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Alpha Analytical

Laboratory Code: 11148

SDG Number: L2353445

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Project Name: TROY BELTING
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Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353445-01	MW-7D	WATER	COLONIE, NY	09/13/23 09:40	09/13/23
L2353445-02	MW-7S	WATER	COLONIE, NY	09/13/23 10:15	09/13/23
L2353445-03	MW-8S	WATER	COLONIE, NY	09/13/23 11:10	09/13/23
L2353445-04	MW-6D'	WATER	COLONIE, NY	09/13/23 12:20	09/13/23
L2353445-05	MW-6S	WATER	COLONIE, NY	09/13/23 13:05	09/13/23
L2353445-06	MW-6D	WATER	COLONIE, NY	09/13/23 14:10	09/13/23
L2353445-07	MW-4S	WATER	COLONIE, NY	09/13/23 15:00	09/13/23
L2353445-08	DUP09132023	WATER	COLONIE, NY	09/13/23 00:00	09/13/23
L2353445-09	TB09132023	WATER	COLONIE, NY	09/13/23 00:00	09/13/23

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Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: TROY BELTING
Project Number: 2011-31

Lab Number: L2353445
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Case Narrative (continued)

Report Submission

September 25, 2023: This final report includes the results of all requested analyses.

September 20, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

The WG1828105-6/-7 MS/MSD recoveries, performed on L2353445-05, are outside the acceptance criteria for cis-1,2-dichloroethene (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Report Date: 09/25/23

Title: Technical Director/Representative

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: DU Report with 'J' Qualifiers



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the identification is based on a mass spectral library search.

- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers





Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD
 Trap: Supelco K Trap (VOACARB 3000)
 Concentrator: EST Encon (or equivalent)
 Autosampler: EST Centurion (or equivalent)
 Purge time: 11 min

Columns (length x ID x df):
 RTX-VMS 20m x 0.18mm x 1um
 RTX-VMS 30m x 0.25mm x 1.4um
 RTX-502.2 40m x 0.18mm x 1um

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)
 Trap: Supelco K Trap (VOACARB 3000)
 Concentrator: EST Encon (or equivalent)
 Autosampler: EST Centurion (or equivalent)

Column Type: Restek RTX 502.2
 Column Length: 105 Meters
 df: 3.00 um
 ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD
 Trap: Supelco K Trap (VOACARB 3000)
 Concentrator: Tekmar Velocity / EST Encon
 Autosampler: Varian Archon / EST Centurion
 Purge time: 11 min

Column Type: DB-VRX
 Column Length: 60 Meters
 df: 1.40 um
 ID: 0.25 mm
 Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD

Column Type: Haysep S Column
 Column Length: 2 Meters packed
 (100/200 mesh)

Autosampler: LEAP Headspace

Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200
 Autosampler: Entech 7016CA or 7016D

Column Type: Restek RTX-1
 Column Length: 60 Meters
 df: 1.00 um
 ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material

Trap 2: Tenax: manufacturer-Entech: 20 cm packing material



Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 μ L; 2 μ L LVI
Column Type: Restek RXI-5SILMS	df: 0.32 μ m
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 μ L; 2 μ L LVI
Column Type: Restek RXI-5SILMS	df: 0.25 μ m
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1 μ L
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLP Pesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1 μ L
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	



Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm



Sample Delivery Group Summary

Alpha Job Number : L2353445

Received : 13-SEP-2023

Reviewer : Caitlin Cronin

Account Name : Sterling Environmental Engineering

Project Number : 2011-31

Project Name : TROY BELTING

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.9	
B	Absent/	Ice	2.5	

Condition Information

1) All samples on COC received?	YES
2) Extra samples received?	NO
3) Are there any sample container discrepancies?	NO
4) Are there any discrepancies between COC & sample labels?	NO
5) Are samples in appropriate containers for requested analysis?	YES
6) Are samples properly preserved for requested analysis? Following containers were received with headspace: -04B	NO
7) Are samples within holding time for requested analysis?	YES
8) All sampling equipment returned?	NA

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	NO

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Sep 25 2023, 12:43 pm

Login Number: L2353445

Account: STERLINGENV Sterling Environmental EngineeringProject: 2011-31

Received: 13SEP23 Due Date: 04OCT23

Sample #	Client ID	Mat PR Collected
L2353445-01 MW-7D		1 3E 13SEP23 09:40
ASP-B Package Due Date: 10/04/23		
A2-1, 4-DIOXANE-SIM, ASP-B, E&I-FEE, NYTCL-8260-R2		
L2353445-02 MW-7S		1 3E 13SEP23 10:15
Package Due Date: 10/04/23		
A2-1, 4-DIOXANE-SIM, NYTCL-8260-R2		
L2353445-03 MW-8S		1 3E 13SEP23 11:10
Package Due Date: 10/04/23		
A2-1, 4-DIOXANE-SIM, NYTCL-8260-R2		
L2353445-04 MW-6D'		1 3E 13SEP23 12:20
Package Due Date: 10/04/23		
A2-1, 4-DIOXANE-SIM, NYTCL-8260-R2		
L2353445-05 MW-6S		1 3E 13SEP23 13:05
L2353445-05 MS L2353445-05 MSD Package Due Date: 10/04/23		
A2-1, 4-DIOXANE-SIM, A2-MS/MSD, MS/MSD, NYTCL-8260-R2		
L2353445-06 MW-6D		1 3E 13SEP23 14:10
Package Due Date: 10/04/23		
A2-1, 4-DIOXANE-SIM, NYTCL-8260-R2		
L2353445-07 MW-4S		1 3E 13SEP23 15:00
Package Due Date: 10/04/23		

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Sep 25 2023, 12:43 pm

Login Number: L2353445

Account: STERLINGENV Sterling Environmental EngineeringProject: 2011-31

Received: 13SEP23 Due Date: 04OCT23

Sample # Client ID Mat PR Collected

A2-1,4-DIOXANE-SIM, NYTCL-8260-R2

L2353445-08 DUP09132023

1 3E 13SEP23 00:00

| Package Due Date: 10/04/23

A2-1,4-DIOXANE-SIM, NYTCL-8260-R2

L2353445-09 TB09132023

1 3E 13SEP23 00:00

| Package Due Date: 10/04/23

NYTCL-8260-R2

Page 2

Logged By: Melissa Deyo



NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers

Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1

of 2

Date Rec'd
in Lab 9/14/23

ALPHA Job #
12353445

Project Information

Project Name: Troy Belting
Project Location: Colonia, NJ
Project # 2011-31

(Use Project name as Project #) ☐

Project Manager: Andrew Millspaugh
ALPHAQuote #:

Turn-Around Time:

Standard ☒ Due Date: 5 day VOCs only
Rush (only if pre approved) ☒ VOCs # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQulS (1 File) ☒ EQulS (4 File)
☐ Other

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Client Information

Client: Sterling Environmental
Address: 24 Wade Road
Lotham, NJ 12110
Phone: (518) 456-4900
Fax:
Email:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Andrew.millspaugh@sterlingenvironmental.com
paul.scholar@sterlingenvironmental.com
Please specify Metals or TAL.

ANALYSIS

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials											Sample Specific Comments	Total Bottles
		Date	Time														
53445 - 01	MW-7D	9-15-2023	940	GW	PWS	X	X									Sampled @ 940	5
02	MW-7S		1015			X	X										5
03	MW-8S		1110			X	X										5
04	MW-6D		1220			X	X										5
05	MW-6S		1305			X	X										5
	MW-6SMS		1310			X	X										5
↓	MW-6SMSD		1315			X	X										5
06	MW-6D		1410			X	X										5
07	MW-4S		1500			X	X										5
08	DUP09132023	↓	-	↓	↓	X	X										5

Preservative Code:

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code

P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

Paul Scholar
9/13/23 16:40

Jim Conley
9/13/23 16:40

Jim Conley
9/14/23 00:50

AAAL
9/13/23 16:58

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)



Organics

GC/MS 8260

Analysis

Volatiles QC Summary

Surrogate Recovery Summary

Form 2

Volatiles

Client: Sterling Environmental Engineering
Project Name: TROY BELTING

Lab Number: L2353445
Project Number: 2011-31
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-7D (L2353445-01)	102	102	101	101	0
MW-7S (L2353445-02)	99	102	103	101	0
MW-8S (L2353445-03)	99	102	102	101	0
MW-6D' (L2353445-04D)	98	103	103	100	0
MW-6S (L2353445-05D)	99	103	102	101	0
MW-6D (L2353445-06D)	102	102	103	102	0
MW-4S (L2353445-07D)	97	103	103	100	0
DUP09132023 (L2353445-08)	97	103	102	100	0
TB09132023 (L2353445-09)	96	102	104	100	0
WG1828105-10LCS	96	104	100	96	0
WG1828105-11LCSD	101	103	101	101	0
WG1828105-12BLANK	97	102	105	99	0
WG1828105-3LCS	97	103	99	97	0
WG1828105-4LCSD	96	101	102	101	0
WG1828105-5BLANK	97	102	103	99	0
MW-6SMS	99	103	100	100	0
MW-6SMSD	102	103	99	101	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

* Values outside of QC limits

FORM II NYTCL-8260-R2



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Sterling Environmental Engineering Lab Number : L2353445
 Project Name : TROY BELTING Project Number : 2011-31
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG1828105-3 Analysis Date : 09/15/23 05:41 File ID : V30230915A01
 LCSD Sample ID : WG1828105-4 Analysis Date : 09/15/23 06:03 File ID : V30230915A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	10	100	10	11	110	10	70-130	20
1,1-Dichloroethane	10	10	100	10	11	110	10	70-130	20
Chloroform	10	10	100	10	11	110	10	70-130	20
Carbon tetrachloride	10	9.7	97	10	11	110	13	63-132	20
1,2-Dichloropropane	10	10	100	10	11	110	10	70-130	20
Dibromochloromethane	10	10	100	10	11	110	10	63-130	20
1,1,2-Trichloroethane	10	11	110	10	11	110	0	70-130	20
Tetrachloroethene	10	11	110	10	11	110	0	70-130	20
Chlorobenzene	10	10	100	10	11	110	10	75-130	20
Trichlorofluoromethane	10	12	120	10	14	140	15	62-150	20
1,2-Dichloroethane	10	10	100	10	11	110	10	70-130	20
1,1,1-Trichloroethane	10	10	100	10	11	110	10	67-130	20
Bromodichloromethane	10	10	100	10	11	110	10	67-130	20
trans-1,3-Dichloropropene	10	11	110	10	12	120	9	70-130	20
cis-1,3-Dichloropropene	10	10	100	10	11	110	10	70-130	20
Bromoform	10	9.1	91	10	9.8	98	7	54-136	20
1,1,2,2-Tetrachloroethane	10	11	110	10	13	130	17	67-130	20
Benzene	10	10	100	10	11	110	10	70-130	20
Toluene	10	10	100	10	11	110	10	70-130	20
Ethylbenzene	10	10	100	10	11	110	10	70-130	20
Chloromethane	10	9.8	98	10	10	100	2	64-130	20
Bromomethane	10	8.1	81	10	9.2	92	13	39-139	20
Vinyl chloride	10	12	120	10	13	130	8	55-140	20
Chloroethane	10	11	110	10	13	130	17	55-138	20
1,1-Dichloroethene	10	10	100	10	12	120	18	61-145	20
trans-1,2-Dichloroethene	10	10	100	10	11	110	10	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Sterling Environmental Engineering **Lab Number** : L2353445
Project Name : TROY BELTING **Project Number** : 2011-31
Matrix (Level) : WATER (LOW)
LCS Sample ID : WG1828105-3 **Analysis Date** : 09/15/23 05:41 **File ID** : V30230915A01
LCSD Sample ID : WG1828105-4 **Analysis Date** : 09/15/23 06:03 **File ID** : V30230915A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Trichloroethene	10	9.8	98	10	11	110	12	70-130	20
1,2-Dichlorobenzene	10	10	100	10	11	110	10	70-130	20
1,3-Dichlorobenzene	10	10	100	10	11	110	10	70-130	20
1,4-Dichlorobenzene	10	10	100	10	11	110	10	70-130	20
Methyl tert butyl ether	10	11	110	10	12	120	9	63-130	20
p/m-Xylene	20	20	100	20	22	110	10	70-130	20
o-Xylene	20	20	100	20	21	105	5	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	12	120	18	70-130	20
Styrene	20	20	100	20	21	105	5	70-130	20
Dichlorodifluoromethane	10	10	100	10	12	120	18	36-147	20
Acetone	10	11	110	10	13	130	17	58-148	20
Carbon disulfide	10	10	100	10	10	100	0	51-130	20
2-Butanone	10	11	110	10	13	130	17	63-138	20
4-Methyl-2-pentanone	10	10	100	10	12	120	18	59-130	20
2-Hexanone	10	10	100	10	12	120	18	57-130	20
Bromochloromethane	10	10	100	10	12	120	18	70-130	20
1,2-Dibromoethane	10	11	110	10	12	120	9	70-130	20
n-Butylbenzene	10	11	110	10	11	110	0	53-136	20
sec-Butylbenzene	10	10	100	10	11	110	10	70-130	20
tert-Butylbenzene	10	10	100	10	11	110	10	70-130	20
1,2-Dibromo-3-chloropropane	10	9.6	96	10	12	120	22 Q	41-144	20
Isopropylbenzene	10	10	100	10	12	120	18	70-130	20
p-Isopropyltoluene	10	10	100	10	11	110	10	70-130	20
Naphthalene	10	10	100	10	12	120	18	70-130	20
n-Propylbenzene	10	11	110	10	12	120	9	69-130	20
1,2,3-Trichlorobenzene	10	10	100	10	11	110	10	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Sterling Environmental Engineering Lab Number : L2353445
 Project Name : TROY BELTING Project Number : 2011-31
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG1828105-3 Analysis Date : 09/15/23 05:41 File ID : V30230915A01
 LCSD Sample ID : WG1828105-4 Analysis Date : 09/15/23 06:03 File ID : V30230915A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
1,2,4-Trichlorobenzene	10	11	110	10	12	120	9	70-130	20
1,3,5-Trimethylbenzene	10	10	100	10	11	110	10	64-130	20
1,2,4-Trimethylbenzene	10	10	100	10	11	110	10	70-130	20
Methyl Acetate	10	11	110	10	12	120	9	70-130	20
Cyclohexane	10	10	100	10	11	110	10	70-130	20
1,4-Dioxane	500	560	112	500	640	128	13	56-162	20
Freon-113	10	11	110	10	12	120	9	70-130	20
Methyl cyclohexane	10	10	100	10	11	110	10	70-130	20

Laboratory Control Sample Summary

Form 3

Volatiles

Client : Sterling Environmental Engineering Lab Number : L2353445
 Project Name : TROY BELTING Project Number : 2011-31
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG1828105-10 Analysis Date : 09/16/23 12:58 File ID : V30230916A01
 LCSD Sample ID : WG1828105-11 Analysis Date : 09/16/23 13:20 File ID : V30230916A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	11	110	10	10	100	10	70-130	20
1,1-Dichloroethane	10	10	100	10	10	100	0	70-130	20
Chloroform	10	10	100	10	10	100	0	70-130	20
Carbon tetrachloride	10	9.9	99	10	9.4	94	5	63-132	20
1,2-Dichloropropane	10	10	100	10	10	100	0	70-130	20
Dibromochloromethane	10	10	100	10	9.3	93	7	63-130	20
1,1,2-Trichloroethane	10	10	100	10	9.9	99	1	70-130	20
Tetrachloroethene	10	10	100	10	9.3	93	7	70-130	20
Chlorobenzene	10	10	100	10	9.6	96	4	75-130	20
Trichlorofluoromethane	10	11	110	10	12	120	9	62-150	20
1,2-Dichloroethane	10	9.7	97	10	9.7	97	0	70-130	20
1,1,1-Trichloroethane	10	10	100	10	10	100	0	67-130	20
Bromodichloromethane	10	10	100	10	9.8	98	2	67-130	20
trans-1,3-Dichloropropene	10	11	110	10	9.9	99	11	70-130	20
cis-1,3-Dichloropropene	10	10	100	10	9.6	96	4	70-130	20
Bromoform	10	8.9	89	10	8.4	84	6	54-136	20
1,1,2,2-Tetrachloroethane	10	11	110	10	11	110	0	67-130	20
Benzene	10	11	110	10	10	100	10	70-130	20
Toluene	10	10	100	10	9.6	96	4	70-130	20
Ethylbenzene	10	11	110	10	9.8	98	12	70-130	20
Chloromethane	10	10	100	10	9.4	94	6	64-130	20
Bromomethane	10	8.5	85	10	8.2	82	4	39-139	20
Vinyl chloride	10	13	130	10	12	120	8	55-140	20
Chloroethane	10	11	110	10	12	120	9	55-138	20
1,1-Dichloroethene	10	11	110	10	10	100	10	61-145	20
trans-1,2-Dichloroethene	10	11	110	10	10	100	10	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Sterling Environmental Engineering Lab Number : L2353445
 Project Name : TROY BELTING Project Number : 2011-31
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG1828105-10 Analysis Date : 09/16/23 12:58 File ID : V30230916A01
 LCSD Sample ID : WG1828105-11 Analysis Date : 09/16/23 13:20 File ID : V30230916A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Trichloroethene	10	10	100	10	9.2	92	8	70-130	20
1,2-Dichlorobenzene	10	10	100	10	9.6	96	4	70-130	20
1,3-Dichlorobenzene	10	10	100	10	9.5	95	5	70-130	20
1,4-Dichlorobenzene	10	10	100	10	9.6	96	4	70-130	20
Methyl tert butyl ether	10	10	100	10	10	100	0	63-130	20
p/m-Xylene	20	21	105	20	19	95	10	70-130	20
o-Xylene	20	19	95	20	18	90	5	70-130	20
cis-1,2-Dichloroethene	10	11	110	10	10	100	10	70-130	20
Styrene	20	20	100	20	18	90	11	70-130	20
Dichlorodifluoromethane	10	11	110	10	10	100	10	36-147	20
Acetone	10	11	110	10	10	100	10	58-148	20
Carbon disulfide	10	11	110	10	9.8	98	12	51-130	20
2-Butanone	10	9.5	95	10	9.8	98	3	63-138	20
4-Methyl-2-pentanone	10	8.9	89	10	9.9	99	11	59-130	20
2-Hexanone	10	9.2	92	10	9.7	97	5	57-130	20
Bromochloromethane	10	9.9	99	10	9.8	98	1	70-130	20
1,2-Dibromoethane	10	10	100	10	9.8	98	2	70-130	20
n-Butylbenzene	10	11	110	10	9.9	99	11	53-136	20
sec-Butylbenzene	10	10	100	10	9.8	98	2	70-130	20
tert-Butylbenzene	10	10	100	10	9.7	97	3	70-130	20
1,2-Dibromo-3-chloropropane	10	9.1	91	10	10	100	9	41-144	20
Isopropylbenzene	10	11	110	10	9.8	98	12	70-130	20
p-Isopropyltoluene	10	10	100	10	9.6	96	4	70-130	20
Naphthalene	10	9.8	98	10	9.7	97	1	70-130	20
n-Propylbenzene	10	11	110	10	10	100	10	69-130	20
1,2,3-Trichlorobenzene	10	9.9	99	10	9.5	95	4	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Sterling Environmental Engineering Lab Number : L2353445
 Project Name : TROY BELTING Project Number : 2011-31
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG1828105-10 Analysis Date : 09/16/23 12:58 File ID : V30230916A01
 LCSD Sample ID : WG1828105-11 Analysis Date : 09/16/23 13:20 File ID : V30230916A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
1,2,4-Trichlorobenzene	10	10	100	10	9.5	95	5	70-130	20
1,3,5-Trimethylbenzene	10	10	100	10	9.6	96	4	64-130	20
1,2,4-Trimethylbenzene	10	10	100	10	9.5	95	5	70-130	20
Methyl Acetate	10	9.6	96	10	10	100	4	70-130	20
Cyclohexane	10	10	100	10	9.9	99	1	70-130	20
1,4-Dioxane	500	450	90	500	460	92	2	56-162	20
Freon-113	10	10	100	10	10	100	0	70-130	20
Methyl cyclohexane	10	10	100	10	9.8	98	2	70-130	20

Matrix Spike Sample Summary

Form 3

Volatiles

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Client Sample ID : MW-6S
 Lab Sample ID : L2353445-05
 Matrix Spike : WG1828105-6
 Matrix Spike Dup : WG1828105-7

Lab Number : L2353445
 Project Number : 2011-31
 Matrix (Level) : WATER (LOW)
 Analysis Date : 09/15/23 10:26
 MS Analysis Date : 09/16/23 22:06
 MSD Analysis Date : 09/16/23 22:28

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
Methylene chloride	ND	200	220	110	200	200	100	10	70-130	20
1,1-Dichloroethane	42J	200	260	130	200	240	120	8	70-130	20
Chloroform	ND	200	220	110	200	200	100	10	70-130	20
Carbon tetrachloride	ND	200	210	105	200	200	100	5	63-132	20
1,2-Dichloropropane	ND	200	220	110	200	200	100	10	70-130	20
Dibromochloromethane	ND	200	180	90	200	180	90	0	63-130	20
1,1,2-Trichloroethane	ND	200	200	100	200	200	100	0	70-130	20
Tetrachloroethene	ND	200	220	110	200	200	100	10	70-130	20
Chlorobenzene	ND	200	220	110	200	200	100	10	75-130	20
Trichlorofluoromethane	ND	200	280	140	200	270	135	4	62-150	20
1,2-Dichloroethane	ND	200	200	100	200	200	100	0	70-130	20
1,1,1-Trichloroethane	ND	200	230	115	200	210	105	9	67-130	20
Bromodichloromethane	ND	200	200	100	200	190	95	5	67-130	20
trans-1,3-Dichloropropene	ND	200	190	95	200	190	95	0	70-130	20
cis-1,3-Dichloropropene	ND	200	190	95	200	180	90	5	70-130	20
Bromoform	ND	200	160	80	200	160	80	0	54-136	20
1,1,2,2-Tetrachloroethane	ND	200	230	115	200	230	115	0	67-130	20
Benzene	ND	200	220	110	200	200	100	10	70-130	20
Toluene	ND	200	220	110	200	200	100	10	70-130	20
Ethylbenzene	ND	200	220	110	200	210	105	5	70-130	20
Chloromethane	ND	200	210	105	200	190	95	10	64-130	20
Bromomethane	ND	200	160	80	200	150	75	6	39-139	20



Matrix Spike Sample Summary

Form 3

Volatiles

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Client Sample ID	: MW-6S	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2353445-05	Analysis Date	: 09/15/23 10:26
Matrix Spike	: WG1828105-6	MS Analysis Date	: 09/16/23 22:06
Matrix Spike Dup	: WG1828105-7	MSD Analysis Date	: 09/16/23 22:28

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
Vinyl chloride	950	200	1200	125	200	1000	25 Q	18	55-140	20
Chloroethane	ND	200	260	130	200	250	125	4	55-138	20
1,1-Dichloroethene	5.6J	200	240	120	200	210	105	13	61-145	20
trans-1,2-Dichloroethene	ND	200	220	110	200	210	105	5	70-130	20
Trichloroethene	ND	200	200	100	200	190	95	5	70-130	20
1,2-Dichlorobenzene	ND	200	200	100	200	190	95	5	70-130	20
1,3-Dichlorobenzene	ND	200	210	105	200	190	95	10	70-130	20
1,4-Dichlorobenzene	ND	200	200	100	200	190	95	5	70-130	20
Methyl tert butyl ether	ND	200	200	100	200	200	100	0	63-130	20
p/m-Xylene	ND	400	420	105	400	390	98	7	70-130	20
o-Xylene	ND	400	410	103	400	370	92	10	70-130	20
cis-1,2-Dichloroethene	2200	200	2200	0 Q	200	1900	0 Q	15	70-130	20
Styrene	ND	400	400	100	400	370	92	8	70-130	20
Dichlorodifluoromethane	ND	200	240	120	200	220	110	9	36-147	20
Acetone	ND	200	200	100	200	210	105	5	58-148	20
Carbon disulfide	ND	200	220	110	200	200	100	10	51-130	20
2-Butanone	ND	200	190	95	200	180	90	5	63-138	20
4-Methyl-2-pentanone	ND	200	200	100	200	200	100	0	59-130	20
2-Hexanone	ND	200	180	90	200	190	95	5	57-130	20
Bromochloromethane	ND	200	220	110	200	200	100	10	70-130	20
1,2-Dibromoethane	ND	200	200	100	200	200	100	0	70-130	20
n-Butylbenzene	ND	200	220	110	200	200	100	10	53-136	20



Matrix Spike Sample Summary

Form 3

Volatiles

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Client Sample ID	: MW-6S	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2353445-05	Analysis Date	: 09/15/23 10:26
Matrix Spike	: WG1828105-6	MS Analysis Date	: 09/16/23 22:06
Matrix Spike Dup	: WG1828105-7	MSD Analysis Date	: 09/16/23 22:28

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
sec-Butylbenzene	ND	200	220	110	200	200	100	10	70-130	20
tert-Butylbenzene	ND	200	220	110	200	200	100	10	70-130	20
1,2-Dibromo-3-chloropropane	ND	200	180	90	200	180	90	0	41-144	20
Isopropylbenzene	ND	200	220	110	200	200	100	10	70-130	20
p-Isopropyltoluene	ND	200	210	105	200	200	100	5	70-130	20
Naphthalene	ND	200	200	100	200	200	100	0	70-130	20
n-Propylbenzene	ND	200	230	115	200	210	105	9	69-130	20
1,2,3-Trichlorobenzene	ND	200	190	95	200	180	90	5	70-130	20
1,2,4-Trichlorobenzene	ND	200	200	100	200	190	95	5	70-130	20
1,3,5-Trimethylbenzene	ND	200	210	105	200	200	100	5	64-130	20
1,2,4-Trimethylbenzene	ND	200	210	105	200	190	95	10	70-130	20
Methyl Acetate	ND	200	190	95	200	200	100	5	70-130	20
Cyclohexane	ND	200	230	115	200	210	105	9	70-130	20
1,4-Dioxane	ND	10000	9900	99	10000	10000	100	1	56-162	20
Freon-113	ND	200	240	120	200	220	110	9	70-130	20
Methyl cyclohexane	ND	200	220	110	200	210	105	5	70-130	20



Method Blank Summary

Form 4

Volatiles

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Lab Sample ID	: WG1828105-5	Lab File ID	: V30230915A05
Instrument ID	: VOA130		
Matrix	: WATER	Analysis Date	: 09/15/23 07:08

Client Sample No.	Lab Sample ID	Analysis Date
WG1828105-3LCS	WG1828105-3	09/15/23 05:41
WG1828105-4LCSD	WG1828105-4	09/15/23 06:03
TB09132023	L2353445-09	09/15/23 07:52
MW-7D	L2353445-01	09/15/23 08:36
MW-7S	L2353445-02	09/15/23 08:58
MW-8S	L2353445-03	09/15/23 09:20
DUP09132023	L2353445-08	09/15/23 09:42
MW-6D'	L2353445-04D	09/15/23 10:04
MW-6S	L2353445-05D	09/15/23 10:26
MW-6D	L2353445-06D	09/15/23 10:48

**Method Blank Summary
Form 4
Volatiles**

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Lab Sample ID	: WG1828105-12	Lab File ID	: V30230916A05
Instrument ID	: VOA130		
Matrix	: WATER	Analysis Date	: 09/16/23 14:26

Client Sample No.	Lab Sample ID	Analysis Date
WG1828105-10LCS	WG1828105-10	09/16/23 12:58
WG1828105-11LCSD	WG1828105-11	09/16/23 13:20
MW-4S	L2353445-07D	09/16/23 21:44
MW-6SMS	WG1828105-6	09/16/23 22:06
MW-6SMSD	WG1828105-7	09/16/23 22:28

Instrument Performance Check (Tune) Summary

Form 5

Volatiles

Bromofluorobenzene (BFB)

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Instrument ID	: VOA130	Analysis Date	: 09/13/23 15:16
Tune Standard	: WG1827534-1	Tune File ID	: V30230913ABF3_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.1
75	30.0 - 80.0% of mass 95	53.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1.1 (1.3)1
174	Greater than 50.0% of mass 95	86.3
175	5.0 - 9.0% of mass 174	6.6 (7.7)1
176	Greater than 95.0% but less than 101% of mass	82.7 (95.9)1
177	5.0 - 9.0% of mass 176	5.5 (6.7)2

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

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1740659-1	V30230913A03	09/13/23 16:17
STD0.5PPB	R1740659-3	V30230913A05	09/13/23 17:01
STD2PPB	R1740659-2	V30230913A07	09/13/23 17:45
STD10PPB	R1740659-4	V30230913A09	09/13/23 18:29
STD30PPB	R1740659-6	V30230913A10	09/13/23 18:50
STD80PPB	R1740659-5	V30230913A11	09/13/23 19:12
STD120PPB	R1740659-7	V30230913A12	09/13/23 19:34
STD200PPB	R1740659-8	V30230913A13	09/13/23 19:56
Correlation Data Summary	R1740659-9	V30230913A18	09/13/23 21:45
ICV Quant Report	R1740659-9	V30230913A18	09/13/23 21:45

Instrument Performance Check (Tune) Summary

Form 5

Volatiles

Bromofluorobenzene (BFB)

Client : Sterling Environmental Engineering	Lab Number : L2353445
Project Name : TROY BELTING	Project Number : 2011-31
Instrument ID : VOA130	Analysis Date : 09/15/23 05:22
Tune Standard : WG1828105-1	Tune File ID : V30230915ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.5
75	30.0 - 80.0% of mass 95	54.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (.5)1
174	Greater than 50.0% of mass 95	87.5
175	5.0 - 9.0% of mass 174	6.6 (7.5)1
176	Greater than 95.0% but less than 101% of mass	84.3 (96.3)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

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

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1828105-2CCAL	WG1828105-2	V30230915A01	09/15/23 05:41
WG1828105-3LCS	WG1828105-3	V30230915A01	09/15/23 05:41
WG1828105-4LCSD	WG1828105-4	V30230915A02	09/15/23 06:03
WG1828105-5BLANK	WG1828105-5	V30230915A05	09/15/23 07:08
TB09132023	L2353445-09	V30230915A07	09/15/23 07:52
MW-7D	L2353445-01	V30230915A09	09/15/23 08:36
MW-7S	L2353445-02	V30230915A10	09/15/23 08:58
MW-8S	L2353445-03	V30230915A11	09/15/23 09:20
DUP09132023	L2353445-08	V30230915A12	09/15/23 09:42
MW-6D'	L2353445-04D	V30230915A13	09/15/23 10:04
MW-6S	L2353445-05D	V30230915A14	09/15/23 10:26
MW-6D	L2353445-06D	V30230915A15	09/15/23 10:48

Instrument Performance Check (Tune) Summary

Form 5

Volatiles

Bromofluorobenzene (BFB)

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Instrument ID	: VOA130	Analysis Date	: 09/16/23 12:41
Tune Standard	: WG1828105-8	Tune File ID	: V30230916ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.2
75	30.0 - 80.0% of mass 95	54.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	1.2 (1.3)1
174	Greater than 50.0% of mass 95	87.5
175	5.0 - 9.0% of mass 174	6.6 (7.5)1
176	Greater than 95.0% but less than 101% of mass	84.4 (96.4)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

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

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1828105-10LCS	WG1828105-10	V30230916A01	09/16/23 12:58
WG1828105-9CCAL	WG1828105-9	V30230916A01	09/16/23 12:58
WG1828105-11LCSD	WG1828105-11	V30230916A02	09/16/23 13:20
WG1828105-12BLANK	WG1828105-12	V30230916A05	09/16/23 14:26
MW-4S	L2353445-07D	V30230916A25	09/16/23 21:44
WG1828105-6MS	WG1828105-6	V30230916A26	09/16/23 22:06
WG1828105-7MSD	WG1828105-7	V30230916A27	09/16/23 22:28

Internal Standard Area and RT Summary

Form 8a

Volatiles

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Instrument ID : VOA130
 Sample No : WG1828105-2

Lab Number : L2353445
 Project Number : 2011-31
 Analysis Date : 09/15/23 05:41:00
 Lab File ID : V30230915A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1828105-2	196480	6.13	172891	9.69	103140	12.37
Upper Limit	392960	6.63	345782	10.19	206280	12.87
Lower Limit	98240	5.63	86446	9.19	51570	11.87
Sample ID						
WG1828105-3 LCS	196480	6.13	172891	9.69	103140	12.37
WG1828105-4 LCSD	180171	6.14	165777	9.69	97837	12.37
WG1828105-5 BLANK	171912	6.14	159132	9.69	90744	12.37
TB09132023	175684	6.14	161698	9.69	91498	12.37
MW-7D	168482	6.14	158655	9.69	89670	12.37
MW-7S	163334	6.14	152817	9.69	85487	12.37
MW-8S	158008	6.14	149246	9.69	84697	12.37
DUP09132023	164662	6.14	153431	9.69	87396	12.37
MW-6D'	164418	6.14	150678	9.69	85249	12.37
MW-6S	158253	6.14	145892	9.69	83066	12.37
MW-6D	155829	6.14	145510	9.69	82164	12.37
WG1828105-8 BFB	-	-	-	-	-	-

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

* Values outside of QC limits



Internal Standard Area and RT Summary

Form 8a

Volatiles

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Instrument ID : VOA130
 Sample No : WG1828105-9

Lab Number : L2353445
 Project Number : 2011-31
 Analysis Date : 09/16/23 12:58:00
 Lab File ID : V30230916A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1828105-9	187984	6.14	163848	9.69	96294	12.37
Upper Limit	375968	6.64	327696	10.19	192588	12.87
Lower Limit	93992	5.64	81924	9.19	48147	11.87
Sample ID						
WG1828105-10 LCS	187984	6.14	163848	9.69	96294	12.37
WG1828105-11 LCSD	168636	6.14	156890	9.69	92977	12.37
WG1828105-12 BLANK	159105	6.14	147910	9.69	82752	12.37
MW-4S	147438	6.14	137245	9.69	76679	12.37
MW-6S MS	150518	6.14	138483	9.69	82543	12.37
MW-6S MSD	154565	6.14	141044	9.69	84434	12.37

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

* Values outside of QC limits





Date Created: 03/15/23
Created By: Jason Hebert
File: PM14094-1
Page: 1

Volatile Organics - EPA 8260D (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	3	0.678	ug/l	70-130	20	70-130	20	20			
1,1-Dichloroethane	75-34-3	0.75	0.21	ug/l	70-130	20	70-130	20	20			
Chloroform	67-66-3	0.75	0.222	ug/l	70-130	20	70-130	20	20			
Carbon tetrachloride	56-23-5	0.5	0.134	ug/l	63-132	20	63-132	20	20			
1,2-Dichloropropane	78-87-5	1.75	0.137	ug/l	70-130	20	70-130	20	20			
Dibromochloromethane	124-48-1	0.5	0.149	ug/l	63-130	20	63-130	20	20			
1,1,2-Trichloroethane	79-00-5	0.75	0.144	ug/l	70-130	20	70-130	20	20			
Tetrachloroethene	127-18-4	0.5	0.181	ug/l	70-130	20	70-130	20	20			
Chlorobenzene	108-90-7	0.5	0.178	ug/l	75-130	25	75-130	25	25			
Trichlorofluoromethane	75-69-4	2.5	0.161	ug/l	62-150	20	62-150	20	20			
1,2-Dichloroethane	107-06-2	0.5	0.132	ug/l	70-130	20	70-130	20	20			
1,1,1-Trichloroethane	71-55-6	0.5	0.158	ug/l	67-130	20	67-130	20	20			
Bromodichloromethane	75-27-4	0.5	0.192	ug/l	67-130	20	67-130	20	20			
trans-1,3-Dichloropropene	10061-02-6	0.5	0.164	ug/l	70-130	20	70-130	20	20			
cis-1,3-Dichloropropene	10061-01-5	0.5	0.144	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20			
1,1-Dichloropropene	563-58-6	2.5	0.24	ug/l	70-130	20	70-130	20	20			
Bromoform	75-25-2	2	0.248	ug/l	54-136	20	54-136	20	20			
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.167	ug/l	67-130	20	67-130	20	20			
Benzene	71-43-2	0.5	0.159	ug/l	70-130	25	70-130	25	25			
Toluene	108-88-3	0.75	0.203	ug/l	70-130	25	70-130	25	25			
Ethylbenzene	100-41-4	0.5	0.167	ug/l	70-130	20	70-130	20	20			
Chloromethane	74-87-3	2.5	0.2	ug/l	64-130	20	64-130	20	20			
Bromomethane	74-83-9	1	0.256	ug/l	39-139	20	39-139	20	20			
Vinyl chloride	75-01-4	1	0.0714	ug/l	55-140	20	55-140	20	20			
Chloroethane	75-00-3	1	0.134	ug/l	55-138	20	55-138	20	20			
1,1-Dichloroethene	75-35-4	0.5	0.169	ug/l	61-145	25	61-145	25	25			
trans-1,2-Dichloroethene	156-60-5	0.75	0.163	ug/l	70-130	20	70-130	20	20			
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20			
Trichloroethene	79-01-6	0.5	0.175	ug/l	70-130	25	70-130	25	25			
1,2-Dichlorobenzene	95-50-1	2.5	0.184	ug/l	70-130	20	70-130	20	20			
1,3-Dichlorobenzene	541-73-1	2.5	0.186	ug/l	70-130	20	70-130	20	20			
1,4-Dichlorobenzene	106-46-7	2.5	0.187	ug/l	70-130	20	70-130	20	20			
Methyl tert butyl ether	1634-04-4	1	0.166	ug/l	63-130	20	63-130	20	20			
p/m-Xylene	179601-23-1	1	0.332	ug/l	70-130	20	70-130	20	20			
o-Xylene	95-47-6	1	0.392	ug/l	70-130	20	70-130	20	20			
Xylene (Total)	1330-20-7	1	0.33	ug/l				20	20			
cis-1,2-Dichloroethene	156-59-2	0.5	0.187	ug/l	70-130	20	70-130	20	20			
Dibromomethane	74-95-3	5	0.363	ug/l	70-130	20	70-130	20	20			
1,4-Dichlorobutane	110-56-5	5	0.464	ug/l	70-130	20	70-130	20	20			
1,2,3-Trichloropropane	96-18-4	5	0.176	ug/l	64-130	20	64-130	20	20			
Styrene	100-42-5	1	0.359	ug/l	70-130	20	70-130	20	20			

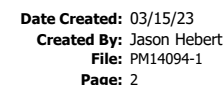
Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.



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Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Please Note that the RL Information provided in this table is calculated using a 100% Solids factor. (Soll/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.





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File: PM14095-1
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VOCs - EPA 8260D/5035 High & Low (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - 1 Vial MeOH/2 Vial Water

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	5	2.29	ug/kg	70-130	30	70-130	30	30			
1,1-Dichloroethane	75-34-3	1	0.145	ug/kg	70-130	30	70-130	30	30			
Chloroform	67-66-3	1.5	0.14	ug/kg	70-130	30	70-130	30	30			
Carbon tetrachloride	56-23-5	1	0.23	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloropropane	78-87-5	1	0.125	ug/kg	70-130	30	70-130	30	30			
Dibromochloromethane	124-48-1	1	0.14	ug/kg	70-130	30	70-130	30	30			
1,1,2-Trichloroethane	79-00-5	1	0.267	ug/kg	70-130	30	70-130	30	30			
Tetrachloroethene	127-18-4	0.5	0.196	ug/kg	70-130	30	70-130	30	30			
Chlorobenzene	108-90-7	0.5	0.127	ug/kg	70-130	30	70-130	30	30			
Trichlorofluoromethane	75-69-4	4	0.695	ug/kg	70-139	30	70-139	30	30			
1,2-Dichloroethane	107-06-2	1	0.257	ug/kg	70-130	30	70-130	30	30			
1,1,1-Trichloroethane	71-55-6	0.5	0.167	ug/kg	70-130	30	70-130	30	30			
Bromodichloromethane	75-27-4	0.5	0.109	ug/kg	70-130	30	70-130	30	30			
trans-1,3-Dichloropropene	10061-02-6	1	0.273	ug/kg	70-130	30	70-130	30	30			
cis-1,3-Dichloropropene	10061-01-5	0.5	0.158	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropene, Total	542-75-6	0.5	0.158	ug/kg				30	30			
1,1-Dichloropropene	563-58-6	0.5	0.159	ug/kg	70-130	30	70-130	30	30			
Bromoform	75-25-2	4	0.246	ug/kg	70-130	30	70-130	30	30			
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.166	ug/kg	70-130	30	70-130	30	30			
Benzene	71-43-2	0.5	0.166	ug/kg	70-130	30	70-130	30	30			
Toluene	108-88-3	1	0.543	ug/kg	70-130	30	70-130	30	30			
Ethylbenzene	100-41-4	1	0.141	ug/kg	70-130	30	70-130	30	30			
Chloromethane	74-87-3	4	0.932	ug/kg	52-130	30	52-130	30	30			
Bromomethane	74-83-9	2	0.581	ug/kg	57-147	30	57-147	30	30			
Vinyl chloride	75-01-4	1	0.335	ug/kg	67-130	30	67-130	30	30			
Chloroethane	75-00-3	2	0.452	ug/kg	50-151	30	50-151	30	30			
1,1-Dichloroethene	75-35-4	1	0.238	ug/kg	65-135	30	65-135	30	30			
trans-1,2-Dichloroethene	156-60-5	1.5	0.137	ug/kg	70-130	30	70-130	30	30			
Trichloroethene	79-01-6	0.5	0.137	ug/kg	70-130	30	70-130	30	30			
1,2-Dichlorobenzene	95-50-1	2	0.144	ug/kg	70-130	30	70-130	30	30			
1,3-Dichlorobenzene	541-73-1	2	0.148	ug/kg	70-130	30	70-130	30	30			
1,4-Dichlorobenzene	106-46-7	2	0.171	ug/kg	70-130	30	70-130	30	30			
Methyl tert butyl ether	1634-04-4	2	0.201	ug/kg	66-130	30	66-130	30	30			
p/m-Xylene	179601-23-1	2	0.56	ug/kg	70-130	30	70-130	30	30			
o-Xylene	95-47-6	1	0.291	ug/kg	70-130	30	70-130	30	30			
Xylene (Total)	1330-20-7	1	0.291	ug/kg				30	30			
cis-1,2-Dichloroethene	156-59-2	1	0.175	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethene (total)	540-59-0	1	0.137	ug/kg				30	30			
Dibromomethane	74-95-3	2	0.238	ug/kg	70-130	30	70-130	30	30			
1,4-Dichlorobutane	110-56-5	10	0.226	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichloropropane	96-18-4	2	0.127	ug/kg	68-130	30	68-130	30	30			
Styrene	100-42-5	1	0.196	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL Information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.



