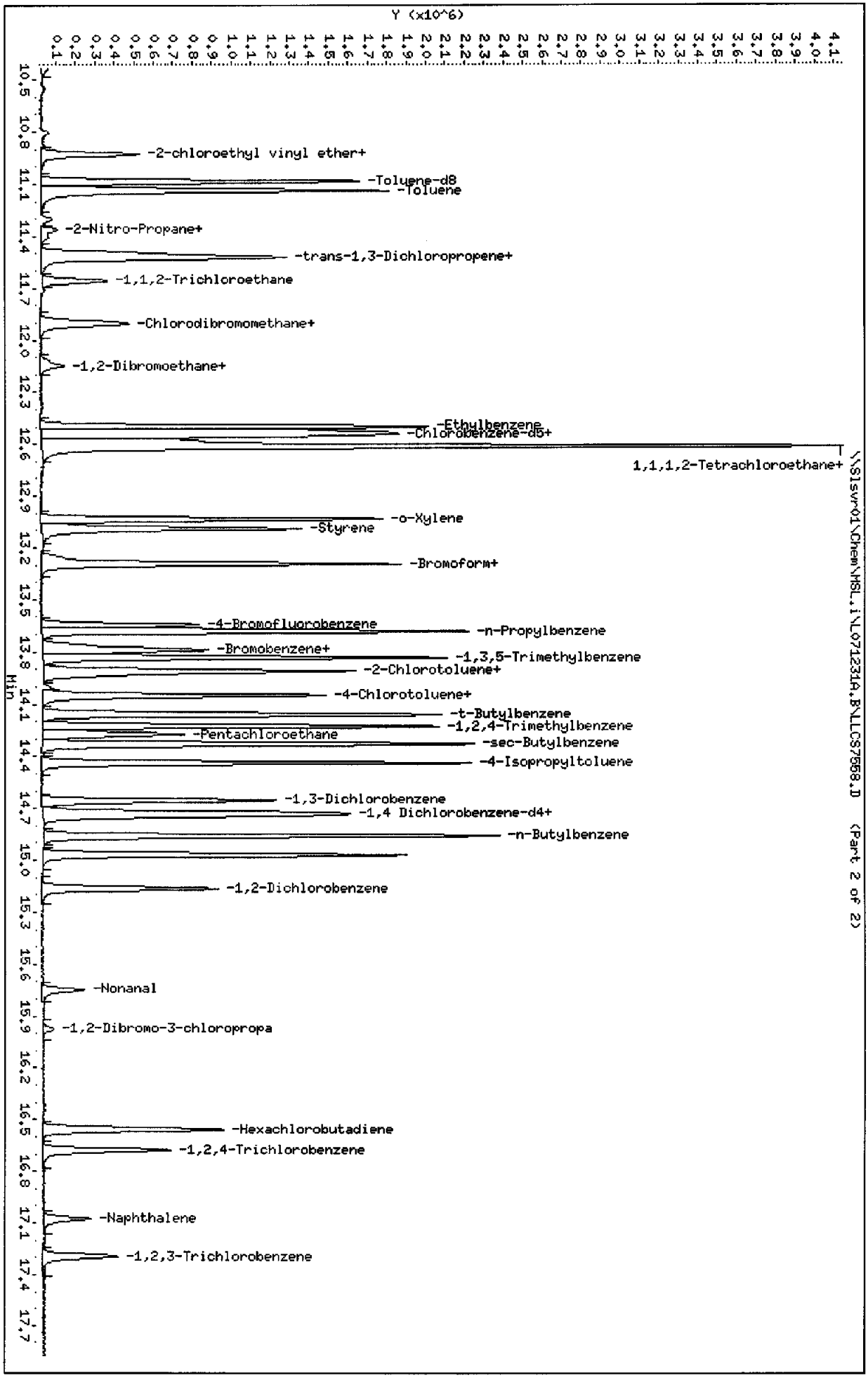
Client ID: VLCSL365B
Sample Info: KEOCM1AD
Purge Volume: 25.0
Column phase: RTX-502.2
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25
\\Slsvr01\Chem\MSL.i\L071231A.B\LLCS7558.D (Part 1 of 2)
Y (x10^6)
Min
-Dichlorodifluoromethane
-Freon-114
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Diethyl ether
-1,1-Dichloroethene+
-Carbon Disulfide
-Iodomethane
-Acrolein+
-Methylene Chloride+
-trans-1,2-Dichloroethene+
-1,2-Dichloroethene (total+
-2-Chloro-1,3-butadiene
-Acrylonitrile+
-Vinyl acetate
-cis-1,2-Dichloroethene
-2,2-Dichloropropane
-Cyclohexane
-Bromochloromethane+
-Carbon Tetrachloride+
-1,1-Dichloropropene
-Benzene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane
-Fluorobenzene
-Methylcyclohexane
-Trichloroethene+
-Xylenes (total)
-Dibromomethane+
-Bromodichloromethane+



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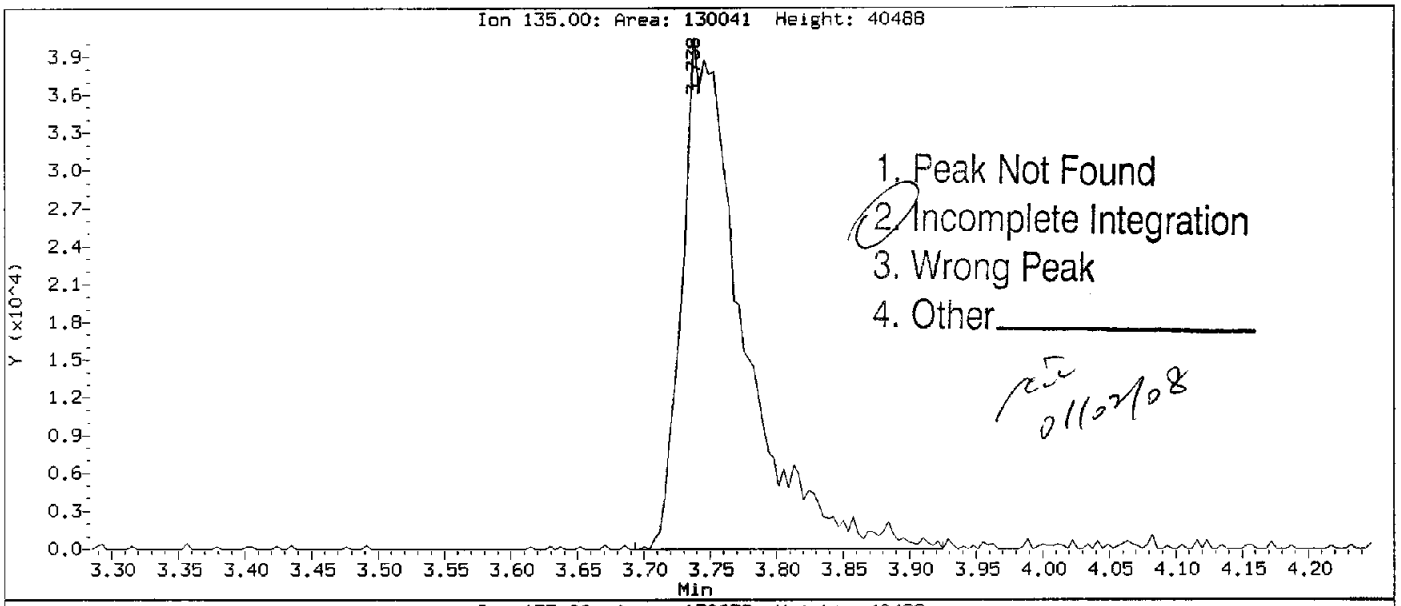
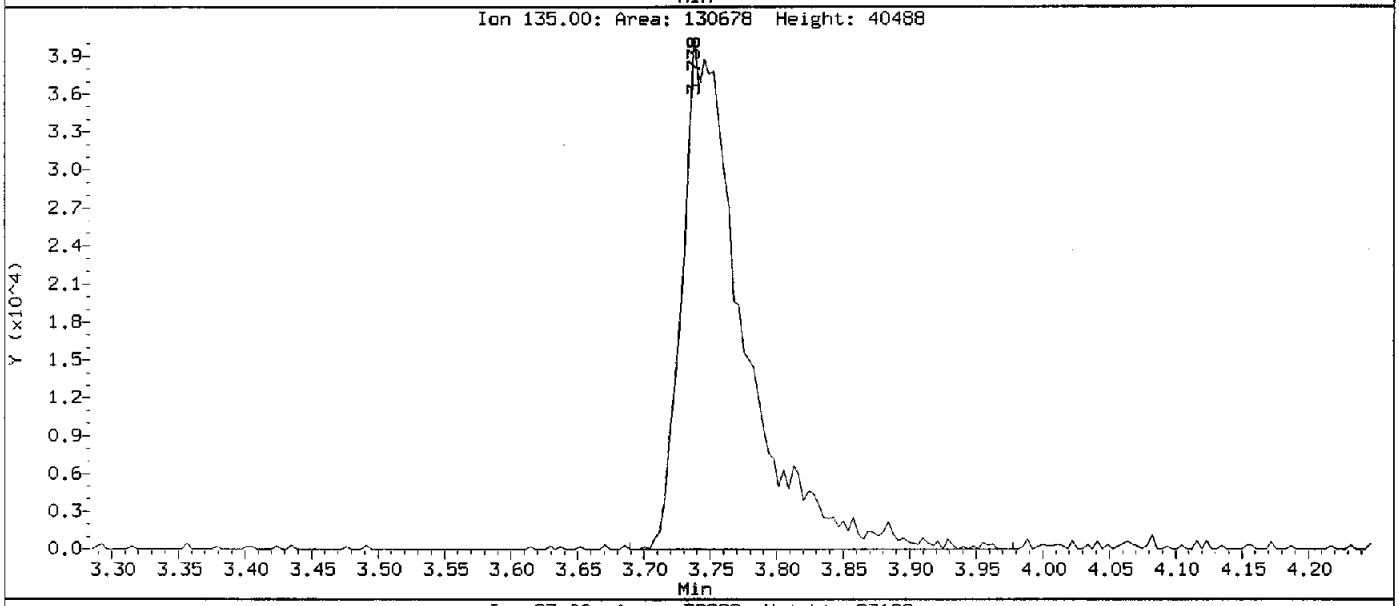
Date : 31-DEC-2007 13:30
Client ID: VLCSL365B
Sample Info: KE00414AD
Purge Volume: 25.0
Column phase: RTX-502.2