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VOCs - EPA 8260D/5035 High & Low (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - 1 Vial MeOH/2 Vial Water

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dichlorodifluoromethane	75-71-8	10	0.915	ug/kg	30-146	30	30-146	30	30			
Acetone	67-64-1	25	10	ug/kg	54-140	30	54-140	30	30			
Carbon disulfide	75-15-0	10	4.55	ug/kg	59-130	30	59-130	30	30			
2-Butanone	78-93-3	10	2.22	ug/kg	70-130	30	70-130	30	30			
Vinyl acetate	108-05-4	10	2.15	ug/kg	70-130	30	70-130	30	30			
4-Methyl-2-pentanone	108-10-1	10	1.28	ug/kg	70-130	30	70-130	30	30			
2-Hexanone	591-78-6	10	1.18	ug/kg	70-130	30	70-130	30	30			
Ethyl methacrylate	97-63-2	10	1.58	ug/kg	70-130	30	70-130	30	30			
Acrylonitrile	107-13-1	4	1.15	ug/kg	70-130	30	70-130	30	30			
Bromochloromethane	74-97-5	2	0.205	ug/kg	70-130	30	70-130	30	30			
Tetrahydrofuran	109-99-9	4	1.59	ug/kg	66-130	30	66-130	30	30			
2,2-Dichloropropane	594-20-7	2	0.202	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromoethane	106-93-4	1	0.279	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropane	142-28-9	2	0.167	ug/kg	69-130	30	69-130	30	30			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.132	ug/kg	70-130	30	70-130	30	30			
Bromobenzene	108-86-1	2	0.145	ug/kg	70-130	30	70-130	30	30			
n-Butylbenzene	104-51-8	1	0.167	ug/kg	70-130	30	70-130	30	30			
sec-Butylbenzene	135-98-8	1	0.146	ug/kg	70-130	30	70-130	30	30			
tert-Butylbenzene	98-06-6	2	0.118	ug/kg	70-130	30	70-130	30	30			
o-Chlorotoluene	95-49-8	2	0.191	ug/kg	70-130	30	70-130	30	30			
p-Chlorotoluene	106-43-4	2	0.108	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromo-3-chloropropane	96-12-8	3	0.998	ug/kg	68-130	30	68-130	30	30			
Hexachlorobutadiene	87-68-3	4	0.169	ug/kg	67-130	30	67-130	30	30			
Isopropylbenzene	98-82-8	1	0.109	ug/kg	70-130	30	70-130	30	30			
p-Isopropyltoluene	99-87-6	1	0.109	ug/kg	70-130	30	70-130	30	30			
Naphthalene	91-20-3	4	0.65	ug/kg	70-130	30	70-130	30	30			
n-Propylbenzene	103-65-1	1	0.171	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichlorobenzene	87-61-6	2	0.322	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trichlorobenzene	120-82-1	2	0.272	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trimethylbenzene	108-67-8	2	0.193	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trimethylbenzene	95-63-6	2	0.334	ug/kg	70-130	30	70-130	30	30			
trans-1,4-Dichloro-2-butene	110-57-6	5	1.42	ug/kg	70-130	30	70-130	30	30			
Ethyl ether	60-29-7	2	0.341	ug/kg	67-130	30	67-130	30	30			
1,2-Dichloroethane-d4	17060-07-0										70-130	
Toluene-d8	2037-26-5										70-130	
4-Bromofluorobenzene	460-00-4										70-130	
Dibromofluoromethane	1868-53-7										70-130	

Please Note that the RL Information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
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Volatiles Sample Data

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-01
 Client ID : MW-7D
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 09:40
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 08:36
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-01
 Client ID : MW-7D
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 09:40
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 08:36
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-01
 Client ID : MW-7D
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 09:40
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 08:36
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-02
 Client ID : MW-7S
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A10
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 10:15
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 08:58
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.11	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-02
 Client ID : MW-7S
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A10
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 10:15
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 08:58
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	1.9	2.5	0.70	J
540-59-0	1,2-Dichloroethene, Total	1.9	2.5	0.70	J
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-02
 Client ID : MW-7S
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A10
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 10:15
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 08:58
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-03
 Client ID : MW-8S
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 11:10
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 09:20
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	17	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-03
 Client ID : MW-8S
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 11:10
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 09:20
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	5.2	2.5	0.70	
540-59-0	1,2-Dichloroethene, Total	5.2	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-03
 Client ID : MW-8S
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 11:10
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 09:20
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-04D
 Client ID : MW-6D'
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A13
 Sample Amount : 4 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 12:20
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 10:04
 Dilution Factor : 2.5
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.2	1.8	U
75-34-3	1,1-Dichloroethane	4.3	6.2	1.8	J
67-66-3	Chloroform	ND	6.2	1.8	U
56-23-5	Carbon tetrachloride	ND	1.2	0.34	U
78-87-5	1,2-Dichloropropane	ND	2.5	0.34	U
124-48-1	Dibromochloromethane	ND	1.2	0.37	U
79-00-5	1,1,2-Trichloroethane	ND	3.8	1.2	U
127-18-4	Tetrachloroethene	ND	1.2	0.45	U
108-90-7	Chlorobenzene	ND	6.2	1.8	U
75-69-4	Trichlorofluoromethane	ND	6.2	1.8	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.33	U
71-55-6	1,1,1-Trichloroethane	ND	6.2	1.8	U
75-27-4	Bromodichloromethane	ND	1.2	0.48	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.41	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	0.36	U
542-75-6	1,3-Dichloropropene, Total	ND	1.2	0.36	U
75-25-2	Bromoform	ND	5.0	1.6	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.2	0.42	U
71-43-2	Benzene	ND	1.2	0.40	U
108-88-3	Toluene	ND	6.2	1.8	U
100-41-4	Ethylbenzene	ND	6.2	1.8	U
74-87-3	Chloromethane	ND	6.2	1.8	U
74-83-9	Bromomethane	ND	6.2	1.8	U
75-01-4	Vinyl chloride	250	2.5	0.18	
75-00-3	Chloroethane	ND	6.2	1.8	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-04D
 Client ID : MW-6D'
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A13
 Sample Amount : 4 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 12:20
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 10:04
 Dilution Factor : 2.5
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-35-4	1,1-Dichloroethene	0.71	1.2	0.42	J
156-60-5	trans-1,2-Dichloroethene	ND	6.2	1.8	U
79-01-6	Trichloroethene	ND	1.2	0.44	U
95-50-1	1,2-Dichlorobenzene	ND	6.2	1.8	U
541-73-1	1,3-Dichlorobenzene	ND	6.2	1.8	U
106-46-7	1,4-Dichlorobenzene	ND	6.2	1.8	U
1634-04-4	Methyl tert butyl ether	ND	6.2	1.8	U
179601-23-1	p/m-Xylene	ND	6.2	1.8	U
95-47-6	o-Xylene	ND	6.2	1.8	U
1330-20-7	Xylenes, Total	ND	6.2	1.8	U
156-59-2	cis-1,2-Dichloroethene	440	6.2	1.8	
540-59-0	1,2-Dichloroethene, Total	440	6.2	1.8	
100-42-5	Styrene	ND	6.2	1.8	U
75-71-8	Dichlorodifluoromethane	ND	12	2.5	U
67-64-1	Acetone	ND	12	3.6	U
75-15-0	Carbon disulfide	ND	12	2.5	U
78-93-3	2-Butanone	ND	12	4.8	U
108-10-1	4-Methyl-2-pentanone	ND	12	2.5	U
591-78-6	2-Hexanone	ND	12	2.5	U
74-97-5	Bromochloromethane	ND	6.2	1.8	U
106-93-4	1,2-Dibromoethane	ND	5.0	1.6	U
104-51-8	n-Butylbenzene	ND	6.2	1.8	U
135-98-8	sec-Butylbenzene	ND	6.2	1.8	U
98-06-6	tert-Butylbenzene	ND	6.2	1.8	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	1.8	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-04D
 Client ID : MW-6D'
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A13
 Sample Amount : 4 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 12:20
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 10:04
 Dilution Factor : 2.5
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
98-82-8	Isopropylbenzene	ND	6.2	1.8	U
99-87-6	p-Isopropyltoluene	ND	6.2	1.8	U
91-20-3	Naphthalene	ND	6.2	1.8	U
103-65-1	n-Propylbenzene	ND	6.2	1.8	U
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	1.8	U
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	1.8	U
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	1.8	U
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	1.8	U
79-20-9	Methyl Acetate	ND	5.0	0.58	U
110-82-7	Cyclohexane	ND	25	0.68	U
123-91-1	1,4-Dioxane	ND	620	150	U
76-13-1	Freon-113	ND	6.2	1.8	U
108-87-2	Methyl cyclohexane	ND	25	0.99	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-05D
 Client ID : MW-6S
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A14
 Sample Amount : 0.5 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 13:05
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 10:26
 Dilution Factor : 20
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	50	14.	U
75-34-3	1,1-Dichloroethane	42	50	14.	J
67-66-3	Chloroform	ND	50	14.	U
56-23-5	Carbon tetrachloride	ND	10	2.7	U
78-87-5	1,2-Dichloropropane	ND	20	2.7	U
124-48-1	Dibromochloromethane	ND	10	3.0	U
79-00-5	1,1,2-Trichloroethane	ND	30	10.	U
127-18-4	Tetrachloroethene	ND	10	3.6	U
108-90-7	Chlorobenzene	ND	50	14.	U
75-69-4	Trichlorofluoromethane	ND	50	14.	U
107-06-2	1,2-Dichloroethane	ND	10	2.6	U
71-55-6	1,1,1-Trichloroethane	ND	50	14.	U
75-27-4	Bromodichloromethane	ND	10	3.8	U
10061-02-6	trans-1,3-Dichloropropene	ND	10	3.3	U
10061-01-5	cis-1,3-Dichloropropene	ND	10	2.9	U
542-75-6	1,3-Dichloropropene, Total	ND	10	2.9	U
75-25-2	Bromoform	ND	40	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	3.3	U
71-43-2	Benzene	ND	10	3.2	U
108-88-3	Toluene	ND	50	14.	U
100-41-4	Ethylbenzene	ND	50	14.	U
74-87-3	Chloromethane	ND	50	14.	U
74-83-9	Bromomethane	ND	50	14.	U
75-01-4	Vinyl chloride	950	20	1.4	
75-00-3	Chloroethane	ND	50	14.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-05D
 Client ID : MW-6S
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A14
 Sample Amount : 0.5 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 13:05
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 10:26
 Dilution Factor : 20
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-35-4	1,1-Dichloroethene	5.6	10	3.4	J
156-60-5	trans-1,2-Dichloroethene	ND	50	14.	U
79-01-6	Trichloroethene	ND	10	3.5	U
95-50-1	1,2-Dichlorobenzene	ND	50	14.	U
541-73-1	1,3-Dichlorobenzene	ND	50	14.	U
106-46-7	1,4-Dichlorobenzene	ND	50	14.	U
1634-04-4	Methyl tert butyl ether	ND	50	14.	U
179601-23-1	p/m-Xylene	ND	50	14.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	2200	50	14.	
540-59-0	1,2-Dichloroethene, Total	2200	50	14.	
100-42-5	Styrene	ND	50	14.	U
75-71-8	Dichlorodifluoromethane	ND	100	20.	U
67-64-1	Acetone	ND	100	29.	U
75-15-0	Carbon disulfide	ND	100	20.	U
78-93-3	2-Butanone	ND	100	39.	U
108-10-1	4-Methyl-2-pentanone	ND	100	20.	U
591-78-6	2-Hexanone	ND	100	20.	U
74-97-5	Bromochloromethane	ND	50	14.	U
106-93-4	1,2-Dibromoethane	ND	40	13.	U
104-51-8	n-Butylbenzene	ND	50	14.	U
135-98-8	sec-Butylbenzene	ND	50	14.	U
98-06-6	tert-Butylbenzene	ND	50	14.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	14.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-05D
 Client ID : MW-6S
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A14
 Sample Amount : 0.5 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 13:05
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 10:26
 Dilution Factor : 20
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
98-82-8	Isopropylbenzene	ND	50	14.	U
99-87-6	p-Isopropyltoluene	ND	50	14.	U
91-20-3	Naphthalene	ND	50	14.	U
103-65-1	n-Propylbenzene	ND	50	14.	U
87-61-6	1,2,3-Trichlorobenzene	ND	50	14.	U
120-82-1	1,2,4-Trichlorobenzene	ND	50	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	50	14.	U
95-63-6	1,2,4-Trimethylbenzene	ND	50	14.	U
79-20-9	Methyl Acetate	ND	40	4.7	U
110-82-7	Cyclohexane	ND	200	5.4	U
123-91-1	1,4-Dioxane	ND	5000	1200	U
76-13-1	Freon-113	ND	50	14.	U
108-87-2	Methyl cyclohexane	ND	200	7.9	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-06D
 Client ID : MW-6D
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A15
 Sample Amount : 0.1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 14:10
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 10:48
 Dilution Factor : 100
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	250	70.	U
75-34-3	1,1-Dichloroethane	84	250	70.	J
67-66-3	Chloroform	ND	250	70.	U
56-23-5	Carbon tetrachloride	ND	50	13.	U
78-87-5	1,2-Dichloropropane	ND	100	14.	U
124-48-1	Dibromochloromethane	ND	50	15.	U
79-00-5	1,1,2-Trichloroethane	ND	150	50.	U
127-18-4	Tetrachloroethene	ND	50	18.	U
108-90-7	Chlorobenzene	ND	250	70.	U
75-69-4	Trichlorofluoromethane	ND	250	70.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	250	70.	U
75-27-4	Bromodichloromethane	ND	50	19.	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	16.	U
10061-01-5	cis-1,3-Dichloropropene	ND	50	14.	U
542-75-6	1,3-Dichloropropene, Total	ND	50	14.	U
75-25-2	Bromoform	ND	200	65.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	17.	U
71-43-2	Benzene	ND	50	16.	U
108-88-3	Toluene	ND	250	70.	U
100-41-4	Ethylbenzene	ND	250	70.	U
74-87-3	Chloromethane	ND	250	70.	U
74-83-9	Bromomethane	ND	250	70.	U
75-01-4	Vinyl chloride	2700	100	7.1	
75-00-3	Chloroethane	ND	250	70.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-06D
 Client ID : MW-6D
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A15
 Sample Amount : 0.1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 14:10
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 10:48
 Dilution Factor : 100
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-35-4	1,1-Dichloroethene	22	50	17.	J
156-60-5	trans-1,2-Dichloroethene	ND	250	70.	U
79-01-6	Trichloroethene	ND	50	18.	U
95-50-1	1,2-Dichlorobenzene	ND	250	70.	U
541-73-1	1,3-Dichlorobenzene	ND	250	70.	U
106-46-7	1,4-Dichlorobenzene	ND	250	70.	U
1634-04-4	Methyl tert butyl ether	ND	250	70.	U
179601-23-1	p/m-Xylene	ND	250	70.	U
95-47-6	o-Xylene	ND	250	70.	U
1330-20-7	Xylenes, Total	ND	250	70.	U
156-59-2	cis-1,2-Dichloroethene	8800	250	70.	
540-59-0	1,2-Dichloroethene, Total	8800	250	70.	
100-42-5	Styrene	ND	250	70.	U
75-71-8	Dichlorodifluoromethane	ND	500	100	U
67-64-1	Acetone	210	500	150	J
75-15-0	Carbon disulfide	ND	500	100	U
78-93-3	2-Butanone	ND	500	190	U
108-10-1	4-Methyl-2-pentanone	ND	500	100	U
591-78-6	2-Hexanone	ND	500	100	U
74-97-5	Bromochloromethane	ND	250	70.	U
106-93-4	1,2-Dibromoethane	ND	200	65.	U
104-51-8	n-Butylbenzene	ND	250	70.	U
135-98-8	sec-Butylbenzene	ND	250	70.	U
98-06-6	tert-Butylbenzene	ND	250	70.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	70.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering	Lab Number : L2353445
Project Name : TROY BELTING	Project Number : 2011-31
Lab ID : L2353445-06D	Date Collected : 09/13/23 14:10
Client ID : MW-6D	Date Received : 09/13/23
Sample Location : COLONIE, NY	Date Analyzed : 09/15/23 10:48
Sample Matrix : WATER	Dilution Factor : 100
Analytical Method : 1,8260D	Analyst : LAC
Lab File ID : V30230915A15	Instrument ID : VOA130
Sample Amount : 0.1 ml	GC Column : RTX-502.2
Level : LOW	%Solids : N/A
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
98-82-8	Isopropylbenzene	ND	250	70.	U
99-87-6	p-Isopropyltoluene	ND	250	70.	U
91-20-3	Naphthalene	ND	250	70.	U
103-65-1	n-Propylbenzene	ND	250	70.	U
87-61-6	1,2,3-Trichlorobenzene	ND	250	70.	U
120-82-1	1,2,4-Trichlorobenzene	ND	250	70.	U
108-67-8	1,3,5-Trimethylbenzene	ND	250	70.	U
95-63-6	1,2,4-Trimethylbenzene	ND	250	70.	U
79-20-9	Methyl Acetate	ND	200	23.	U
110-82-7	Cyclohexane	ND	1000	27.	U
123-91-1	1,4-Dioxane	ND	25000	6100	U
76-13-1	Freon-113	ND	250	70.	U
108-87-2	Methyl cyclohexane	ND	1000	40.	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-07D
 Client ID : MW-4S
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230916A25
 Sample Amount : 0.2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 15:00
 Date Received : 09/13/23
 Date Analyzed : 09/16/23 21:44
 Dilution Factor : 50
 Analyst : MKS
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	120	35.	U
75-34-3	1,1-Dichloroethane	56	120	35.	J
67-66-3	Chloroform	ND	120	35.	U
56-23-5	Carbon tetrachloride	ND	25	6.7	U
78-87-5	1,2-Dichloropropane	ND	50	6.8	U
124-48-1	Dibromochloromethane	ND	25	7.4	U
79-00-5	1,1,2-Trichloroethane	ND	75	25.	U
127-18-4	Tetrachloroethene	ND	25	9.0	U
108-90-7	Chlorobenzene	ND	120	35.	U
75-69-4	Trichlorofluoromethane	ND	120	35.	U
107-06-2	1,2-Dichloroethane	ND	25	6.6	U
71-55-6	1,1,1-Trichloroethane	ND	120	35.	U
75-27-4	Bromodichloromethane	ND	25	9.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	25	8.2	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.2	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.2	U
75-25-2	Bromoform	ND	100	32.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.4	U
71-43-2	Benzene	ND	25	8.0	U
108-88-3	Toluene	ND	120	35.	U
100-41-4	Ethylbenzene	ND	120	35.	U
74-87-3	Chloromethane	ND	120	35.	U
74-83-9	Bromomethane	ND	120	35.	U
75-01-4	Vinyl chloride	570	50	3.6	
75-00-3	Chloroethane	ND	120	35.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-07D
 Client ID : MW-4S
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230916A25
 Sample Amount : 0.2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 15:00
 Date Received : 09/13/23
 Date Analyzed : 09/16/23 21:44
 Dilution Factor : 50
 Analyst : MKS
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-35-4	1,1-Dichloroethene	12	25	8.4	J
156-60-5	trans-1,2-Dichloroethene	ND	120	35.	U
79-01-6	Trichloroethene	ND	25	8.8	U
95-50-1	1,2-Dichlorobenzene	ND	120	35.	U
541-73-1	1,3-Dichlorobenzene	ND	120	35.	U
106-46-7	1,4-Dichlorobenzene	ND	120	35.	U
1634-04-4	Methyl tert butyl ether	ND	120	35.	U
179601-23-1	p/m-Xylene	ND	120	35.	U
95-47-6	o-Xylene	ND	120	35.	U
1330-20-7	Xylenes, Total	ND	120	35.	U
156-59-2	cis-1,2-Dichloroethene	5900	120	35.	
540-59-0	1,2-Dichloroethene, Total	5900	120	35.	
100-42-5	Styrene	ND	120	35.	U
75-71-8	Dichlorodifluoromethane	ND	250	50.	U
67-64-1	Acetone	ND	250	73.	U
75-15-0	Carbon disulfide	ND	250	50.	U
78-93-3	2-Butanone	ND	250	97.	U
108-10-1	4-Methyl-2-pentanone	ND	250	50.	U
591-78-6	2-Hexanone	ND	250	50.	U
74-97-5	Bromochloromethane	ND	120	35.	U
106-93-4	1,2-Dibromoethane	ND	100	32.	U
104-51-8	n-Butylbenzene	ND	120	35.	U
135-98-8	sec-Butylbenzene	ND	120	35.	U
98-06-6	tert-Butylbenzene	ND	120	35.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	120	35.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-07D
 Client ID : MW-4S
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230916A25
 Sample Amount : 0.2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 15:00
 Date Received : 09/13/23
 Date Analyzed : 09/16/23 21:44
 Dilution Factor : 50
 Analyst : MKS
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
98-82-8	Isopropylbenzene	ND	120	35.	U
99-87-6	p-Isopropyltoluene	ND	120	35.	U
91-20-3	Naphthalene	ND	120	35.	U
103-65-1	n-Propylbenzene	ND	120	35.	U
87-61-6	1,2,3-Trichlorobenzene	ND	120	35.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	35.	U
108-67-8	1,3,5-Trimethylbenzene	ND	120	35.	U
95-63-6	1,2,4-Trimethylbenzene	ND	120	35.	U
79-20-9	Methyl Acetate	ND	100	12.	U
110-82-7	Cyclohexane	ND	500	14.	U
123-91-1	1,4-Dioxane	ND	12000	3000	U
76-13-1	Freon-113	ND	120	35.	U
108-87-2	Methyl cyclohexane	ND	500	20.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-08
 Client ID : DUP09132023
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 00:00
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 09:42
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	17	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-08
 Client ID : DUP09132023
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 00:00
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 09:42
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	4.9	2.5	0.70	
540-59-0	1,2-Dichloroethene, Total	4.9	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Lab ID	: L2353445-08	Date Collected	: 09/13/23 00:00
Client ID	: DUP09132023	Date Received	: 09/13/23
Sample Location	: COLONIE, NY	Date Analyzed	: 09/15/23 09:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V30230915A12	Instrument ID	: VOA130
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-09
 Client ID : TB09132023
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A07
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 00:00
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 07:52
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : L2353445-09
 Client ID : TB09132023
 Sample Location : COLONIE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A07
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : 09/13/23 00:00
 Date Received : 09/13/23
 Date Analyzed : 09/15/23 07:52
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Lab ID	: L2353445-09	Date Collected	: 09/13/23 00:00
Client ID	: TB09132023	Date Received	: 09/13/23
Sample Location	: COLONIE, NY	Date Analyzed	: 09/15/23 07:52
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V30230915A07	Instrument ID	: VOA130
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : WG1828105-5
 Client ID : WG1828105-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 09/15/23 07:08
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : WG1828105-5
 Client ID : WG1828105-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 09/15/23 07:08
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : WG1828105-5
 Client ID : WG1828105-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230915A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 09/15/23 07:08
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : WG1828105-12
 Client ID : WG1828105-12BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230916A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 09/16/23 14:26
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Lab ID : WG1828105-12
 Client ID : WG1828105-12BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30230916A05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2353445
 Project Number : 2011-31
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 09/16/23 14:26
 Dilution Factor : 1
 Analyst : LAC
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Lab ID	: WG1828105-12	Date Collected	: NA
Client ID	: WG1828105-12BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/16/23 14:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V30230916A05	Instrument ID	: VOA130
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A07.D
 Acq On : 15 Sep 2023 07:52 am
 Operator : VOA130:LAC
 Sample : L2353445-09,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 16:38:56 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	175684	10.000	ug/L	# 0.00
Standard Area 1 = 196480			Recovery =	89.42%		
63) Chlorobenzene-d5	9.686	117	161698	10.000	ug/L	# 0.00
Standard Area 1 = 172891			Recovery =	93.53%		
84) 1,4-Dichlorobenzene-d4	12.365	152	91498	10.000	ug/L	0.00
Standard Area 1 = 103140			Recovery =	88.71%		
System Monitoring Compounds						
39) Dibromofluoromethane	5.318	113	54858	9.954	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.54%		
47) 1,2-Dichloroethane-d4	5.843	65	52833	9.558	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.58%		
64) Toluene-d8	7.840	98	205169	10.211	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.11%		
88) 4-Bromofluorobenzene	11.164	95	70946	10.375	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.75%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.277	94	201	N.D.		
6) Chloroethane	2.346	64	51	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.069	76	988	0.123	ug/L	# 73
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.641	43	445	Below Cal		# 50
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
33) Bromochloromethane	0.000		0	N.D.		
35) Chloroform	0.000		0	N.D.		
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	0.000		0	N.D.		
42) 2-Butanone	0.000		0	N.D.		
45) Benzene	5.717	78	49	N.D.		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A07.D
 Acq On : 15 Sep 2023 07:52 am
 Operator : VOA130:LAC
 Sample : L2353445-09,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 16:38:56 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,2-Dichloroethane	0.000		0		N.D.	
52) Trichloroethene	0.000		0		N.D.	
55) 1,2-Dichloropropane	0.000		0		N.D.	
58) Bromodichloromethane	0.000		0		N.D.	
61) 1,4-Dioxane	0.000		0		N.D.	
62) cis-1,3-Dichloropropene	0.000		0		N.D.	
65) Toluene	0.000		0		N.D.	
66) 4-Methyl-2-pentanone	0.000		0		N.D.	
67) Tetrachloroethene	0.000		0		N.D.	
69) trans-1,3-Dichloropropene	0.000		0		N.D.	
72) 1,1,2-Trichloroethane	0.000		0		N.D.	
73) Chlorodibromomethane	0.000		0		N.D.	
75) 1,2-Dibromoethane	0.000		0		N.D.	
77) 2-Hexanone	0.000		0		N.D.	
78) Chlorobenzene	0.000		0		N.D.	
79) Ethylbenzene	9.749	91	106		N.D.	
81) p/m Xylene	0.000		0		N.D.	
82) o Xylene	0.000		0		N.D.	
83) Styrene	10.541	104	52		N.D.	
85) Bromoform	0.000		0		N.D.	
87) Isopropylbenzene	0.000		0		N.D.	
90) n-Propylbenzene	11.332	91	177		N.D.	
92) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
95) 1,3,5-Trimethylbenzene	11.458	105	51		N.D.	
99) tert-Butylbenzene	0.000		0		N.D.	
102) 1,2,4-Trimethylbenzene	11.972	105	52		N.D.	
103) sec-Butylbenzene	11.972	105	52		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	12.381	146	61		N.D.	
106) 1,4-Dichlorobenzene	12.381	146	61		N.D.	
108) n-Butylbenzene	12.664	91	114		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	
116) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A07.D
 Acq On : 15 Sep 2023 07:52 am
 Operator : VOA130:LAC
 Sample : L2353445-09,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 16:38:56 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

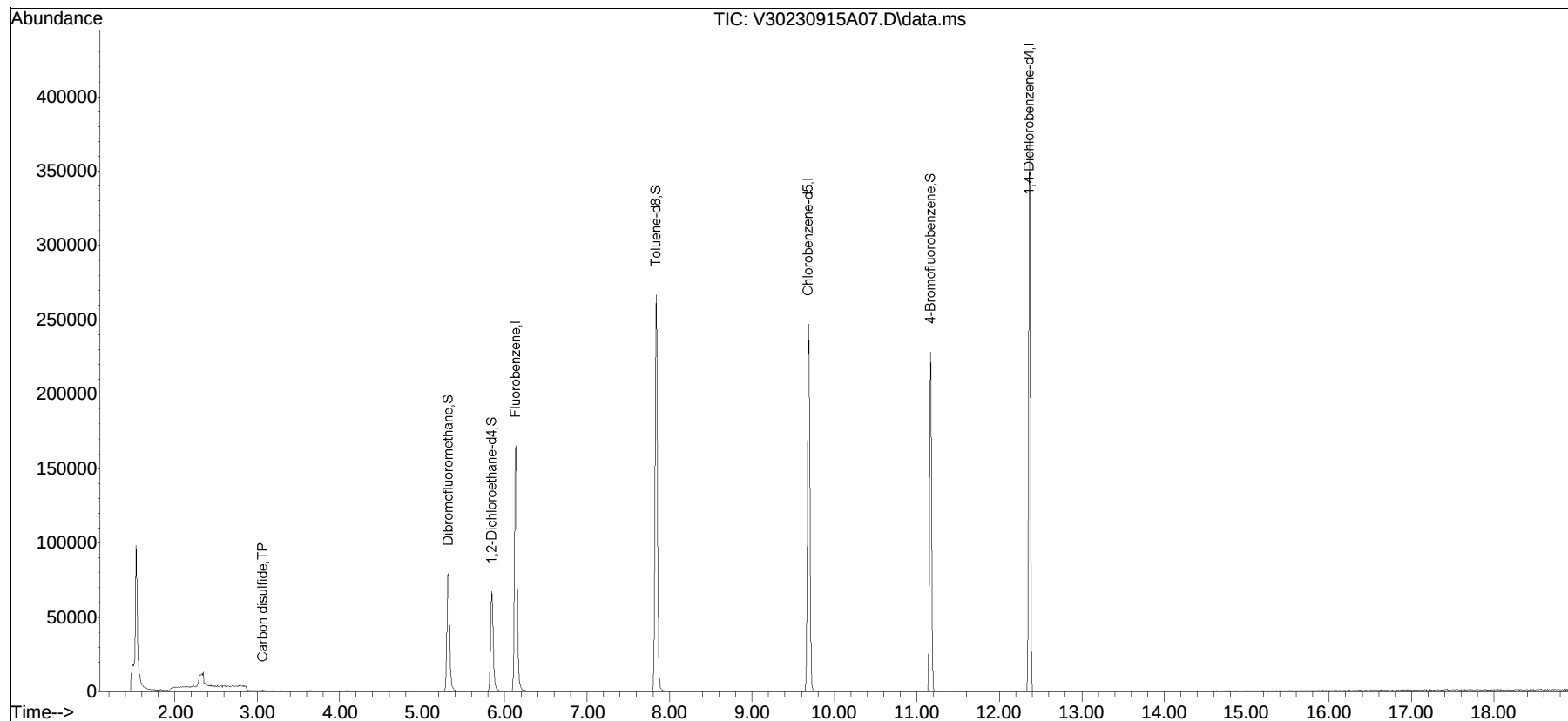
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

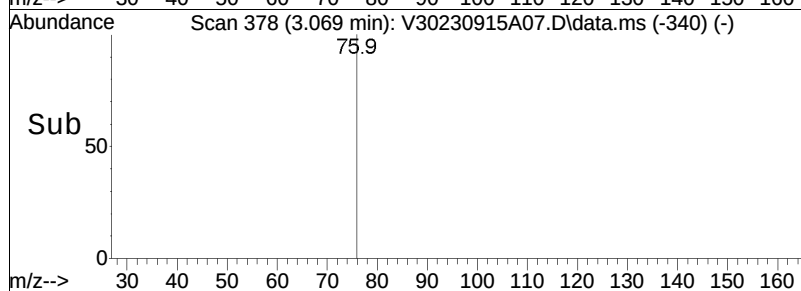
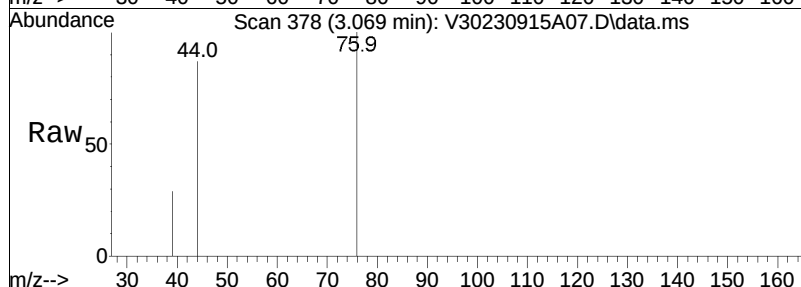
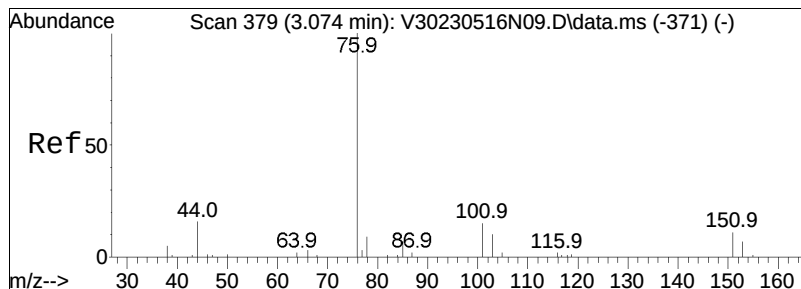
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A07.D
 Acq On : 15 Sep 2023 07:52 am
 Operator : VOA130:LAC
 Sample : L2353445-09,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 16:38:56 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

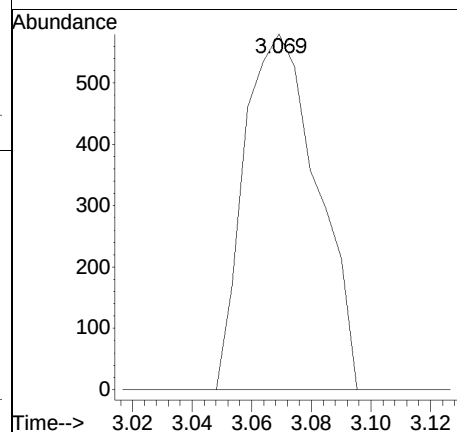
Sub List : 8260-NYTCL - Megamix plus Diox230915A01.D•





#11
Carbon disulfide
Concen: 0.12 ug/L
RT: 3.069 min Scan# 378
Delta R.T. 0.000 min
Lab File: V30230915A07.D
Acq: 15 Sep 2023 07:52 am

Tgt Ion: 76 Resp: 988
Ion Ratio Lower Upper
76 100
78 0.0 6.4 13.4#



Manual Integration Report

Data Path : K:\V0A130\2023\230915A\ QMethod : V130_230913A_8260D.m
Data File : V30230915A07.D Operator : V0A130:LAC
Date Inj'd : 9/15/2023 7:52 am Instrument : V0A130
Sample : L2353445-09,31,10,10,,A,R3Quant Date : 9/15/2023 4:38 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A09.D
 Acq On : 15 Sep 2023 08:36 am
 Operator : VOA130:LAC
 Sample : L2353445-01,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 15 16:44:44 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	168482	10.000	ug/L	# 0.00
Standard Area 1 = 196480			Recovery =	85.75%		
63) Chlorobenzene-d5	9.686	117	158655	10.000	ug/L	# 0.00
Standard Area 1 = 172891			Recovery =	91.77%		
84) 1,4-Dichlorobenzene-d4	12.365	152	89670	10.000	ug/L	0.00
Standard Area 1 = 103140			Recovery =	86.94%		
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	53525	10.127	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.27%		
47) 1,2-Dichloroethane-d4	5.843	65	53862	10.161	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.61%		
64) Toluene-d8	7.840	98	201102	10.200	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.00%		
88) 4-Bromofluorobenzene	11.164	95	67869	10.128	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.28%		
Target Compounds						
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.288	94	243	N.D.		
6) Chloroethane	2.309	64	49	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.064	76	1282	0.166	ug/L	# 73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.635	43	121	Below Cal		# 50
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
33) Bromochloromethane	0.000		0	N.D.		
34) Cyclohexane	0.000		0	N.D.		
35) Chloroform	0.000		0	N.D.		
37) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A09.D
 Acq On : 15 Sep 2023 08:36 am
 Operator : VOA130:LAC
 Sample : L2353445-01,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 15 16:44:44 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,1,1-Trichloroethane	0.000		0		N.D.	
42) 2-Butanone	0.000		0		N.D.	
45) Benzene	5.712	78	553		N.D.	
48) 1,2-Dichloroethane	0.000		0		N.D.	
51) Methylcyclohexane	0.000		0		N.D.	
52) Trichloroethene	0.000		0		N.D.	
55) 1,2-Dichloropropane	0.000		0		N.D.	
58) Bromodichloromethane	0.000		0		N.D.	
61) 1,4-Dioxane	0.000		0		N.D.	
62) cis-1,3-Dichloropropene	0.000		0		N.D.	
65) Toluene	7.898	92	294		N.D.	
66) 4-Methyl-2-pentanone	0.000		0		N.D.	
67) Tetrachloroethene	0.000		0		N.D.	
69) trans-1,3-Dichloropropene	0.000		0		N.D.	
72) 1,1,2-Trichloroethane	0.000		0		N.D.	
73) Chlorodibromomethane	0.000		0		N.D.	
75) 1,2-Dibromoethane	0.000		0		N.D.	
77) 2-Hexanone	0.000		0		N.D.	
78) Chlorobenzene	0.000		0		N.D.	
79) Ethylbenzene	9.686	91	160		N.D.	
81) p/m Xylene	0.000		0		N.D.	
82) o Xylene	0.000		0		N.D.	
83) Styrene	10.540	104	52		N.D.	
85) Bromoform	0.000		0		N.D.	
87) Isopropylbenzene	0.000		0		N.D.	
90) n-Propylbenzene	11.322	91	49		N.D.	
92) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
95) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
99) tert-Butylbenzene	0.000		0		N.D.	
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	12.376	146	50		N.D.	
106) 1,4-Dichlorobenzene	12.376	146	50		N.D.	
108) n-Butylbenzene	12.659	91	51		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A09.D
 Acq On : 15 Sep 2023 08:36 am
 Operator : VOA130:LAC
 Sample : L2353445-01,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 15 16:44:44 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

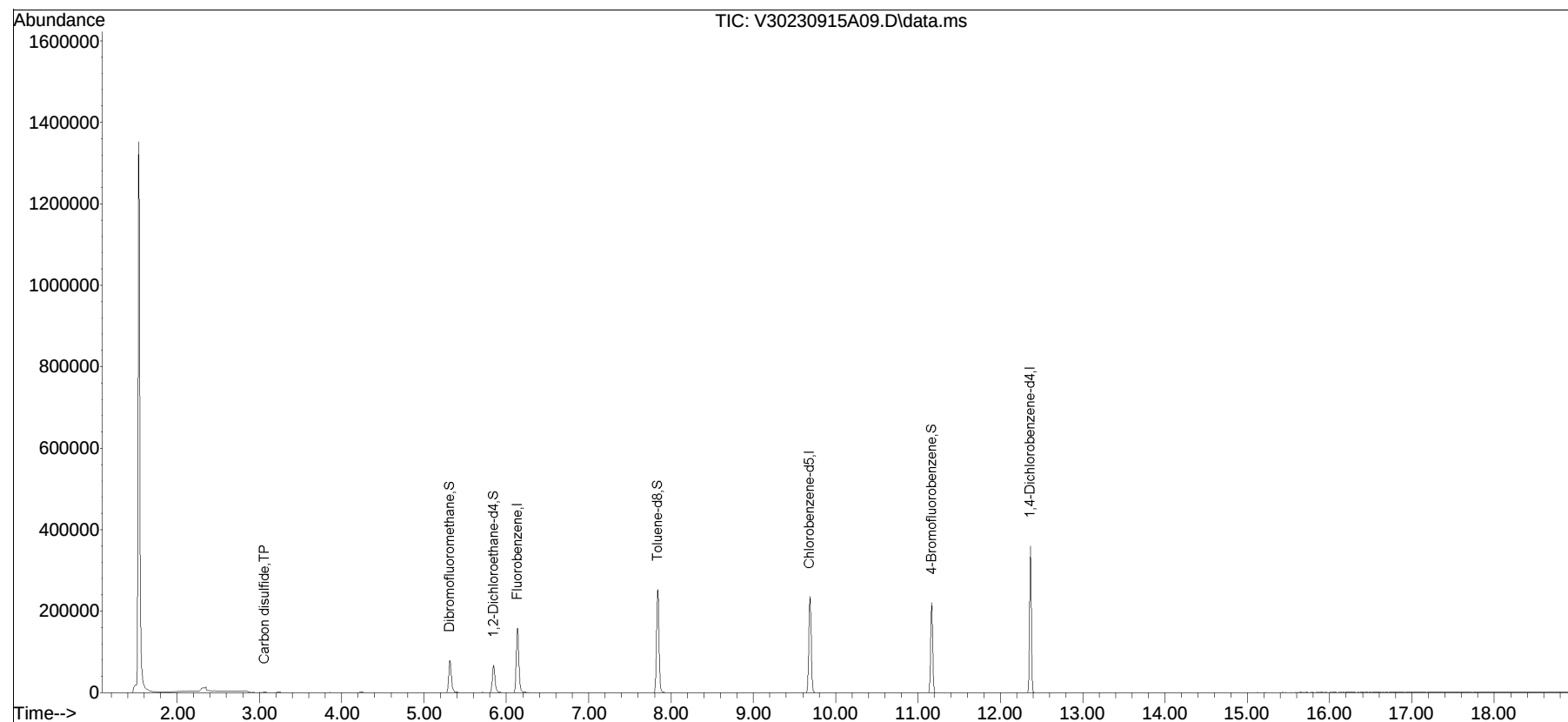
(#) = qualifier out of range (m) = manual integration (+) = signals summed

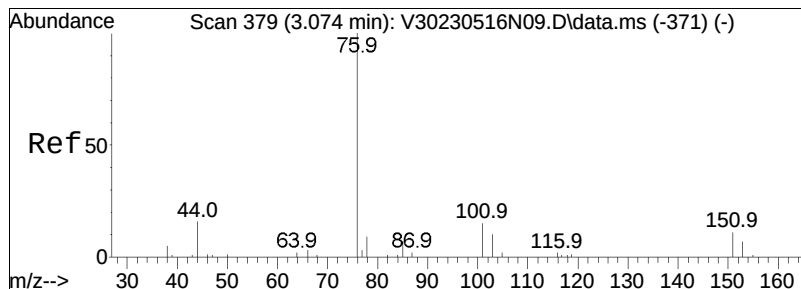
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A09.D
 Acq On : 15 Sep 2023 08:36 am
 Operator : VOA130:LAC
 Sample : L2353445-01,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 15 16:44:44 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

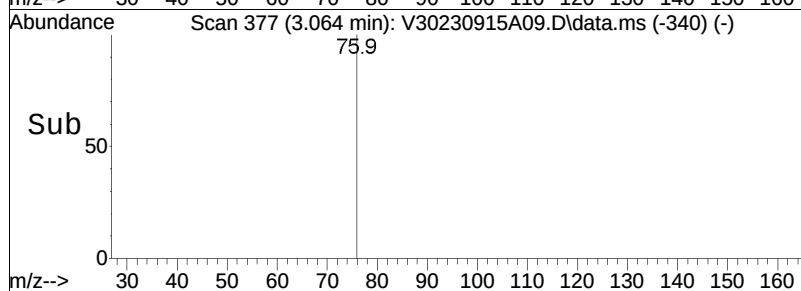
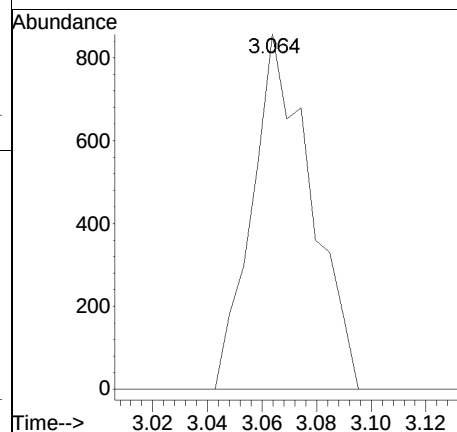
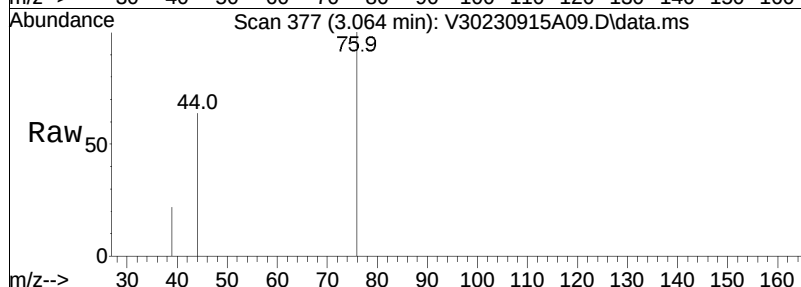
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0915A01.D•





#11
 Carbon disulfide
 Concen: 0.17 ug/L
 RT: 3.064 min Scan# 377
 Delta R.T. -0.005 min
 Lab File: V30230915A09.D
 Acq: 15 Sep 2023 08:36 am