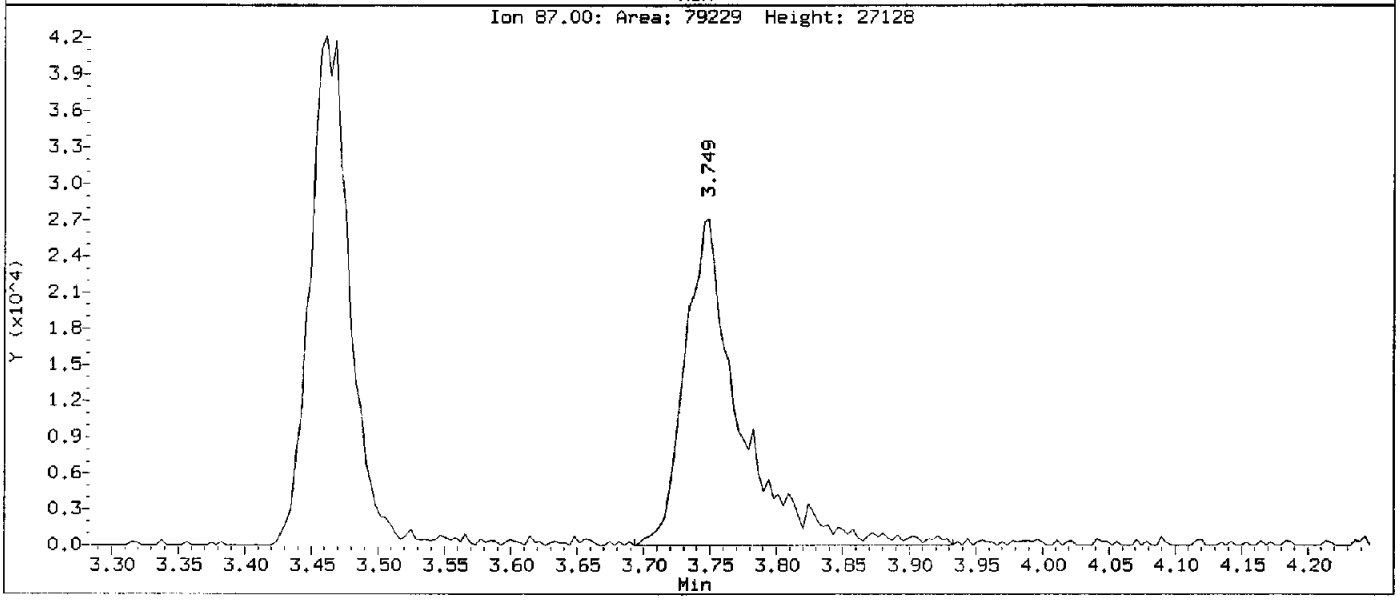
Instrument: MSL.i
Operator: XIA
Column diameter: 0.25

Data File: \\Slsvr01\Chem\MSL.i\L071231A.B\LLCS7558.D
Injection Date: 31-DEC-2007 13:30
Instrument: MSL.i
Client Sample ID: VLCSL365B