Tgt Ion: 76 Resp: 1282
 Ion Ratio Lower Upper
 76 100
 78 0.0 6.4 13.4#



Manual Integration Report

Data Path : K:\V0A130\2023\230915A\ QMethod : V130_230913A_8260D.m
Data File : V30230915A09.D Operator : V0A130:LAC
Date Inj'd : 9/15/2023 8:36 am Instrument : V0A130
Sample : L2353445-01,31,10,10,,A,R3Quant Date : 9/15/2023 4:39 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A10.D
 Acq On : 15 Sep 2023 08:58 am
 Operator : VOA130:LAC
 Sample : L2353445-02,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 15 16:47:26 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	163334	10.000	ug/L	# 0.00
Standard Area 1 = 196480			Recovery	=	83.13%	
63) Chlorobenzene-d5	9.691	117	152817	10.000	ug/L	# 0.00
Standard Area 1 = 172891			Recovery	=	88.39%	
84) 1,4-Dichlorobenzene-d4	12.365	152	85487	10.000	ug/L	0.00
Standard Area 1 = 103140			Recovery	=	82.88%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	51655	10.081	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.81%	
47) 1,2-Dichloroethane-d4	5.843	65	51088	9.942	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.42%	
64) Toluene-d8	7.840	98	193870	10.209	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.09%	
88) 4-Bromofluorobenzene	11.164	95	65521	10.256	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.56%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	1.957	62	436	0.109	ug/L #	64
5) Bromomethane	2.277	94	125	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.069	76	1191	0.159	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.640	43	317	Below Cal	#	50
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	4.873	96	6659	1.940	ug/L #	72
33) Bromochloromethane	0.000		0	N.D.		
34) Cyclohexane	0.000		0	N.D.		
35) Chloroform	0.000		0	N.D.		
37) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A10.D
 Acq On : 15 Sep 2023 08:58 am
 Operator : VOA130:LAC
 Sample : L2353445-02,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 15 16:47:26 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,1,1-Trichloroethane	0.000		0		N.D.	
42) 2-Butanone	0.000		0		N.D.	
45) Benzene	5.717	78	151		N.D.	
48) 1,2-Dichloroethane	0.000		0		N.D.	
51) Methylcyclohexane	0.000		0		N.D.	
52) Trichloroethene	6.314	95	55		N.D.	
55) 1,2-Dichloropropane	0.000		0		N.D.	
58) Bromodichloromethane	0.000		0		N.D.	
61) 1,4-Dioxane	0.000		0		N.D.	
62) cis-1,3-Dichloropropene	0.000		0		N.D.	
65) Toluene	0.000		0		N.D.	
66) 4-Methyl-2-pentanone	0.000		0		N.D.	
67) Tetrachloroethene	0.000		0		N.D.	
69) trans-1,3-Dichloropropene	0.000		0		N.D.	
72) 1,1,2-Trichloroethane	0.000		0		N.D.	
73) Chlorodibromomethane	0.000		0		N.D.	
75) 1,2-Dibromoethane	0.000		0		N.D.	
77) 2-Hexanone	0.000		0		N.D.	
78) Chlorobenzene	0.000		0		N.D.	
79) Ethylbenzene	9.691	91	155		N.D.	
81) p/m Xylene	0.000		0		N.D.	
82) o Xylene	0.000		0		N.D.	
83) Styrene	0.000		0		N.D.	
85) Bromoform	0.000		0		N.D.	
87) Isopropylbenzene	0.000		0		N.D.	
90) n-Propylbenzene	11.322	91	50		N.D.	
92) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
95) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
99) tert-Butylbenzene	0.000		0		N.D.	
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	0.000		0		N.D.	
106) 1,4-Dichlorobenzene	0.000		0		N.D.	
108) n-Butylbenzene	0.000		0		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A10.D
 Acq On : 15 Sep 2023 08:58 am
 Operator : VOA130:LAC
 Sample : L2353445-02,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 15 16:47:26 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

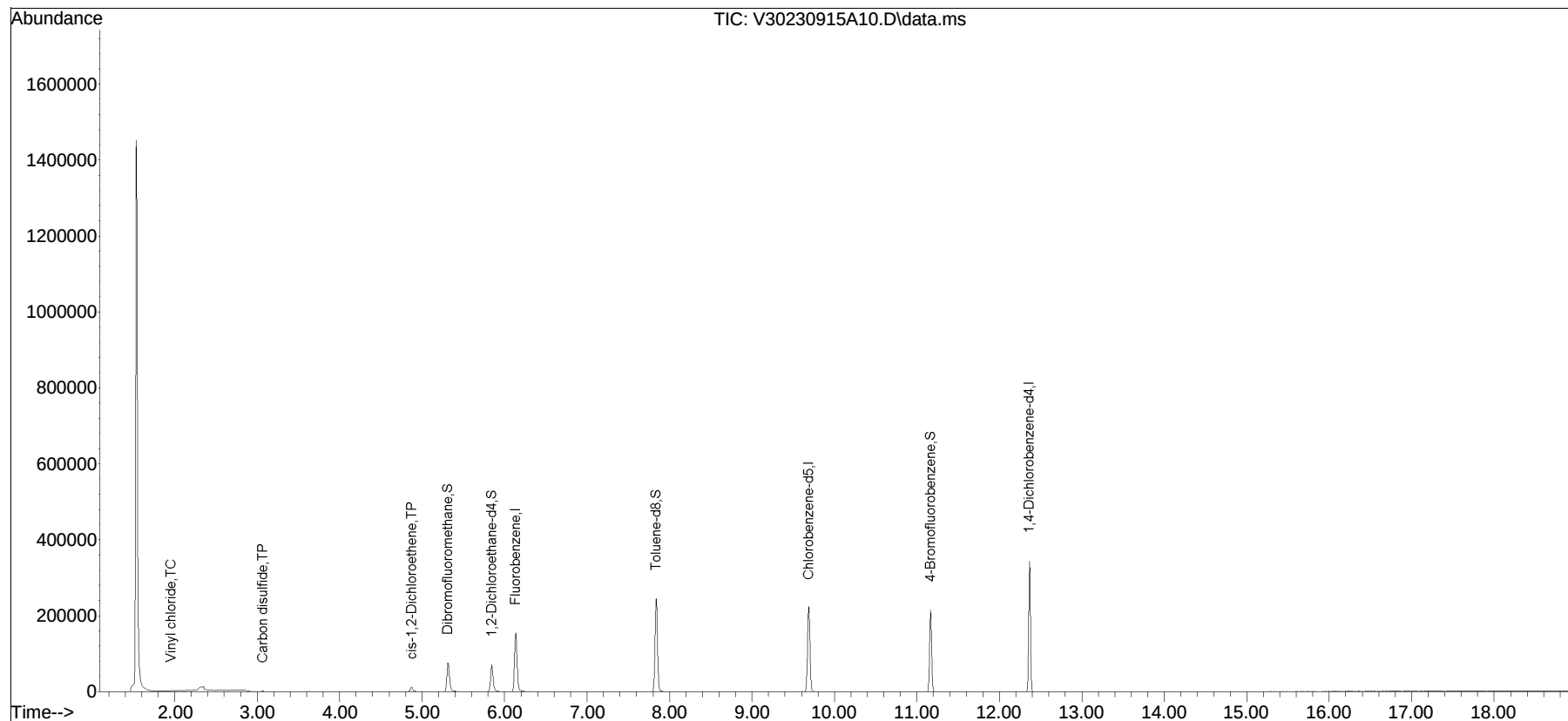
(#) = qualifier out of range (m) = manual integration (+) = signals summed

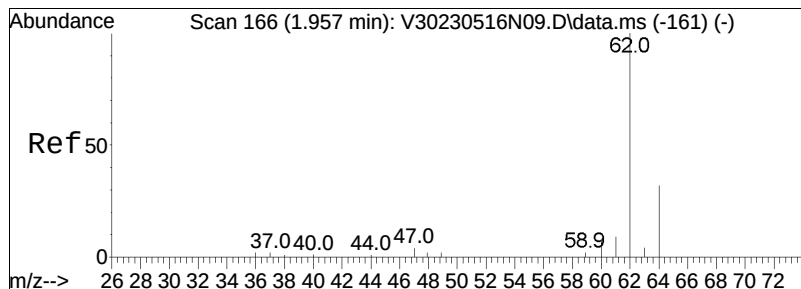
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A10.D
 Acq On : 15 Sep 2023 08:58 am
 Operator : VOA130:LAC
 Sample : L2353445-02,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 15 16:47:26 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

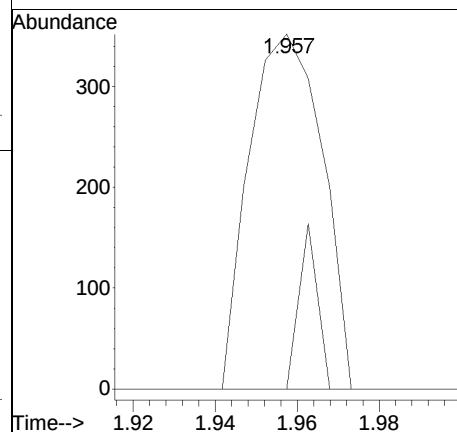
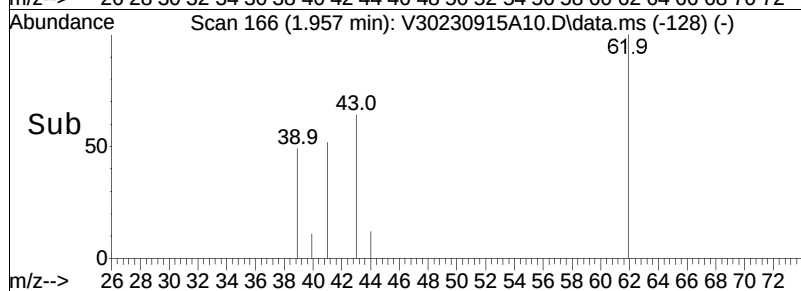
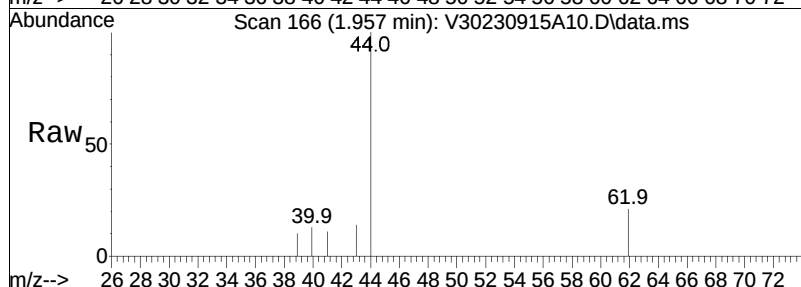
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0915A01.D•

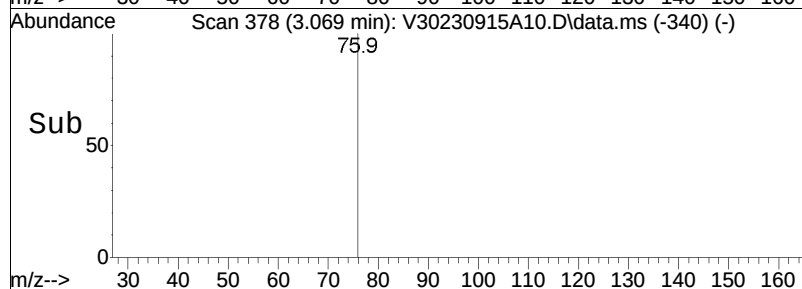
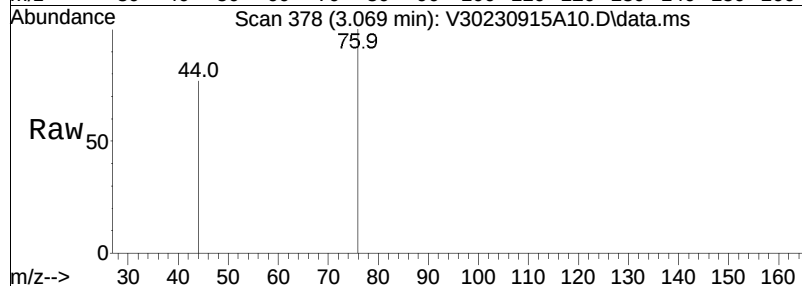
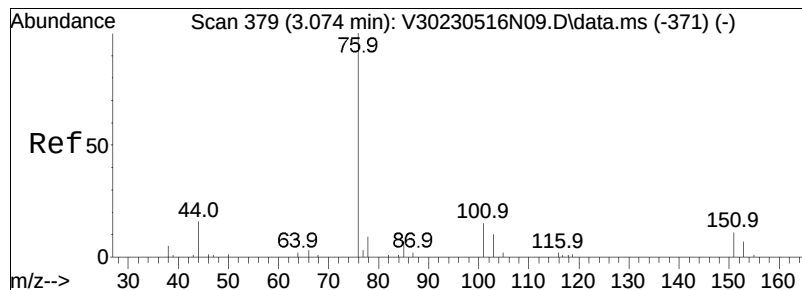




#4
 Vinyl chloride
 Concen: 0.11 ug/L
 RT: 1.957 min Scan# 166
 Delta R.T. 0.000 min
 Lab File: V30230915A10.D
 Acq: 15 Sep 2023 08:58 am

Tgt Ion: 62 Resp: 436
 Ion Ratio Lower Upper
 62 100
 64 11.9 25.7 38.5#





#11

Carbon disulfide

Concen: 0.16 ug/L

RT: 3.069 min Scan# 378

Delta R.T. -0.000 min

Lab File: V30230915A10.D

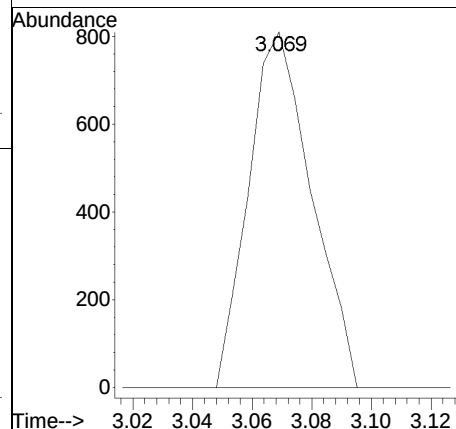
Acq: 15 Sep 2023 08:58 am

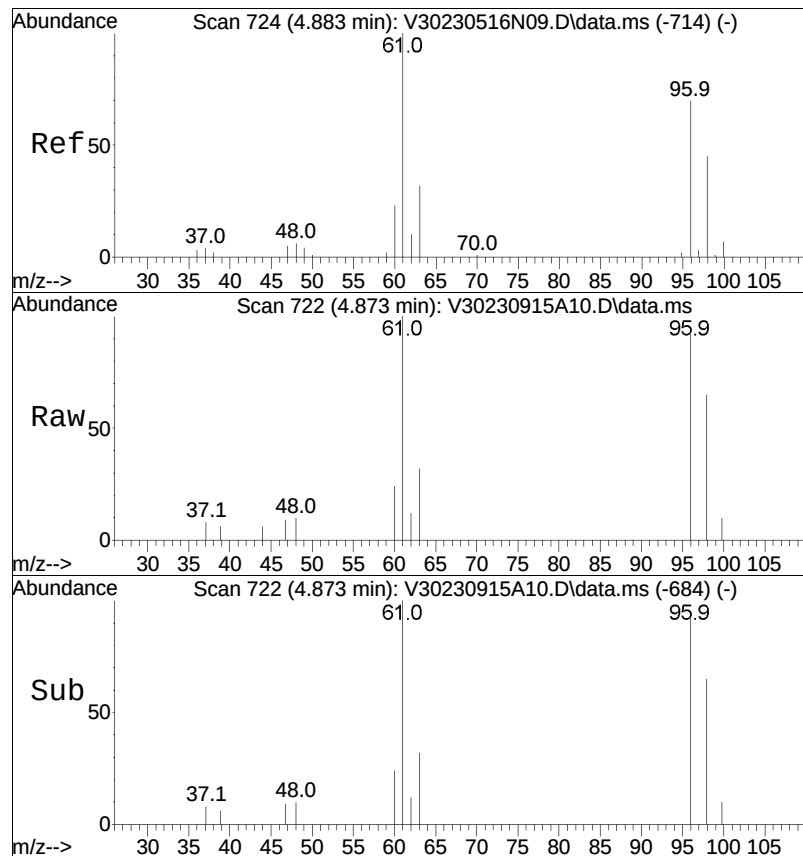
Tgt Ion: 76 Resp: 1191

Ion Ratio Lower Upper

76 100

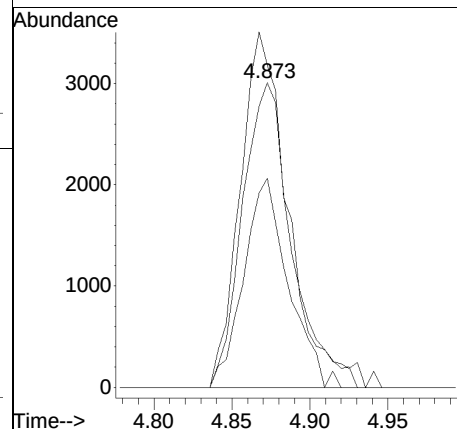
78 0.0 6.4 13.4#





#30
 cis-1,2-Dichloroethene
 Concen: 1.94 ug/L
 RT: 4.873 min Scan# 722
 Delta R.T. -0.000 min
 Lab File: V30230915A10.D
 Acq: 15 Sep 2023 08:58 am

Tgt	Ion	Ratio	Lower	Upper
96	100			
61	112.1	129.3	193.9#	
98	61.7	51.4	77.2	



Manual Integration Report

Data Path : K:\V0A130\2023\230915A\ QMethod : V130_230913A_8260D.m
Data File : V30230915A10.D Operator : V0A130:LAC
Date Inj'd : 9/15/2023 8:58 am Instrument : V0A130
Sample : L2353445-02,31,10,10,,A,R3Quant Date : 9/15/2023 4:39 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A11.D
 Acq On : 15 Sep 2023 09:20 am
 Operator : VOA130:LAC
 Sample : L2353445-03,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 15 16:49:40 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	158008	10.000	ug/L	# 0.00
Standard Area 1 = 196480			Recovery	=	80.42%	
63) Chlorobenzene-d5	9.691	117	149246	10.000	ug/L	# 0.00
Standard Area 1 = 172891			Recovery	=	86.32%	
84) 1,4-Dichlorobenzene-d4	12.365	152	84697	10.000	ug/L	0.00
Standard Area 1 = 103140			Recovery	=	82.12%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	49829	10.053	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.53%	
47) 1,2-Dichloroethane-d4	5.848	65	49330	9.923	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.23%	
64) Toluene-d8	7.840	98	189817	10.235	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.35%	
88) 4-Bromofluorobenzene	11.164	95	64808	10.239	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.39%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	1.952	62	66954	17.311	ug/L	99
5) Bromomethane	2.277	94	66	N.D.		
6) Chloroethane	0.000		0	N.D. d		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.069	76	1025	0.142	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.646	43	372	Below Cal	#	50
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	4.343	63	2011	0.398	ug/L	97
30) cis-1,2-Dichloroethene	4.867	96	17306	5.211	ug/L #	73
33) Bromochloromethane	0.000		0	N.D.		
34) Cyclohexane	0.000		0	N.D.		
35) Chloroform	0.000		0	N.D.		
37) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A11.D
 Acq On : 15 Sep 2023 09:20 am
 Operator : VOA130:LAC
 Sample : L2353445-03,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 15 16:49:40 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,1,1-Trichloroethane	0.000		0		N.D.	
42) 2-Butanone	0.000		0		N.D.	
45) Benzene	5.717	78	52		N.D.	
48) 1,2-Dichloroethane	0.000		0		N.D.	
51) Methylcyclohexane	0.000		0		N.D.	
52) Trichloroethene	0.000		0		N.D.	
55) 1,2-Dichloropropane	0.000		0		N.D.	
58) Bromodichloromethane	0.000		0		N.D.	
61) 1,4-Dioxane	0.000		0		N.D.	
62) cis-1,3-Dichloropropene	0.000		0		N.D.	
65) Toluene	0.000		0		N.D.	
66) 4-Methyl-2-pentanone	0.000		0		N.D.	
67) Tetrachloroethene	0.000		0		N.D.	
69) trans-1,3-Dichloropropene	0.000		0		N.D.	
72) 1,1,2-Trichloroethane	0.000		0		N.D.	
73) Chlorodibromomethane	0.000		0		N.D.	
75) 1,2-Dibromoethane	0.000		0		N.D.	
77) 2-Hexanone	0.000		0		N.D.	
78) Chlorobenzene	0.000		0		N.D.	
79) Ethylbenzene	9.691	91	190		N.D.	
81) p/m Xylene	0.000		0		N.D.	
82) o Xylene	0.000		0		N.D.	
83) Styrene	0.000		0		N.D.	
85) Bromoform	0.000		0		N.D.	
87) Isopropylbenzene	0.000		0		N.D.	
90) n-Propylbenzene	11.164	91	386		N.D.	
92) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
95) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
99) tert-Butylbenzene	0.000		0		N.D.	
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	0.000		0		N.D.	
106) 1,4-Dichlorobenzene	0.000		0		N.D.	
108) n-Butylbenzene	0.000		0		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A11.D
 Acq On : 15 Sep 2023 09:20 am
 Operator : VOA130:LAC
 Sample : L2353445-03,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 15 16:49:40 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

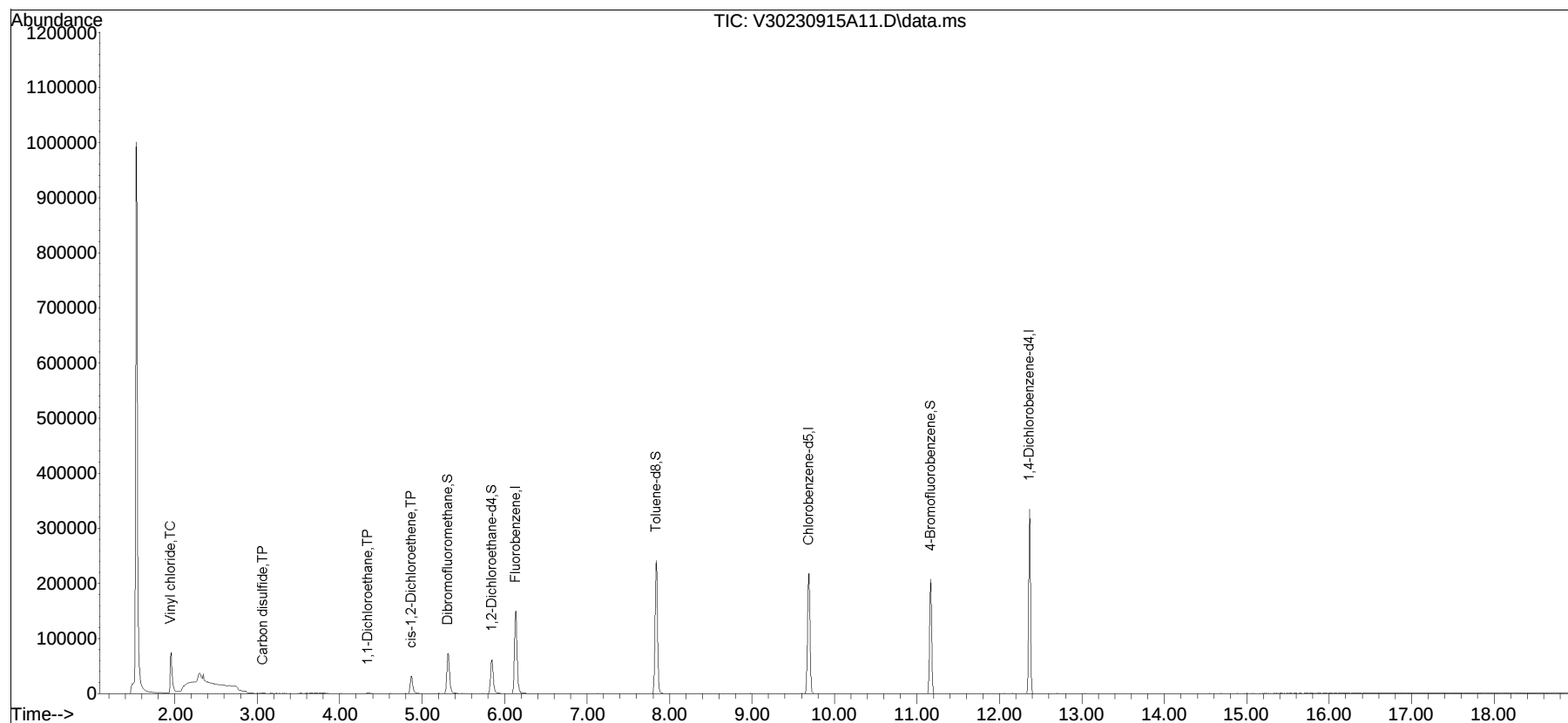
(#) = qualifier out of range (m) = manual integration (+) = signals summed

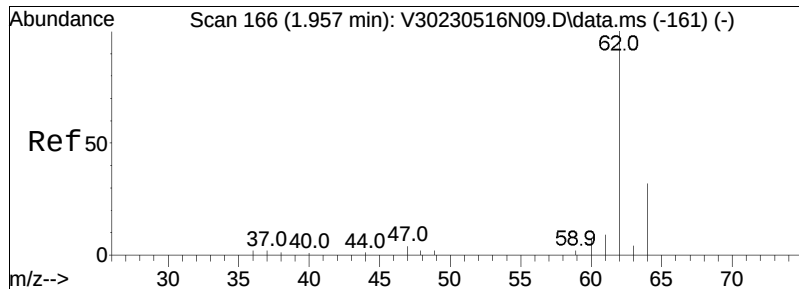
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A11.D
 Acq On : 15 Sep 2023 09:20 am
 Operator : VOA130:LAC
 Sample : L2353445-03,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 15 16:49:40 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0915A01.D•





#4

Vinyl chloride

Concen: 17.31 ug/L

RT: 1.952 min Scan# 165

Delta R.T. -0.005 min

Lab File: V30230915A11.D

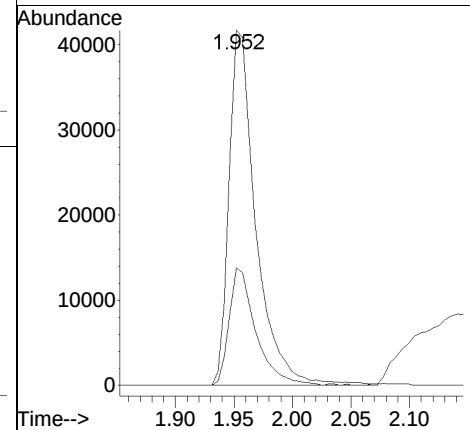
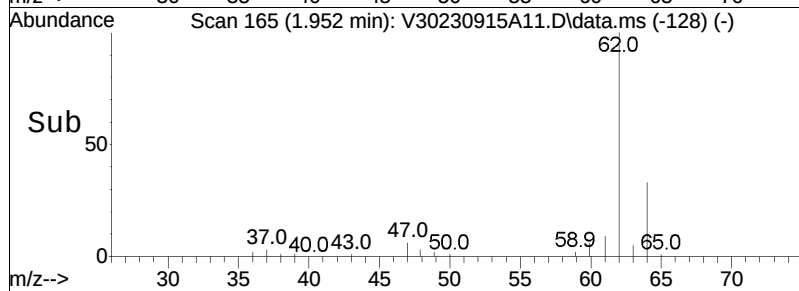
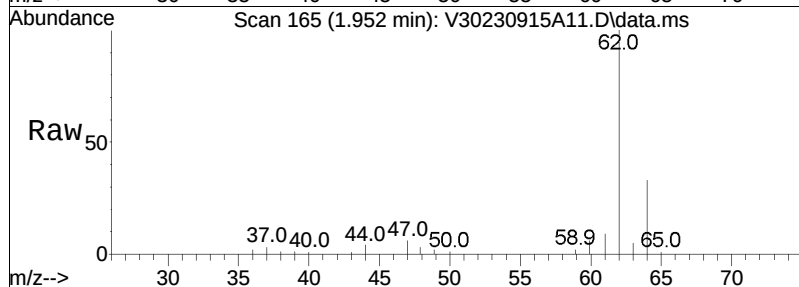
Acq: 15 Sep 2023 09:20 am

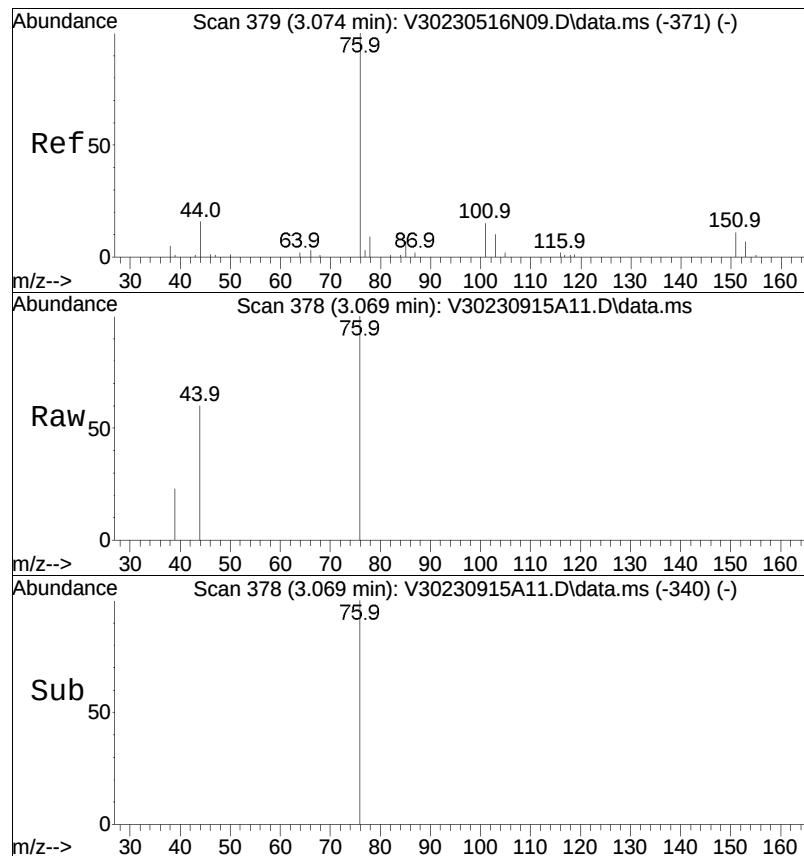
Tgt Ion: 62 Resp: 66954

Ion Ratio Lower Upper

62 100

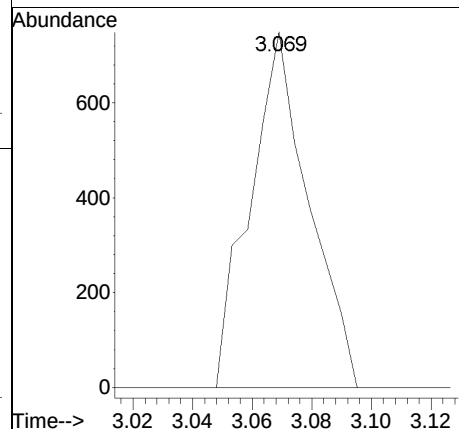
64 32.7 25.7 38.5

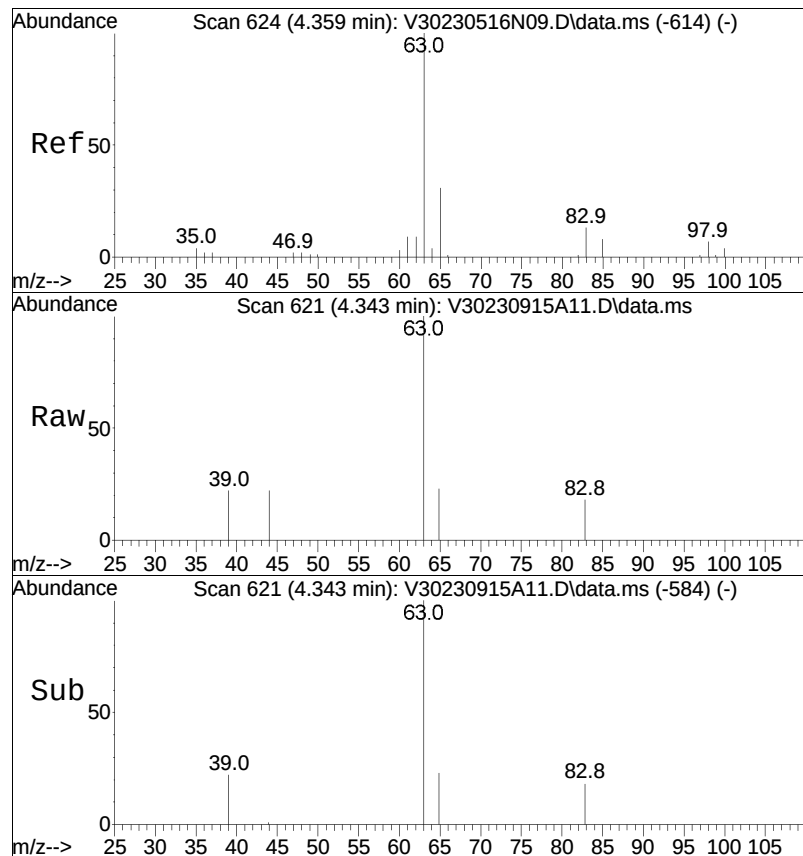




#11
 Carbon disulfide
 Concen: 0.14 ug/L
 RT: 3.069 min Scan# 378
 Delta R.T. -0.000 min
 Lab File: V30230915A11.D
 Acq: 15 Sep 2023 09:20 am

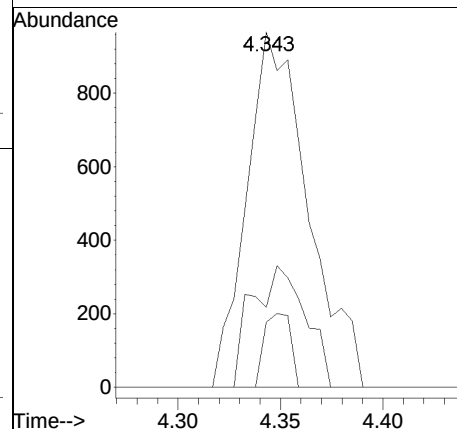
Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.4	13.4#

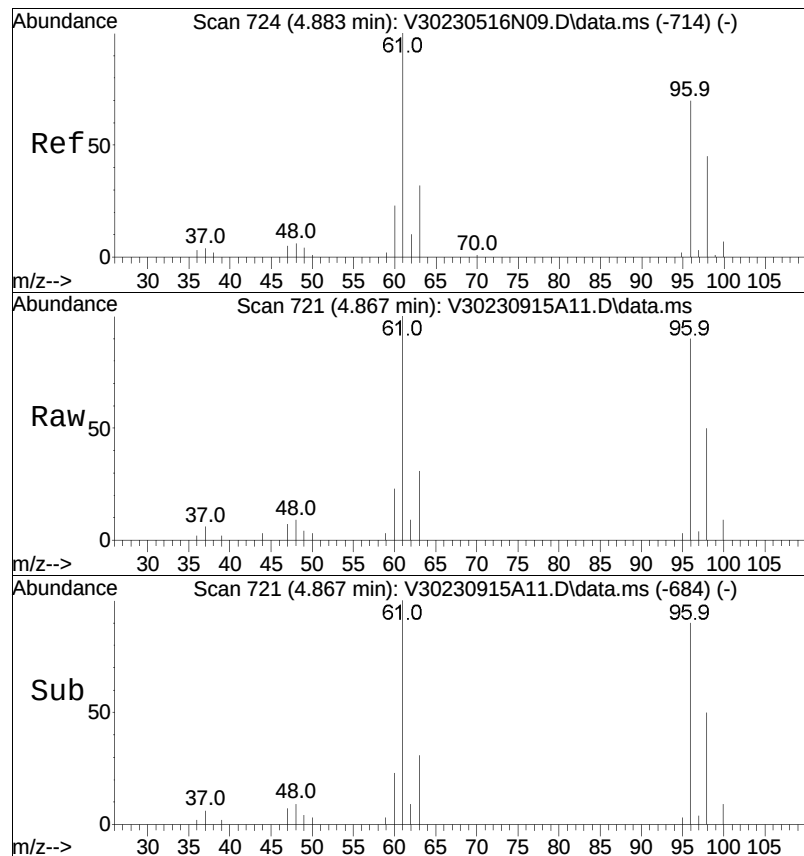




#25
 1,1-Dichloroethane
 Concen: 0.40 ug/L
 RT: 4.343 min Scan# 621
 Delta R.T. -0.005 min
 Lab File: V30230915A11.D
 Acq: 15 Sep 2023 09:20 am

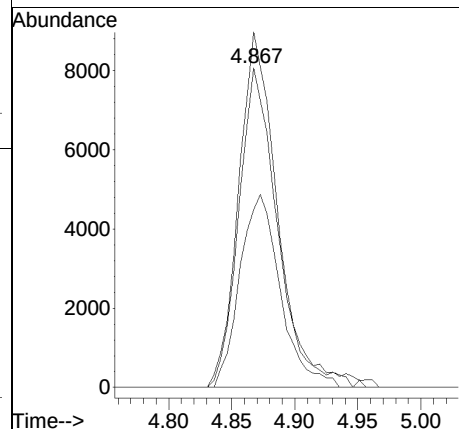
Tgt Ion:	63	Resp:	2011
Ion Ratio	Lower	Upper	
63	100		
65	29.8	24.5	36.7
83	9.0	8.9	13.3





#30
 cis-1,2-Dichloroethene
 Concen: 5.21 ug/L
 RT: 4.867 min Scan# 721
 Delta R.T. -0.005 min
 Lab File: V30230915A11.D
 Acq: 15 Sep 2023 09:20 am

Tgt Ion	Ratio	Lower	Upper
96	100		
61	113.0	129.3	193.9#
98	63.0	51.4	77.2



Manual Integration Report

Data Path : K:\V0A130\2023\230915A\ QMethod : V130_230913A_8260D.m
Data File : V30230915A11.D Operator : V0A130:LAC
Date Inj'd : 9/15/2023 9:20 am Instrument : V0A130
Sample : L2353445-03,31,10,10,,A,R3Quant Date : 9/15/2023 4:39 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A12.D
 Acq On : 15 Sep 2023 09:42 am
 Operator : VOA130:LAC
 Sample : L2353445-08,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 15 16:51:18 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	164662	10.000	ug/L	# 0.00
Standard Area 1 = 196480			Recovery	=	83.81%	
63) Chlorobenzene-d5	9.686	117	153431	10.000	ug/L	# 0.00
Standard Area 1 = 172891			Recovery	=	88.74%	
84) 1,4-Dichlorobenzene-d4	12.365	152	87396	10.000	ug/L	0.00
Standard Area 1 = 103140			Recovery	=	84.74%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.318	113	51677	10.004	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.04%	
47) 1,2-Dichloroethane-d4	5.843	65	50482	9.744	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.44%	
64) Toluene-d8	7.840	98	195821	10.271	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.71%	
88) 4-Bromofluorobenzene	11.164	95	66330	10.155	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.55%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	1.952	62	67002	16.624	ug/L	98
5) Bromomethane	2.288	94	104	N.D.		
6) Chloroethane	0.000		0	N.D. d		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.069	76	999	0.133	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.640	43	428	Below Cal	#	50
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	4.343	63	1928	0.366	ug/L #	89
30) cis-1,2-Dichloroethene	4.873	96	17037	4.922	ug/L #	73
33) Bromochloromethane	0.000		0	N.D.		
34) Cyclohexane	0.000		0	N.D.		
35) Chloroform	0.000		0	N.D.		
37) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A12.D
 Acq On : 15 Sep 2023 09:42 am
 Operator : VOA130:LAC
 Sample : L2353445-08,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 15 16:51:18 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,1,1-Trichloroethane	0.000		0		N.D.	
42) 2-Butanone	0.000		0		N.D.	
45) Benzene	5.717	78	48		N.D.	
48) 1,2-Dichloroethane	0.000		0		N.D.	
51) Methylcyclohexane	0.000		0		N.D.	
52) Trichloroethene	0.000		0		N.D.	
55) 1,2-Dichloropropane	0.000		0		N.D.	
58) Bromodichloromethane	0.000		0		N.D.	
61) 1,4-Dioxane	0.000		0		N.D.	
62) cis-1,3-Dichloropropene	0.000		0		N.D.	
65) Toluene	0.000		0		N.D.	
66) 4-Methyl-2-pentanone	0.000		0		N.D.	
67) Tetrachloroethene	0.000		0		N.D.	
69) trans-1,3-Dichloropropene	0.000		0		N.D.	
72) 1,1,2-Trichloroethane	0.000		0		N.D.	
73) Chlorodibromomethane	0.000		0		N.D.	
75) 1,2-Dibromoethane	0.000		0		N.D.	
77) 2-Hexanone	0.000		0		N.D.	
78) Chlorobenzene	0.000		0		N.D.	
79) Ethylbenzene	9.681	91	258		N.D.	
81) p/m Xylene	0.000		0		N.D.	
82) o Xylene	0.000		0		N.D.	
83) Styrene	0.000		0		N.D.	
85) Bromoform	0.000		0		N.D.	
87) Isopropylbenzene	0.000		0		N.D.	
90) n-Propylbenzene	11.164	91	333		N.D.	
92) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
95) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
99) tert-Butylbenzene	0.000		0		N.D.	
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	0.000		0		N.D.	
106) 1,4-Dichlorobenzene	0.000		0		N.D.	
108) n-Butylbenzene	0.000		0		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A12.D
 Acq On : 15 Sep 2023 09:42 am
 Operator : VOA130:LAC
 Sample : L2353445-08,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 15 16:51:18 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

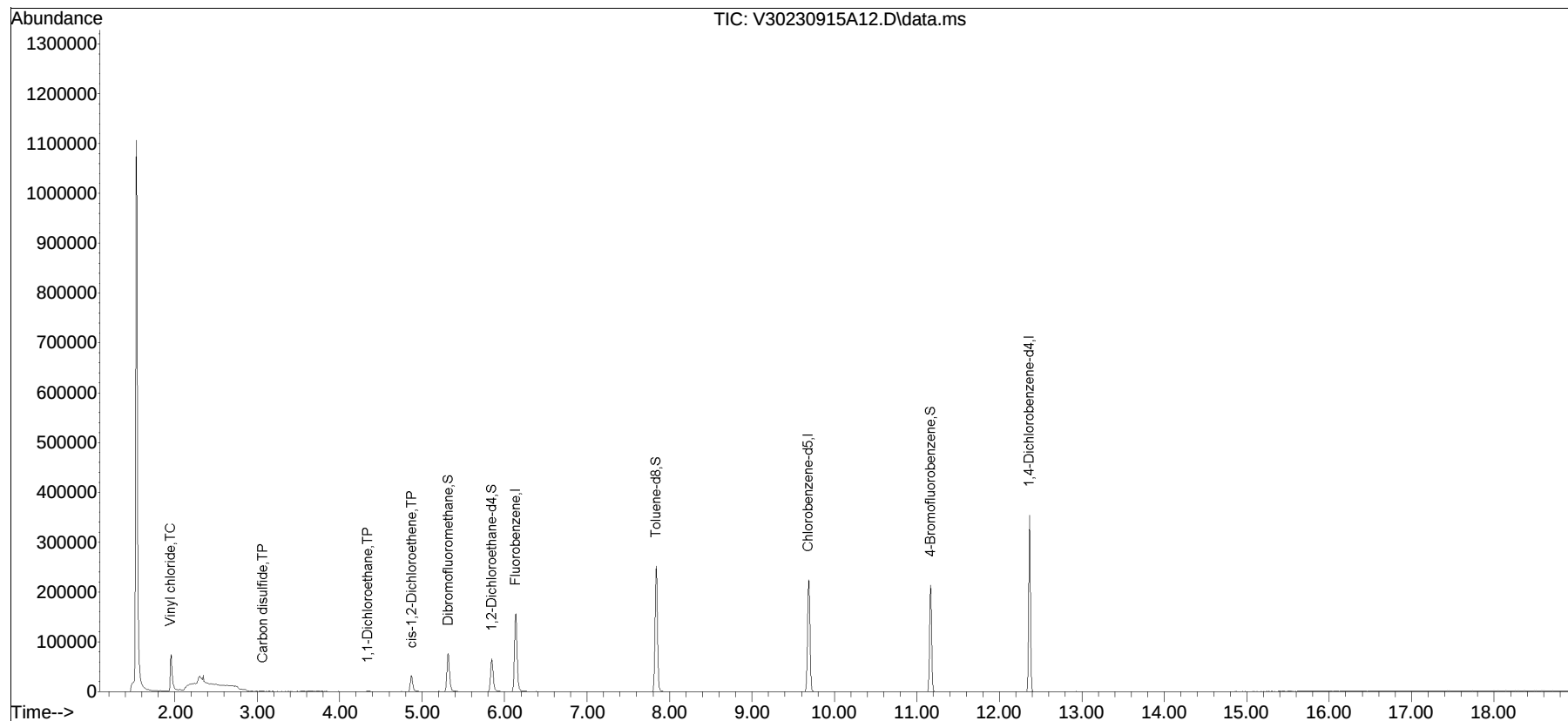
(#) = qualifier out of range (m) = manual integration (+) = signals summed

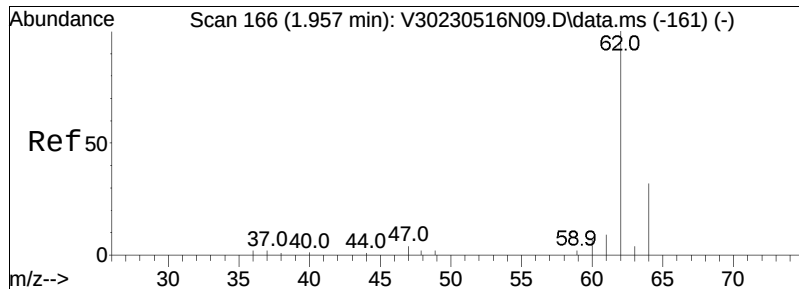
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A12.D
 Acq On : 15 Sep 2023 09:42 am
 Operator : VOA130:LAC
 Sample : L2353445-08,31,10,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 15 16:51:18 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0915A01.D•





#4

Vinyl chloride

Concen: 16.62 ug/L

RT: 1.952 min Scan# 165

Delta R.T. -0.005 min

Lab File: V30230915A12.D

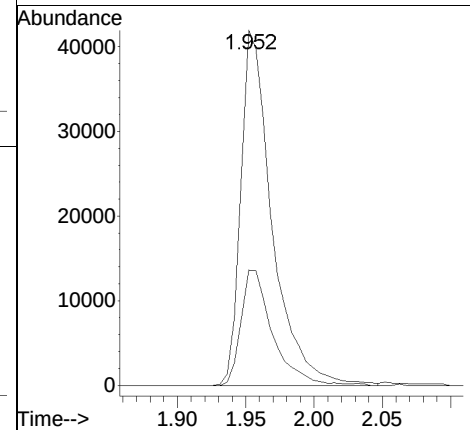
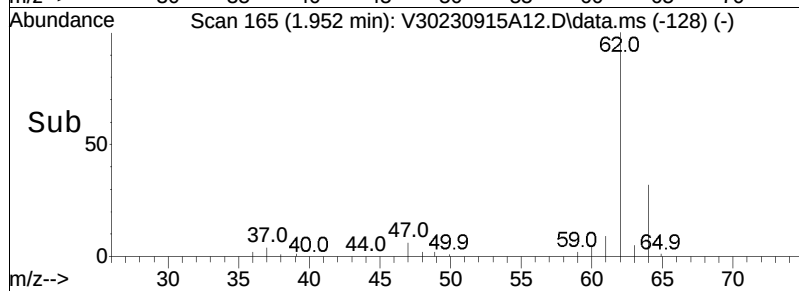
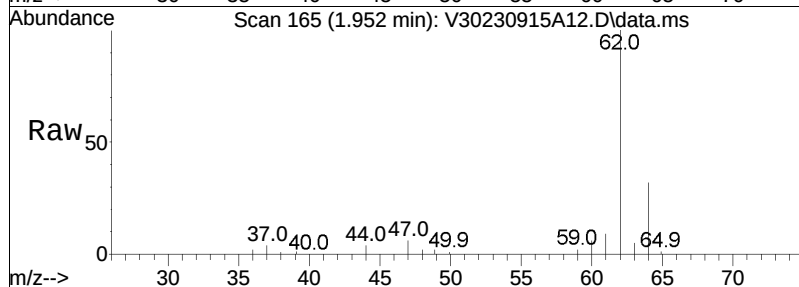
Acq: 15 Sep 2023 09:42 am

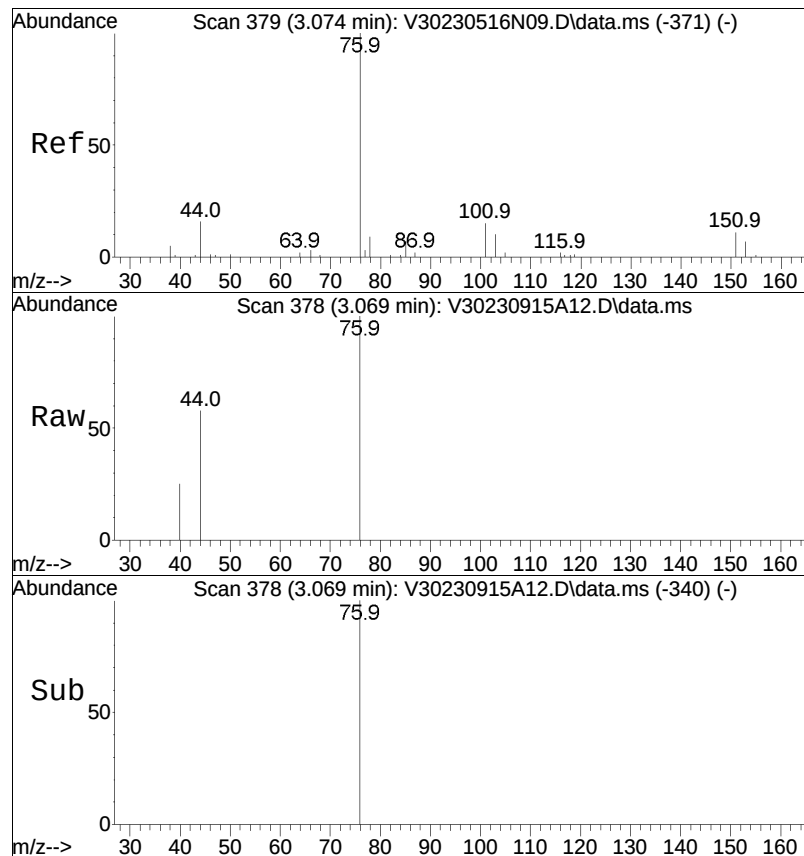
Tgt Ion: 62 Resp: 67002

Ion Ratio Lower Upper

62 100

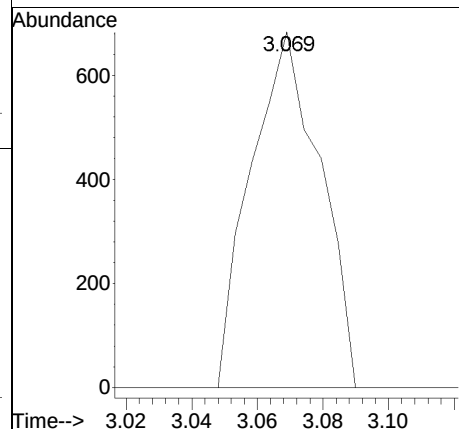
64 33.0 25.7 38.5

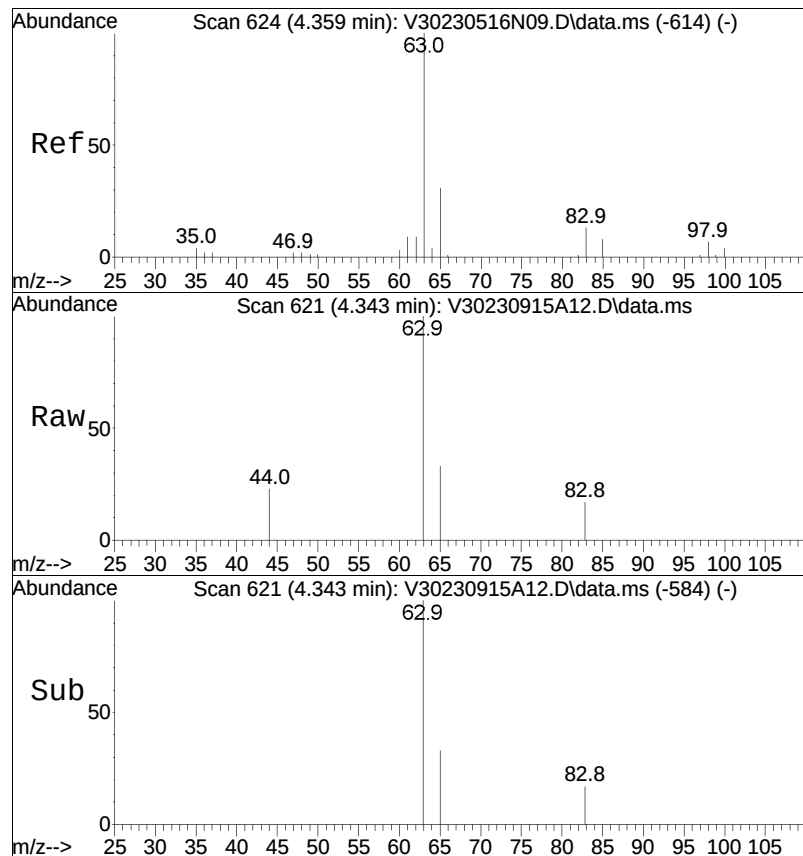




#11
 Carbon disulfide
 Concen: 0.13 ug/L
 RT: 3.069 min Scan# 378
 Delta R.T. -0.000 min
 Lab File: V30230915A12.D
 Acq: 15 Sep 2023 09:42 am

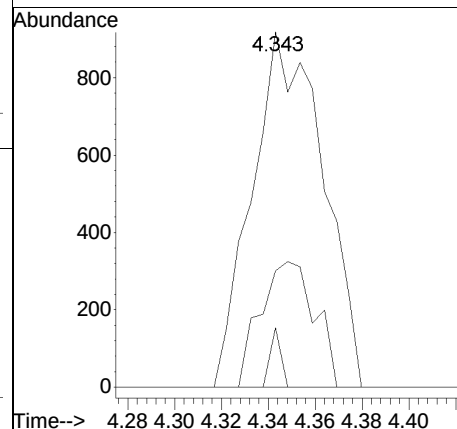
Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.4	13.4#

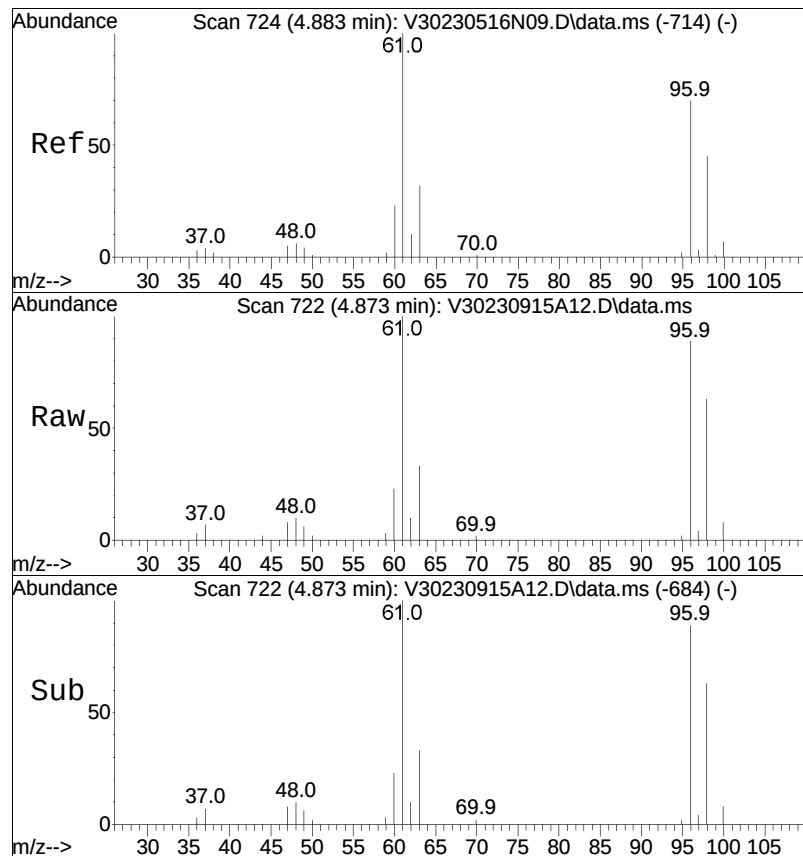




#25
 1,1-Dichloroethane
 Concen: 0.37 ug/L
 RT: 4.343 min Scan# 621
 Delta R.T. -0.005 min
 Lab File: V30230915A12.D
 Acq: 15 Sep 2023 09:42 am

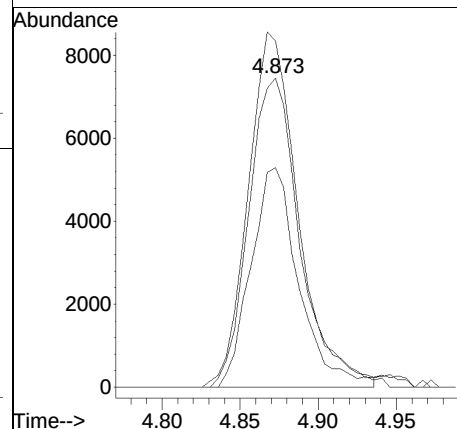
Tgt Ion:	63	Resp:	1928
Ion Ratio	Lower	Upper	
63	100		
65	27.2	24.5	36.7
83	2.5	8.9	13.3#





#30
 cis-1,2-Dichloroethene
 Concen: 4.92 ug/L
 RT: 4.873 min Scan# 722
 Delta R.T. -0.000 min
 Lab File: V30230915A12.D
 Acq: 15 Sep 2023 09:42 am

Tgt Ion:	96	Resp:	17037
Ion Ratio	Lower	Upper	
96	100		
61	114.2	129.3	193.9#
98	67.0	51.4	77.2



Manual Integration Report

Data Path : K:\V0A130\2023\230915A\ QMethod : V130_230913A_8260D.m
Data File : V30230915A12.D Operator : V0A130:LAC
Date Inj'd : 9/15/2023 9:42 am Instrument : V0A130
Sample : L2353445-08,31,10,10,,A,R3Quant Date : 9/15/2023 4:39 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A13.D
 Acq On : 15 Sep 2023 10:04 am
 Operator : VOA130:LAC
 Sample : L2353445-04D, 31, 4.0, 10, , A, R3E
 Misc : WG1828105, ICAL20364
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 15 16:52:29 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	164418	10.000	ug/L	# 0.00
Standard Area 1 = 196480			Recovery	=	83.68%	
63) Chlorobenzene-d5	9.686	117	150678	10.000	ug/L	# 0.00
Standard Area 1 = 172891			Recovery	=	87.15%	
84) 1,4-Dichlorobenzene-d4	12.365	152	85249	10.000	ug/L	0.00
Standard Area 1 = 103140			Recovery	=	82.65%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	51788	10.040	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.40%	
47) 1,2-Dichloroethane-d4	5.843	65	50473	9.757	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.57%	
64) Toluene-d8	7.840	98	192502	10.281	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.81%	
88) 4-Bromofluorobenzene	11.164	95	65751	10.320	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.20%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	1.952	62	407496	101.254	ug/L	98
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D. d		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.043	96	776	0.285	ug/L #	66
11) Carbon disulfide	3.069	76	1189	0.158	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.646	43	277	Below Cal	#	50
18) trans-1,2-Dichloroethene	3.761	96	1183	0.390	ug/L #	72
19) Methyl acetate	0.000		0	N.D. d		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	4.348	63	9036	1.719	ug/L #	95
30) cis-1,2-Dichloroethene	4.873	96	608338	176.025	ug/L #	73
33) Bromochloromethane	0.000		0	N.D.		
34) Cyclohexane	0.000		0	N.D.		
35) Chloroform	0.000		0	N.D.		
37) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A13.D
 Acq On : 15 Sep 2023 10:04 am
 Operator : VOA130:LAC
 Sample : L2353445-04D, 31, 4.0, 10, , A, R3E
 Misc : WG1828105, ICAL20364
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 15 16:52:29 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,1,1-Trichloroethane	0.000		0		N.D.	
42) 2-Butanone	0.000		0		N.D.	
45) Benzene	5.706	78	229		N.D.	
48) 1,2-Dichloroethane	0.000		0		N.D.	
51) Methylcyclohexane	0.000		0		N.D.	
52) Trichloroethene	6.314	95	58		N.D.	
55) 1,2-Dichloropropane	0.000		0		N.D.	
58) Bromodichloromethane	0.000		0		N.D.	
61) 1,4-Dioxane	0.000		0		N.D.	
62) cis-1,3-Dichloropropene	0.000		0		N.D.	
65) Toluene	0.000		0		N.D.	
66) 4-Methyl-2-pentanone	0.000		0		N.D.	
67) Tetrachloroethene	0.000		0		N.D.	
69) trans-1,3-Dichloropropene	0.000		0		N.D.	
72) 1,1,2-Trichloroethane	0.000		0		N.D.	
73) Chlorodibromomethane	0.000		0		N.D.	
75) 1,2-Dibromoethane	0.000		0		N.D.	
77) 2-Hexanone	0.000		0		N.D.	
78) Chlorobenzene	0.000		0		N.D.	
79) Ethylbenzene	9.675	91	191		N.D.	
81) p/m Xylene	0.000		0		N.D.	
82) o Xylene	0.000		0		N.D.	
83) Styrene	0.000		0		N.D.	
85) Bromoform	0.000		0		N.D.	
87) Isopropylbenzene	0.000		0		N.D.	
90) n-Propylbenzene	11.164	91	188		N.D.	
92) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
95) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
99) tert-Butylbenzene	0.000		0		N.D.	
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	0.000		0		N.D.	
106) 1,4-Dichlorobenzene	0.000		0		N.D.	
108) n-Butylbenzene	0.000		0		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A13.D
 Acq On : 15 Sep 2023 10:04 am
 Operator : VOA130:LAC
 Sample : L2353445-04D,31,4.0,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 15 16:52:29 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

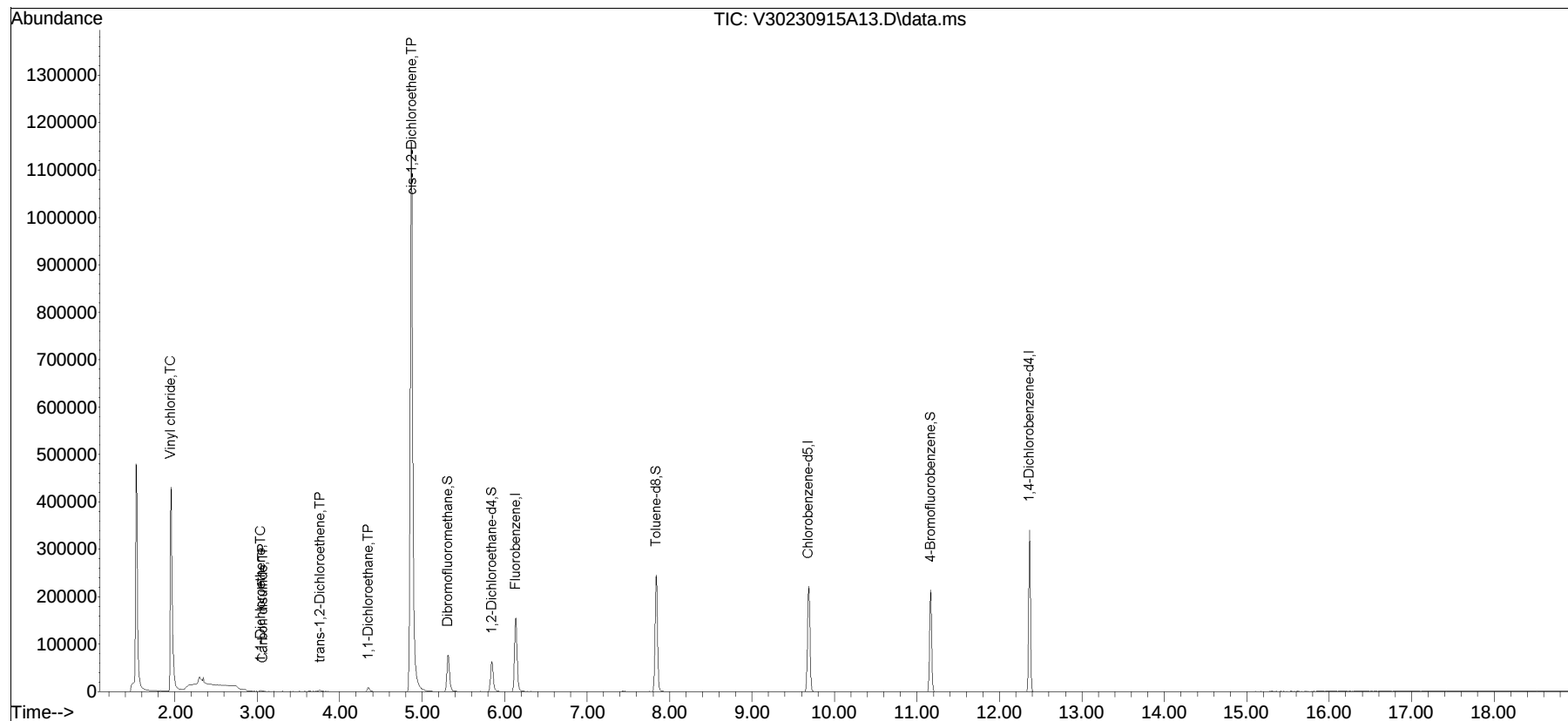
(#) = qualifier out of range (m) = manual integration (+) = signals summed

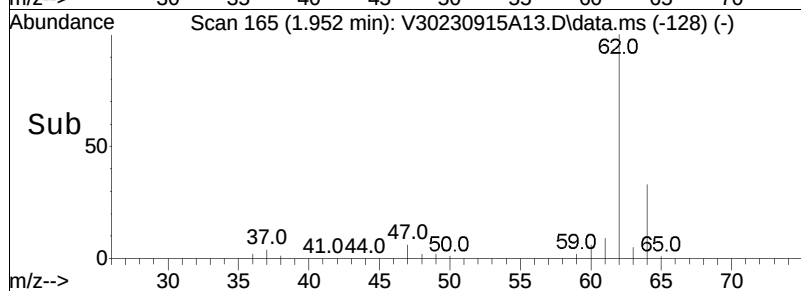
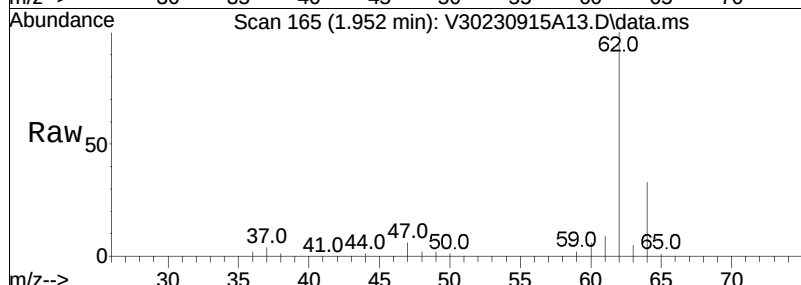
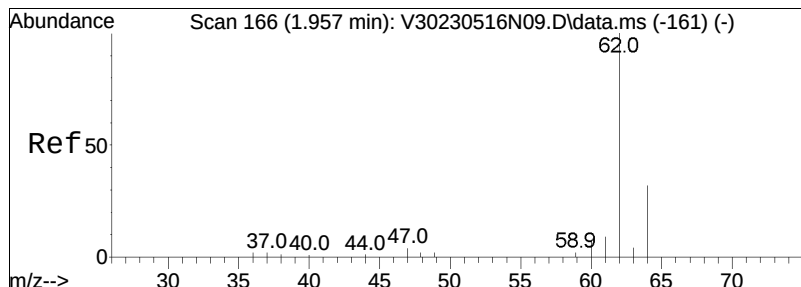
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A13.D
 Acq On : 15 Sep 2023 10:04 am
 Operator : VOA130:LAC
 Sample : L2353445-04D,31,4.0,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 15 16:52:29 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0915A01.D•





#4

Vinyl chloride

Concen: 101.25 ug/L

RT: 1.952 min Scan# 165

Delta R.T. -0.005 min

Lab File: V30230915A13.D

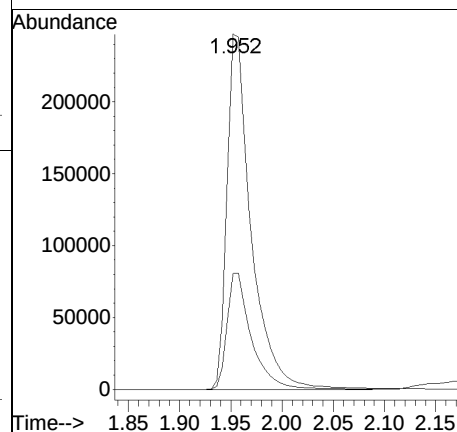
Acq: 15 Sep 2023 10:04 am

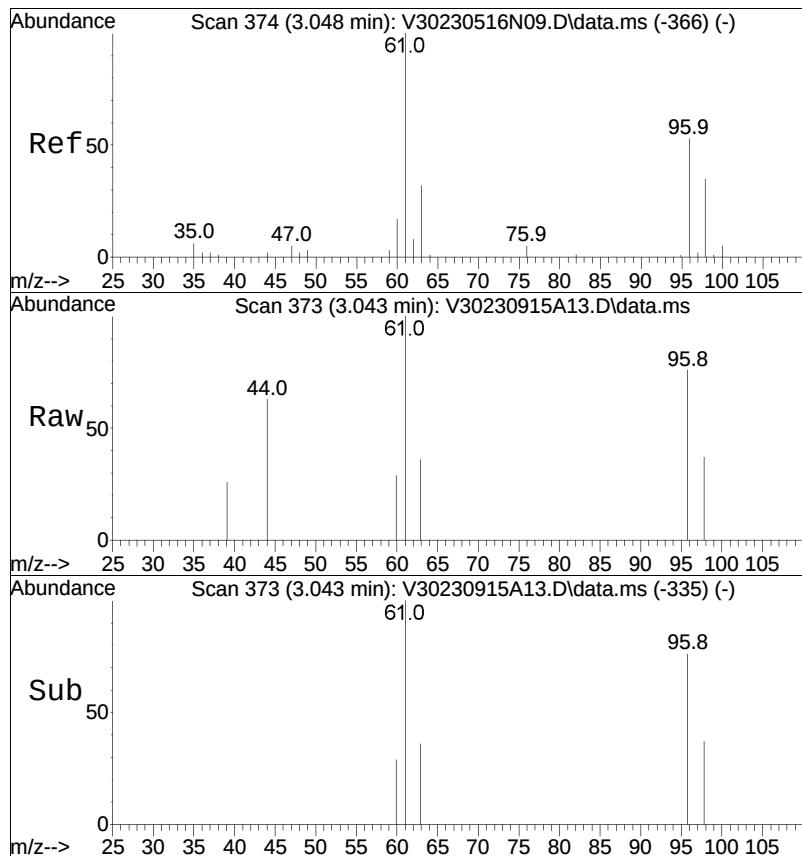
Tgt Ion: 62 Resp: 407496

Ion Ratio Lower Upper

62 100

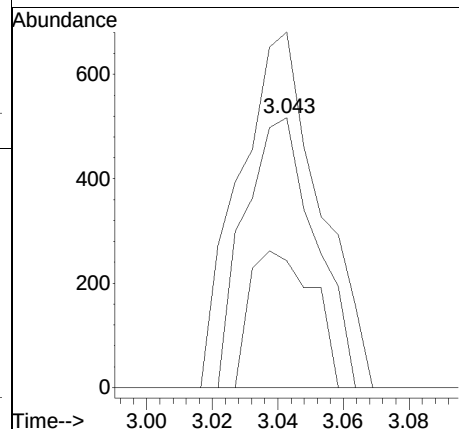
64 33.0 25.7 38.5

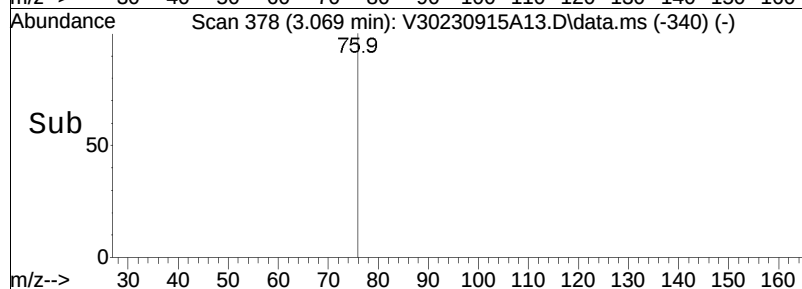
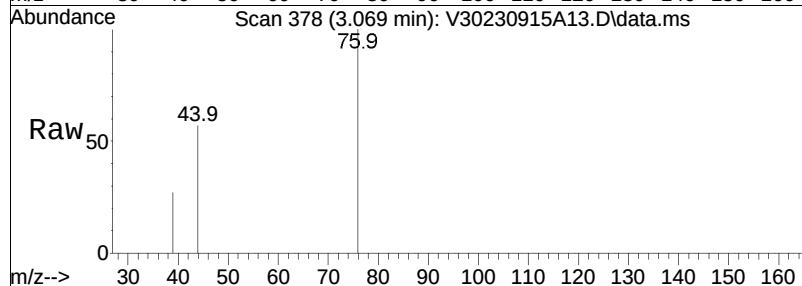
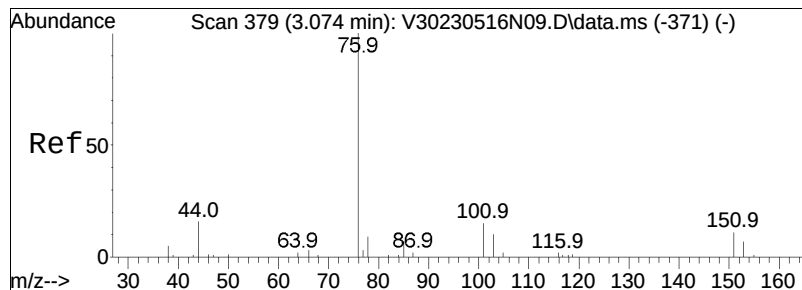




#10
 1,1-Dichloroethene
 Concen: 0.29 ug/L
 RT: 3.043 min Scan# 373
 Delta R.T. -0.000 min
 Lab File: V30230915A13.D
 Acq: 15 Sep 2023 10:04 am

Tgt Ion:	96	Resp:	776
Ion Ratio	Lower	Upper	
96	100		
61	149.7	165.5	248.3#
63	45.2	51.9	77.9#





#11

Carbon disulfide

Concen: 0.16 ug/L

RT: 3.069 min Scan# 378

Delta R.T. -0.000 min

Lab File: V30230915A13.D

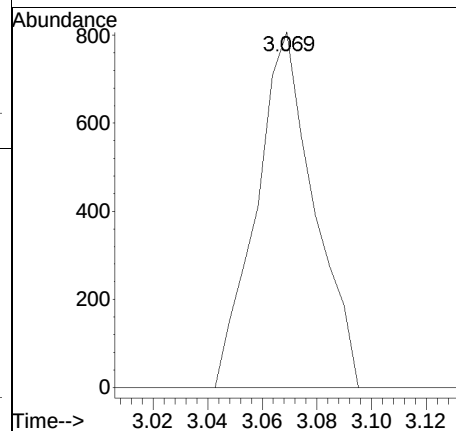
Acq: 15 Sep 2023 10:04 am

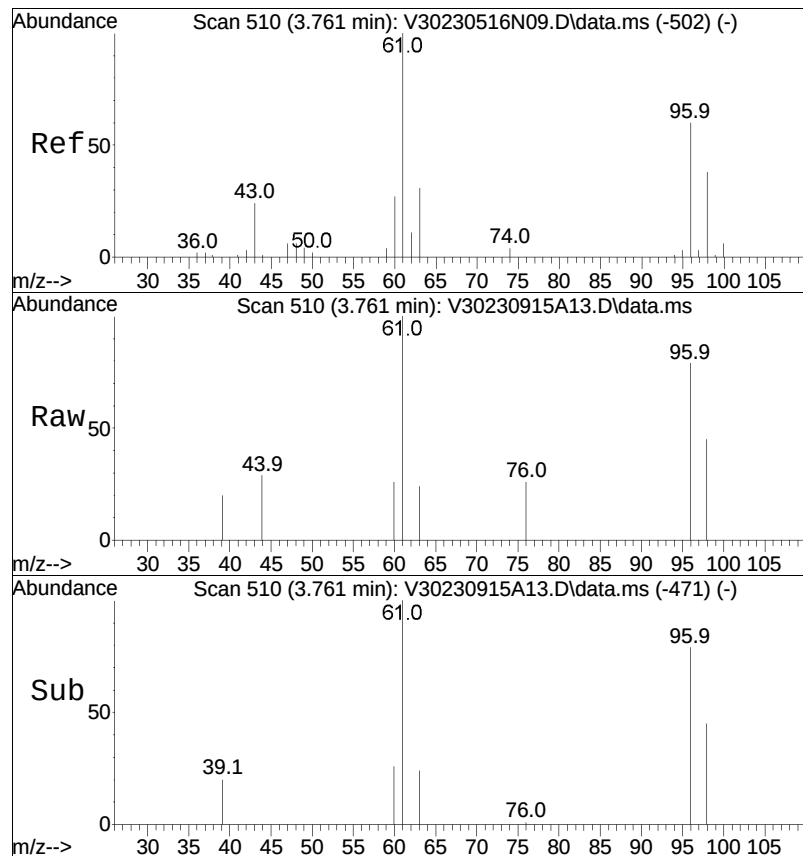
Tgt Ion: 76 Resp: 1189

Ion Ratio Lower Upper

76 100

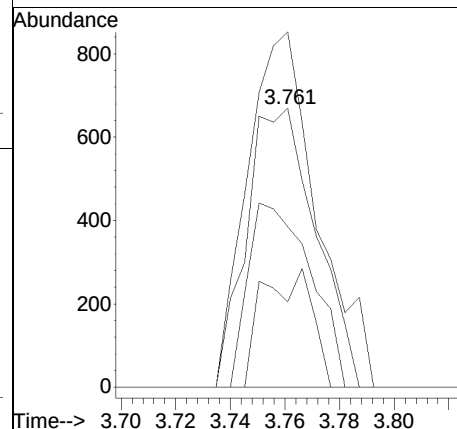
78 0.0 6.4 13.4#

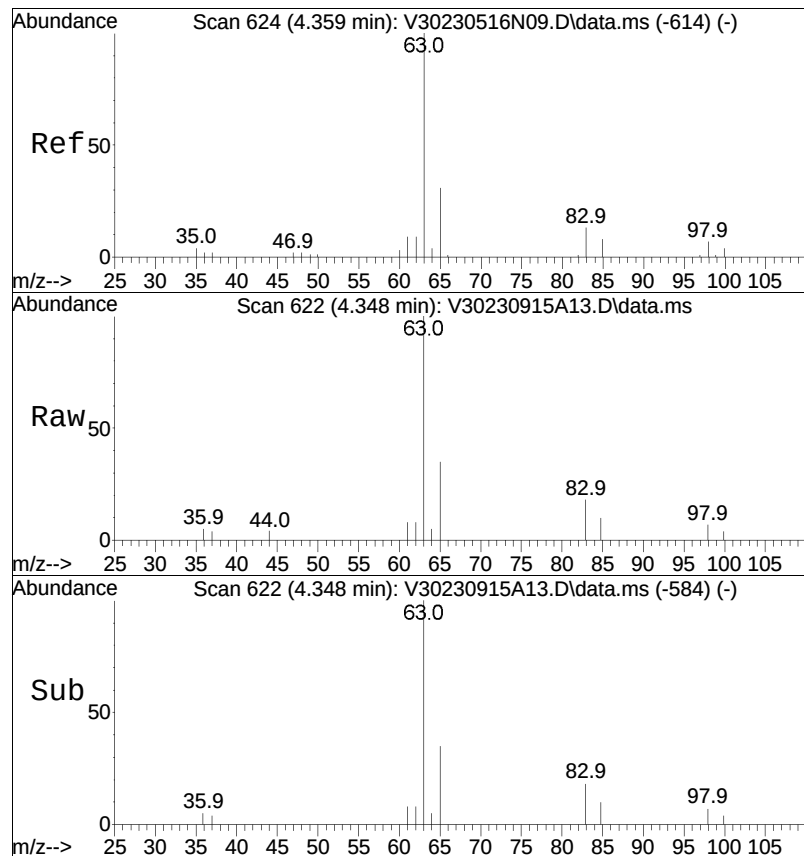




#18
 trans-1,2-Dichloroethene
 Concen: 0.39 ug/L
 RT: 3.761 min Scan# 510
 Delta R.T. 0.005 min
 Lab File: V30230915A13.D
 Acq: 15 Sep 2023 10:04 am

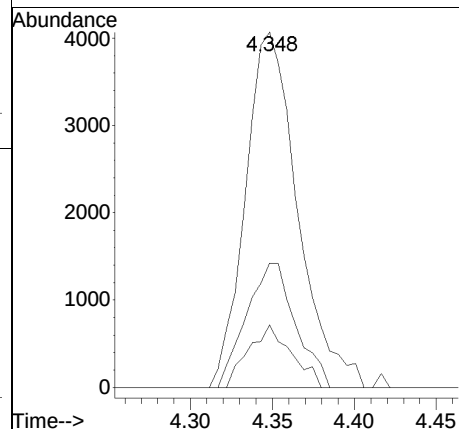
Tgt Ion:	96	Resp:	1183
Ion Ratio	Lower	Upper	
96	100		
61	127.9	113.6	236.0
98	59.7	40.8	84.8
63	30.3	36.5	75.7#

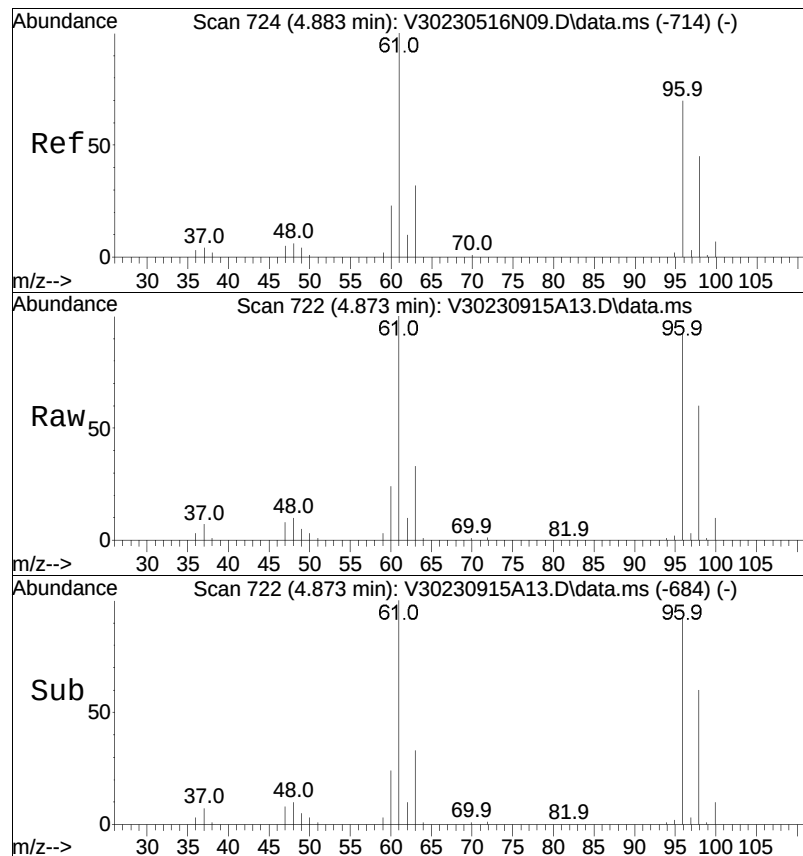




#25
 1,1-Dichloroethane
 Concen: 1.72 ug/L
 RT: 4.348 min Scan# 622
 Delta R.T. 0.000 min
 Lab File: V30230915A13.D
 Acq: 15 Sep 2023 10:04 am

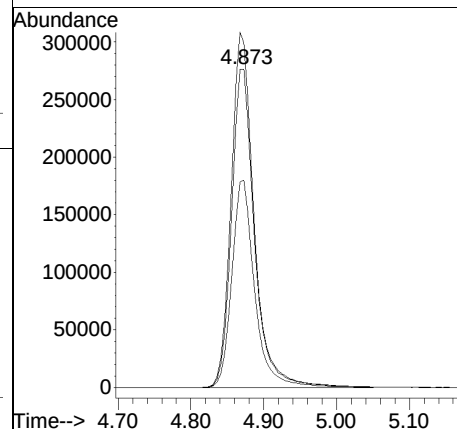
Tgt Ion:	63	Resp:	9036
Ion Ratio	Lower	Upper	
63	100		
65	32.8	24.5	36.7
83	14.4	8.9	13.3#





#30
 cis-1,2-Dichloroethene
 Concen: 176.03 ug/L
 RT: 4.873 min Scan# 722
 Delta R.T. -0.000 min
 Lab File: V30230915A13.D
 Acq: 15 Sep 2023 10:04 am

Tgt Ion:	96	Resp:	608338
Ion Ratio	Lower	Upper	
96	100		
61	111.4	129.3	193.9#
98	64.7	51.4	77.2



Manual Integration Report

Data Path : K:\V0A130\2023\230915A\ QMethod : V130_230913A_8260D.m
Data File : V30230915A13.D Operator : V0A130:LAC
Date Inj'd : 9/15/2023 10:04 am Instrument : V0A130
Sample : L2353445-04D,31,4.0,10,,A, Quant Date : 9/15/2023 4:39 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A14.D
 Acq On : 15 Sep 2023 10:26 am
 Operator : VOA130:LAC
 Sample : L2353445-05D, 31, 0.5, 10, , A, R3E
 Misc : WG1828105, ICAL20364
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 15 16:55:56 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	158253	10.000	ug/L	# 0.00
Standard Area 1 = 196480			Recovery	=	80.54%	
63) Chlorobenzene-d5	9.686	117	145892	10.000	ug/L	# 0.00
Standard Area 1 = 172891			Recovery	=	84.38%	
84) 1,4-Dichlorobenzene-d4	12.365	152	83066	10.000	ug/L	0.00
Standard Area 1 = 103140			Recovery	=	80.54%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	49941	10.060	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.60%	
47) 1,2-Dichloroethane-d4	5.848	65	49537	9.949	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.49%	
64) Toluene-d8	7.840	98	186412	10.282	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.82%	
88) 4-Bromofluorobenzene	11.165	95	63427	10.217	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.17%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	1.952	62	184532	47.638	ug/L	99
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	2.330	64	50	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.032	96	728	0.278	ug/L #	65
11) Carbon disulfide	3.064	76	760	0.105	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.599	84	58	N.D.		
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	3.761	96	458	0.157	ug/L #	34
19) Methyl acetate	0.000		0	N.D. d		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	4.348	63	10543	2.083	ug/L #	96
30) cis-1,2-Dichloroethene	4.868	96	361088	108.553	ug/L #	73
33) Bromochloromethane	0.000		0	N.D.		
34) Cyclohexane	0.000		0	N.D.		
35) Chloroform	0.000		0	N.D.		
37) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A14.D
 Acq On : 15 Sep 2023 10:26 am
 Operator : VOA130:LAC
 Sample : L2353445-05D, 31, 0.5, 10, , A, R3E
 Misc : WG1828105, ICAL20364
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 15 16:55:56 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,1,1-Trichloroethane	0.000		0		N.D.	
42) 2-Butanone	0.000		0		N.D.	
45) Benzene	0.000		0		N.D.	
48) 1,2-Dichloroethane	0.000		0		N.D.	
51) Methylcyclohexane	0.000		0		N.D.	
52) Trichloroethene	0.000		0		N.D.	
55) 1,2-Dichloropropane	0.000		0		N.D.	
58) Bromodichloromethane	0.000		0		N.D.	
61) 1,4-Dioxane	0.000		0		N.D.	
62) cis-1,3-Dichloropropene	0.000		0		N.D.	
65) Toluene	0.000		0		N.D.	
66) 4-Methyl-2-pentanone	0.000		0		N.D.	
67) Tetrachloroethene	0.000		0		N.D.	
69) trans-1,3-Dichloropropene	0.000		0		N.D.	
72) 1,1,2-Trichloroethane	0.000		0		N.D.	
73) Chlorodibromomethane	0.000		0		N.D.	
75) 1,2-Dibromoethane	0.000		0		N.D.	
77) 2-Hexanone	0.000		0		N.D.	
78) Chlorobenzene	0.000		0		N.D.	
79) Ethylbenzene	9.691	91	171		N.D.	
81) p/m Xylene	0.000		0		N.D.	
82) o Xylene	0.000		0		N.D.	
83) Styrene	0.000		0		N.D.	
85) Bromoform	0.000		0		N.D.	
87) Isopropylbenzene	0.000		0		N.D.	
90) n-Propylbenzene	11.170	91	313		N.D.	
92) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
95) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
99) tert-Butylbenzene	0.000		0		N.D.	
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	0.000		0		N.D.	
106) 1,4-Dichlorobenzene	0.000		0		N.D.	
108) n-Butylbenzene	0.000		0		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A14.D
 Acq On : 15 Sep 2023 10:26 am
 Operator : VOA130:LAC
 Sample : L2353445-05D, 31, 0.5, 10,, A, R3E
 Misc : WG1828105, ICAL20364
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 15 16:55:56 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