Compound: Freon-114
CAS Number: 374-07-2







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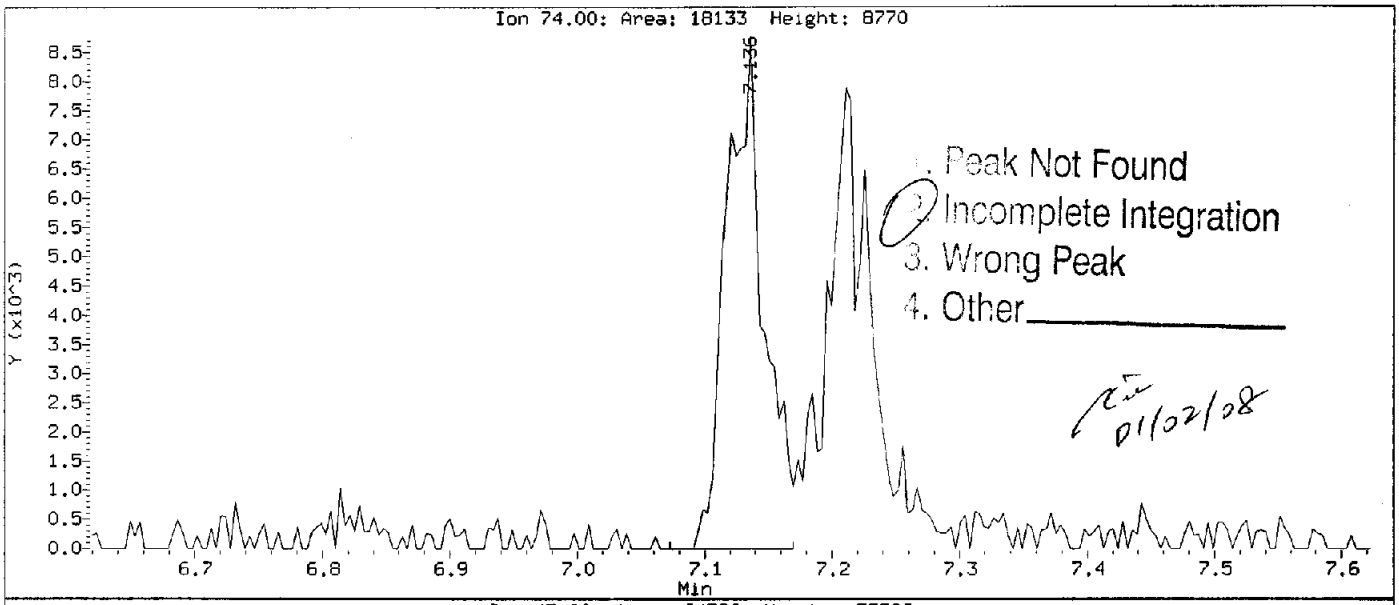
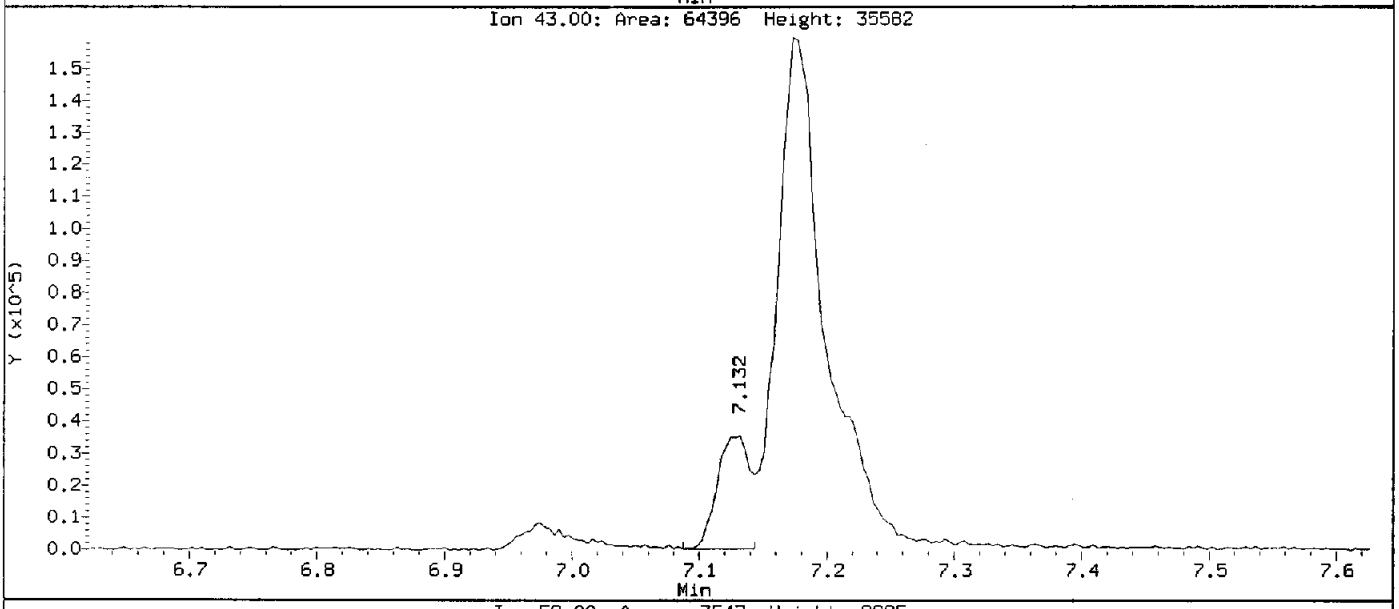
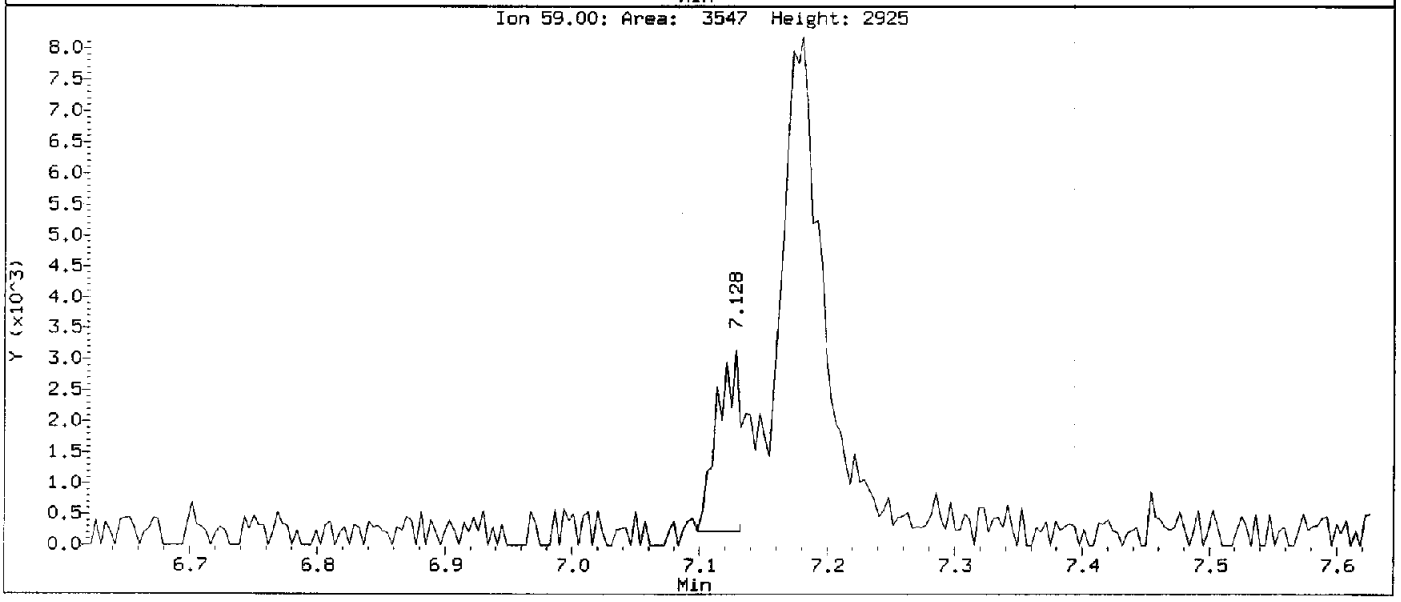
Injection Date: 31-DEC-2007 13:30
Instrument: MSL.i
Client Sample ID: VLCSL365B

Compound: Methyl Acetate
CAS Number:







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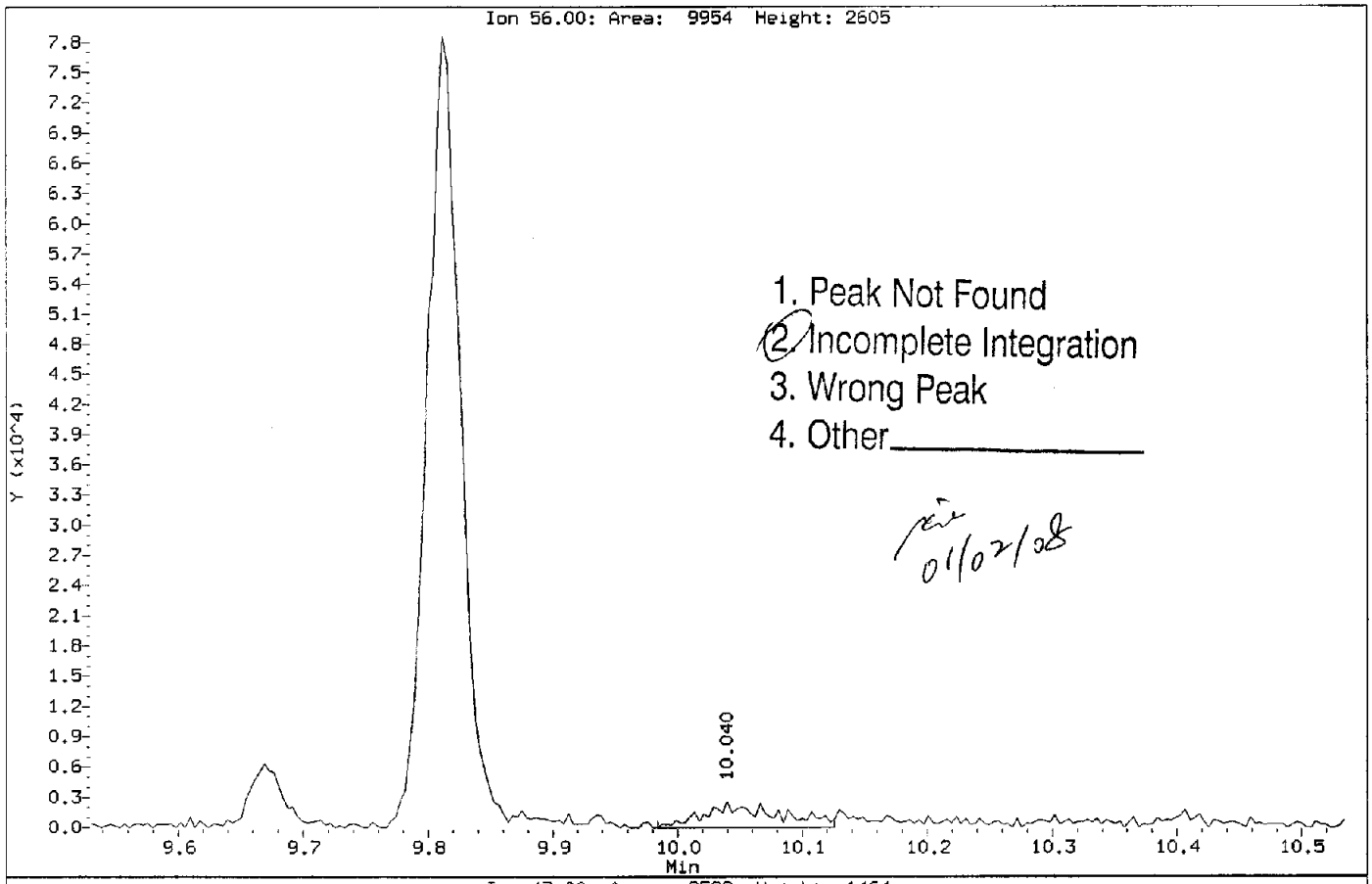
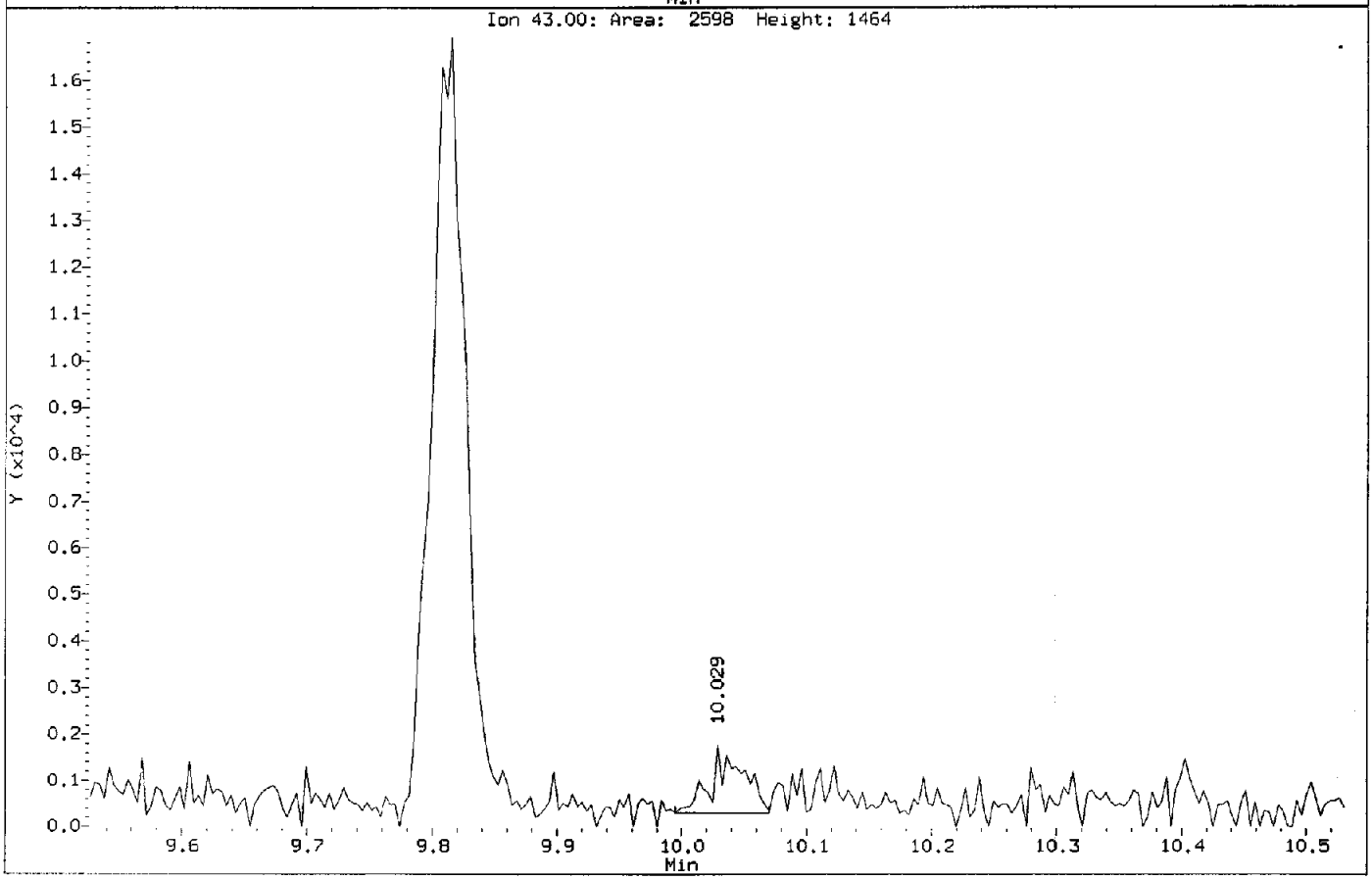
Instrument: MSL.i
Client Sample ID: VLCSL3658

Compound: n-Butanol
CAS Number: 71-36-3





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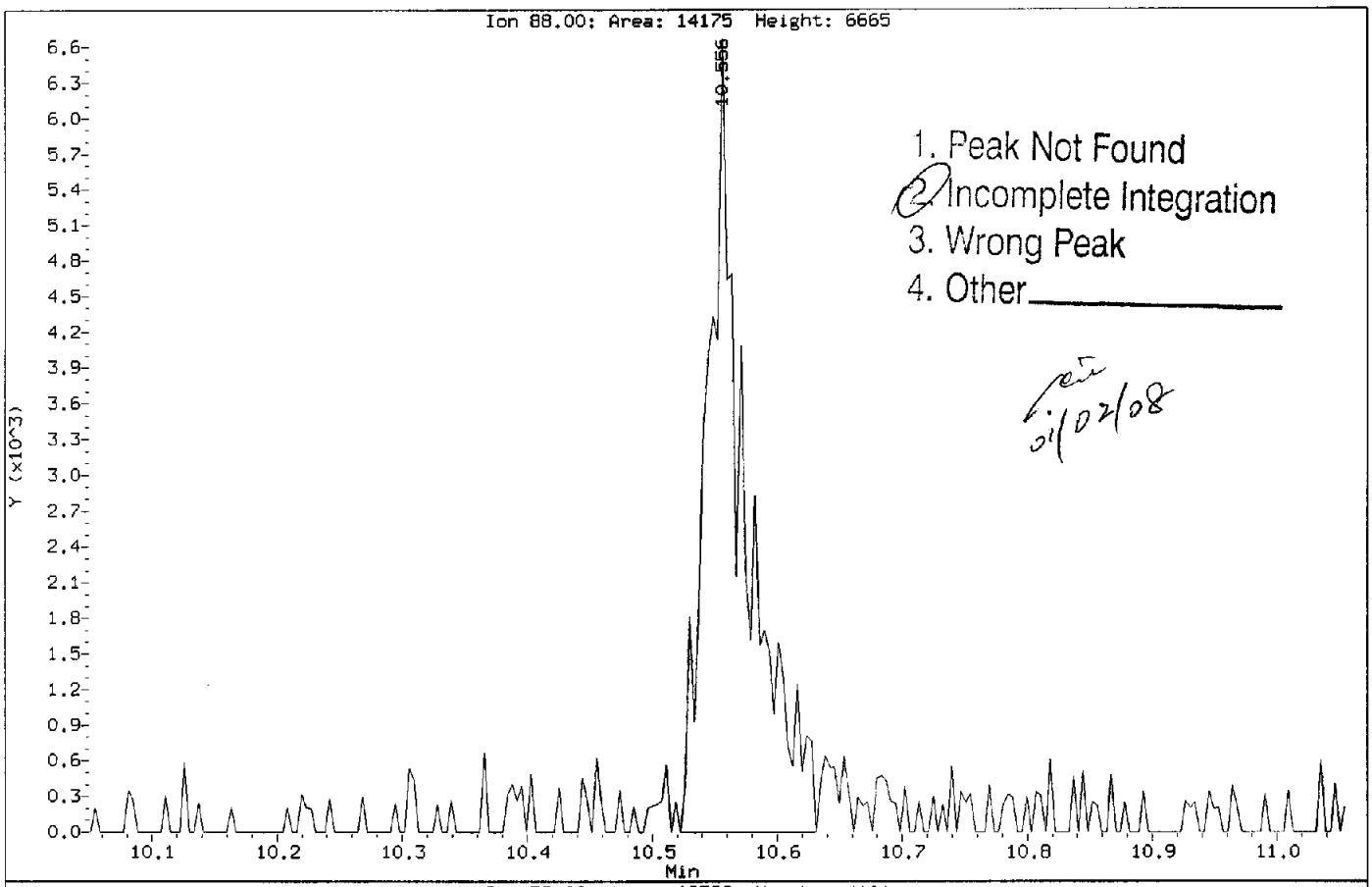
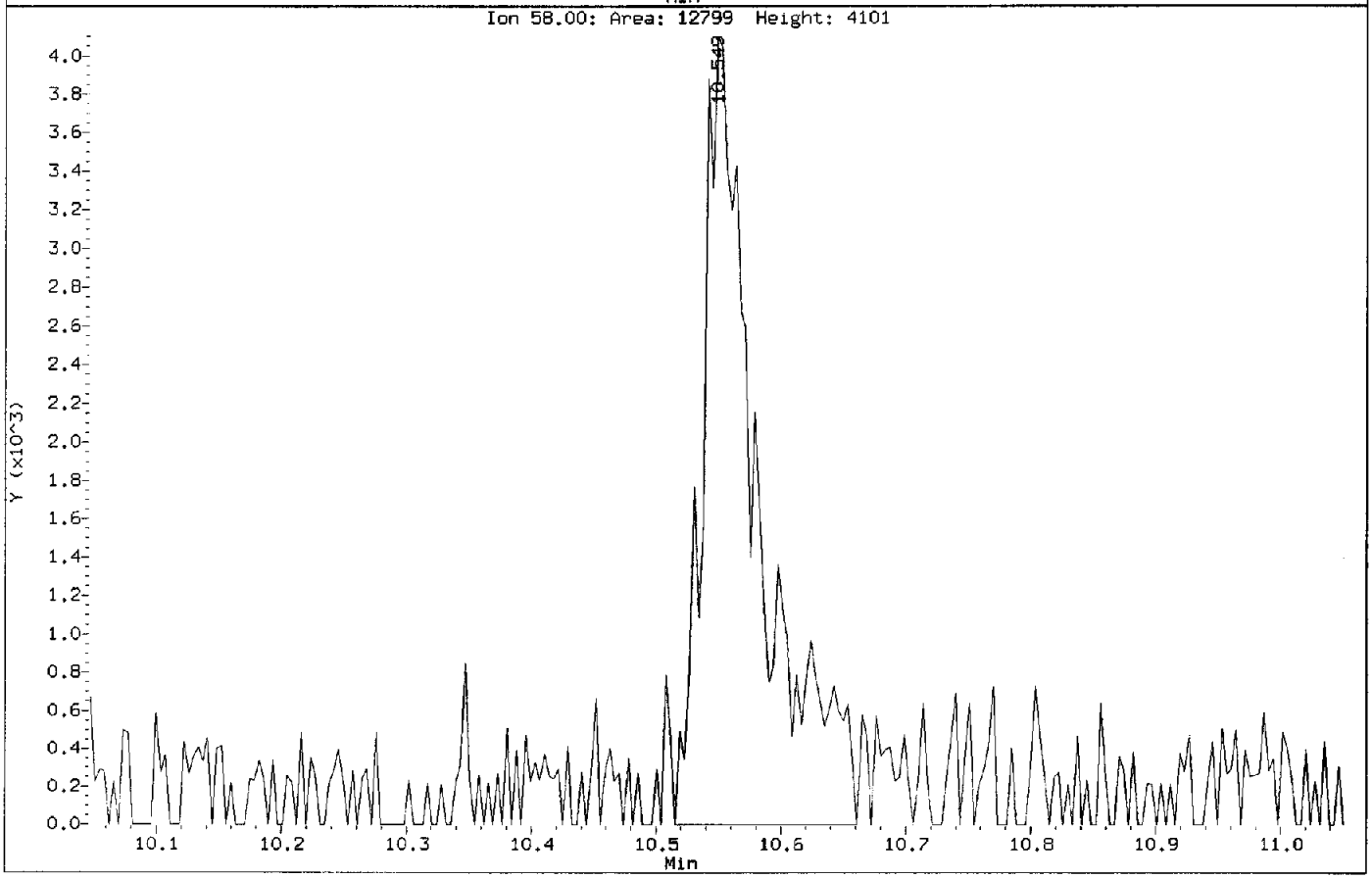
Injection Date: 31-DEC-2007 13:30
Instrument: MSL.i
Client Sample ID: VLCSL365B