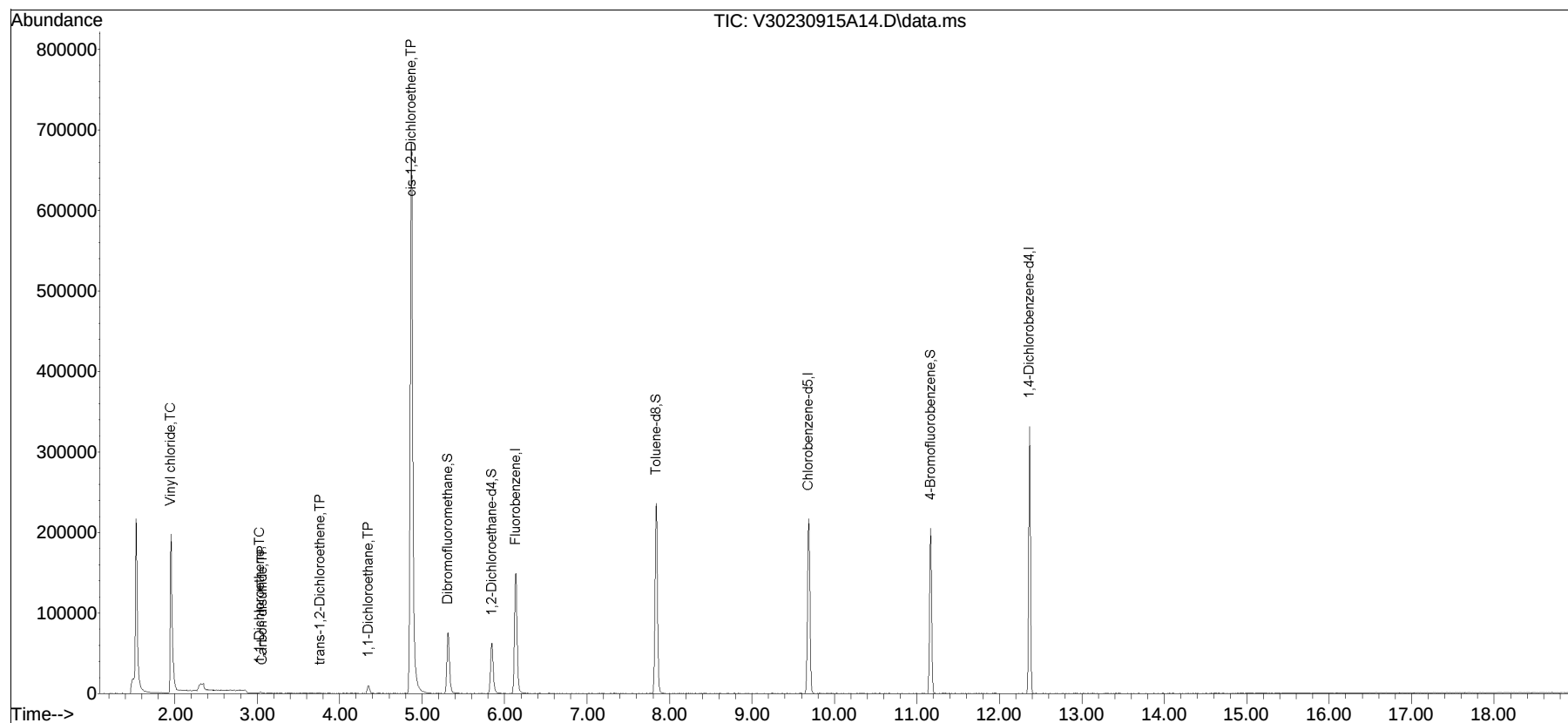
(#) = qualifier out of range (m) = manual integration (+) = signals summed

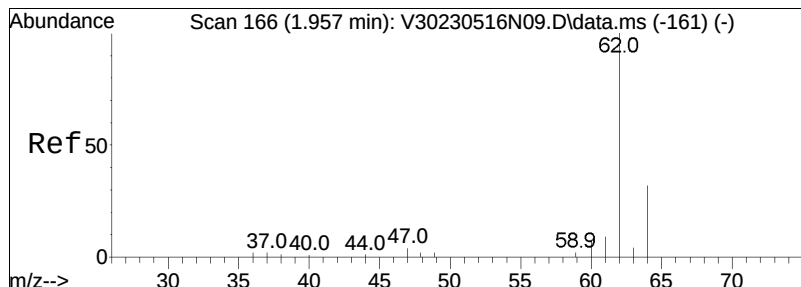
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A14.D
 Acq On : 15 Sep 2023 10:26 am
 Operator : VOA130:LAC
 Sample : L2353445-05D, 31, 0.5, 10, , A, R3E
 Misc : WG1828105, ICAL20364
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 15 16:55:56 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

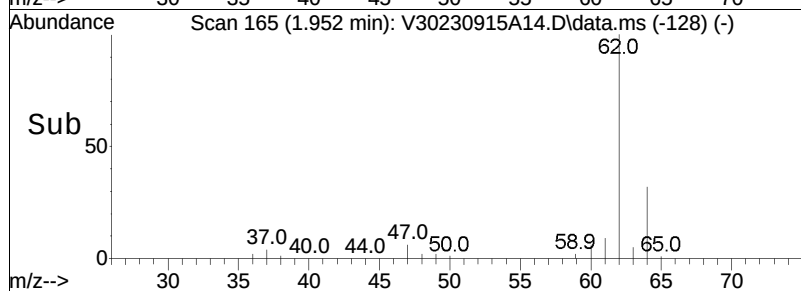
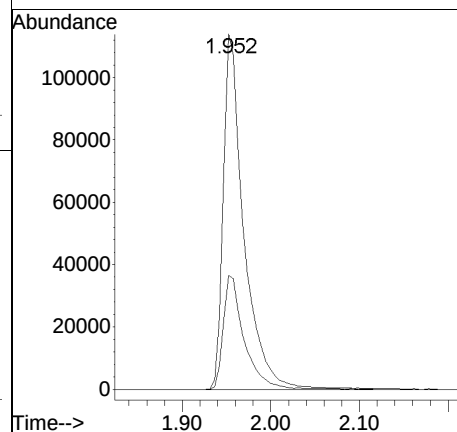
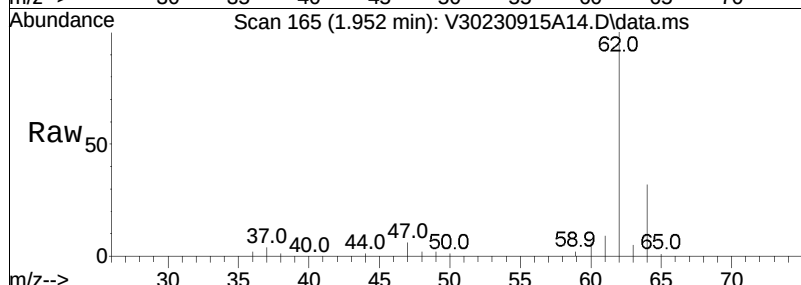
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0915A01.D•

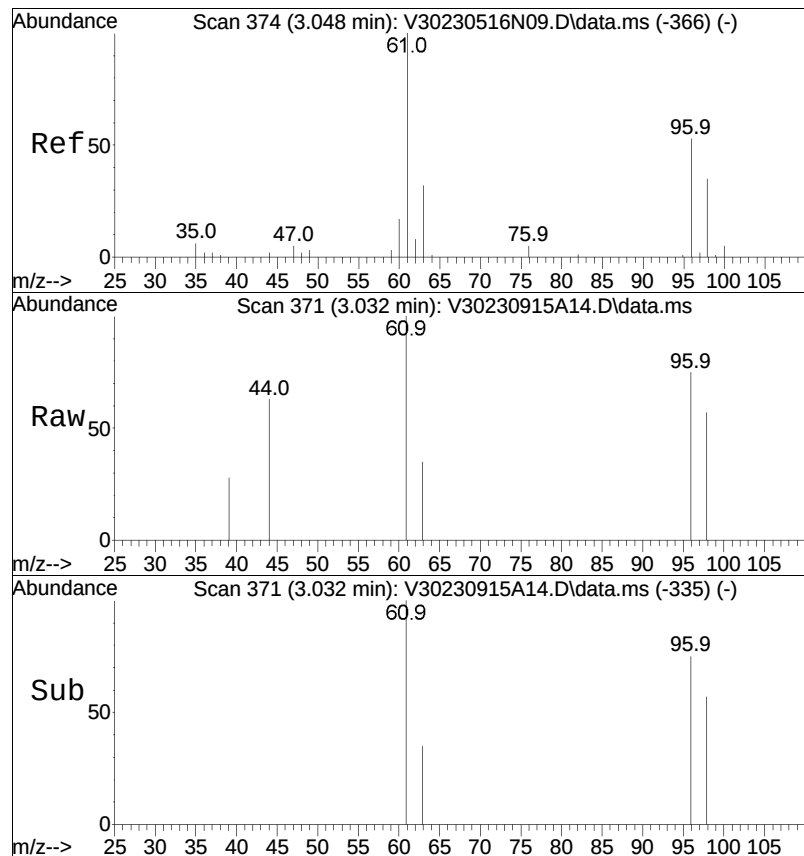




#4
 Vinyl chloride
 Concen: 47.64 ug/L
 RT: 1.952 min Scan# 165
 Delta R.T. -0.005 min
 Lab File: V30230915A14.D
 Acq: 15 Sep 2023 10:26 am

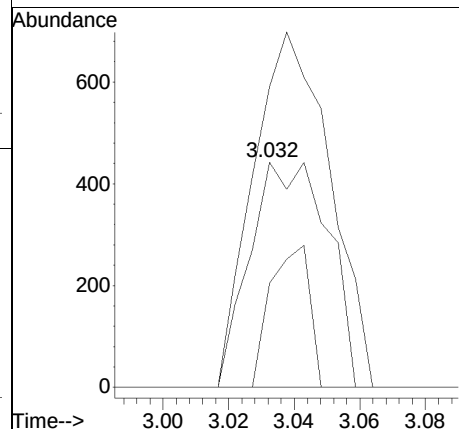
Tgt Ion: 62 Resp: 184532
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.7 38.5

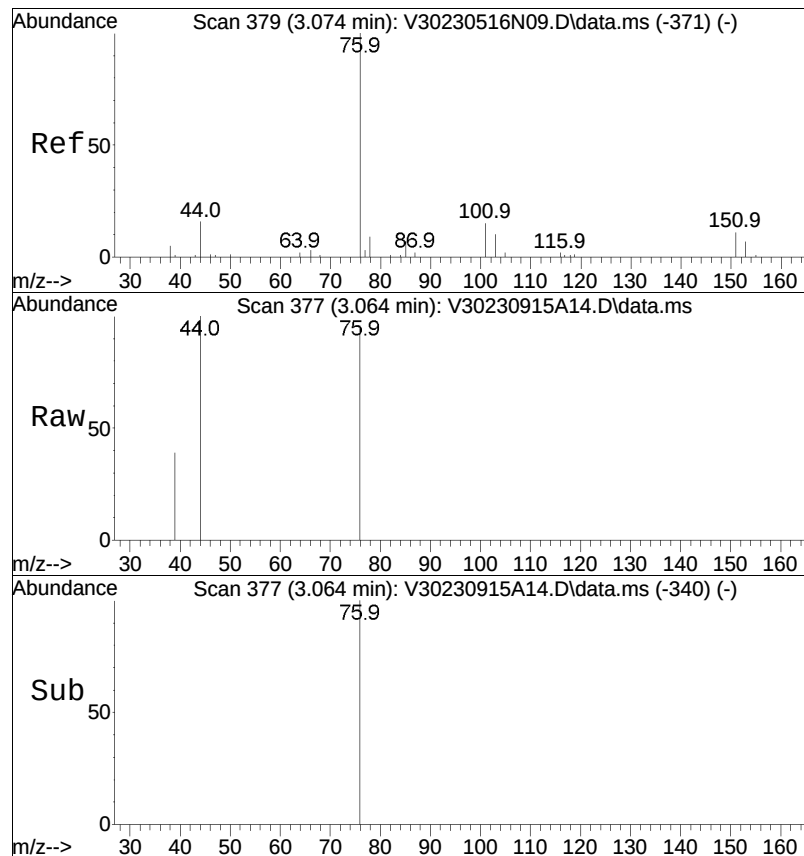




#10
 1,1-Dichloroethene
 Concen: 0.28 ug/L
 RT: 3.032 min Scan# 371
 Delta R.T. -0.011 min
 Lab File: V30230915A14.D
 Acq: 15 Sep 2023 10:26 am

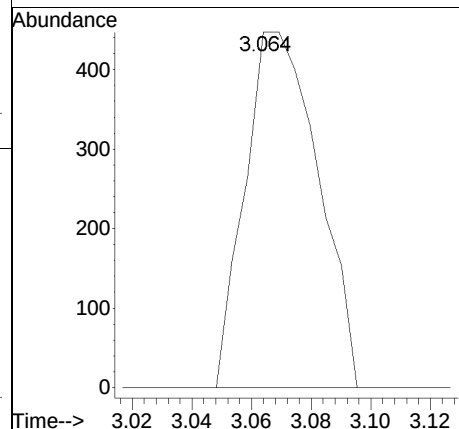
Tgt Ion:	96	Resp:	728
Ion Ratio	Lower	Upper	
96	100		
61	156.0	165.5	248.3#
63	31.9	51.9	77.9#

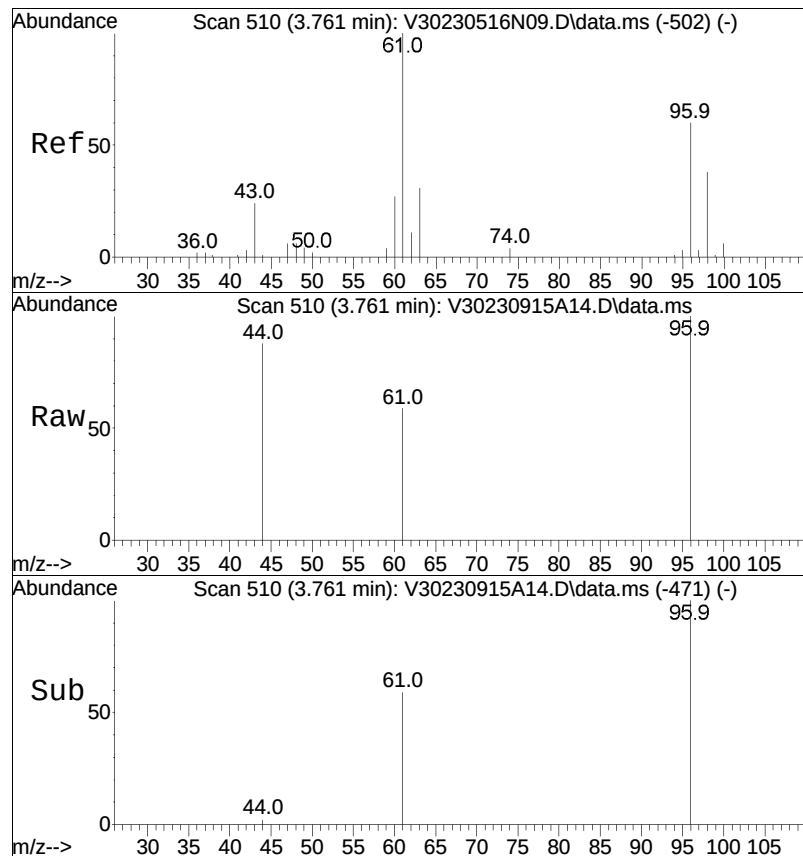




#11
 Carbon disulfide
 Concen: 0.10 ug/L
 RT: 3.064 min Scan# 377
 Delta R.T. -0.005 min
 Lab File: V30230915A14.D
 Acq: 15 Sep 2023 10:26 am

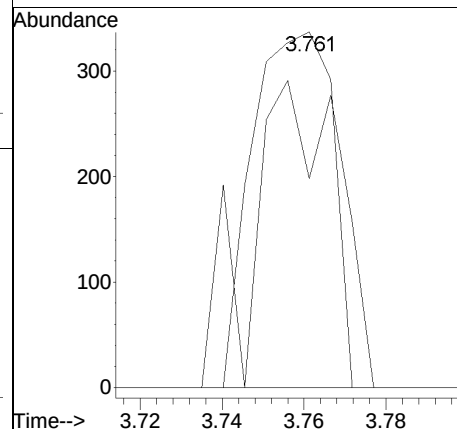
Tgt Ion:	76	Resp:	760
Ion Ratio	Lower	Upper	
76	100		
78	0.0	6.4	13.4#

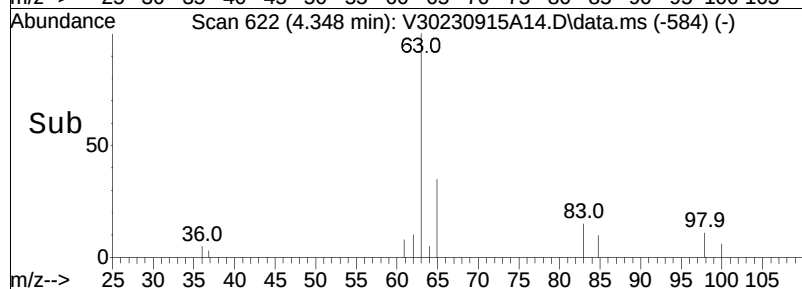
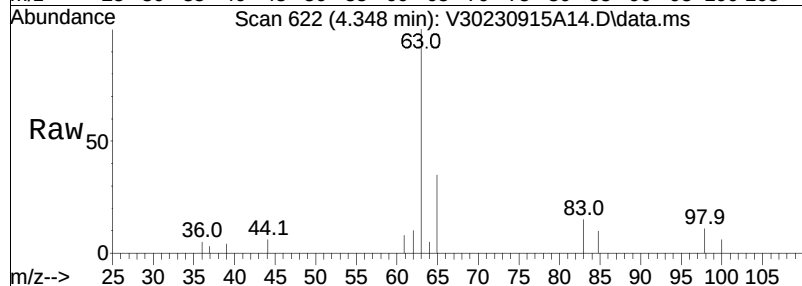
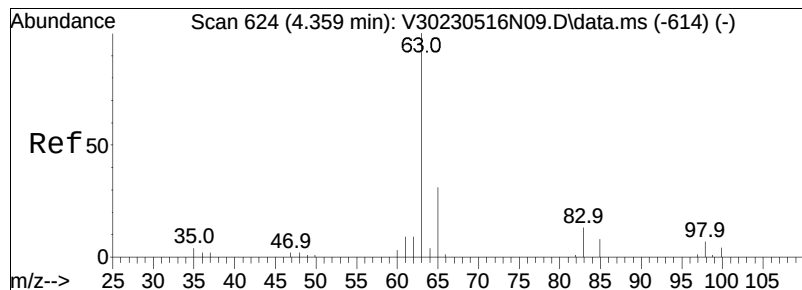




#18
 trans-1,2-Dichloroethene
 Concen: 0.16 ug/L
 RT: 3.761 min Scan# 510
 Delta R.T. 0.005 min
 Lab File: V30230915A14.D
 Acq: 15 Sep 2023 10:26 am

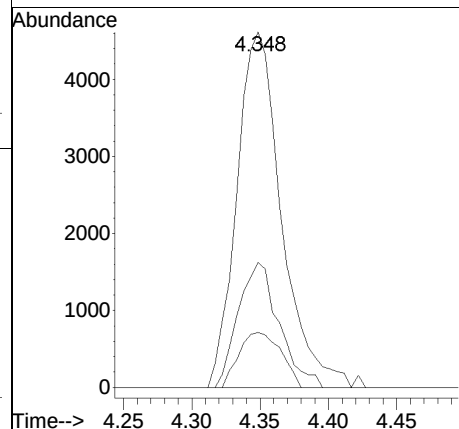
Tgt	Ion: 96	Resp:	458
Ion	Ratio	Lower	Upper
96	100		
61	94.1	113.6	236.0#
98	0.0	40.8	84.8#
63	0.0	36.5	75.7#

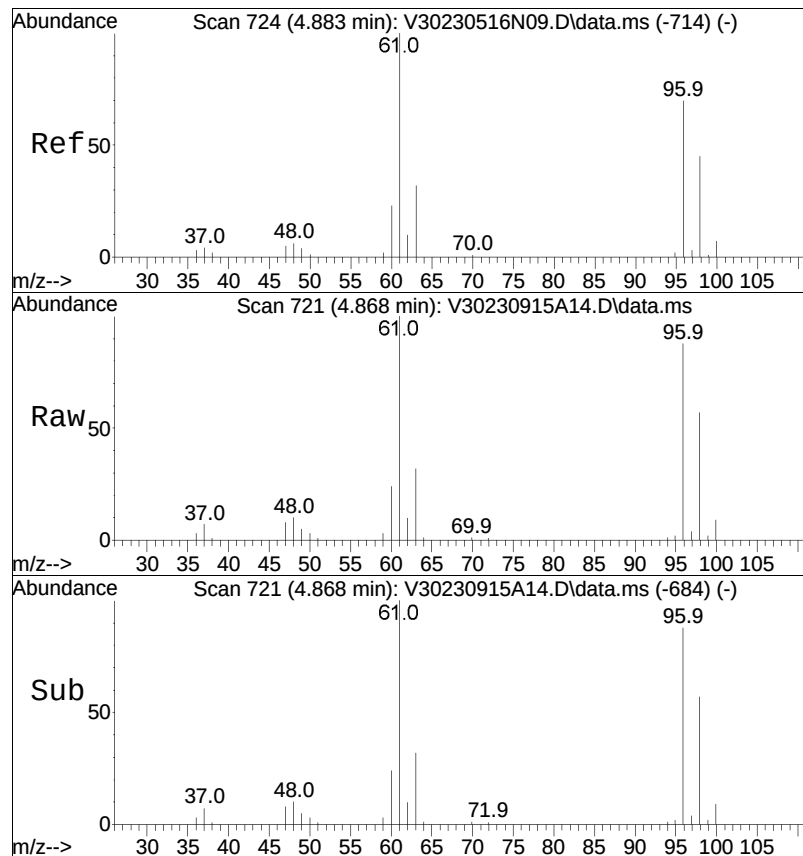




#25
 1,1-Dichloroethane
 Concen: 2.08 ug/L
 RT: 4.348 min Scan# 622
 Delta R.T. 0.000 min
 Lab File: V30230915A14.D
 Acq: 15 Sep 2023 10:26 am

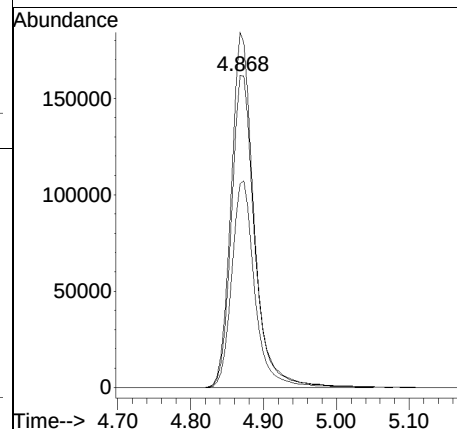
Tgt Ion:	63	65	83	Resp:	10543	Lower	Upper
Ion Ratio	100	31.9	14.5				
		24.5	8.9				
		36.7	13.3				





#30
 cis-1,2-Dichloroethene
 Concen: 108.55 ug/L
 RT: 4.868 min Scan# 721
 Delta R.T. -0.005 min
 Lab File: V30230915A14.D
 Acq: 15 Sep 2023 10:26 am

Tgt Ion	Ratio	Lower	Upper
96	100		
61	111.9	129.3	193.9#
98	65.4	51.4	77.2



Manual Integration Report

Data Path : K:\V0A130\2023\230915A\ QMethod : V130_230913A_8260D.m
Data File : V30230915A14.D Operator : V0A130:LAC
Date Inj'd : 9/15/2023 10:26 am Instrument : V0A130
Sample : L2353445-05D,31,0.5,10,,A,Quant Date : 9/15/2023 4:39 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A15.D
 Acq On : 15 Sep 2023 10:48 am
 Operator : VOA130:LAC
 Sample : L2353445-06D, 31, 0.1, 10,, A, R3E
 Misc : WG1828105, ICAL20364
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 15 16:58:04 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	155829	10.000	ug/L	# 0.00
Standard Area 1 = 196480			Recovery	=	79.31%	
63) Chlorobenzene-d5	9.691	117	145510	10.000	ug/L	# 0.00
Standard Area 1 = 172891			Recovery	=	84.16%	
84) 1,4-Dichlorobenzene-d4	12.365	152	82164	10.000	ug/L	0.00
Standard Area 1 = 103140			Recovery	=	79.66%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	49717	10.170	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.70%	
47) 1,2-Dichloroethane-d4	5.848	65	50088	10.216	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.16%	
64) Toluene-d8	7.840	98	184596	10.209	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.09%	
88) 4-Bromofluorobenzene	11.165	95	63399	10.325	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.25%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.	d	
4) Vinyl chloride	1.952	62	101824	26.696	ug/L	98
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	2.351	64	50	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.048	96	579	0.225	ug/L #	60
11) Carbon disulfide	3.074	76	602	0.084	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.599	84	55	N.D.		
17) Acetone	3.641	43	1404	2.145	ug/L #	78
18) trans-1,2-Dichloroethene	3.761	96	568	0.198	ug/L #	76
19) Methyl acetate	0.000		0	N.D.	d	
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	4.343	63	4199	0.843	ug/L	99
30) cis-1,2-Dichloroethene	4.873	96	288021	87.934	ug/L #	73
33) Bromochloromethane	0.000		0	N.D.		
34) Cyclohexane	0.000		0	N.D.		
35) Chloroform	0.000		0	N.D.		
37) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A15.D
 Acq On : 15 Sep 2023 10:48 am
 Operator : VOA130:LAC
 Sample : L2353445-06D, 31, 0.1, 10, , A, R3E
 Misc : WG1828105, ICAL20364
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 15 16:58:04 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40)	1,1,1-Trichloroethane	5.350	97	52		N.D.	
42)	2-Butanone	0.000		0		N.D.	
45)	Benzene	0.000		0		N.D.	
48)	1,2-Dichloroethane	0.000		0		N.D.	
51)	Methylcyclohexane	0.000		0		N.D.	
52)	Trichloroethene	0.000		0		N.D.	
55)	1,2-Dichloropropane	0.000		0		N.D.	
58)	Bromodichloromethane	0.000		0		N.D.	
61)	1,4-Dioxane	0.000		0		N.D.	
62)	cis-1,3-Dichloropropene	0.000		0		N.D.	
65)	Toluene	0.000		0		N.D.	
66)	4-Methyl-2-pentanone	0.000		0		N.D.	
67)	Tetrachloroethene	0.000		0		N.D.	
69)	trans-1,3-Dichloropropene	0.000		0		N.D.	
72)	1,1,2-Trichloroethane	0.000		0		N.D.	
73)	Chlorodibromomethane	0.000		0		N.D.	
75)	1,2-Dibromoethane	0.000		0		N.D.	
77)	2-Hexanone	0.000		0		N.D.	
78)	Chlorobenzene	0.000		0		N.D.	
79)	Ethylbenzene	9.691	91	101		N.D.	
81)	p/m Xylene	0.000		0		N.D.	
82)	o Xylene	0.000		0		N.D.	
83)	Styrene	0.000		0		N.D.	
85)	Bromoform	0.000		0		N.D.	
87)	Isopropylbenzene	0.000		0		N.D.	
90)	n-Propylbenzene	11.165	91	324		N.D.	
92)	1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
95)	1,3,5-Trimethylbenzene	0.000		0		N.D.	
99)	tert-Butylbenzene	0.000		0		N.D.	
102)	1,2,4-Trimethylbenzene	0.000		0		N.D.	
103)	sec-Butylbenzene	0.000		0		N.D.	
104)	p-Isopropyltoluene	0.000		0		N.D.	
105)	1,3-Dichlorobenzene	0.000		0		N.D.	
106)	1,4-Dichlorobenzene	0.000		0		N.D.	
108)	n-Butylbenzene	0.000		0		N.D.	
109)	1,2-Dichlorobenzene	0.000		0		N.D.	
111)	1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
114)	1,2,4-Trichlorobenzene	0.000		0		N.D.	
115)	Naphthalene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A15.D
 Acq On : 15 Sep 2023 10:48 am
 Operator : VOA130:LAC
 Sample : L2353445-06D,31,0.1,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 15 16:58:04 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

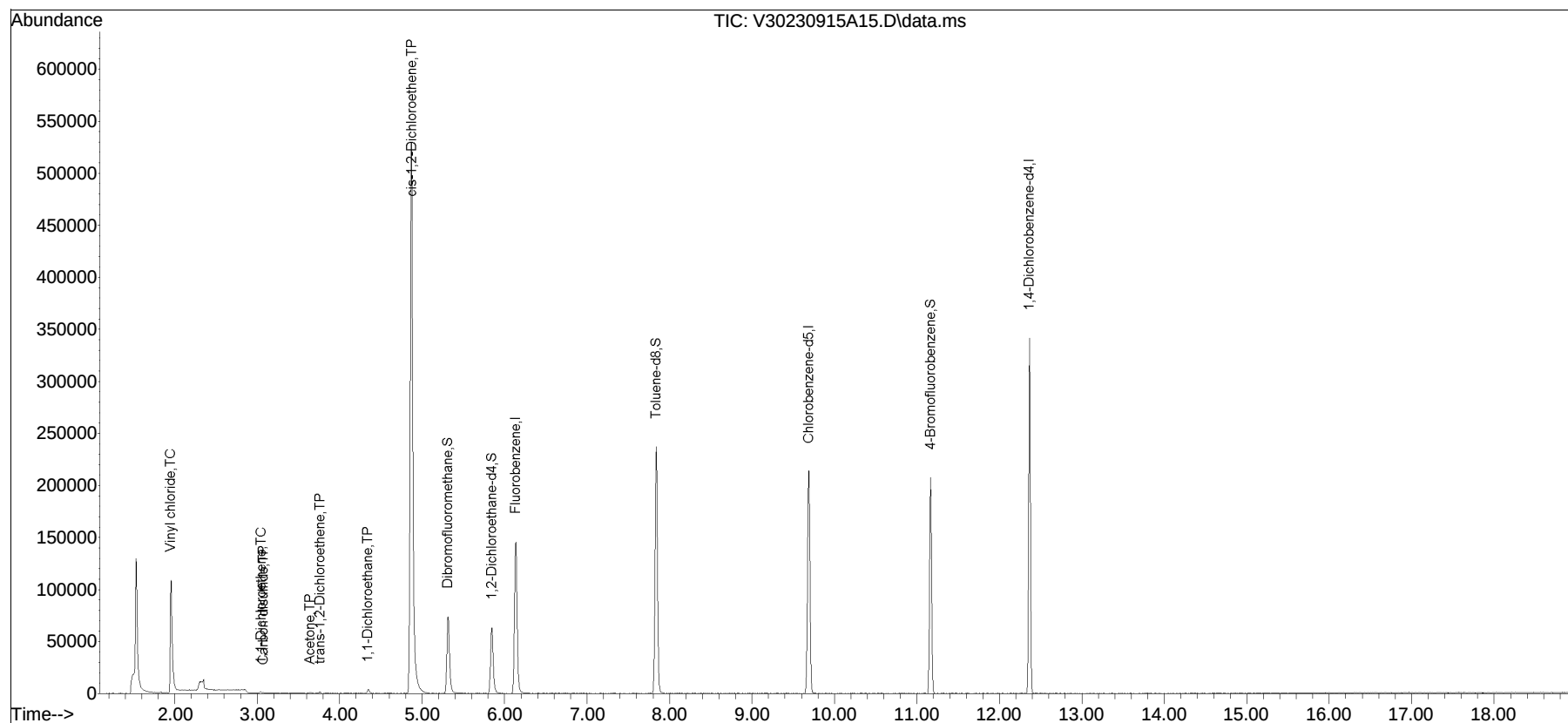
(#) = qualifier out of range (m) = manual integration (+) = signals summed

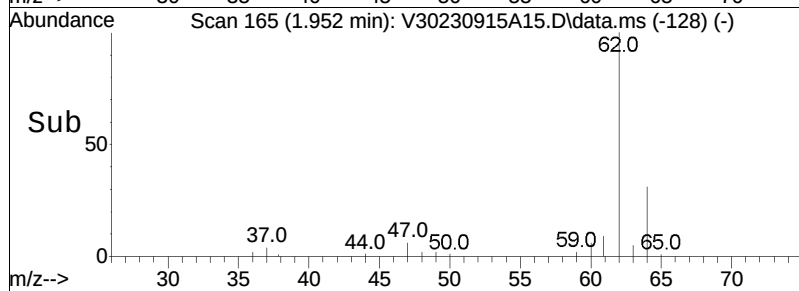
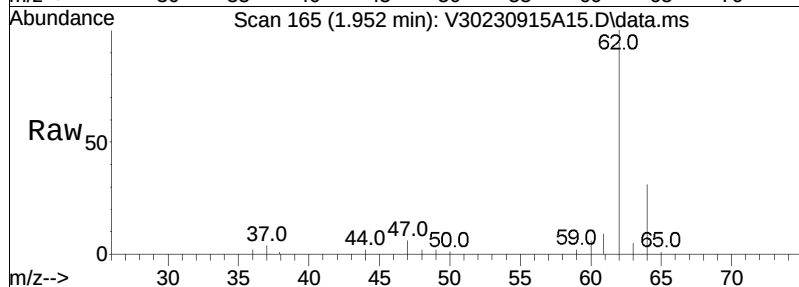
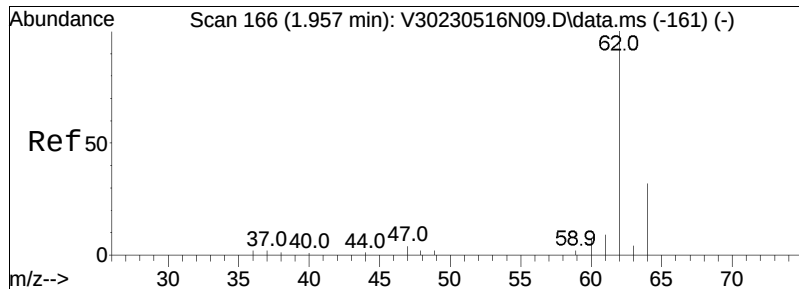
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A15.D
 Acq On : 15 Sep 2023 10:48 am
 Operator : VOA130:LAC
 Sample : L2353445-06D,31,0.1,10,,A,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 15 16:58:04 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0915A01.D•





#4

Vinyl chloride

Concen: 26.70 ug/L

RT: 1.952 min Scan# 165

Delta R.T. -0.005 min

Lab File: V30230915A15.D

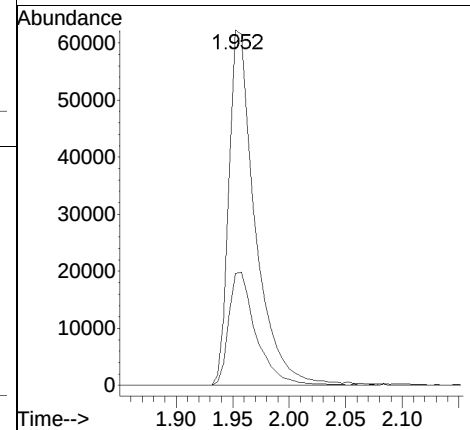
Acq: 15 Sep 2023 10:48 am

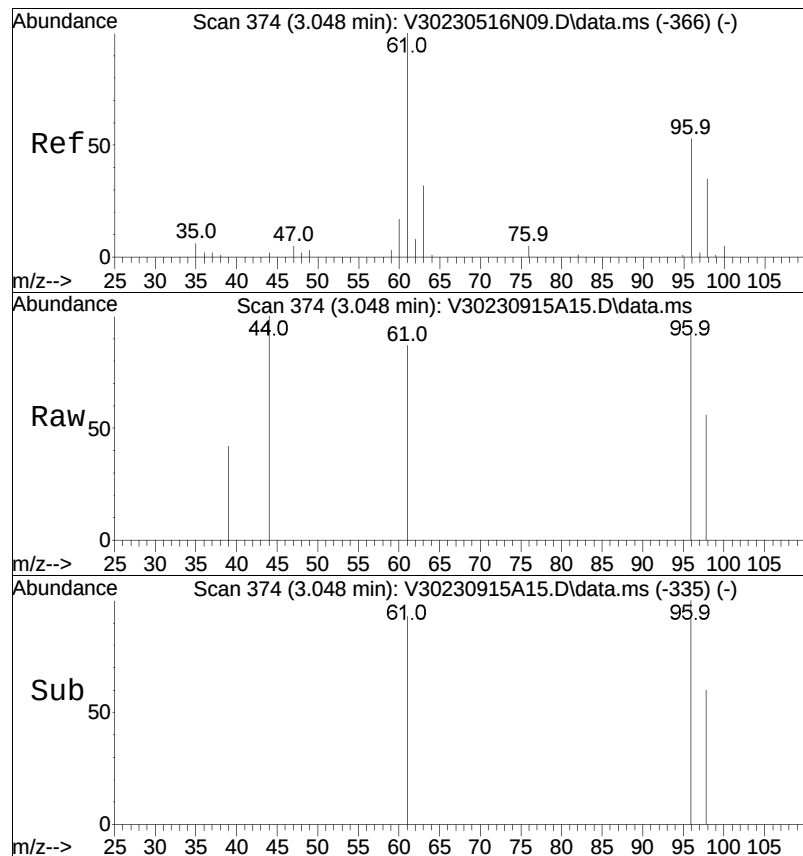
Tgt Ion: 62 Resp: 101824

Ion Ratio Lower Upper

62 100

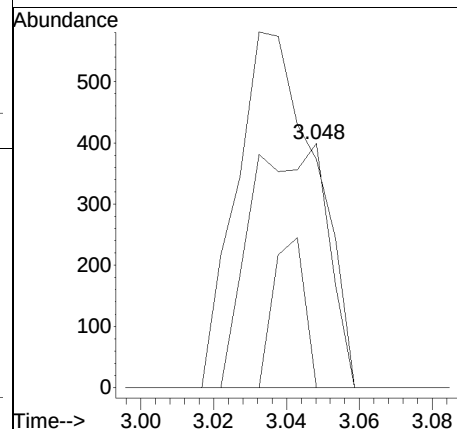
64 33.0 25.7 38.5

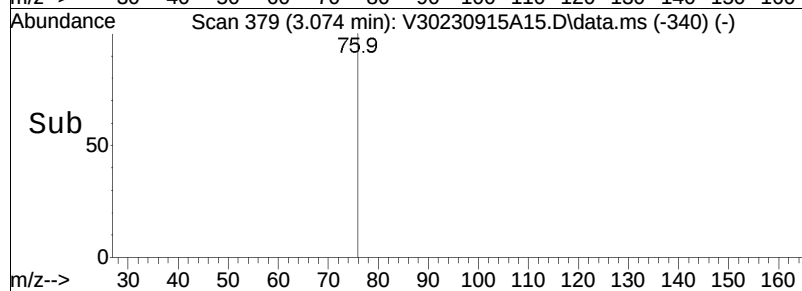
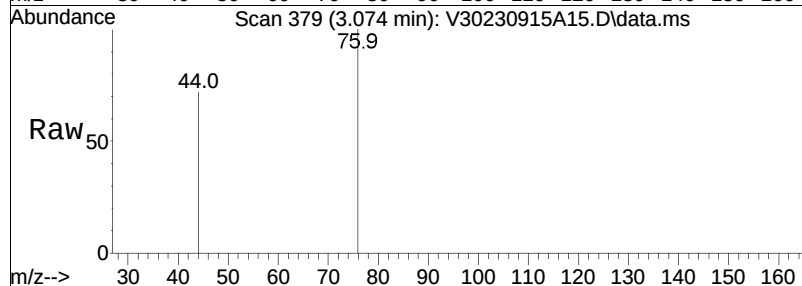
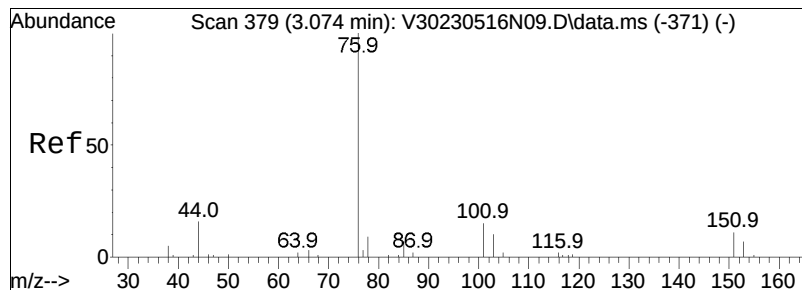




#10
 1,1-Dichloroethene
 Concen: 0.22 ug/L
 RT: 3.048 min Scan# 374
 Delta R.T. 0.005 min
 Lab File: V30230915A15.D
 Acq: 15 Sep 2023 10:48 am

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.1	165.5	248.3#
63	25.0	51.9	77.9#





#11

Carbon disulfide

Concen: 0.08 ug/L

RT: 3.074 min Scan# 379

Delta R.T. 0.005 min

Lab File: V30230915A15.D

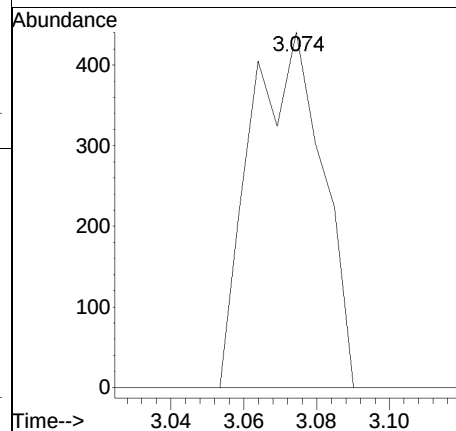
Acq: 15 Sep 2023 10:48 am

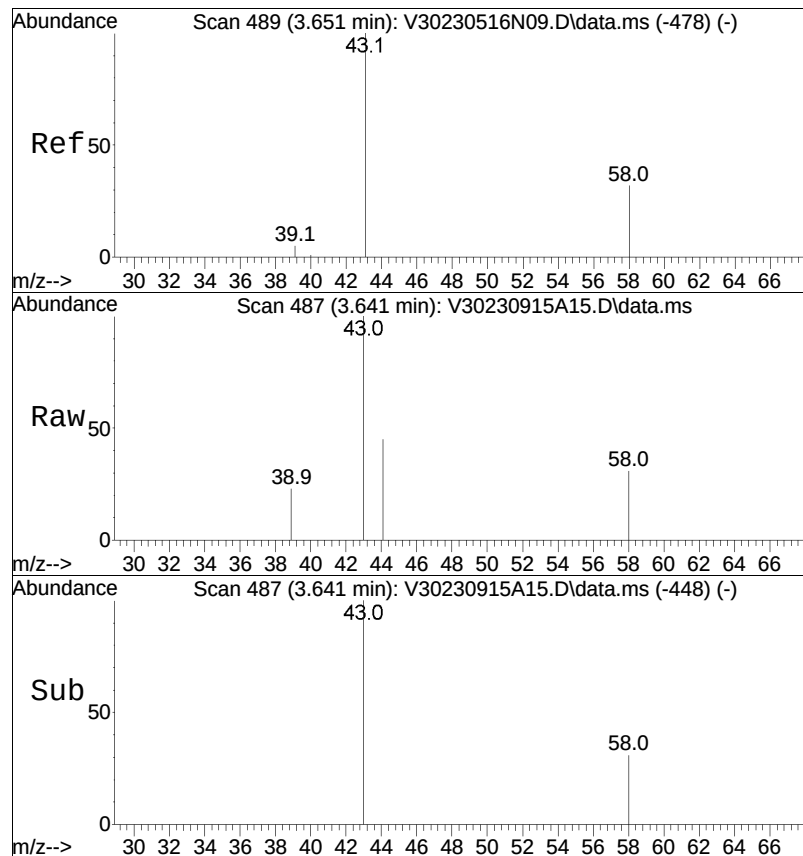
Tgt Ion: 76 Resp: 602

Ion Ratio Lower Upper

76 100

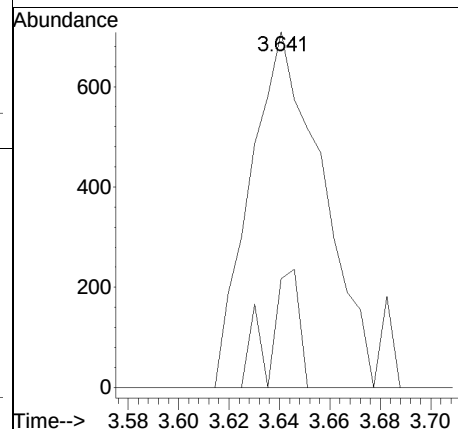
78 0.0 6.4 13.4#

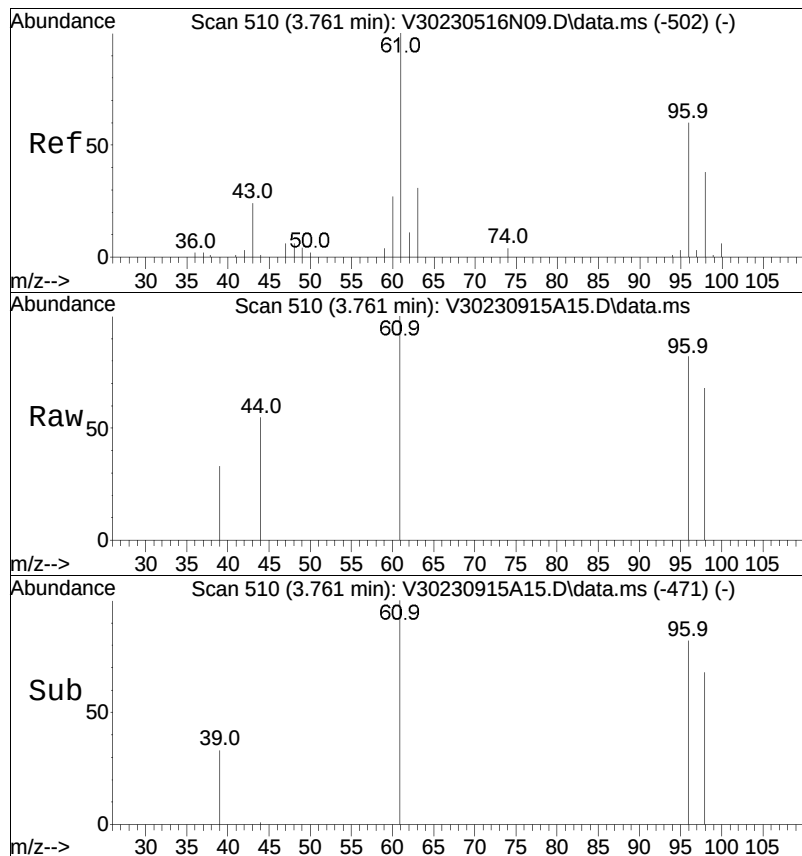




#17
 Acetone
 Concen: 2.14 ug/L
 RT: 3.641 min Scan# 487
 Delta R.T. 0.006 min
 Lab File: V30230915A15.D
 Acq: 15 Sep 2023 10:48 am

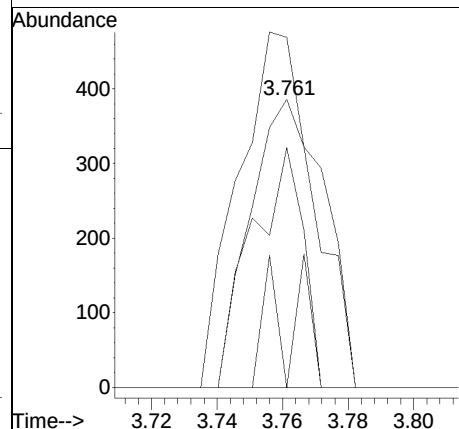
Tgt Ion	Ratio	Lower	Upper
43	100		
58	13.9	20.1	30.1#

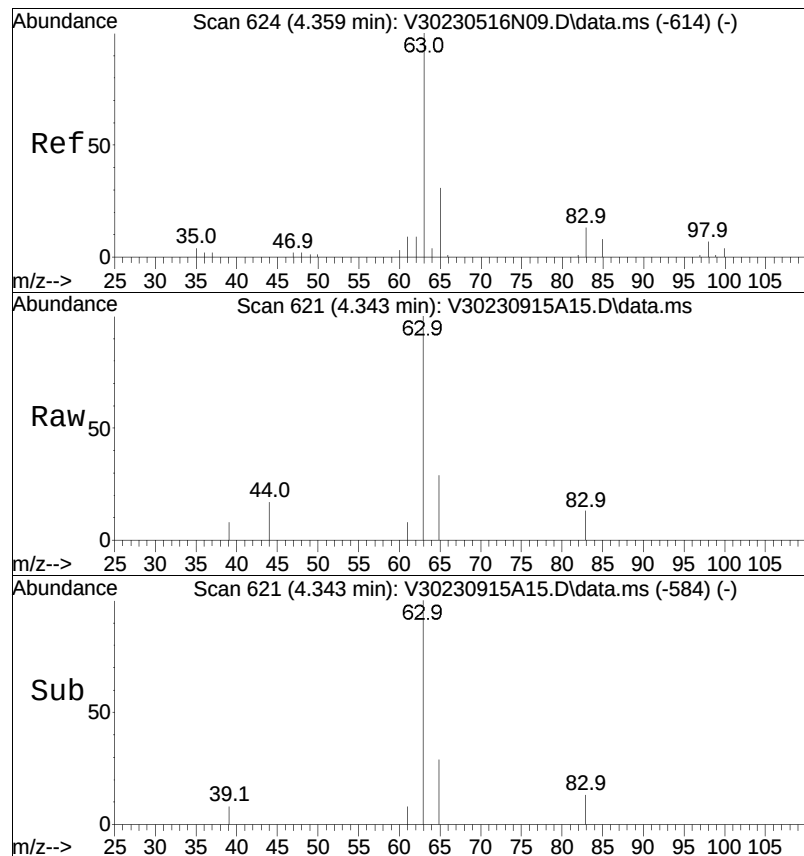




#18
 trans-1,2-Dichloroethene
 Concen: 0.20 ug/L
 RT: 3.761 min Scan# 510
 Delta R.T. 0.005 min
 Lab File: V30230915A15.D
 Acq: 15 Sep 2023 10:48 am

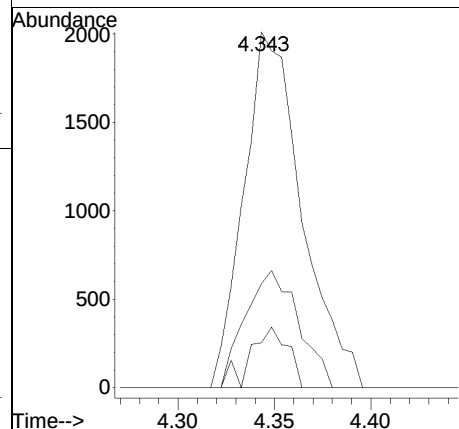
Tgt	Ion: 96	Resp:	568
Ion	Ratio	Lower	Upper
96	100		
61	140.5	113.6	236.0
98	61.8	40.8	84.8
63	19.7	36.5	75.7#

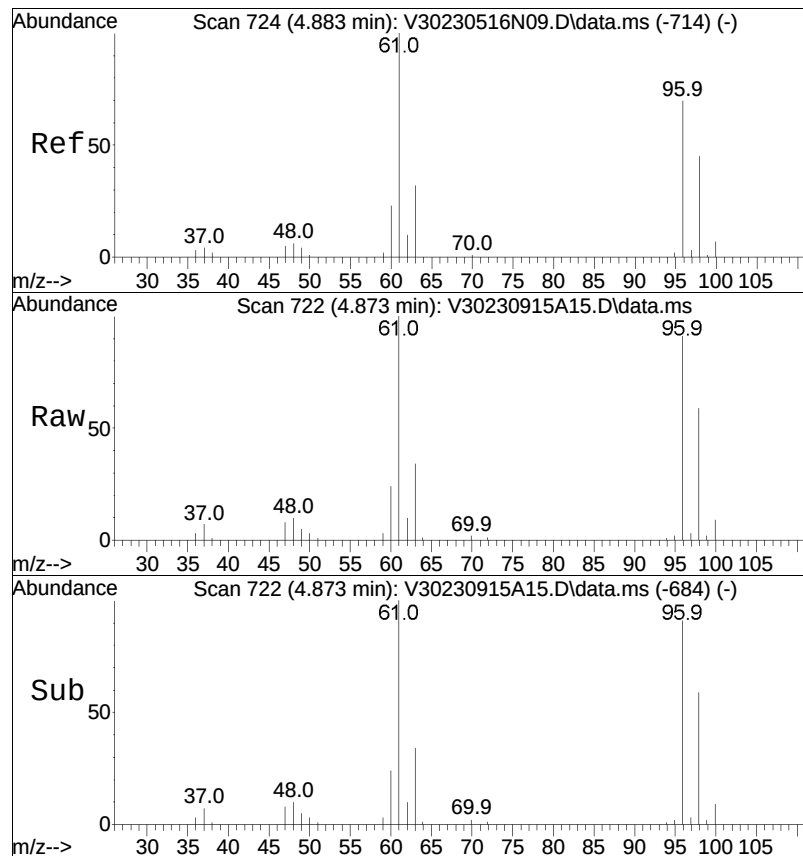




#25
 1,1-Dichloroethane
 Concen: 0.84 ug/L
 RT: 4.343 min Scan# 621
 Delta R.T. -0.005 min
 Lab File: V30230915A15.D
 Acq: 15 Sep 2023 10:48 am

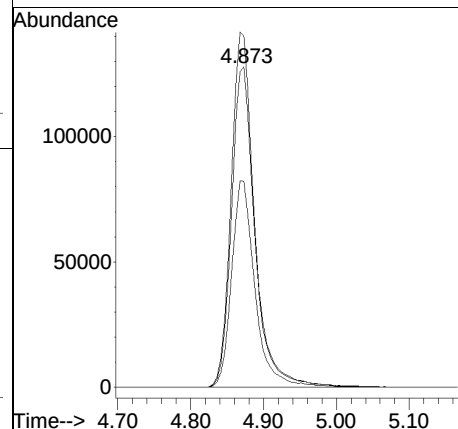
Tgt Ion:	63	Resp:	4199
Ion Ratio	Lower	Upper	
63	100		
65	30.2	24.5	36.7
83	11.0	8.9	13.3





#30
 cis-1,2-Dichloroethene
 Concen: 87.93 ug/L
 RT: 4.873 min Scan# 722
 Delta R.T. 0.000 min
 Lab File: V30230915A15.D
 Acq: 15 Sep 2023 10:48 am

Tgt Ion: 96	Resp: 288021
Ion Ratio	Lower Upper
96 100	
61 111.0	129.3 193.9#
98 64.4	51.4 77.2



Manual Integration Report

Data Path : K:\V0A130\2023\230915A\ QMethod : V130_230913A_8260D.m
Data File : V30230915A15.D Operator : V0A130:LAC
Date Inj'd : 9/15/2023 10:48 am Instrument : V0A130
Sample : L2353445-06D,31,0.1,10,,A,Quant Date : 9/15/2023 4:39 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A25.D
 Acq On : 16 Sep 2023 09:44 pm
 Operator : VOA130:MKS
 Sample : L2353445-07D, 31, 0.2, 10,, C, R3E
 Misc : WG1828105, ICAL20364
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 18 10:05:36 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	147438	10.000	ug/L	# 0.00
Standard Area 1 = 187984			Recovery =	78.43%		
63) Chlorobenzene-d5	9.691	117	137245	10.000	ug/L	# 0.00
Standard Area 1 = 163848			Recovery =	83.76%		
84) 1,4-Dichlorobenzene-d4	12.365	152	76679	10.000	ug/L	0.00
Standard Area 1 = 96294			Recovery =	79.63%		
System Monitoring Compounds						
39) Dibromofluoromethane	5.318	113	46448	10.042	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.42%		
47) 1,2-Dichloroethane-d4	5.848	65	45147	9.733	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.33%		
64) Toluene-d8	7.840	98	174857	10.253	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.53%		
88) 4-Bromofluorobenzene	11.164	95	58766	10.255	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.55%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.962	50	175	N.D.		
4) Vinyl chloride	1.957	62	41165	11.407	ug/L	99
5) Bromomethane	2.287	94	55	N.D.		
6) Chloroethane	0.000		0	N.D. d		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.042	96	584	0.240	ug/L #	62
11) Carbon disulfide	3.074	76	260	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.640	43	198	Below Cal	#	50
18) trans-1,2-Dichloroethene	3.761	96	585	0.215	ug/L #	57
19) Methyl acetate	0.000		0	N.D. d		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	4.348	63	5298	1.124	ug/L	99
30) cis-1,2-Dichloroethene	4.872	96	368565	118.928	ug/L #	73
33) Bromochloromethane	0.000		0	N.D.		
34) Cyclohexane	0.000		0	N.D.		
35) Chloroform	0.000		0	N.D.		
37) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A25.D
 Acq On : 16 Sep 2023 09:44 pm
 Operator : VOA130:MKS
 Sample : L2353445-07D, 31, 0.2, 10, , C, R3E
 Misc : WG1828105, ICAL20364
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 18 10:05:36 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,1,1-Trichloroethane	0.000		0		N.D.	
42) 2-Butanone	0.000		0		N.D.	
45) Benzene	0.000		0		N.D.	
48) 1,2-Dichloroethane	0.000		0		N.D.	
51) Methylcyclohexane	0.000		0		N.D.	
52) Trichloroethene	0.000		0		N.D.	
55) 1,2-Dichloropropane	0.000		0		N.D.	
58) Bromodichloromethane	0.000		0		N.D.	
61) 1,4-Dioxane	0.000		0		N.D.	
62) cis-1,3-Dichloropropene	0.000		0		N.D.	
65) Toluene	0.000		0		N.D.	
66) 4-Methyl-2-pentanone	0.000		0		N.D.	
67) Tetrachloroethene	0.000		0		N.D.	
69) trans-1,3-Dichloropropene	0.000		0		N.D.	
72) 1,1,2-Trichloroethane	0.000		0		N.D.	
73) Chlorodibromomethane	0.000		0		N.D.	
75) 1,2-Dibromoethane	0.000		0		N.D.	
77) 2-Hexanone	0.000		0		N.D.	
78) Chlorobenzene	0.000		0		N.D.	
79) Ethylbenzene	9.691	91	282		N.D.	
81) p/m Xylene	0.000		0		N.D.	
82) o Xylene	0.000		0		N.D.	
83) Styrene	0.000		0		N.D.	
85) Bromoform	0.000		0		N.D.	
87) Isopropylbenzene	0.000		0		N.D.	
90) n-Propylbenzene	11.321	91	52		N.D.	
92) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
95) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
99) tert-Butylbenzene	0.000		0		N.D.	
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	0.000		0		N.D.	
106) 1,4-Dichlorobenzene	0.000		0		N.D.	
108) n-Butylbenzene	0.000		0		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A25.D
 Acq On : 16 Sep 2023 09:44 pm
 Operator : VOA130:MKS
 Sample : L2353445-07D, 31, 0.2, 10, , C, R3E
 Misc : WG1828105, ICAL20364
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 18 10:05:36 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

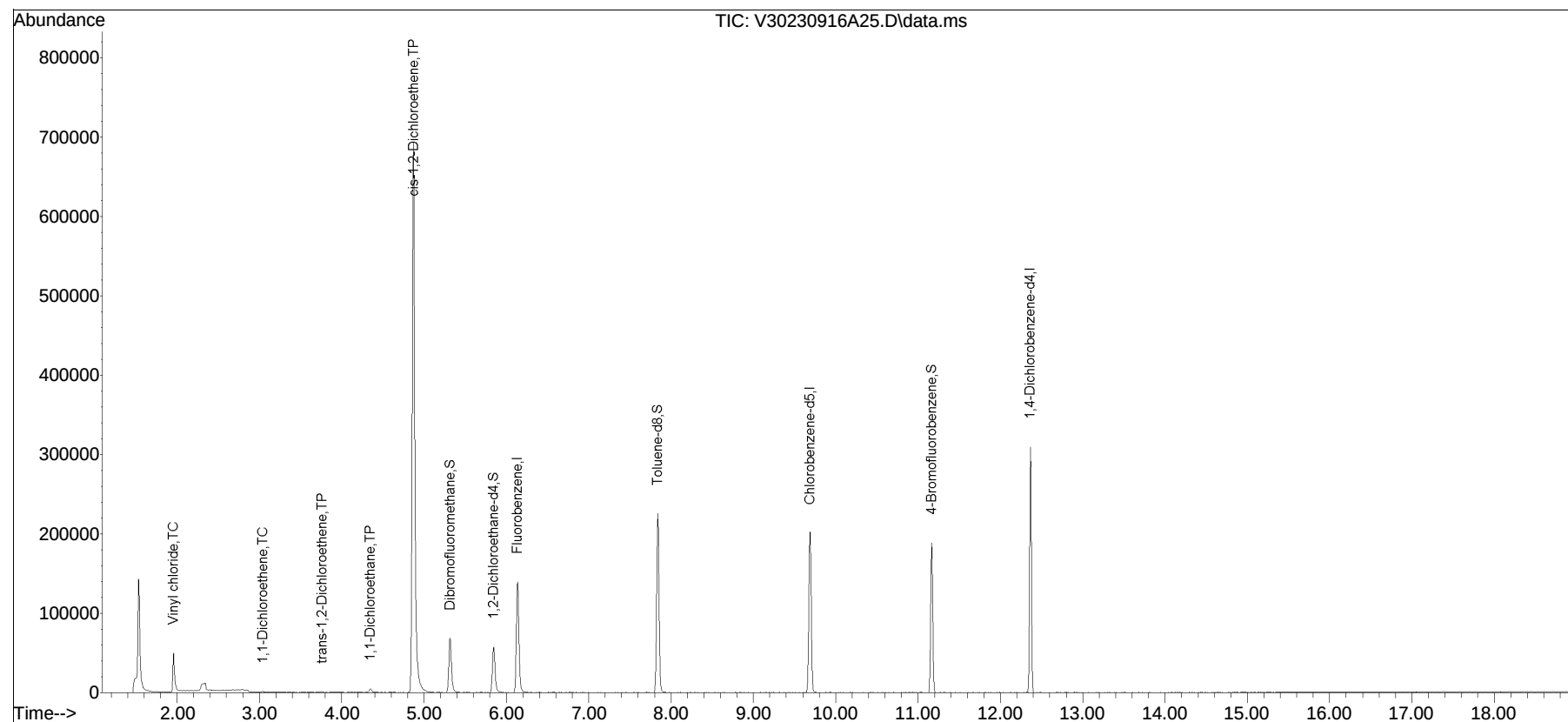
(#) = qualifier out of range (m) = manual integration (+) = signals summed

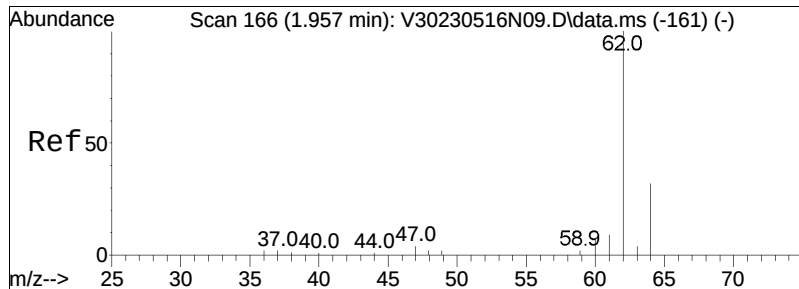
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A25.D
 Acq On : 16 Sep 2023 09:44 pm
 Operator : VOA130:MKS
 Sample : L2353445-07D, 31, 0.2, 10, , C, R3E
 Misc : WG1828105, ICAL20364
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 18 10:05:36 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox230916A01.D•





#4

Vinyl chloride

Concen: 11.41 ug/L

RT: 1.957 min Scan# 166

Delta R.T. 0.000 min

Lab File: V30230916A25.D

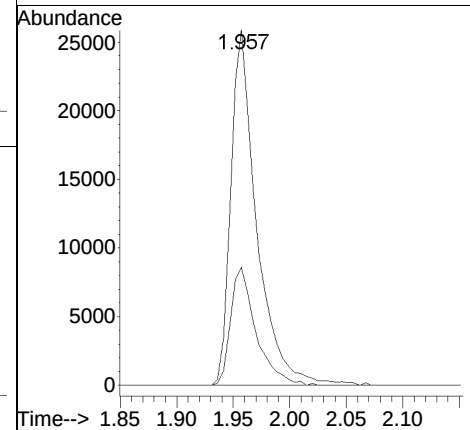
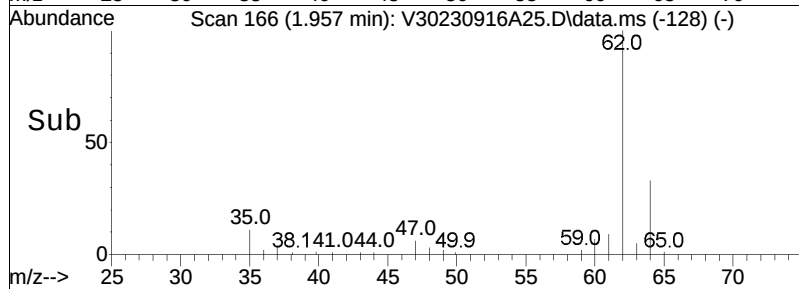
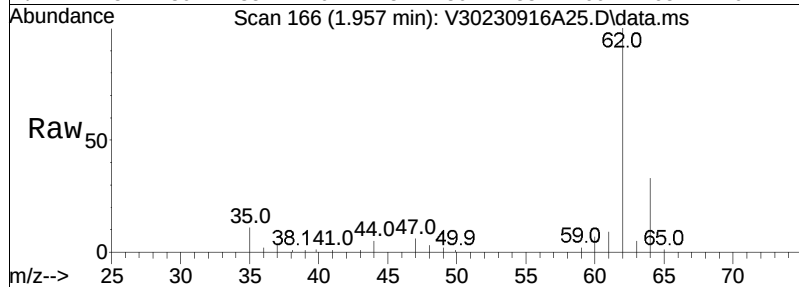
Acq: 16 Sep 2023 09:44 pm

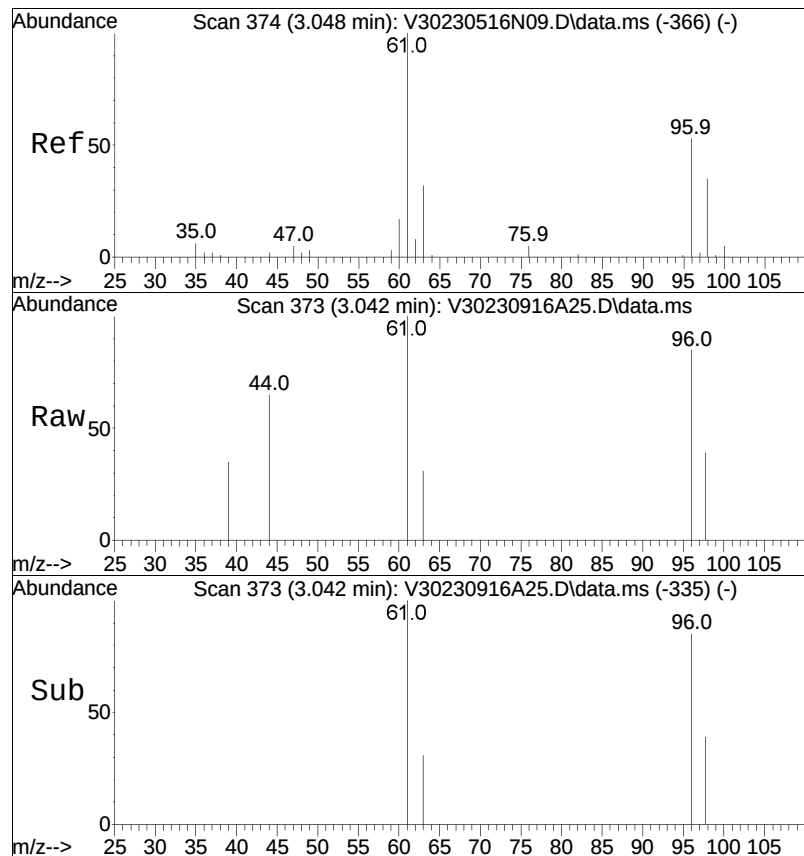
Tgt Ion: 62 Resp: 41165

Ion Ratio Lower Upper

62 100

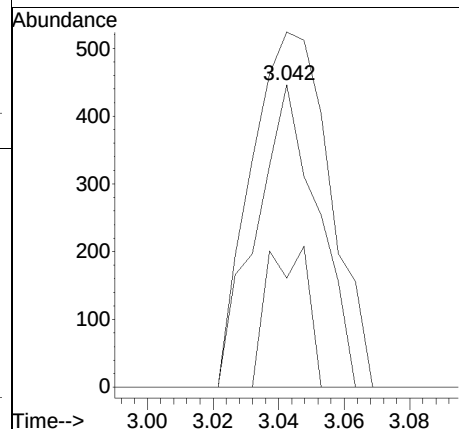
64 32.7 25.7 38.5

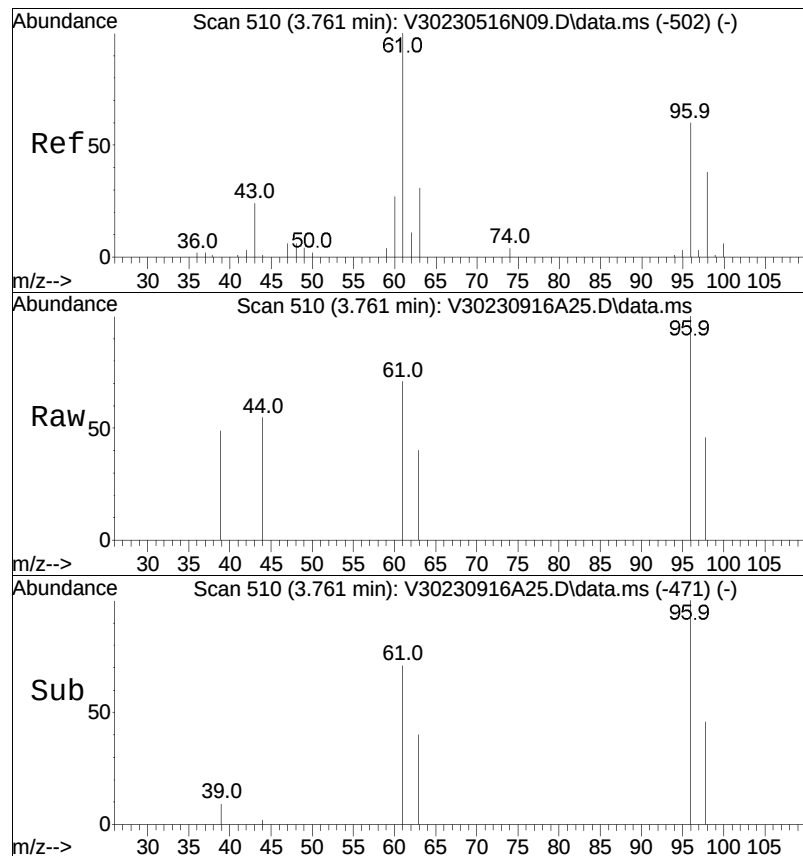




#10
 1,1-Dichloroethene
 Concen: 0.24 ug/L
 RT: 3.042 min Scan# 373
 Delta R.T. -0.001 min
 Lab File: V30230916A25.D
 Acq: 16 Sep 2023 09:44 pm

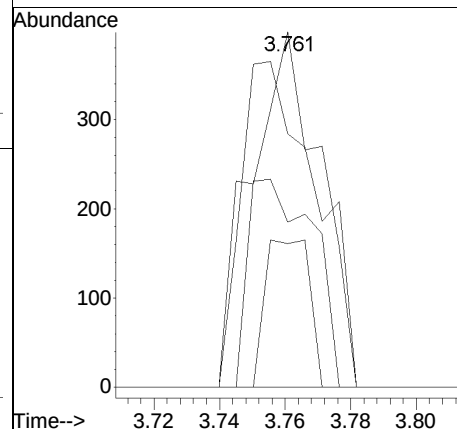
Tgt Ion: 96	Resp: 584
Ion Ratio	Lower Upper
96 100	
61 150.0	165.5 248.3#
63 30.7	51.9 77.9#

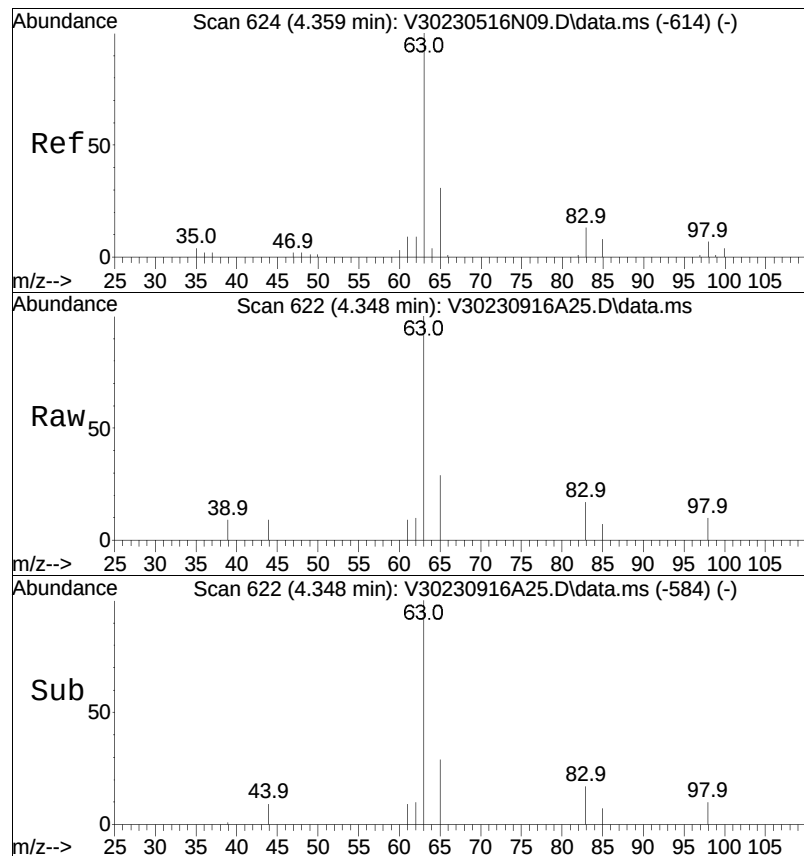




#18
 trans-1,2-Dichloroethene
 Concen: 0.22 ug/L
 RT: 3.761 min Scan# 510
 Delta R.T. 0.005 min
 Lab File: V30230916A25.D
 Acq: 16 Sep 2023 09:44 pm

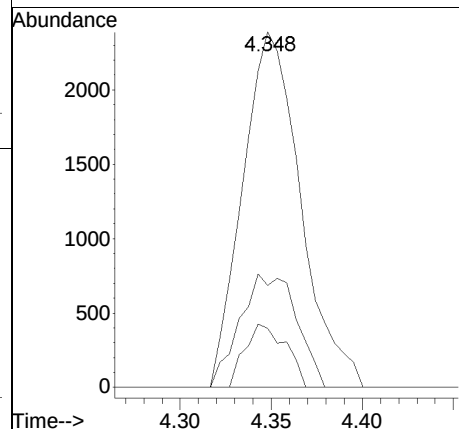
Tgt	Ion: 96	Resp:	585
Ion	Ratio	Lower	Upper
96	100		
61	98.8	113.6	236.0#
98	54.5	40.8	84.8
63	26.3	36.5	75.7#

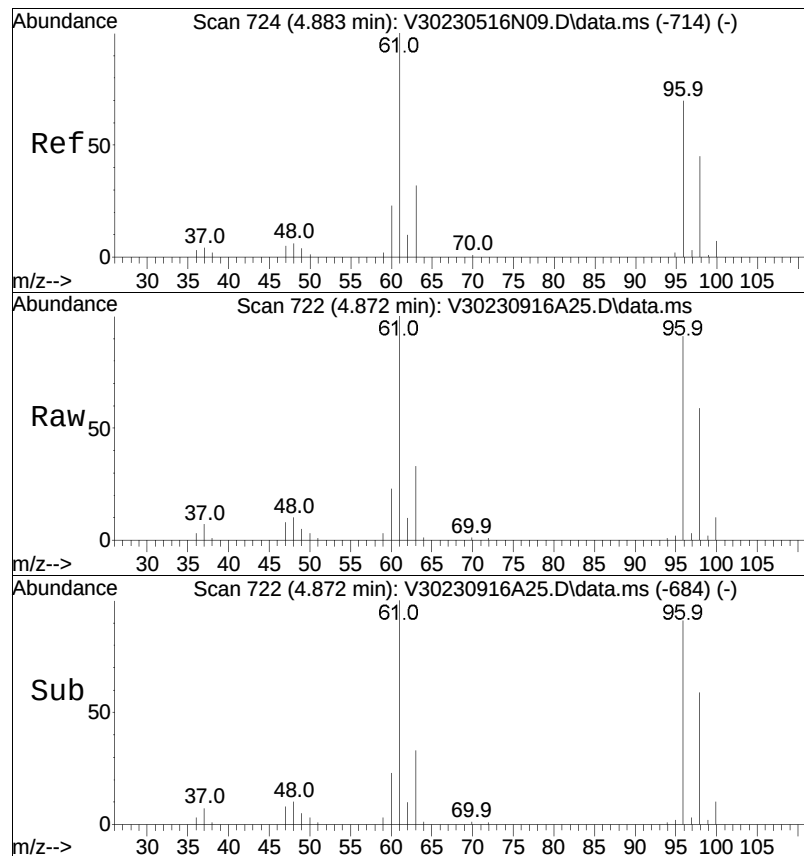




#25
 1,1-Dichloroethane
 Concen: 1.12 ug/L
 RT: 4.348 min Scan# 622
 Delta R.T. -0.000 min
 Lab File: V30230916A25.D
 Acq: 16 Sep 2023 09:44 pm

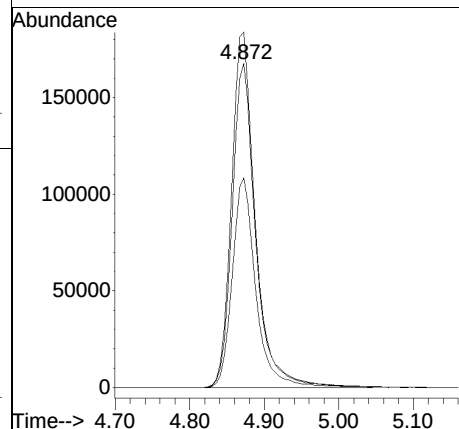
Tgt Ion:	63	Resp:	5298
Ion Ratio	Lower	Upper	
63	100		
65	30.9	24.5	36.7
83	12.5	8.9	13.3





#30
 cis-1,2-Dichloroethene
 Concen: 118.93 ug/L
 RT: 4.872 min Scan# 722
 Delta R.T. -0.000 min
 Lab File: V30230916A25.D
 Acq: 16 Sep 2023 09:44 pm

Tgt Ion:	96	Resp:	368565
Ion Ratio	Lower	Upper	
96	100		
61	111.2	129.3	193.9#
98	64.5	51.4	77.2



Manual Integration Report

Data Path : K:\V0A130\2023\230916A\ QMethod : V130_230913A_8260D.m
Data File : V30230916A25.D Operator : V0A130:MKS
Date Inj'd : 9/16/2023 9:44 pm Instrument : V0A130
Sample : L2353445-07D,31,0.2,10,,C,Quant Date : 9/18/2023 9:14 am

There are no manual integrations or false positives in this file.

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary

Form 6

Volatiles

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Instrument ID : VOA130
 Calibration dates : 09/13/23 16:17 09/13/23 19:56

Lab Number : L2353445
 Project Number : 2011-31
 Ical Ref : ICAL20364

Calibration Files

L11 =V30230913A03.D L1 =V30230913A05.D L2 =V30230913A07.D L3 =V30230913A09.D L4 =V30230913A10.D
 L6 =V30230913A11.D L8 =V30230913A12.D L10 =V30230913A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.206	0.259	0.270	0.260	0.281	0.257	0.250	0.255	9.33
3) TP Chloromethane		0.188	0.230	0.206	0.187	0.202	0.185	0.181	0.197	8.66
4) TC Vinyl chloride	0.197	0.210	0.288	0.268	0.245	0.269	0.243	0.239	0.245	12.46
5) TP Bromomethane		0.326	0.371	0.295	0.257	0.279	0.254	0.247	0.290	15.59
6) TP Chloroethane		0.196	0.227	0.194	0.181	0.193	0.175	0.172	0.191	9.60
7) TP Trichlorofluor		0.372	0.517	0.506	0.478	0.521	0.468	0.459	0.474	10.82
8) TP Ethyl ether		0.109	0.125	0.117	0.109	0.117	0.111	0.110	0.114	5.40
10) TC 1,1-Dichloroet		0.138	0.177	0.168	0.160	0.179	0.167	0.169	0.165	8.12
11) TP Carbon disulfide		0.461	0.503	0.446	0.422	0.471	0.444	0.455	0.457	5.54
12) TP Freon-113		0.115	0.185	0.184	0.179	0.198	0.184	0.188	0.176	15.57
13) TP Iodomethane		0.206	0.294	0.277	0.276	0.320	0.300	0.301	0.282	13.07
14) TP Acrolein			0.016	0.013	0.013	0.014	0.015	0.015	0.014	7.45
15) TP Methylene chlo		0.194	0.217	0.189	0.174	0.192	0.180	0.180	0.189	7.41
17) TP Acetone			0.045	0.031	0.027	0.028	0.028	0.028	*L	0.9995
18) TP trans-1,2-Dich		0.157	0.211	0.182	0.173	0.196	0.184	0.187	0.184	9.18
19) TP Methyl acetate			0.092	0.068	0.061	0.068	0.069	0.072	0.072	14.62
21) TP Methyl tert butyl ether		0.371	0.388	0.384	0.383	0.432	0.416	0.416	0.399	5.64
22) TP tert-Butyl alc		0.008	0.012	0.008	0.008	0.009	0.009	0.009	0.009#	12.76
24) TP Diisopropyl ether		0.432	0.518	0.456	0.433	0.495	0.462	0.465	0.466	6.74
25) TP 1,1-Dichloroet		0.263	0.381	0.330	0.304	0.337	0.311	0.312	0.320	11.26
26) TP Halothane		0.107	0.146	0.142	0.140	0.158	0.146	0.147	0.141	11.28
27) TP Acrylonitrile		0.023	0.037	0.033	0.033	0.035	0.035	0.035	0.033	14.01
28) TP Ethyl tert-but		0.437	0.480	0.441	0.432	0.497	0.474	0.486	0.464	5.67
29) TP Vinyl acetate			0.211	0.176	0.186	0.196	0.178	0.195	0.190	6.91
30) TP cis-1,2-Dichlo		0.181	0.246	0.212	0.199	0.222	0.205	0.206	0.210	9.59
31) TP 2,2-Dichloropr		0.237	0.310	0.278	0.269	0.299	0.274	0.271	0.277	8.45
33) TP Bromochloromet		0.088	0.108	0.101	0.096	0.108	0.102	0.104	0.101	6.85
34) TP Cyclohexane		0.186	0.264	0.272	0.274	0.309	0.285	0.285	0.268	14.48
35) TC Chloroform		0.310	0.401	0.345	0.320	0.353	0.328	0.328	0.341	8.90
36) TP Ethyl acetate			0.104	0.092	0.094	0.098	0.097	0.095	0.097	4.49
37) TP Carbon tetrachloride		0.187	0.253	0.256	0.261	0.294	0.271	0.270	0.256	13.05
38) TP Tetrahydrofuran			0.029	0.027	0.026	0.027	0.026	0.026	0.027	4.64
39) S Dibromofluoromethane	0.322	0.319	0.324	0.317	0.310	0.304	0.308	0.306	0.314	2.51
40) TP 1,1,1-Trichlor		0.232	0.322	0.312	0.300	0.329	0.300	0.296	0.299	10.59
42) TP 2-Butanone			0.049	0.043	0.039	0.041	0.041	0.041	0.042	8.64



Initial Calibration Summary

Form 6

Volatiles

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Instrument ID : VOA130
 Calibration dates : 09/13/23 16:17 09/13/23 19:56

Lab Number : L2353445
 Project Number : 2011-31
 Ical Ref : ICAL20364

Calibration Files

L11 =V30230913A03.D L1 =V30230913A05.D L2 =V30230913A07.D L3 =V30230913A09.D L4 =V30230913A10.D
 L6 =V30230913A11.D L8 =V30230913A12.D L10 =V30230913A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
43) TP 1,1-Dichloropr	0.174	0.234	0.233	0.239	0.272	0.249	0.247	0.235	12.86	
45) TP Benzene	0.598	0.591	0.751	0.677	0.662	0.759	0.701	0.704	0.681	9.18
46) TP Tertiary-Amyl Methyl Ether	0.436	0.474	0.426	0.419	0.469	0.449	0.454	0.446	4.68	
47) S 1,2-Dichloroethane-d4	0.320	0.308	0.301	0.311	0.306	0.303	0.328	0.340	0.315	4.35
48) TP 1,2-Dichloroet	0.234	0.244	0.225	0.216	0.236	0.222	0.222	0.228	4.29	
51) TP Methyl cyclohe	0.190	0.289	0.295	0.305	0.350	0.327	0.334	0.299	17.70	
52) TP Trichloroethene	0.155	0.164	0.207	0.200	0.203	0.238	0.226	0.228	0.203	14.83
54) TP Dibromomethane	0.101	0.119	0.109	0.106	0.115	0.109	0.109	0.110	5.42	
55) TC 1,2-Dichloropr	0.138	0.175	0.165	0.162	0.183	0.168	0.166	0.165	8.54	
57) TP 2-Chloroethyl	0.069	0.089	0.083	0.084	0.091	0.088	0.086	0.084	8.66	
58) TP Bromodichlorom	0.219	0.263	0.248	0.244	0.276	0.256	0.254	0.251#	7.13	
61) TP 1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	6.86	
62) TP cis-1,3-Dichloropropene	0.229	0.272	0.258	0.262	0.303	0.284	0.285	0.270#	8.78	
63) I Chlorobenzene-d5	-----ISTD-----									
64) S Toluene-d8	1.277	1.286	1.264	1.266	1.251	1.229	1.193	1.175	1.243	3.22
65) TC Toluene	0.442	0.567	0.496	0.484	0.548	0.499	0.502	0.505	8.17	
66) TP 4-Methyl-2-pen	0.043	0.041	0.041	0.043	0.041	0.040	0.041	3.52		
67) TP Tetrachloroethene	0.169	0.228	0.213	0.216	0.241	0.220	0.223	0.216	10.44	
69) TP trans-1,3-Dichloropropene	0.187	0.227	0.240	0.231	0.253	0.287	0.268	0.270	0.245#	12.80
71) TP Ethyl methacry	0.193	0.203	0.182	0.181	0.194	0.183	0.181	0.188	4.63	
72) TP 1,1,2-Trichlor	0.121	0.127	0.119	0.126	0.139	0.131	0.131	0.128#	5.23	
73) TP Chlorodibromom	0.143	0.169	0.168	0.185	0.215	0.201	0.201	0.183#	13.53	
74) TP 1,3-Dichloropr	0.224	0.254	0.238	0.244	0.271	0.252	0.248	0.247	5.90	
75) TP 1,2-Dibromoethane	0.133	0.158	0.147	0.154	0.171	0.160	0.157	0.154#	7.58	
77) TP 2-Hexanone	0.088	0.094	0.074	0.073	0.074	0.070	0.067	0.077	12.63	
78) T Chlorobenzene	0.528	0.640	0.573	0.556	0.621	0.567	0.572	0.580	6.64	
79) TC Ethylbenzene	0.755	0.878	1.082	0.979	0.976	1.119	1.021	1.015	0.978	11.84
80) T 1,1,1,2-Tetrac	0.165	0.194	0.191	0.197	0.237	0.218	0.220	0.203	11.65	
81) TP p/m Xylene	0.324	0.339	0.437	0.397	0.407	0.480	0.438	0.445	0.408	13.15
82) TP o Xylene	0.337	0.424	0.393	0.398	0.478	0.443	0.454	0.418	11.18	
83) TP Styrene	0.514	0.559	0.704	0.657	0.690	0.861	0.782	0.776	0.693	16.79
84) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
85) TP Bromoform	0.141	0.179	0.166	0.185	0.237	0.229	0.242	0.197	19.96	
87) TP Isopropylbenzene	1.372	1.832	1.658	1.585	1.799	1.623	1.620	1.641	9.24	
88) S 4-Bromofluorobenzene	0.802	0.793	0.783	0.764	0.742	0.712	0.695	0.687	0.747	6.04
89) TP Bromobenzene	0.419	0.482	0.416	0.384	0.423	0.384	0.397	0.415	8.14	