Compound: 1,4-Dioxane
CAS Number: 123-91-1





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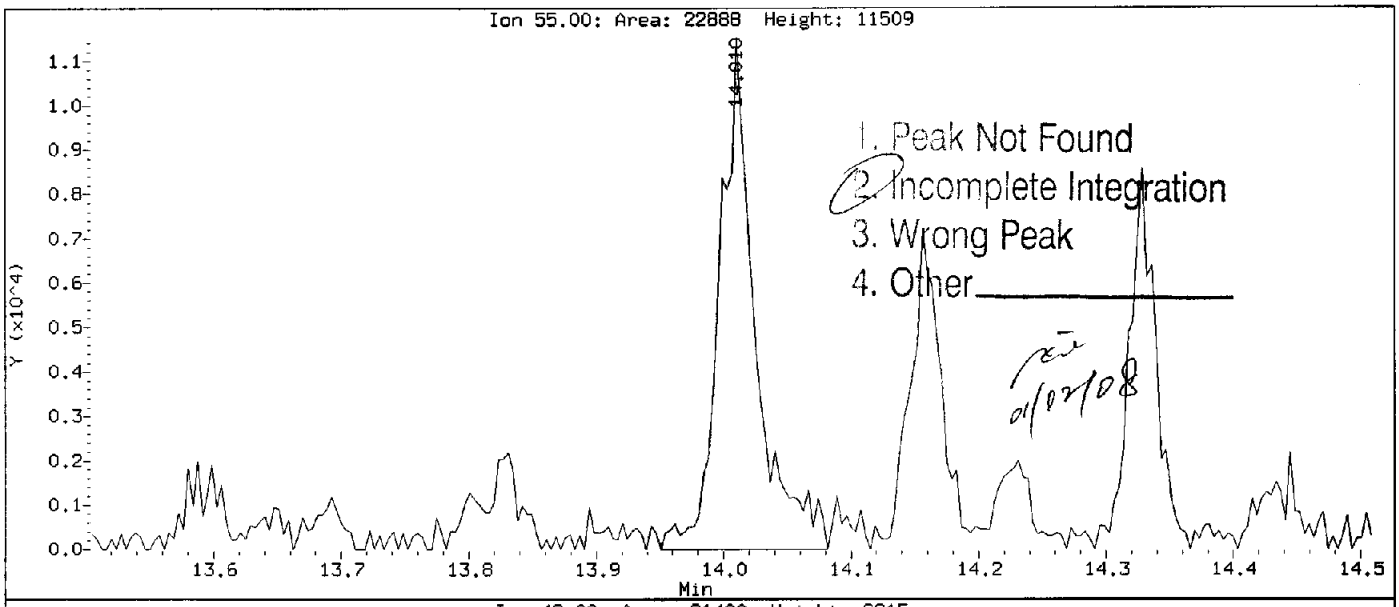
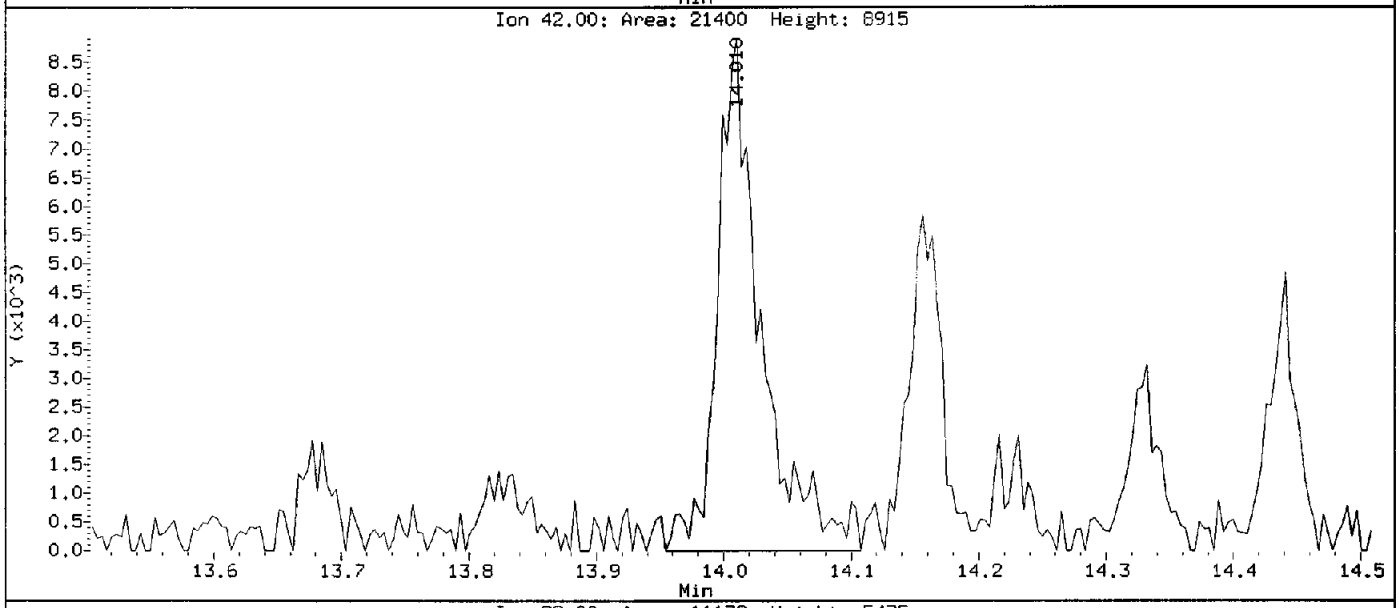
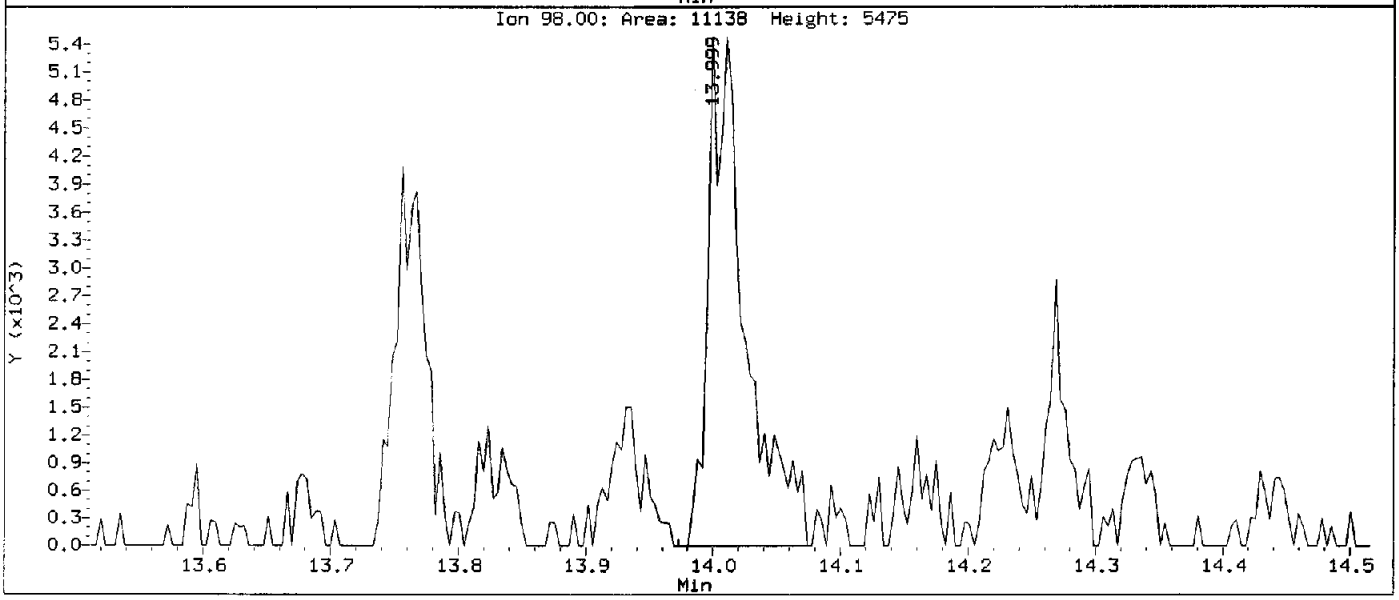
Injection Date: 31-DEC-2007 13:30
Instrument: MSL.i
Client Sample ID: VLCSL365B