Initial Calibration Summary

Form 6

Volatiles

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Instrument ID : VOA130
 Calibration dates : 09/13/23 16:17 09/13/23 19:56

Lab Number : L2353445
 Project Number : 2011-31
 Ical Ref : ICAL20364

Calibration Files

L11 =V30230913A03.D L1 =V30230913A05.D L2 =V30230913A07.D L3 =V30230913A09.D L4 =V30230913A10.D
 L6 =V30230913A11.D L8 =V30230913A12.D L10 =V30230913A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
90) TP n-Propylbenzene	1.615	2.089	1.943	1.889	2.163	1.956	1.949	1.943	8.92	
91) TP 1,4-Dichlorobu	0.404	0.406	0.354	0.335	0.363	0.339	0.344	0.364	8.21	
92) TP 1,1,2,2-Tetrac	0.330	0.347	0.270	0.263	0.274	0.251	0.256	0.284	13.39	
93) TP 4-Ethyltoluene	1.384	1.865	1.684	1.629	1.832	1.657	1.649	1.671	9.42	
94) TP 2-Chlorotoluene	1.024	1.324	1.133	1.092	1.239	1.110	1.123	1.149	8.70	
95) TP 1,3,5-Trimethy	1.258	1.583	1.456	1.424	1.623	1.462	1.473	1.468	8.04	
96) TP 1,2,3-Trichlor	0.238	0.265	0.224	0.223	0.238	0.229	0.233	0.236	5.98	
97) TP trans-1,4-Dich	0.092	0.092	0.078	0.078	0.083	0.079	0.076	0.083	8.35	
98) TP 4-Chlorotoluene	1.095	1.326	1.184	1.158	1.281	1.151	1.156	1.193	6.78	
99) TP tert-Butylbenzene	0.953	1.290	1.212	1.169	1.326	1.207	1.211	1.195	10.04	
102) TP 1,2,4-Trimethy	1.260	1.580	1.429	1.404	1.626	1.469	1.456	1.461	8.21	
103) TP sec-Butylbenzene	1.351	1.869	1.755	1.755	2.028	1.824	1.785	1.767	11.67	
104) TP p-Isopropyltol	1.165	1.623	1.526	1.526	1.782	1.619	1.601	1.549	12.23	
105) TP 1,3-Dichlorobe	0.754	0.932	0.823	0.802	0.929	0.844	0.842	0.847	7.66	
106) TP 1,4-Dichlorobe	0.853	0.970	0.834	0.809	0.913	0.827	0.833	0.863	6.69	
107) TP p-Diethylbenzene	0.684	0.952	0.906	0.916	1.077	0.982	0.992	0.930	13.17	
108) TP n-Butylbenzene	0.967	1.351	1.287	1.320	1.555	1.396	1.354	1.319	13.46	
109) TP 1,2-Dichlorobe	0.790	0.919	0.787	0.763	0.851	0.774	0.776	0.808	7.02	
110) TP 1,2,4,5-Tetram	1.177	1.516	1.401	1.392	1.657	1.516	1.556	1.459	10.55	
111) TP 1,2-Dibromo-3-	0.042	0.055	0.047	0.047	0.052	0.050	0.049	0.049	8.60	
112) TP 1,3,5-Trichlor	0.486	0.685	0.577	0.558	0.638	0.574	0.592	0.587	10.67	
113) TP Hexachlorobuta	0.096	0.182	0.170	0.168	0.188	0.173	0.177	0.165	18.78	
114) TP 1,2,4-Trichlor	0.463	0.608	0.497	0.485	0.524	0.476	0.498	0.507	9.52	
115) TP Naphthalene	1.197	1.367	1.036	1.027	1.083	1.031	1.042	1.112	11.47	
116) TP 1,2,3-Trichlor	0.484	0.562	0.441	0.433	0.469	0.437	0.455	0.469	9.60	

Response Factor Report VOA130

Method Path : K:\VOA130\2023\230913ICAL\
 Method File : V130_230913A_8260D.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu Sep 14 12:06:27 2023
 Response Via : Initial Calibration

Calibration Files

L11 =V30230913A03.D L1 =V30230913A05.D L2 =V30230913A07.D L3 =V30230913A09.D L4 =V30230913A10.D
 L6 =V30230913A11.D L8 =V30230913A12.D L10 =V30230913A13.D

Compound		L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD

1) I	Fluorobenzene	-----ISTD-----									
2) TP	Dichlorodifluo...	0.206	0.259	0.270	0.260	0.281	0.257	0.250	0.255	9.33	
3) TP	Chloromethane	0.188	0.230	0.206	0.187	0.202	0.185	0.181	0.197	8.66	
4) TC	Vinyl chloride	0.197	0.210	0.288	0.268	0.245	0.269	0.243	0.239	0.245	12.46
5) TP	Bromomethane	0.326	0.371	0.295	0.257	0.279	0.254	0.247	0.290	15.59	
6) TP	Chloroethane	0.196	0.227	0.194	0.181	0.193	0.175	0.172	0.191	9.60	
7) TP	Trichlorofluor...	0.372	0.517	0.506	0.478	0.521	0.468	0.459	0.474	10.82	
8) TP	Ethyl ether	0.109	0.125	0.117	0.109	0.117	0.111	0.110	0.114	5.40	
10) TC	1,1-Dichloroet...	0.138	0.177	0.168	0.160	0.179	0.167	0.169	0.165	8.12	
11) TP	Carbon disulfide	0.461	0.503	0.446	0.422	0.471	0.444	0.455	0.457	5.54	
12) TP	Freon-113	0.115	0.185	0.184	0.179	0.198	0.184	0.188	0.176	15.57	
13) TP	Iodomethane	0.206	0.294	0.277	0.276	0.320	0.300	0.301	0.282	13.07	
14) TP	Acrolein		0.016	0.013	0.013	0.014	0.015	0.015	0.014	7.45	
15) TP	Methylene chlo...	0.194	0.217	0.189	0.174	0.192	0.180	0.180	0.189	7.41	
17) TP	Acetone		0.045	0.031	0.027	0.028	0.028	0.028	*L	0.9995	
18) TP	trans-1,2-Dich...	0.157	0.211	0.182	0.173	0.196	0.184	0.187	0.184	9.18	
19) TP	Methyl acetate		0.092	0.068	0.061	0.068	0.069	0.072	0.072	14.62	
21) TP	Methyl tert-bu...	0.371	0.388	0.384	0.383	0.432	0.416	0.416	0.399	5.64	
22) TP	tert-Butyl alc...	0.008	0.012	0.008	0.008	0.009	0.009	0.009	0.009#	12.76	
24) TP	Diisopropyl ether	0.432	0.518	0.456	0.433	0.495	0.462	0.465	0.466	6.74	
25) TP	1,1-Dichloroet...	0.263	0.381	0.330	0.304	0.337	0.311	0.312	0.320	11.26	
26) TP	Halothane	0.107	0.146	0.142	0.140	0.158	0.146	0.147	0.141	11.28	
27) TP	Acrylonitrile	0.023	0.037	0.033	0.033	0.035	0.035	0.035	0.033	14.01	
28) TP	Ethyl tert-but...	0.437	0.480	0.441	0.432	0.497	0.474	0.486	0.464	5.67	
29) TP	Vinyl acetate		0.211	0.176	0.186	0.196	0.178	0.195	0.190	6.91	
30) TP	cis-1,2-Dichlo...	0.181	0.246	0.212	0.199	0.222	0.205	0.206	0.210	9.59	
31) TP	2,2-Dichloropr...	0.237	0.310	0.278	0.269	0.299	0.274	0.271	0.277	8.45	
33) TP	Bromochloromet...	0.088	0.108	0.101	0.096	0.108	0.102	0.104	0.101	6.85	
34) TP	Cyclohexane	0.186	0.264	0.272	0.274	0.309	0.285	0.285	0.268	14.48	
35) TC	Chloroform	0.310	0.401	0.345	0.320	0.353	0.328	0.328	0.341	8.90	
36) TP	Ethyl acetate		0.104	0.092	0.094	0.098	0.097	0.095	0.097	4.49	

Response Factor Report VOA130

Method Path : K:\VOA130\2023\230913ICAL\
 Method File : V130_230913A_8260D.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu Sep 14 12:06:27 2023
 Response Via : Initial Calibration

Calibration Files

L11 =V30230913A03.D L1 =V30230913A05.D L2 =V30230913A07.D L3 =V30230913A09.D L4 =V30230913A10.D
 L6 =V30230913A11.D L8 =V30230913A12.D L10 =V30230913A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
37)	TP Carbon tetrach...	0.187	0.253	0.256	0.261	0.294	0.271	0.270	0.256	13.05	
38)	TP Tetrahydrofuran		0.029	0.027	0.026	0.027	0.026	0.026	0.027	4.64	
39)	S Dibromofluorom...	0.322	0.319	0.324	0.317	0.310	0.304	0.308	0.306	0.314	2.51
40)	TP 1,1,1-Trichlor...	0.232	0.322	0.312	0.300	0.329	0.300	0.296	0.299	10.59	
42)	TP 2-Butanone		0.049	0.043	0.039	0.041	0.041	0.041	0.042	8.64	
43)	TP 1,1-Dichloropr...	0.174	0.234	0.233	0.239	0.272	0.249	0.247	0.235	12.86	
45)	TP Benzene	0.598	0.591	0.751	0.677	0.662	0.759	0.701	0.704	0.681	9.18
46)	TP tert-Amyl meth...	0.436	0.474	0.426	0.419	0.469	0.449	0.454	0.446	4.68	
47)	S 1,2-Dichloroet...	0.320	0.308	0.301	0.311	0.306	0.303	0.328	0.340	0.315	4.35
48)	TP 1,2-Dichloroet...	0.234	0.244	0.225	0.216	0.236	0.222	0.222	0.228	4.29	
51)	TP Methyl cyclohe...	0.190	0.289	0.295	0.305	0.350	0.327	0.334	0.299	17.70	
52)	TP Trichloroethene	0.155	0.164	0.207	0.200	0.203	0.238	0.226	0.228	0.203	14.83
54)	TP Dibromomethane	0.101	0.119	0.109	0.106	0.115	0.109	0.109	0.110	5.42	
55)	TC 1,2-Dichloropr...	0.138	0.175	0.165	0.162	0.183	0.168	0.166	0.165	8.54	
57)	TP 2-Chloroethyl ...	0.069	0.089	0.083	0.084	0.091	0.088	0.086	0.084	8.66	
58)	TP Bromodichlorom...	0.219	0.263	0.248	0.244	0.276	0.256	0.254	0.251#	7.13	
61)	TP 1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	6.86	
62)	TP cis-1,3-Dichlo...	0.229	0.272	0.258	0.262	0.303	0.284	0.285	0.270#	8.78	
63)	I Chlorobenzene-d5	-----ISTD-----									
64)	S Toluene-d8	1.277	1.286	1.264	1.266	1.251	1.229	1.193	1.175	1.243	3.22
65)	TC Toluene	0.442	0.567	0.496	0.484	0.548	0.499	0.502	0.505	8.17	
66)	TP 4-Methyl-2-pen...		0.043	0.041	0.041	0.043	0.041	0.040	0.041	3.52	
67)	TP Tetrachloroethene	0.169	0.228	0.213	0.216	0.241	0.220	0.223	0.216	10.44	
69)	TP trans-1,3-Dich...	0.187	0.227	0.240	0.231	0.253	0.287	0.268	0.270	0.245#	12.80
71)	TP Ethyl methacry...	0.193	0.203	0.182	0.181	0.194	0.183	0.181	0.188	4.63	
72)	TP 1,1,2-Trichlor...	0.121	0.127	0.119	0.126	0.139	0.131	0.131	0.128#	5.23	
73)	TP Chlorodibromom...	0.143	0.169	0.168	0.185	0.215	0.201	0.201	0.183#	13.53	
74)	TP 1,3-Dichloropr...	0.224	0.254	0.238	0.244	0.271	0.252	0.248	0.247	5.90	
75)	TP 1,2-Dibromoethane	0.133	0.158	0.147	0.154	0.171	0.160	0.157	0.154#	7.58	
77)	TP 2-Hexanone	0.088	0.094	0.074	0.073	0.074	0.070	0.067	0.077	12.63	
78)	T Chlorobenzene	0.528	0.640	0.573	0.556	0.621	0.567	0.572	0.580	6.64	

Response Factor Report VOA130

Method Path : K:\VOA130\2023\230913ICAL\
 Method File : V130_230913A_8260D.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu Sep 14 12:06:27 2023
 Response Via : Initial Calibration

Calibration Files

L11 =V30230913A03.D L1 =V30230913A05.D L2 =V30230913A07.D L3 =V30230913A09.D L4 =V30230913A10.D
 L6 =V30230913A11.D L8 =V30230913A12.D L10 =V30230913A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
79)	TC Ethylbenzene	0.755	0.878	1.082	0.979	0.976	1.119	1.021	1.015	0.978	11.84
80)	T 1,1,1,2-Tetrac...	0.165	0.194	0.191	0.197	0.237	0.218	0.220	0.203		11.65
81)	TP p/m Xylene	0.324	0.339	0.437	0.397	0.407	0.480	0.438	0.445	0.408	13.15
82)	TP o Xylene	0.337	0.424	0.393	0.398	0.478	0.443	0.454	0.418		11.18
83)	TP Styrene	0.514	0.559	0.704	0.657	0.690	0.861	0.782	0.776	0.693	16.79
84)	I 1,4-Dichlorobenzene-d4	-----ISTD-----									
85)	TP Bromoform	0.141	0.179	0.166	0.185	0.237	0.229	0.242	0.197		19.96
87)	TP Isopropylbenzene	1.372	1.832	1.658	1.585	1.799	1.623	1.620	1.641		9.24
88)	S 4-Bromofluorob...	0.802	0.793	0.783	0.764	0.742	0.712	0.695	0.687	0.747	6.04
89)	TP Bromobenzene	0.419	0.482	0.416	0.384	0.423	0.384	0.397	0.415		8.14
90)	TP n-Propylbenzene	1.615	2.089	1.943	1.889	2.163	1.956	1.949	1.943		8.92
91)	TP 1,4-Dichlorobu...	0.404	0.406	0.354	0.335	0.363	0.339	0.344	0.364		8.21
92)	TP 1,1,2,2-Tetrac...	0.330	0.347	0.270	0.263	0.274	0.251	0.256	0.284		13.39
93)	TP 4-Ethyltoluene	1.384	1.865	1.684	1.629	1.832	1.657	1.649	1.671		9.42
94)	TP 2-Chlorotoluene	1.024	1.324	1.133	1.092	1.239	1.110	1.123	1.149		8.70
95)	TP 1,3,5-Trimethy...	1.258	1.583	1.456	1.424	1.623	1.462	1.473	1.468		8.04
96)	TP 1,2,3-Trichlor...	0.238	0.265	0.224	0.223	0.238	0.229	0.233	0.236		5.98
97)	TP trans-1,4-Dich...	0.092	0.092	0.078	0.078	0.083	0.079	0.076	0.083		8.35
98)	TP 4-Chlorotoluene	1.095	1.326	1.184	1.158	1.281	1.151	1.156	1.193		6.78
99)	TP tert-Butylbenzene	0.953	1.290	1.212	1.169	1.326	1.207	1.211	1.195		10.04
102)	TP 1,2,4-Trimethy...	1.260	1.580	1.429	1.404	1.626	1.469	1.456	1.461		8.21
103)	TP sec-Butylbenzene	1.351	1.869	1.755	1.755	2.028	1.824	1.785	1.767		11.67
104)	TP p-Isopropyltol...	1.165	1.623	1.526	1.526	1.782	1.619	1.601	1.549		12.23
105)	TP 1,3-Dichlorobe...	0.754	0.932	0.823	0.802	0.929	0.844	0.842	0.847		7.66
106)	TP 1,4-Dichlorobe...	0.853	0.970	0.834	0.809	0.913	0.827	0.833	0.863		6.69
107)	TP p-Diethylbenzene	0.684	0.952	0.906	0.916	1.077	0.982	0.992	0.930		13.17
108)	TP n-Butylbenzene	0.967	1.351	1.287	1.320	1.555	1.396	1.354	1.319		13.46
109)	TP 1,2-Dichlorobe...	0.790	0.919	0.787	0.763	0.851	0.774	0.776	0.808		7.02
110)	TP 1,2,4,5-Tetram...	1.177	1.516	1.401	1.392	1.657	1.516	1.556	1.459		10.55
111)	TP 1,2-Dibromo-3-...	0.042	0.055	0.047	0.047	0.052	0.050	0.049	0.049		8.60
112)	TP 1,3,5-Trichlor...	0.486	0.685	0.577	0.558	0.638	0.574	0.592	0.587		10.67

Response Factor Report VOA130

Method Path : K:\VOA130\2023\230913ICAL\
Method File : V130_230913A_8260D.m
Title : VOLATILES BY GC/MS
Last Update : Thu Sep 14 12:06:27 2023
Response Via : Initial Calibration

Calibration Files

L11 =V30230913A03.D L1 =V30230913A05.D L2 =V30230913A07.D L3 =V30230913A09.D L4 =V30230913A10.D
L6 =V30230913A11.D L8 =V30230913A12.D L10 =V30230913A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
113) TP Hexachlorobuta...	0.096	0.182	0.170	0.168	0.188	0.173	0.177	0.165	18.78	
114) TP 1,2,4-Trichlor...	0.463	0.608	0.497	0.485	0.524	0.476	0.498	0.507	9.52	
115) TP Naphthalene	1.197	1.367	1.036	1.027	1.083	1.031	1.042	1.112	11.47	
116) TP 1,2,3-Trichlor...	0.484	0.562	0.441	0.433	0.469	0.437	0.455	0.469	9.60	

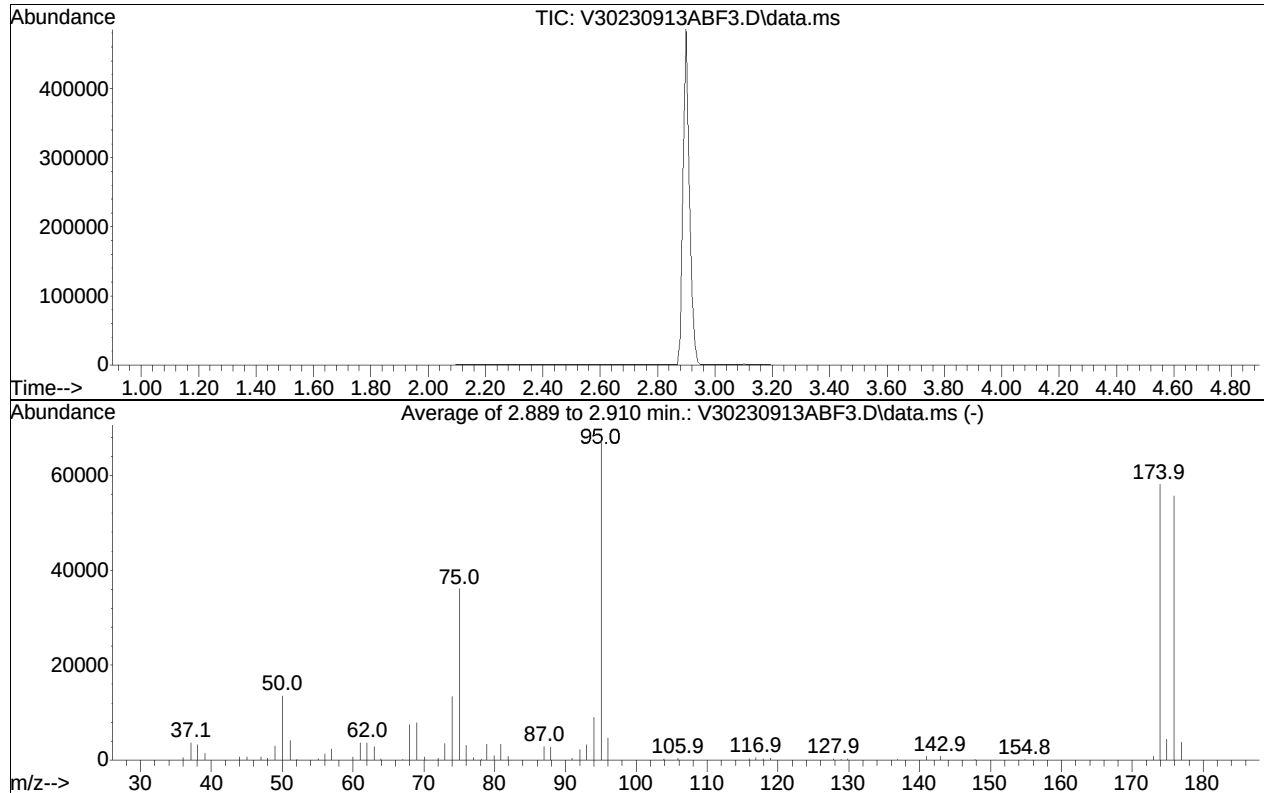
(#) = Out of Range

BFB

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913ABF3.D
 Acq On : 13 Sep 2023 03:16 pm
 Operator : VOA130:MAG
 Sample : WG1827534-1
 Misc : WG1827534
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu Sep 14 12:06:27 2023



AutoFind: Scans 79, 80, 81; Background Corrected with Scan 74

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.1	13504	PASS
75	95	30	60	53.6	36109	PASS
95	95	100	100	100.0	67317	PASS
96	95	5	9	6.9	4653	PASS
173	174	0.00	2	1.3	757	PASS
174	95	50	100	86.3	58099	PASS
175	174	5	9	7.7	4448	PASS
176	174	95	101	95.9	55688	PASS
177	176	5	9	6.7	3721	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A03.D
 Acq On : 13 Sep 2023 04:17 pm
 Operator : VOA130:PID
 Sample : I8260STD0.19PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:00:50 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-L11 - Level 11 for 8260-LRR product

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	219278	10.000	ug/L	# 0.00
Standard Area 1 = 211214			Recovery	=	103.82%	
63) Chlorobenzene-d5	9.691	117	208906	10.000	ug/L	# 0.00
Standard Area 1 = 199282			Recovery	=	104.83%	
84) 1,4-Dichlorobenzene-d4	12.365	152	119406	10.000	ug/L	0.00
Standard Area 1 = 119824			Recovery	=	99.65%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	70687	10.276	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.76%	
47) 1,2-Dichloroethane-d4	5.843	65	70205	10.176	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.76%	
64) Toluene-d8	7.840	98	266716	10.274	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.74%	
88) 4-Bromofluorobenzene	11.164	95	95818	10.737	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	107.37%	
Target Compounds						
						Qvalue
4) Vinyl chloride	1.958	62	819	0.153	ug/L	# 88
37) Carbon tetrachloride	5.282	117	611	0.115	ug/L	# 46
45) Benzene	5.717	78	2490	0.167	ug/L	# 74
52) Trichloroethene	6.309	95	644	0.145	ug/L	# 84
62) cis-1,3-Dichloropropene	0.000		0	N.D.	d	
69) trans-1,3-Dichloropropene	8.370	75	741	0.145	ug/L	# 67
79) Ethylbenzene	9.759	91	2995	0.147	ug/L	93
81) p/m Xylene	9.943	106	2438	0.286	ug/L	87
83) Styrene	10.541	104	3862	0.267	ug/L	88

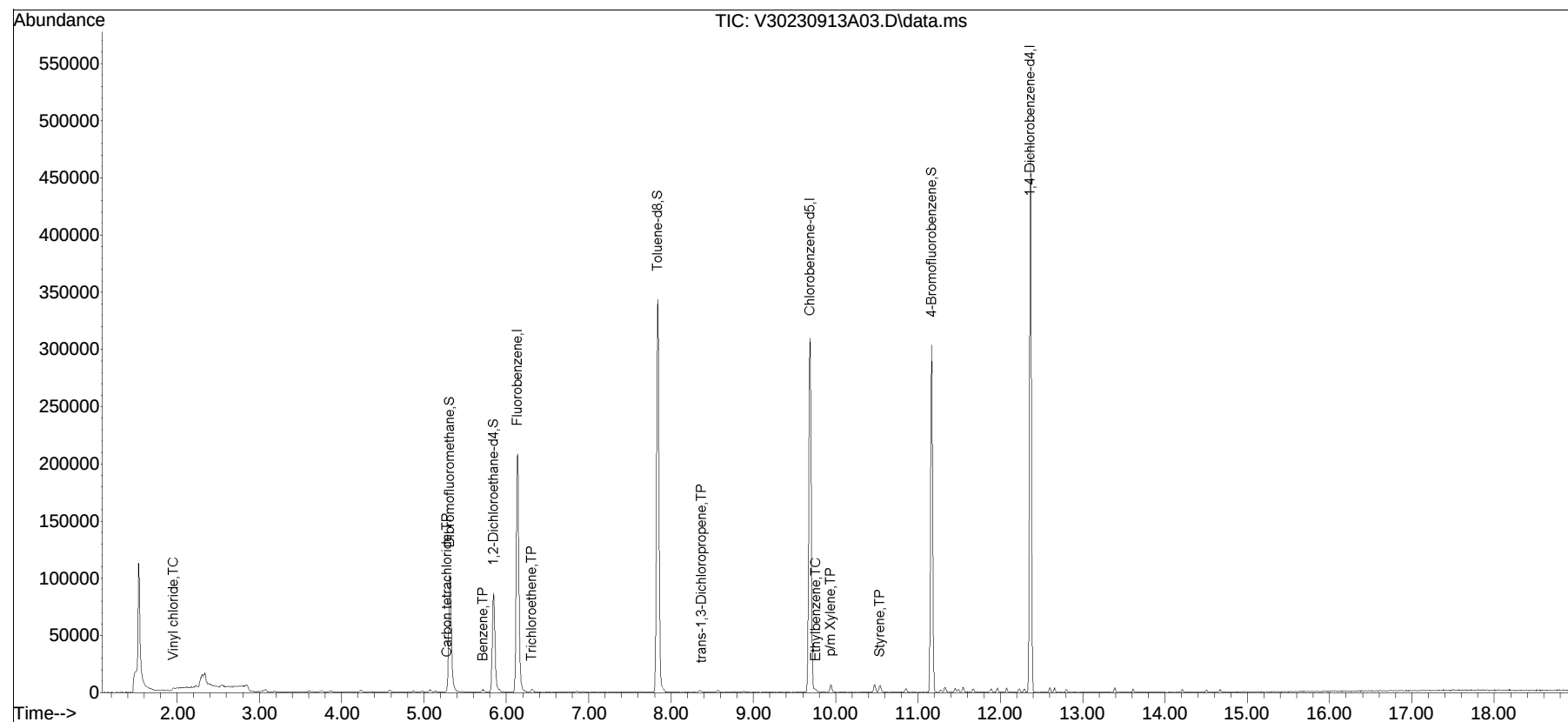
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A03.D
 Acq On : 13 Sep 2023 04:17 pm
 Operator : VOA130:PID
 Sample : I8260STD0.19PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:00:50 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

Sub List : 8260-L11 - Level 11 for 8260-LRR product09.D•



Manual Integration Report

Data Path	: K:\VOA130\2023\230913ICAL\QMethod	: V130_230913A_8260D.m
Data File	: V30230913A03.D	Operator : VOA130:PID
Date Inj'd	: 9/13/2023 4:17 pm	Instrument : VOA130
Sample	: I8260STD0.19PPB	Quant Date : 9/14/2023 12:00 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A05.D
 Acq On : 13 Sep 2023 05:01 pm
 Operator : VOA130:PID
 Sample : I8260STD0.5PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:15 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	213327	10.000	ug/L	# 0.00
Standard Area 1 = 211214			Recovery	=	101.00%	
63) Chlorobenzene-d5	9.691	117	200722	10.000	ug/L	# 0.00
Standard Area 1 = 199282			Recovery	=	100.72%	
84) 1,4-Dichlorobenzene-d4	12.365	152	113531	10.000	ug/L	0.00
Standard Area 1 = 119824			Recovery	=	94.75%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	68131	10.181	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.81%	
47) 1,2-Dichloroethane-d4	5.843	65	65702	9.789	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.89%	
64) Toluene-d8	7.840	98	258074	10.347	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.47%	
88) 4-Bromofluorobenzene	11.164	95	90041	10.612	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	106.12%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	2194	0.404	ug/L	# 89
3) Chloromethane	1.879	50	2008	0.478	ug/L	# 96
4) Vinyl chloride	1.952	62	2245	0.430	ug/L	99
5) Bromomethane	2.277	94	3478	0.562	ug/L	99
6) Chloroethane	2.398	64	2088	0.512	ug/L	95
7) Trichlorofluoromethane	2.545	101	3965	0.392	ug/L	99
8) Ethyl ether	2.849	74	1160	0.477	ug/L	# 89
10) 1,1-Dichloroethene	3.037	96	1477	0.419	ug/L	# 58
11) Carbon disulfide	3.069	76	4915	0.504	ug/L	96
12) Freon-113	3.085	101	1231	0.328	ug/L	87
13) Iodomethane	3.184	142	2193	0.365	ug/L	# 92
14) Acrolein	3.357	56	52M2	0.188	ug/L	
15) Methylene chloride	3.593	84	2065	0.511	ug/L	76
17) Acetone	3.640	43	1385	1.437	ug/L	# 77
18) trans-1,2-Dichloroethene	3.756	96	1677	0.426	ug/L	# 71
19) Methyl acetate	3.766	43	1302	0.774	ug/L	# 69
21) Methyl tert-butyl ether	3.866	73	3952	0.465	ug/L	96
22) tert-Butyl alcohol	3.945	59	442	2.296	ug/L	# 87
24) Diisopropyl ether	4.238	45	4607	0.463	ug/L	# 81
25) 1,1-Dichloroethane	4.343	63	2809	0.412	ug/L	98
26) Halothane	4.401	117	1143	0.380	ug/L	# 52

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A05.D
 Acq On : 13 Sep 2023 05:01 pm
 Operator : VOA130:PID
 Sample : I8260STD0.5PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:15 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.380	53	244	0.348	ug/L	# 56
28) Ethyl tert-butyl ether	4.584	59	4666	0.472	ug/L	# 76
29) Vinyl acetate	0.000		0	N.D.	d	
30) cis-1,2-Dichloroethene	4.873	96	1926	0.430	ug/L	# 81
31) 2,2-Dichloropropane	4.972	77	2524	0.428	ug/L	# 96
33) Bromochloromethane	5.061	128	941	0.437	ug/L	# 57
34) Cyclohexane	5.088	56	1983	0.347	ug/L	# 76
35) Chloroform	5.135	83	3305	0.455	ug/L	# 92
36) Ethyl acetate	0.000		0	N.D.	d	
37) Carbon tetrachloride	5.282	117	1990	0.385	ug/L	# 89
38) Tetrahydrofuran	0.000		0	N.D.	d	
40) 1,1,1-Trichloroethane	5.350	97	2479	0.389	ug/L	# 86
42) 2-Butanone	0.000		0	N.D.	d	
43) 1,1-Dichloropropene	5.465	75	1854	0.369	ug/L	# 92
45) Benzene	5.711	78	6309	0.435	ug/L	# 92
46) tert-Amyl methyl ether	5.837	73	4648	0.488	ug/L	# 94
48) 1,2-Dichloroethane	5.916	62	2491	0.511	ug/L	# 94
51) Methyl cyclohexane	6.314	83	2022	0.317	ug/L	# 84
52) Trichloroethene	6.314	95	1750	0.404	ug/L	# 97
54) Dibromomethane	6.760	93	1076	0.460	ug/L	# 85
55) 1,2-Dichloropropane	6.854	63	1468	0.416	ug/L	# 92
57) 2-Chloroethyl vinyl ether	7.562	63	737	0.410	ug/L	# 88
58) Bromodichloromethane	6.923	83	2334	0.435	ug/L	# 97
61) 1,4-Dioxane	7.143	88	2710	104.956	ug/L	# 78
62) cis-1,3-Dichloropropene	7.625	75	2441	0.423	ug/L	# 92
65) Toluene	7.898	92	4435	0.437	ug/L	# 93
66) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
67) Tetrachloroethene	8.349	166	1697	0.392	ug/L	# 92
69) trans-1,3-Dichloropropene	8.375	75	2282	0.463	ug/L	# 94
71) Ethyl methacrylate	8.569	69	1940	0.514	ug/L	# 87
72) 1,1,2-Trichloroethane	8.553	83	1218	0.474	ug/L	# 92
73) Chlorodibromomethane	8.773	129	1435	0.391	ug/L	# 91
74) 1,3-Dichloropropane	8.884	76	2250	0.454	ug/L	# 100
75) 1,2-Dibromoethane	9.057	107	1339	0.432	ug/L	# 98
77) 2-Hexanone	9.340	43	882	0.569	ug/L	# 70
78) Chlorobenzene	9.712	112	5301	0.456	ug/L	# 66
79) Ethylbenzene	9.754	91	8815	0.449	ug/L	# 96
80) 1,1,1,2-Tetrachloroethane	9.796	131	1656	0.406	ug/L	# 64
81) p/m Xylene	9.943	106	6802	0.830	ug/L	# 89
82) o Xylene	10.472	106	6772	0.807	ug/L	# 91

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A05.D
 Acq On : 13 Sep 2023 05:01 pm
 Operator : VOA130:PID
 Sample : I8260STD0.5PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:15 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	10.540	104	11213	0.806	ug/L	91
85)	Bromoform	10.556	173	798	0.357	ug/L	91
87)	Isopropylbenzene	10.850	105	7789	0.418	ug/L	99
89)	Bromobenzene	11.280	156	2379	0.505	ug/L	99
90)	n-Propylbenzene	11.327	91	9168	0.416	ug/L	95
91)	1,4-Dichlorobutane	11.337	55	2296	0.556	ug/L	95
92)	1,1,2,2-Tetrachloroethane	11.405	83	1874	0.580	ug/L #	88
93)	4-Ethyltoluene	11.447	105	7854	0.414	ug/L	97
94)	2-Chlorotoluene	11.489	91	5812M6	0.445	ug/L	
95)	1,3,5-Trimethylbenzene	11.547	105	7139	0.428	ug/L	99
96)	1,2,3-Trichloropropane	11.542	75	1350	0.504	ug/L	90
97)	trans-1,4-Dichloro-2-b...	11.594	53	525	0.559	ug/L #	88
98)	4-Chlorotoluene	11.673	91	6218	0.459	ug/L	91
99)	tert-Butylbenzene	11.883	119	5408	0.398	ug/L	95
102)	1,2,4-Trimethylbenzene	11.966	105	7152	0.431	ug/L	99
103)	sec-Butylbenzene	12.077	105	7669	0.382	ug/L	97
104)	p-Isopropyltoluene	12.229	119	6616	0.376	ug/L	97
105)	1,3-Dichlorobenzene	12.292	146	4279	0.445	ug/L	93
106)	1,4-Dichlorobenzene	12.381	146	4842M3	0.494	ug/L	
107)	p-Diethylbenzene	12.601	119	3881	0.368	ug/L	97
108)	n-Butylbenzene	12.659	91	5488	0.367	ug/L	92
109)	1,2-Dichlorobenzene	12.800	146	4482	0.488	ug/L	93
110)	1,2,4,5-Tetramethylben...	13.393	119	6684	0.403	ug/L	94
111)	1,2-Dibromo-3-chloropr...	13.571	155	238	0.429	ug/L	89
112)	1,3,5-Trichlorobenzene	13.613	180	2757	0.414	ug/L	91
113)	Hexachlorobutadiene	14.190	225	547	0.292	ug/L #	82
114)	1,2,4-Trichlorobenzene	14.216	180	2628	0.456	ug/L	92
115)	Naphthalene	14.504	128	6797	0.538	ug/L	100
116)	1,2,3-Trichlorobenzene	14.672	180	2746	0.516	ug/L #	92

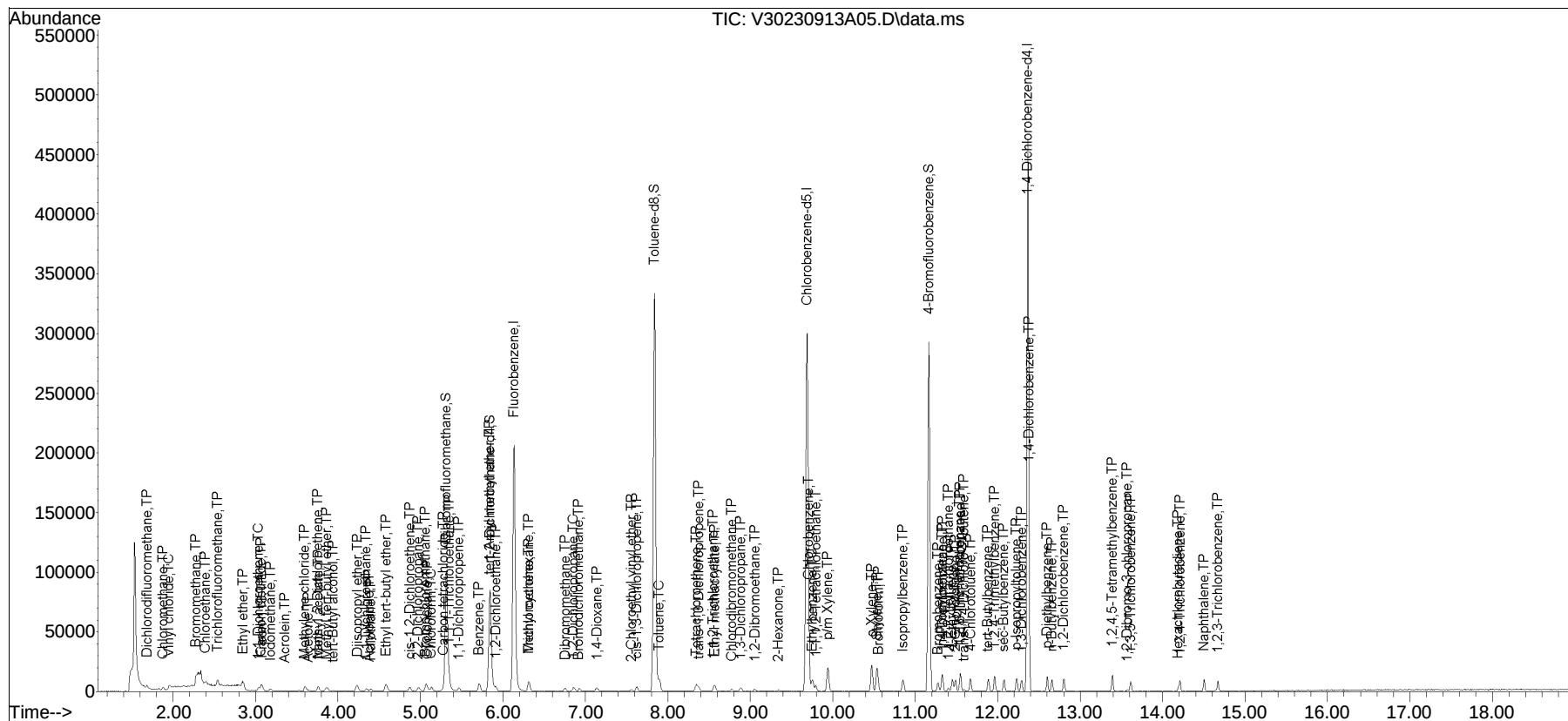
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
Data File : V30230913A05.D
Acq On : 13 Sep 2023 05:01 pm
Operator : VOA130:PID
Sample : I8260STD0.5PPB
Misc : WG1827534,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:15 2023
Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Sep 14 12:00:07 2023
Response via : Initial Calibration

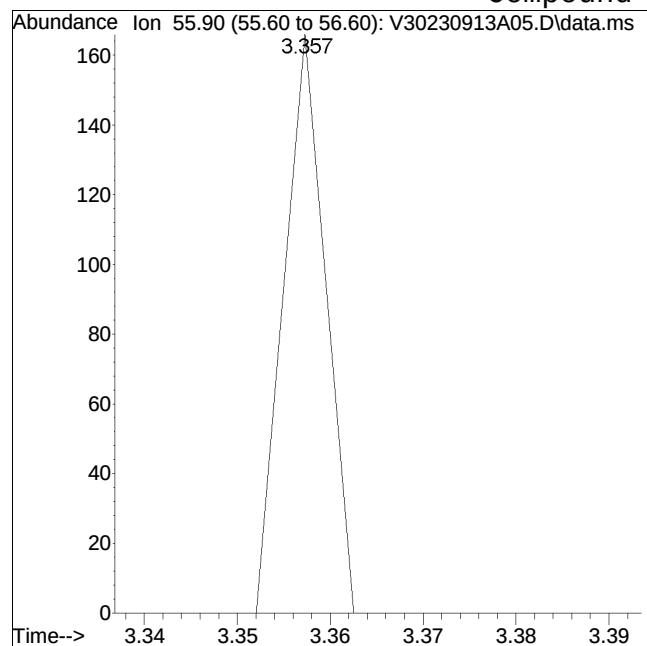
Sub List : 8260-Curve - Megamix plus DioxV30230913A09.D•



Manual Integration Report

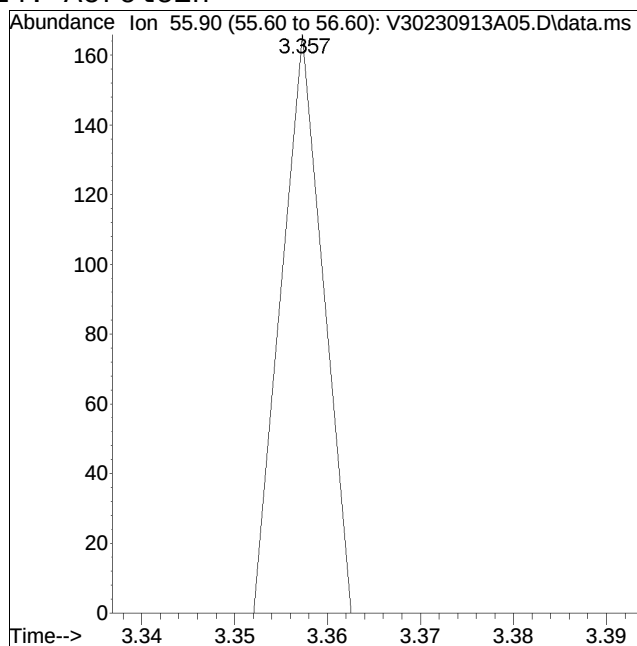
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A05.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 5:01 pm Instrument : VOA130
Sample : I8260STD0.5PPB Quant Date : 9/14/2023 12:00 pm

Compound #14: Acrolein



Original Peak Response = 52

M2 = Peak not found by automatic integration algorithm.

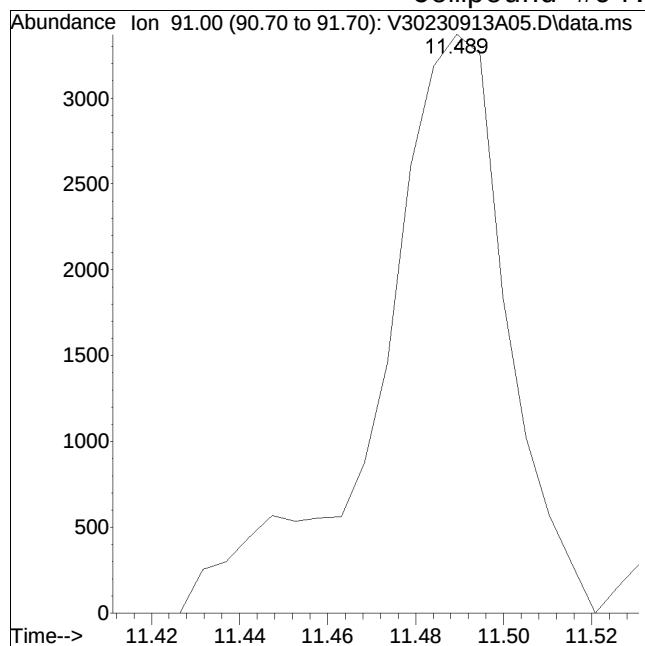


Manual Peak Response = 52 M2

Manual Integration Report

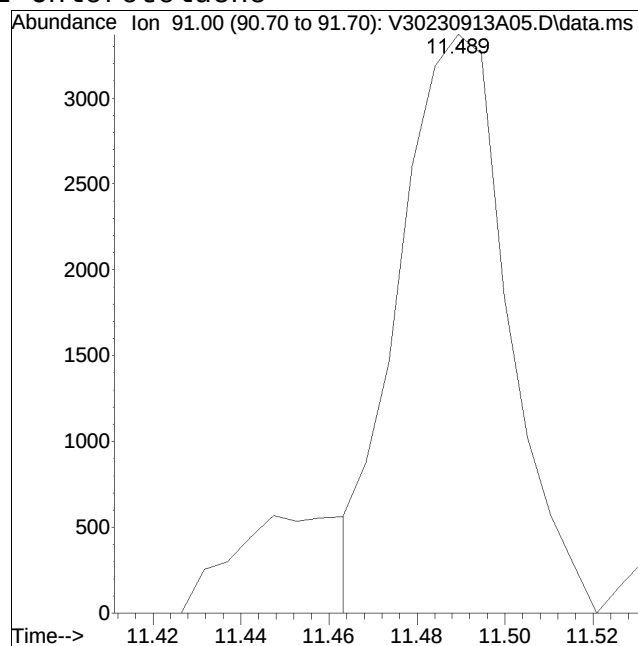
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A05.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 5:01 pm Instrument : VOA130
Sample : I8260STD0.5PPB Quant Date : 9/14/2023 12:00 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 6823

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

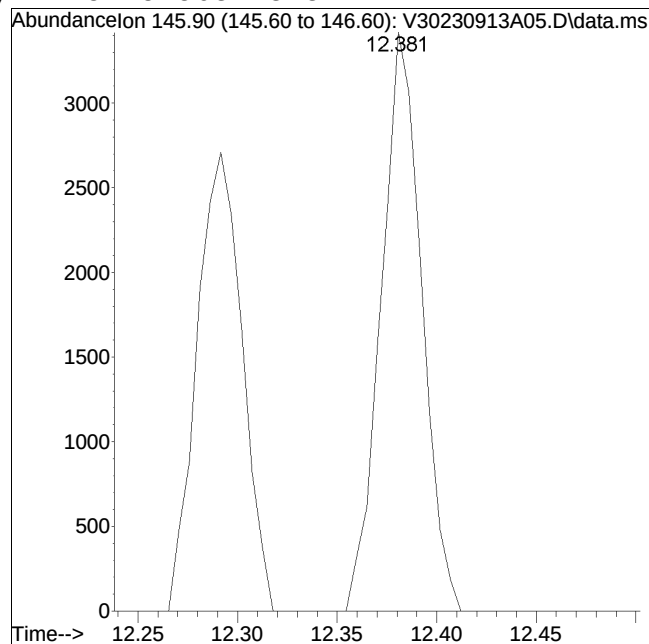
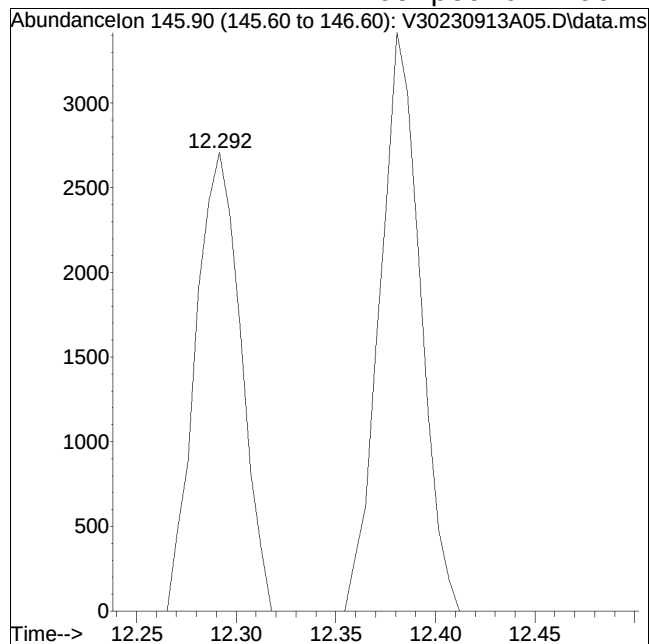


Manual Peak Response = 5812 M6

Manual Integration Report

Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A05.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 5:01 pm Instrument : VOA130
Sample : I8260STD0.5PPB Quant Date : 9/14/2023 12:00 pm

Compound #106: 1,4-Dichlorobenzene



Original Peak Response = 4279

Manual Peak Response = 4842 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A07.D
 Acq On : 13 Sep 2023 05:45 pm
 Operator : VOA130:PID
 Sample : I8260STD2PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:35 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	206667	10.000	ug/L	# 0.00
Standard Area 1 = 211214			Recovery	=	97.85%	
63) Chlorobenzene-d5	9.686	117	197469	10.000	ug/L	# 0.00
Standard Area 1 = 199282			Recovery	=	99.09%	
84) 1,4-Dichlorobenzene-d4	12.365	152	114030	10.000	ug/L	0.00
Standard Area 1 = 119824			Recovery	=	95.16%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	66915	10.321	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.21%	
47) 1,2-Dichloroethane-d4	5.843	65	62200	9.566	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	95.66%	
64) Toluene-d8	7.840	98	249566	10.170	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.70%	
88) 4-Bromofluorobenzene	11.164	95	89250	10.473	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	104.73%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	10702	2.034	ug/L	93
3) Chloromethane	1.879	50	9490	2.331	ug/L	98
4) Vinyl chloride	1.957	62	11904	2.353	ug/L	96
5) Bromomethane	2.277	94	15346	2.562	ug/L	100
6) Chloroethane	2.398	64	9372	2.372	ug/L	96
7) Trichlorofluoromethane	2.545	101	21365	2.180	ug/L	98
8) Ethyl ether	2.849	74	5177	2.196	ug/L	# 75
10) 1,1-Dichloroethene	3.038	96	7304	2.137	ug/L	# 70
11) Carbon disulfide	3.069	76	20800	2.200	ug/L	100
12) Freon-113	3.085	101	7632	2.096	ug/L	87
13) Iodomethane	3.179	142	12135	2.083	ug/L	94
14) Acrolein	3.357	56	649	2.428	ug/L	93
15) Methylene chloride	3.604	84	8962	2.291	ug/L	76
17) Acetone	3.640	43	1841	1.971	ug/L	92
18) trans-1,2-Dichloroethene	3.761	96	8709	2.286	ug/L	71
19) Methyl acetate	3.761	43	3795	2.328	ug/L	# 96
21) Methyl tert-butyl ether	3.861	73	16053	1.949	ug/L	94
22) tert-Butyl alcohol	3.950	59	2380	12.764	ug/L	# 89
24) Diisopropyl ether	4.233	45	21426	2.225	ug/L	# 88
25) 1,1-Dichloroethane	4.348	63	15757	2.384	ug/L	99
26) Halothane	4.401	117	6029	2.071	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A07.D
 Acq On : 13 Sep 2023 05:45 pm
 Operator : VOA130:PID
 Sample : I8260STD2PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:35 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.390	53	1528	2.252	ug/L	93
28) Ethyl tert-butyl ether	4.584	59	19846	2.070	ug/L #	71
29) Vinyl acetate	4.589	43	8710	2.214	ug/L	98
30) cis-1,2-Dichloroethene	4.873	96	10150	2.337	ug/L #	73
31) 2,2-Dichloropropane	4.977	77	12799	2.238	ug/L	85
33) Bromochloromethane	5.067	128	4451	2.134	ug/L #	54
34) Cyclohexane	5.077	56	10919	1.973	ug/L	69
35) Chloroform	5.135	83	16568	2.353	ug/L	95
36) Ethyl acetate	5.245	43	4310	2.157	ug/L #	91
37) Carbon tetrachloride	5.287	117	10461	2.090	ug/L #	91
38) Tetrahydrofuran	5.292	42	1196M6	2.178	ug/L	
40) 1,1,1-Trichloroethane	5.344	97	13289	2.153	ug/L	92
42) 2-Butanone	5.428	43	2036	2.327	ug/L	91
43) 1,1-Dichloropropene	5.465	75	9668	1.987	ug/L	93
45) Benzene	5.717	78	31053	2.208	ug/L	94
46) tert-Amyl methyl ether	5.832	73	19576	2.121	ug/L	93
48) 1,2-Dichloroethane	5.911	62	10100	2.139	ug/L #	95
51) Methyl cyclohexane	6.314	83	11947	1.936	ug/L #	77
52) Trichloroethene	6.314	95	8560	2.042	ug/L #	88
54) Dibromomethane	6.750	93	4923	2.173	ug/L	94
55) 1,2-Dichloropropane	6.860	63	7232	2.116	ug/L #	93
57) 2-Chloroethyl vinyl ether	7.552	63	3684	2.114	ug/L #	79
58) Bromodichloromethane	6.928	83	10874	2.093	ug/L #	98
61) 1,4-Dioxane	7.138	88	10894	435.511	ug/L #	79
62) cis-1,3-Dichloropropene	7.625	75	11255	2.015	ug/L #	87
65) Toluene	7.898	92	22400	2.245	ug/L	98
66) 4-Methyl-2-pentanone	8.338	58	1710	2.098	ug/L #	92
67) Tetrachloroethene	8.349	166	9013	2.117	ug/L	95
69) trans-1,3-Dichloropropene	8.370	75	9472	1.954	ug/L	92
71) Ethyl methacrylate	8.569	69	8026	2.161	ug/L #	84
72) 1,1,2-Trichloroethane	8.564	83	5033	1.991	ug/L	94
73) Chlorodibromomethane	8.779	129	6681	1.849	ug/L	99
74) 1,3-Dichloropropane	8.884	76	10012	2.051	ug/L	99
75) 1,2-Dibromoethane	9.051	107	6249	2.051	ug/L	99
77) 2-Hexanone	9.340	43	3700	2.428	ug/L	96
78) Chlorobenzene	9.707	112	25291	2.209	ug/L	96
79) Ethylbenzene	9.754	91	42742	2.213	ug/L	96
80) 1,1,1,2-Tetrachloroethane	9.796	131	7678	1.914	ug/L	98
81) p/m Xylene	9.943	106	34523	4.282	ug/L	88
82) o Xylene	10.472	106	33514	4.059	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A07.D
 Acq On : 13 Sep 2023 05:45 pm
 Operator : VOA130:PID
 Sample : I8260STD2PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:35 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	10.535	104	55584	4.063	ug/L	87
85)	Bromoform	10.556	173	4085	1.818	ug/L	93
87)	Isopropylbenzene	10.855	105	41778	2.232	ug/L	98
89)	Bromobenzene	11.280	156	10993	2.323	ug/L	98
90)	n-Propylbenzene	11.327	91	47642	2.150	ug/L	93
91)	1,4-Dichlorobutane	11.332	55	9261	2.233	ug/L	93
92)	1,1,2,2-Tetrachloroethane	11.400	83	7913	2.440	ug/L #	99
93)	4-Ethyltoluene	11.453	105	42530	2.232	ug/L	97
94)	2-Chlorotoluene	11.489	91	30189M6	2.304	ug/L	
95)	1,3,5-Trimethylbenzene	11.547	105	36107	2.157	ug/L	95
96)	1,2,3-Trichloropropane	11.542	75	6038	2.246	ug/L #	83
97)	trans-1,4-Dichloro-2-b...	11.594	53	2099	2.227	ug/L	98
98)	4-Chlorotoluene	11.668	91	30233	2.222	ug/L	89
99)	tert-Butylbenzene	11.888	119	29424	2.158	ug/L	91
102)	1,2,4-Trimethylbenzene	11.961	105	36041	2.164	ug/L	96
103)	sec-Butylbenzene	12.077	105	42627	2.116	ug/L	95
104)	p-Isopropyltoluene	12.229	119	37010	2.096	ug/L	96
105)	1,3-Dichlorobenzene	12.292	146	21244	2.200	ug/L	96
106)	1,4-Dichlorobenzene	12.381	146	22115	2.248	ug/L	98
107)	p-Diethylbenzene	12.601	119	21717	2.049	ug/L	95
108)	n-Butylbenzene	12.659	91	30810	2.049	ug/L #	94
109)	1,2-Dichlorobenzene	12.805	146	20970	2.275	ug/L	96
110)	1,2,4,5-Tetramethylben...	13.393	119	34582	2.078	ug/L	96
111)	1,2-Dibromo-3-chloropr...	13.576	155	1263	2.264	ug/L	98
112)	1,3,5-Trichlorobenzene	13.613	180	15617	2.333	ug/L	96
113)	Hexachlorobutadiene	14.190	225	4142	2.202	ug/L	96
114)	1,2,4-Trichlorobenzene	14.211	180	13861	2.396	ug/L	98
115)	Naphthalene	14.504	128	31178	2.459	ug/L	100
116)	1,2,3-Trichlorobenzene	14.672	180	12817	2.398	ug/L	98

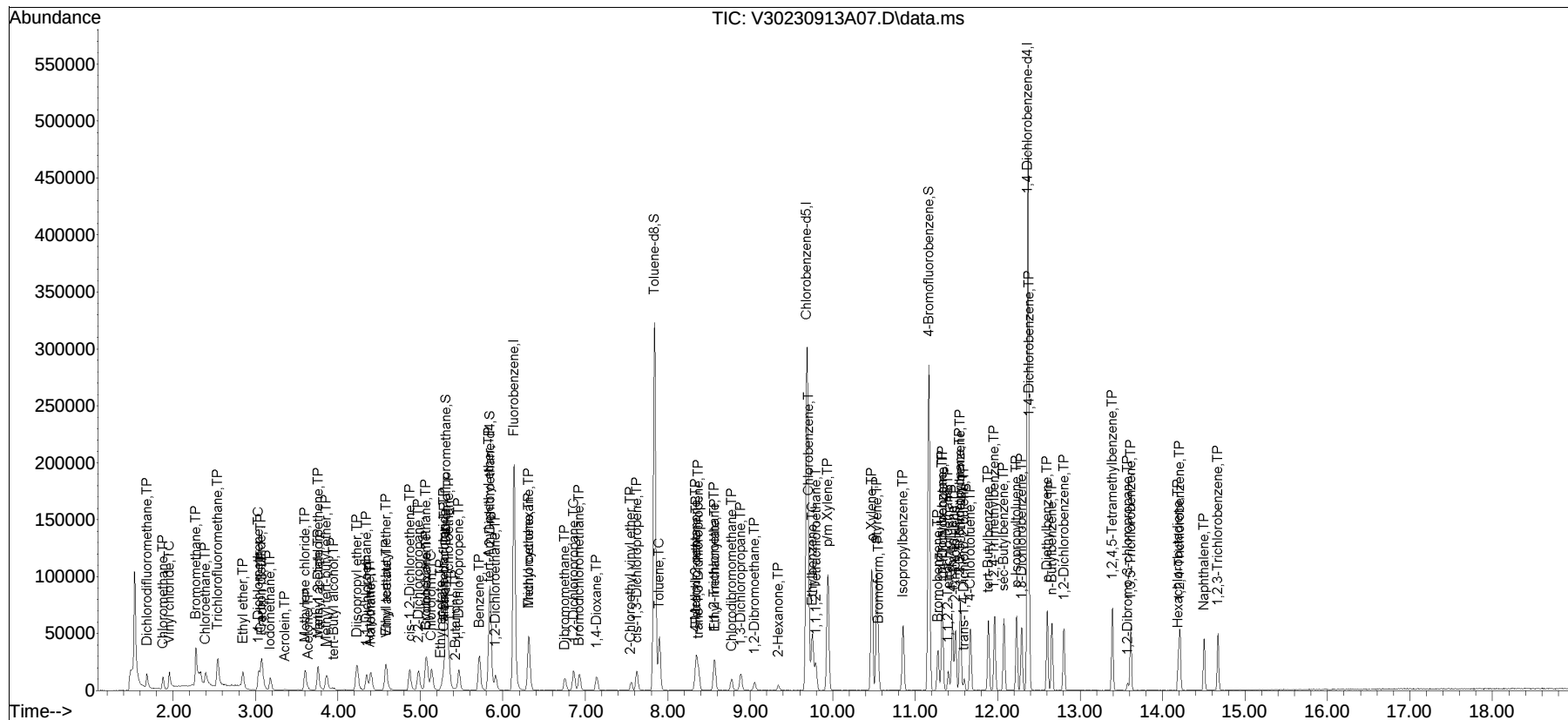
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
Data File : V30230913A07.D
Acq On : 13 Sep 2023 05:45 pm
Operator : VOA130:PID
Sample : I8260STD2PPB
Misc : WG1827534,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:35 2023
Quant Method : K:\V0A130\2023\230913ICAL\V130_230913A_8260D.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Sep 14 12:00:07 2023
Response via : Initial Calibration

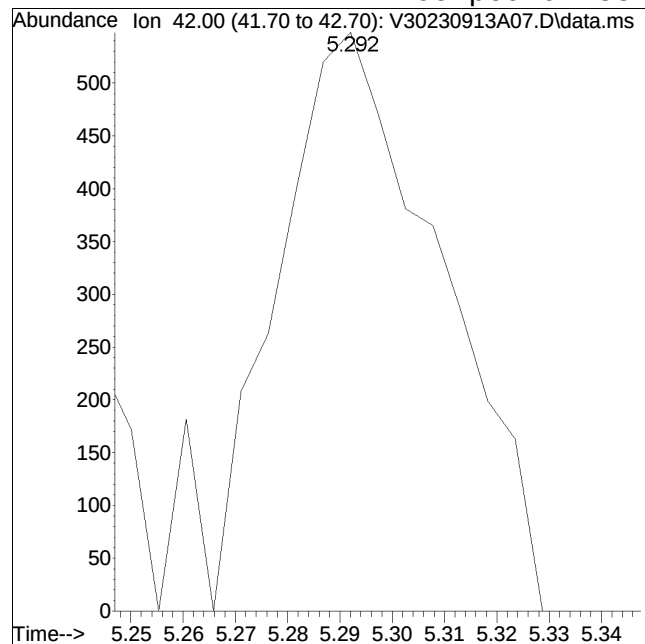
Sub List : 8260-Curve - Megamix plus DioxV30230913A09.D•



Manual Integration Report

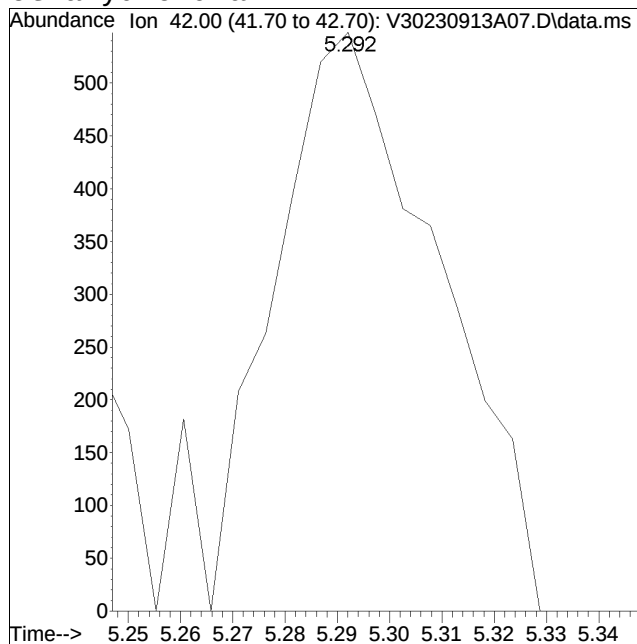
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A07.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 5:45 pm Instrument : VOA130
Sample : I8260STD2PPB Quant Date : 9/14/2023 12:01 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 1253

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

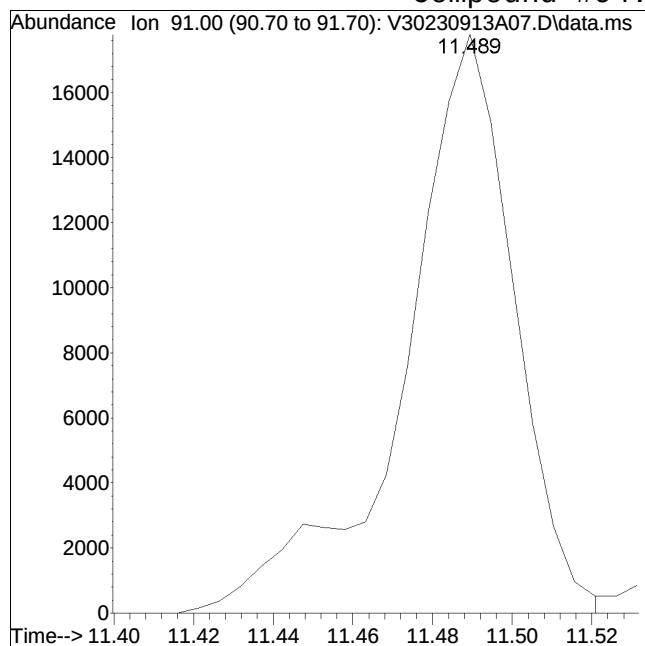


Manual Peak Response = 1196 M6

Manual Integration Report

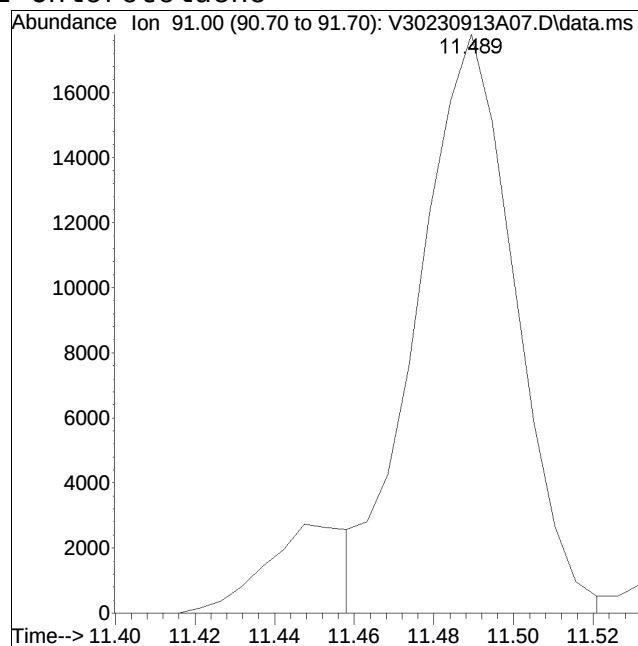
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A07.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 5:45 pm Instrument : VOA130
Sample : I8260STD2PPB Quant Date : 9/14/2023 12:01 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 34170

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).



Manual Peak Response = 30189 M6

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A09.D
 Acq On : 13 Sep 2023 06:29 pm
 Operator : VOA130:PID
 Sample : I8260STD10PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:45 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	211214	10.000	ug/L	# 0.00
Standard Area 1 = 211214			Recovery	=	100.00%	
63) Chlorobenzene-d5	9.686	117	199282	10.000	ug/L	# 0.00
Standard Area 1 = 199282			Recovery	=	100.00%	
84) 1,4-Dichlorobenzene-d4	12.370	152	119824	10.000	ug/L	0.00
Standard Area 1 = 119824			Recovery	=	100.00%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	66957	10.105	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.05%	
47) 1,2-Dichloroethane-d4	5.848	65	65735	9.892	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.92%	
64) Toluene-d8	7.840	98	252299	10.188	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.88%	
88) 4-Bromofluorobenzene	11.164	95	91545	10.223	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.23%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	57046	10.609	ug/L	96
3) Chloromethane	1.879	50	43414	10.435	ug/L	98
4) Vinyl chloride	1.957	62	56578	10.944	ug/L	100
5) Bromomethane	2.277	94	62244	10.166	ug/L	97
6) Chloroethane	2.398	64	41066	10.169	ug/L	97
7) Trichlorofluoromethane	2.545	101	106940	10.675	ug/L	98
8) Ethyl ether	2.849	74	24782	10.285	ug/L	# 71
10) 1,1-Dichloroethene	3.043	96	35404	10.137	ug/L	# 68
11) Carbon disulfide	3.069	76	94134	9.742	ug/L	99
12) Freon-113	3.085	101	38956	10.470	ug/L	86
13) Iodomethane	3.179	142	58488	9.825	ug/L	95
14) Acrolein	3.357	56	2744	10.045	ug/L	96
15) Methylene chloride	3.604	84	39849	9.968	ug/L	76
17) Acetone	3.635	43	6513	6.823	ug/L	98
18) trans-1,2-Dichloroethene	3.756	96	38539	9.898	ug/L	73
19) Methyl acetate	3.761	43	14292	8.579	ug/L	# 81
21) Methyl tert-butyl ether	3.861	73	81137	9.638	ug/L	88
22) tert-Butyl alcohol	3.939	59	8906	46.736	ug/L	# 82
24) Diisopropyl ether	4.233	45	96299	9.784	ug/L	# 89
25) 1,1-Dichloroethane	4.348	63	69721	10.323	ug/L	# 97
26) Halothane	4.401	117	29977	10.074	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A09.D
 Acq On : 13 Sep 2023 06:29 pm
 Operator : VOA130:PID
 Sample : I8260STD10PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:45 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) Acrylonitrile	4.385	53	7011	10.109	ug/L	#	91
28) Ethyl tert-butyl ether	4.584	59	93227	9.515	ug/L	#	68
29) Vinyl acetate	4.584	43	37168	9.243	ug/L	#	95
30) cis-1,2-Dichloroethene	4.873	96	44789	10.089	ug/L	#	75
31) 2,2-Dichloropropane	4.977	77	58672	10.040	ug/L		82
33) Bromochloromethane	5.061	128	21265	9.975	ug/L	#	52
34) Cyclohexane	5.077	56	57453	10.157	ug/L	#	66
35) Chloroform	5.135	83	72854	10.126	ug/L		95
36) Ethyl acetate	5.250	43	19449	9.524	ug/L	#	93
37) Carbon tetrachloride	5.282	117	54126	10.580	ug/L		99
38) Tetrahydrofuran	5.297	42	5629M6	10.029	ug/L		
40) 1,1,1-Trichloroethane	5.345	97	65846	10.440	ug/L		92
42) 2-Butanone	5.428	43	9137	10.216	ug/L		95
43) 1,1-Dichloropropene	5.470	75	49243	9.901	ug/L		92
45) Benzene	5.717	78	143095	9.955	ug/L		95
46) tert-Amyl methyl ether	5.832	73	89909	9.534	ug/L		89
48) 1,2-Dichloroethane	5.916	62	47567	9.858	ug/L	#	97
51) Methyl cyclohexane	6.314	83	62292	9.877	ug/L	#	73
52) Trichloroethene	6.314	95	42337	9.882	ug/L		90
54) Dibromomethane	6.755	93	22931	9.902	ug/L		91
55) 1,2-Dichloropropane	6.860	63	34870	9.981	ug/L	#	94
57) 2-Chloroethyl vinyl ether	7.557	63	17555	9.858	ug/L	#	80
58) Bromodichloromethane	6.928	83	52353	9.858	ug/L	#	99
61) 1,4-Dioxane	7.143	88	11261	440.491	ug/L	#	81
62) cis-1,3-Dichloropropene	7.625	75	54436	9.534	ug/L	#	85
65) Toluene	7.898	92	98789	9.811	ug/L		97
66) 4-Methyl-2-pentanone	8.328	58	8085	9.831	ug/L	#	79
67) Tetrachloroethene	8.349	166	42383	9.864	ug/L		95
69) trans-1,3-Dichloropropene	8.375	75	46064	9.418	ug/L	#	78
71) Ethyl methacrylate	8.569	69	36195	9.655	ug/L	#	82
72) 1,1,2-Trichloroethane	8.564	83	23804	9.331	ug/L		95
73) Chlorodibromomethane	8.773	129	33461	9.174	ug/L	#	98
74) 1,3-Dichloropropane	8.889	76	47402	9.624	ug/L		100
75) 1,2-Dibromoethane	9.051	107	29195	9.496	ug/L		99
77) 2-Hexanone	9.345	43	14708	9.565	ug/L		95
78) Chlorobenzene	9.707	112	114150	9.881	ug/L		90
79) Ethylbenzene	9.754	91	195019	10.005	ug/L		95
80) 1,1,1,2-Tetrachloroethane	9.796	131	37976	9.381	ug/L		98
81) p/m Xylene	9.943	106	158093	19.432	ug/L		90
82) o Xylene	10.472	106	156522	18.786	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A09.D
 Acq On : 13 Sep 2023 06:29 pm
 Operator : VOA130:PID
 Sample : I8260STD10PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:45 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	10.535	104	261985	18.974	ug/L	88
85)	Bromoform	10.556	173	19949	8.451	ug/L	99
87)	Isopropylbenzene	10.855	105	198674	10.102	ug/L	96
89)	Bromobenzene	11.280	156	49847	10.024	ug/L	98
90)	n-Propylbenzene	11.327	91	232799	9.997	ug/L	93
91)	1,4-Dichlorobutane	11.332	55	42398	9.728	ug/L	94
92)	1,1,2,2-Tetrachloroethane	11.400	83	32403	9.507	ug/L #	99
93)	4-Ethyltoluene	11.453	105	201737	10.074	ug/L	97
94)	2-Chlorotoluene	11.489	91	135732M6	9.856	ug/L	
95)	1,3,5-Trimethylbenzene	11.547	105	174421	9.914	ug/L	97
96)	1,2,3-Trichloropropane	11.542	75	26887	9.518	ug/L #	79
97)	trans-1,4-Dichloro-2-b...	11.594	53	9317	9.407	ug/L #	95
98)	4-Chlorotoluene	11.673	91	141888	9.925	ug/L #	88
99)	tert-Butylbenzene	11.888	119	145248	10.140	ug/L	91
102)	1,2,4-Trimethylbenzene	11.961	105	171176	9.781	ug/L	95
103)	sec-Butylbenzene	12.077	105	210269	9.933	ug/L	94
104)	p-Isopropyltoluene	12.229	119	182804	9.850	ug/L	96
105)	1,3-Dichlorobenzene	12.292	146	98619	9.721	ug/L	96
106)	1,4-Dichlorobenzene	12.381	146	99925	9.667	ug/L	97
107)	p-Diethylbenzene	12.601	119	108540	9.744	ug/L	94
108)	n-Butylbenzene	12.659	91	154259	9.763	ug/L #	95
109)	1,2-Dichlorobenzene	12.800	146	94242	9.729	ug/L	96
110)	1,2,4,5-Tetramethylben...	13.393	119	167927	9.602	ug/L	96
111)	1,2-Dibromo-3-chloropr...	13.576	155	5634	9.613	ug/L	91
112)	1,3,5-Trichlorobenzene	13.613	180	69149	9.830	ug/L	96
113)	Hexachlorobutadiene	14.195	225	20428	10.334	ug/L	97
114)	1,2,4-Trichlorobenzene	14.211	180	59563	9.798	ug/L	99
115)	Naphthalene	14.504	128	124187	9.320	ug/L	100
116)	1,2,3-Trichlorobenzene	14.672	180	52833	9.406	ug/L	99

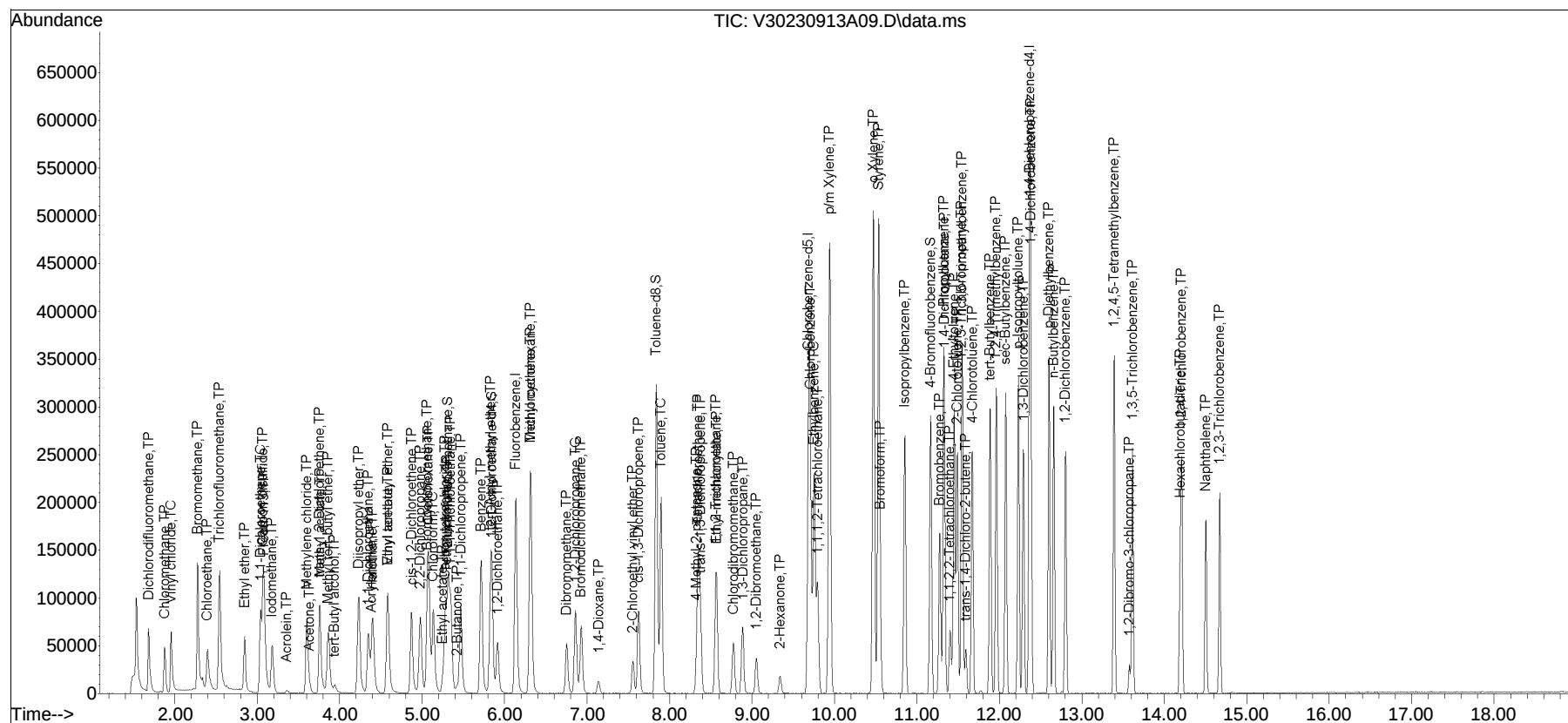
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
Data File : V30230913A09.D
Acq On : 13 Sep 2023 06:29 pm
Operator : VOA130:PID
Sample : I8260STD10PPB
Misc : WG1827534,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:45 2023
Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Sep 14 12:00:07 2023
Response via : Initial Calibration

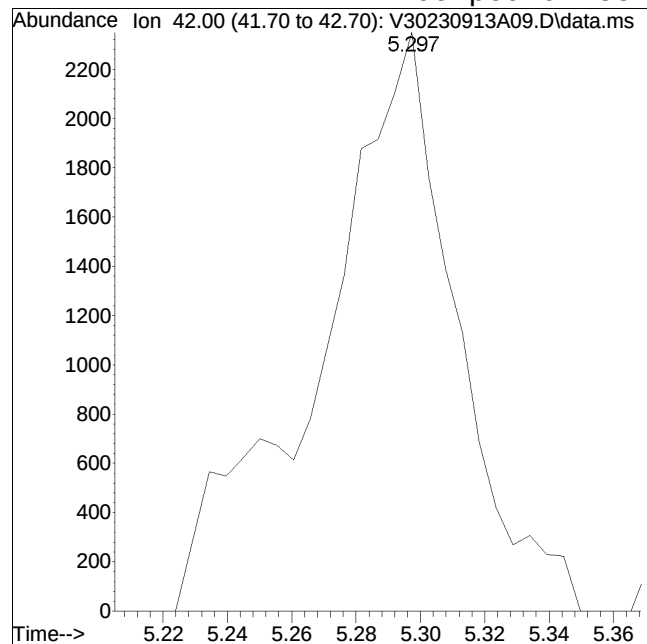
Sub List : 8260-Curve - Megamix plus DioxV30230913A09.D•



Manual Integration Report

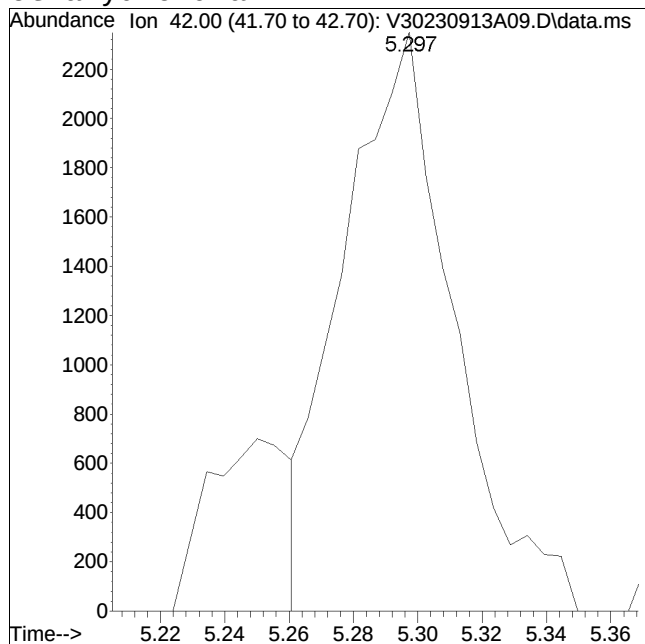
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A09.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 6:29 pm Instrument : VOA130
Sample : I8260STD10PPB Quant Date : 9/14/2023 12:01 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 6889

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

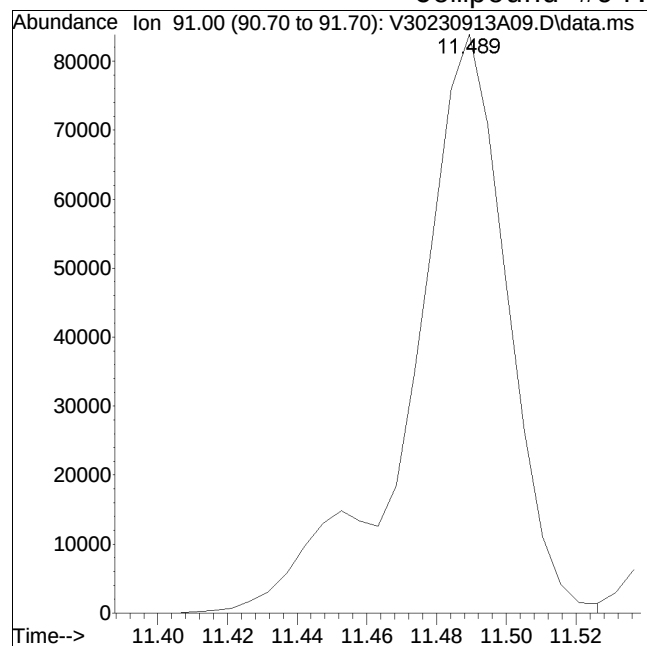


Manual Peak Response = 5629 M6

Manual Integration Report

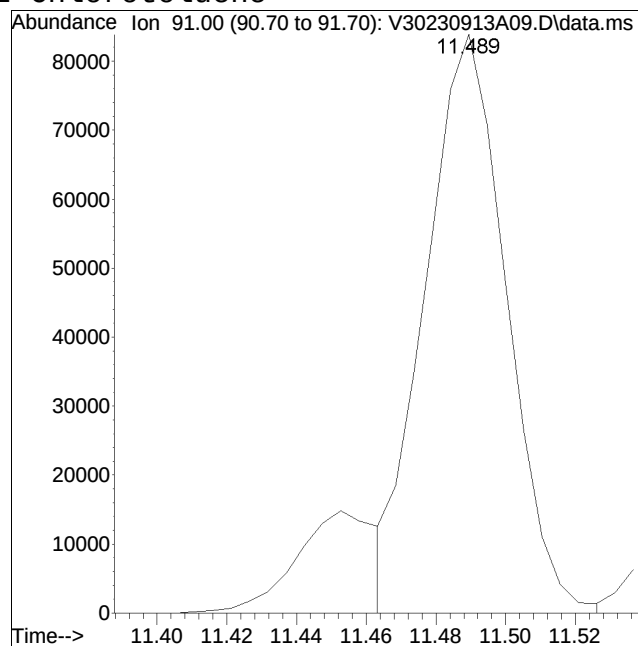
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A09.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 6:29 pm Instrument : VOA130
Sample : I8260STD10PPB Quant Date : 9/14/2023 12:01 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 159463

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).



Manual Peak Response = 135732 M6

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A10.D
 Acq On : 13 Sep 2023 06:50 pm
 Operator : VOA130:PID
 Sample : I8260STD30PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:58 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	233221	10.000	ug/L	# 0.00
Standard Area 1 = 211214			Recovery	=	110.42%	
63) Chlorobenzene-d5	9.686	117	212904	10.000	ug/L	# 0.00
Standard Area 1 = 199282			Recovery	=	106.84%	
84) 1,4-Dichlorobenzene-d4	12.365	152	139084	10.000	ug/L	0.00
Standard Area 1 = 119824			Recovery	=	116.07%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.318	113	72190	9.867	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.67%	
47) 1,2-Dichloroethane-d4	5.843	65	71263	9.712	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.12%	
64) Toluene-d8	7.840	98	266259	10.064	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.64%	
88) 4-Bromofluorobenzene	11.164	95	103256	9.934	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.34%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	181790	30.618	ug/L	96
3) Chloromethane	1.879	50	130869	28.487	ug/L	97
4) Vinyl chloride	1.957	62	171604	30.061	ug/L	98
5) Bromomethane	2.277	94	179767	26.591	ug/L	98
6) Chloroethane	2.393	64	126330	28.331	ug/L	98
7) Trichlorofluoromethane	2.545	101	334119	30.205	ug/L	99
8) Ethyl ether	2.849	74	76107	28.604	ug/L	# 72
10) 1,1-Dichloroethene	3.043	96	111731	28.973	ug/L	# 68
11) Carbon disulfide	3.069	76	295314	27.678	ug/L	99
12) Freon-113	3.085	101	125267	30.491	ug/L	85
13) Iodomethane	3.184	142	193342	29.413	ug/L	95
14) Acrolein	3.357	56	9157	30.357	ug/L	97
15) Methylene chloride	3.604	84	122082	27.656	ug/L	76
17) Acetone	3.635	43	18686	17.729	ug/L	94
18) trans-1,2-Dichloroethene	3.761	96	120989	28.140	ug/L	74
19) Methyl acetate	3.761	43	42940	23.344	ug/L	# 76
21) Methyl tert-butyl ether	3.861	73	268232	28.855	ug/L	87
22) tert-Butyl alcohol	3.945	59	28639	136.107	ug/L	# 78
24) Diisopropyl ether	4.233	45	303261	27.905	ug/L	# 89
25) 1,1-Dichloroethane	4.348	63	212351	28.473	ug/L	# 96
26) Halothane	4.401	117	98085	29.851	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A10.D
 Acq On : 13 Sep 2023 06:50 pm
 Operator : VOA130:PID
 Sample : I8260STD30PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:58 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.385	53	22880	29.876	ug/L	# 89
28) Ethyl tert-butyl ether	4.579	59	302147	27.929	ug/L	# 70
29) Vinyl acetate	4.584	43	130226	29.329	ug/L	# 94
30) cis-1,2-Dichloroethene	4.867	96	139382	28.433	ug/L	# 73
31) 2,2-Dichloropropane	4.978	77	188523	29.215	ug/L	# 81
33) Bromochloromethane	5.061	128	67262	28.574	ug/L	# 51
34) Cyclohexane	5.082	56	191971	30.735	ug/L	# 68
35) Chloroform	5.135	83	223706	28.158	ug/L	# 95
36) Ethyl acetate	5.245	43	65639	29.110	ug/L	# 95
37) Carbon tetrachloride	5.282	117	182438	32.296	ug/L	# 99
38) Tetrahydrofuran	5.287	42	17929M4	28.928	ug/L	# 92
40) 1,1,1-Trichloroethane	5.345	97	209750	30.120	ug/L	# 92
42) 2-Butanone	5.428	43	27227	27.571	ug/L	# 95
43) 1,1-Dichloropropene	5.470	75	167267	30.457	ug/L	# 91
45) Benzene	5.717	78	463517	29.202	ug/L	# 94
46) tert-Amyl methyl ether	5.832	73	292954	28.133	ug/L	# 89
48) 1,2-Dichloroethane	5.916	62	151454	28.427	ug/L	# 98
51) Methyl cyclohexane	6.315	83	213484	30.657	ug/L	# 74
52) Trichloroethene	6.315	95	142252	30.071	ug/L	# 90
54) Dibromomethane	6.750	93	73989	28.936	ug/L	# 90
55) 1,2-Dichloropropane	6.860	63	113692	29.473	ug/L	# 93
57) 