Compound: Cyclohexanone
CAS Number: 108-94-1







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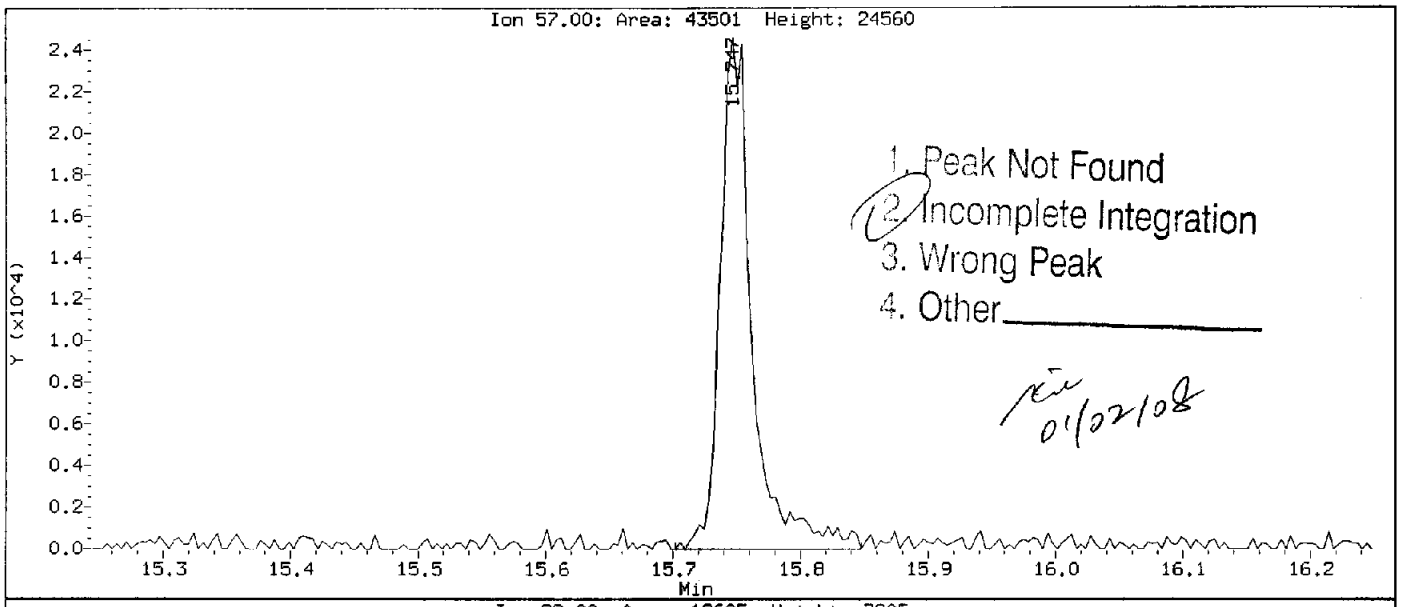
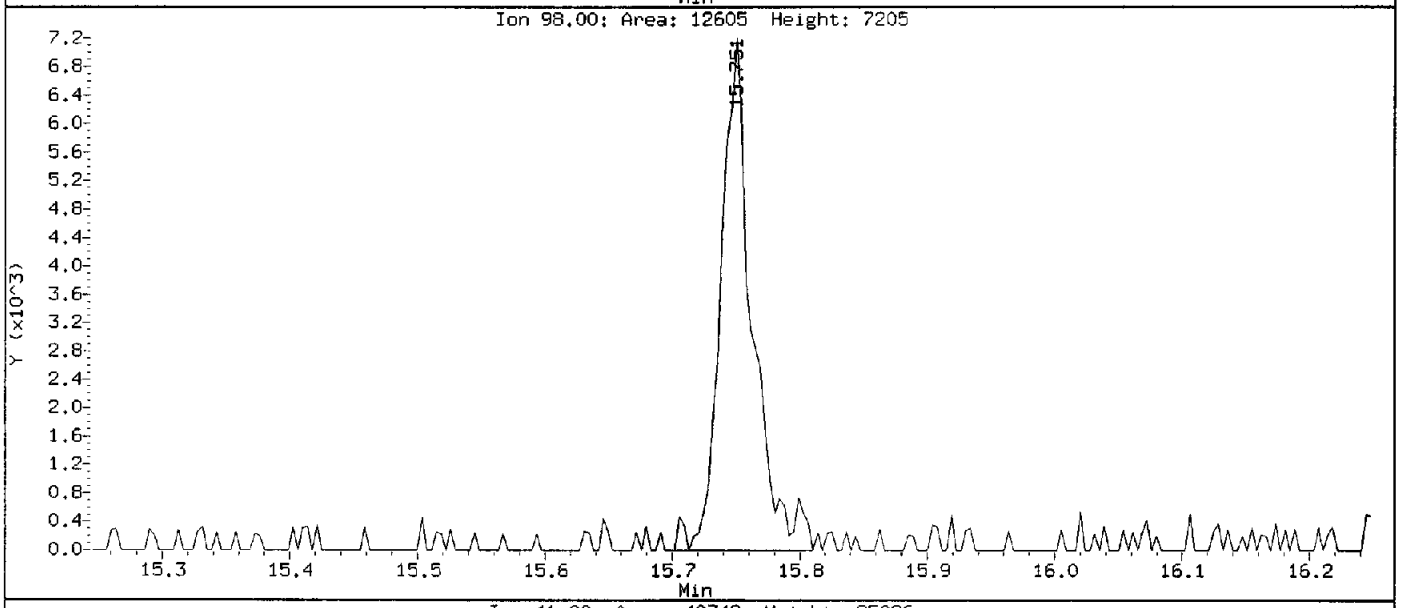
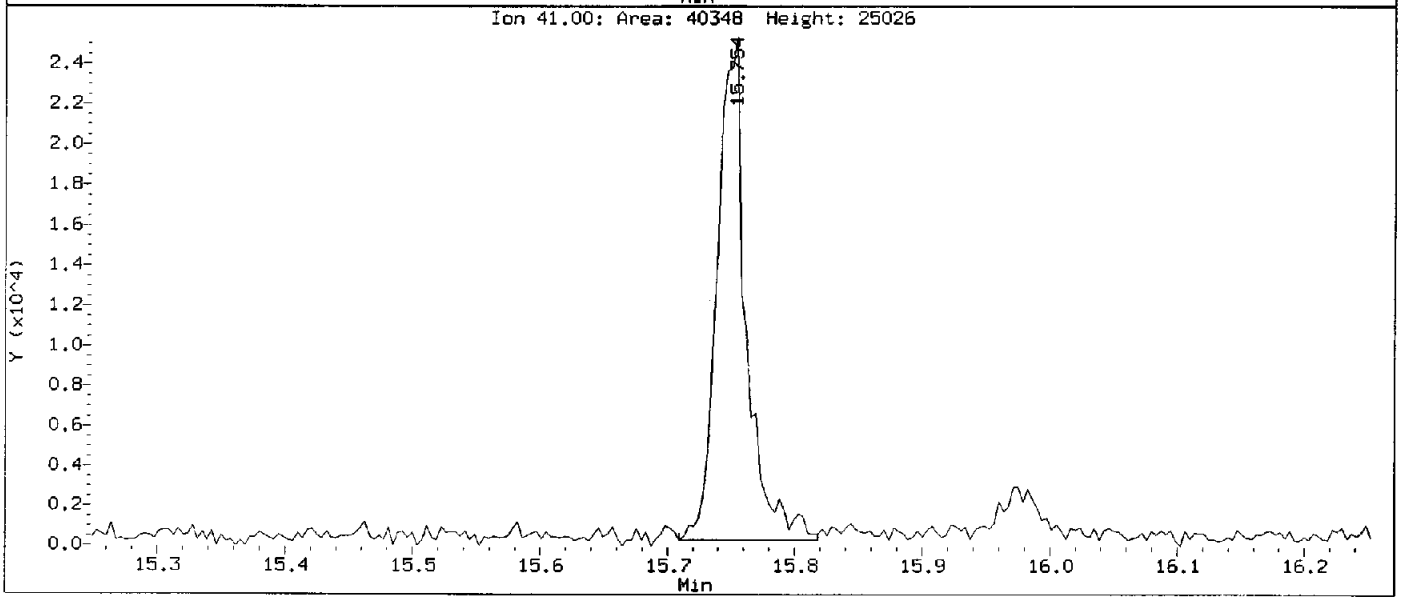
Injection Date: 31-DEC-2007 13:30
Instrument: MSL.i
Client Sample ID: VLCSL365B

Compound: Nonanal
CAS Number: 124-19-6







GC/MS MISCELLANEOUS DATA

TestAmerica St. Louis GC/MS Volatiles Runlog

HB HF 7352134

Instrument: MSL Date: 12-17-07 Operator: XIA Batch #: 7352133 Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments	
BLK 7321					S. BLK									
7322					STD10									
BFB 7323					25ng BFB									OK
7324					25ng BFB									
BFB 7325	14:32	✓		524.2 8260C	25ng BFB									OK
CAL 7326	1217A	1			VSTD10								NCM06-107181.86	OK
CAL 7327		2			VSTD4.0									OK
7328		3			VSTD2.0									OK
7329		4			VSTD1.0									OK
7330		5			VSTD0.5									OK
7331		6			VSTD20									OK
✓ 7332		7		✓	VSTD40									OK
ICV 7333		8	F7L18####-133	8260C	ICV/LCS						OK	OK	NCM06-107190	OK
LCS 7334		9	✓ 133L		LCS									OK
BLK 7335		10			BLK									
7336		11	F7L18####-133B		QC. BLK									OK
SKIP 7337		12	F7L030160-1		KDCATEAA	Water	<2	25	NA	1X				OK
7338		13	2		KDCAHIAA									OK
7339		14	3		KDCALIAA									OK
7340		15	4		KDCANIAA									OK
7341		16	5		KDCAQIAA									OK
7342		17	✓ 6		KDCATIAA									OK
7343		18	F7L100224-1		KDVDUIAA									OK
7344		19	2		KDVOXIAA									OK
✓ 7345	✓	20	✓ 3	✓	KDVD01AA	✓	✓	✓	✓	✓	✓	✓		OK

BFB VA792-07
LCS/MS/MSD/ICV VA815-07
S VA810/809-07

CAL VA805/819-07
SURR VA802/809
Other NA

Note: Concentrations for standards can be found in the standards log.
Form: SL-ORG-0021, Rev. 07/27/07;
Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;
MeOH Lot#:

QC Reviewed By/Date: SS 12/18/07 Spiking Verified By: Clock Review Assigned To:

TestAmerica St. Louis GC/MS Volatiles Runlog

Instrument: MSL Date: 12-17-07 Operator: KIA Batch #: 7352184 Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments	
SMP 7346	12:17A	21	FTL080121	8260C	KDR4W2AC	Water	<2	5.25	NA	20x	ok	ok		ok
7347		22	FTL120220-1		KD05FIAC			25		1x			RR10x	ok
7348		23	2		KD05NIAC								RR 10x	ok
7349		24	3		KD05PIAC								RR10x	ok
7350	✓	25	3S		KD05P1AM				✓	✓	✓	✓		ok
7351	1:26	26	3D		KD05P1AN									ok
BLK 7352		27			BLK									
7353		28												
7354		29												
7355		30												

12/18/07

BFB NA CAL NA

LCS/MS/MSD/ICV VA819-07 SURR VA809/07

SS VA809/07 Other NA

Note: Concentrations for standards can be found in the standards log.

Form: SL-ORG-0021, Rev. 07/27/07;

Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;

MeOH Lot#:

QC Reviewed By/Date: SS 12/18/07 Spiking Verified By: Clock Review Assigned To:

LOG# F7L2905290

TestAmerica St. Louis GC/MS Volatiles Runlog

Instrument: MSL Date: 12-24-07 Operator: XIA Batch #: 7358240, HB 7360149, 7360150 Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments	
BFB7451	10:03	1		8260C	50 ng BFB									ok
CAL7452	1224A	1			VSTD10									ok
V7453		2			VSTD10-BRC									ok
LCS7454		3	F7L240000-240C		LCS/ICV						ok	ok	NCM06-107535	ok
V7455		4	V 240L		LCS									ok
BLK7456		5			BLK									
V7457		6	F7L240000-240B		QC. BLK									ok
SMP7458		7	F7L170154-1		KEAR1AA	water	22	25	NA	1x				ok
7459		8	V 2		KEAQ21AA									ok
7460		9	V 3		KEAQ41AA			V						ok
7461		10	F7L150156-2		KD88K2AA			25						ok
7462		11	V 3		KD88M2AA									ok
7463		12	V 7		KD88V2AA									ok
7464		13	F7L240290-3		KEKNX1AA RE	w 2/24								ok
7465		14	F7L190135-6		KEE952AA									ok
7466		15	V 4		KEE912AA									ok
7467		16	V 1		KEE9Q2AA							V		ok
7468		17	F7L240290-1		KEKNX1AA							1/10	RR100x	ok
7469		18	V 2		KEKN81AA							1/10	RR100x	ok
7470		19	F7L150156-4		KD88P2AA							1/10	RR10x	ok
7471		20	V 5		KD88R2AA						V	1/10	RR10x	ok
7472		21	V 6		KD88T2AA						↑	1/10	RR 20x	ok
7473		22	F7L190135-3		KEE9W2AA						ok	1/10	RR10x	ok
7474		23	V 5		KEE922AA						V	ok	RR50x	ok
7475	V	24	F7L190135-2	V	KEE9T2AA	V	V	V	/	V	1↑	1/10	RR 200x + 1000x	ok

BFB	VA792-07	CAL	VA823-07
LCS/MS/MSD/ICV	VA826-07	SURR	VA807/809-07
IS	VA807/810-07	Other	NA

Note: Concentrations for standards can be found in the standards log.
Form: SL-ORG-0021, Rev. 07/27/07;
Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;
MeOH Lot#:

QC Reviewed By/Date: 12-26-07 Spiking Verified By: Clock Review Assigned To:

TestAmerica St. Louis GC/MS Volatiles Runlog

air 12/26/07

Instrument: MSL Date: 12-24-07 Operator: KIA Batch #: 7360149, 7360149150 Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments
SMP7476	17:18	25	FJL190135-45	8260C	KEE91AC	WATER	<2	25	NA	1x	o/c	o/c	o/c
7477	↓	26	↓ 40	↓	KEE91AD	↓	↓	↓	↓	↓	↓	↓	o/c
7478	22:19	27	FJL190237-3	↓	KEF8X2AA	↓	↓	1.25	↓	20x	↓	↓	o/c
7479		28			1311K								
7480		29			↓								
7481		30											

air 12/26/07

BFB	NA	CAL	NA
LCS/MS/MSD/ICV	VA826-07	SURR	VA809-07
IS	VA809-07	Other	NA

Note: Concentrations for standards can be found in the standards log.
Form: SL-ORG-0021, Rev. 07/27/07;
Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;
MeOH Lot#:

QC Reviewed By/Date: John A. Heim 12-26-07 Spiking Verified By: Clock Review Assigned To:

TestAmerica St. Louis GC/MS Volatiles Runlog

2x MAC SAW 7362155, 7362156 7362157, 7362159

Instrument: MSL Date: 12-27-07 Operator: XIA Batch #: 7362155, Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments	
BFB7496	10:39	1		8260C	50ng BFB									OK
CAL7497	1227A	1			VSTD10									
7498		2			VSTD10									OK
LCS7499		3	F7L280000-155C		LCS						OK	OK		OK
7500		4	155L		LCS									OK
BLK7501		5			BLK									OK
7502		6	F7L28000-155B		RC. BLK									"
SMP7503		7	F7L190158-6		KEFJF1AA	Water	<2	25	NA	1X				OK
7504		8	F7L190268-6		KEGF61AA									OK
7505		9	F7L150156-4		KD88P3AA			1.25		20X			See L7512	
7506		10	5		KD88R3AA			1.25		20X				OK
7507		11	6		KD88T3AA			0.5		50X				OK
7508		12	F7L190135-2		KEE9T3AA			0.25		100X				OK
7509		13	2		KEE9T4AA			0.05		500X				OK
7510		14	3		KEE9W3AA			1.25		20X				OK
7511		15	5		KEE923AA			0.5		50X				OK
7512		16	F7L150156-4		KD88P3AA			0.25		100X				OK
7513		17	F7L200290-1		KEKNX2AA					100X			IRR 100X	OK
7514		18	2		KEKN82AA					100X			IRR 100X	OK
7515		19	F7L200292-22		KEK442AA			25		1X				OK
7516		20	F7L200281-4		KEKK01AA							OK		OK
7517		21	1		KEKKP1AA									OK
7518		22	2		KEKKQ1AA									OK
7519		23	3		KEKKR1AA									OK
7520		24	F7L210243-1		KEM81ZA0			0.25		100X				OK

FB VA792-07 CAL VA828/827-07

CS/MS/MSD/ICV VA826-07 SURR VA807/809

S VA807/810-07 Other NA

Note: Concentrations for standards can be found in the standards log.

Form: SL-ORG-0021, Rev. 07/27/07;

Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;

MeOH Lot#:

QC Reviewed By/Date: John A. Hess 12-31-07 Spiking Verified By: Clock Review Assigned To:

TestAmerica St. Louis GC/MS Volatiles Runlog

Instrument: MSL Date: 12-27-07 Operator: XIA Batch #: 7362159. Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments
MP 7521	1227A	25	F7L210043-1	8260	KEM811AD	Water	<2	2.5	N/A	10x	OK	OK	OK
7522	↓	26	↓ 1S	↓	KEM811AE	↓	↓	↓	↓	↓	↓	↓	OK
7523	22:19	27	↓ 1D	↓	KEM811AF	↓	↓	↓	↓	↓	↓	↓	OK
7524		28	F7L190135-2	↓	KEZ9T3AA	↓	↓	0.025	↓	1000x	↓	↓	not need.
7525		29	↓ 2S	↓	KEZ9T3	↓	↓	0.25	↓	100x	↓	↓	↓
7526		30	↓ 2D	↓	KEZ9T	↓	↓	0.25	↓	↓	↓	↓	↓
7527		31		↓	BLK	↓	↓	↓	↓	↓	↓	↓	↓
7528		32		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
7529		33		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
7530		34		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
7531		35		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓

jw 1/7/07

IB	NA	CAL	NA
CS/MS/MSD/ICV	VA826-07	SURR	VA807-07
	VA807-07	Other	NA

Note: Concentrations for standards can be found in the standards log.
Form: SL-ORG-0021, Rev. 07/27/07;
Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;
MeOH Lot#:

QC Reviewed By/Date: John W. Hamm 12-31-07 Spiking Verified By: Clock Review Assigned To: jw

TestAmerica St. Louis GC/MS Volatiles Runlog

Instrument: MSL Date: 12-31-07 Operator: XIA Batch #: 8002105, 8002104 Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments	
BFB 7553	9:33	1		8260	50ng BFB									ok
CAL 7554	1231A	1			VSTD10-BRC								not need.	ok
7555		2			VSTD10									ok
7556		3			VSTD10									ok
LCS 7557		4	F8A020000-105C		LCS						ok	ok		ok
7558		5	105L		LCS									ok
BLK 7559		6			BLK									
CAL 7560		7			VSTD10-BRC								not need	ok
BLK 7561		8	F8A020000-105B		10C. BLK									ok
SMP 7562		9	F7L200290-1		KEKNX3AA	Water	<2	0.025	NA	1000x			PR1000x see L7573	
7563		10	2		KEKN83AA			0.025		1000x				ok
7564		11	F7L170156-1		KEARAIAA			25		1x				ok
7565		12	2		KEAVJIAA									ok
7566		13	3		KEAVMIAA									ok
7567		14	4		KEAVQIAA									ok
7568		15	5		KEAVRIAA									ok
7569		16	6		KEAVVIAA									ok
7570		17	F7L240108-1		KEQP3IAA									ok
7571		18	2		KEQQCIAA									ok
7572		19	3		KEQQPIAA			✓		✓				ok
7573		20	F7L200290-1		KEKNX3AA			0.025		1000x	✓	✓		ok
7574		21	F7L310124-2		KEQIDHICP			2.5		10x			Foaming lost data *	
7575		22	1		KEQC61CK			25		1x			lost sample. *	
7576		23	F7L290109-1		KEKLX1CK					1x				
7577	✓	24	F7L310124-2S	✓	KEQIDH1	✓	✓	0.25	✓	10x				

FB
CS/MS/MSD/ICV VA834-07
VA807/810-07

CAL VA828/835-07
SURR VA807/809-07
Other VA827-07

Note: Concentrations for standards can be found in the standards log.
Form: SL-ORG-0021, Rev. 07/27/07;
Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;
MeOH Lot#:

* Ins. stopped due to pressure loss. Helium leak.

QC Reviewed By/Date: 01/02/08

Spiking Verified By:

Clock Review Assigned To:

LOT # F7L290290

TestAmerica St. Louis GC/MS Volatiles Runlog

Instrument: MSL Date: 12-31-07 Operator: XIA Batch #: Logbook No.: 3001

Data File	Time	Pos	Lot Number	Meth	Lab ID	Matrix	pH	Wt/Vol g/ml	MeOH Vol.	Dil. Fact.	IS	Sur	Comments
Emp7578		25	F7L310124-2D	8260C	KE01DH1	WATER	<2	0.25	NA	100X			did not run
7579		26	↓ 2		KE01DHICP	↓	↓	↓	↓	100X			↓
7580		27	F7L290109-1		KEXLX2CK	↓	↓	↓	↓	100X			
7581		28			IBTIC								
7582		29			↓								

Run 01/02/08

FB
CS/MS/MSD/ICV
CAL
SURR
Other

Note: Concentrations for standards can be found in the standards log.
Form: SL-ORG-0021, Rev. 07/27/07;
Definitions: QCLCS or LCS – Laboratory Control Sample; QCBLK or BLK – Method Blank;
MeOH Lot#:

QC Reviewed By/Date: 01/02/08 Spiking Verified By: Clock Review Assigned To: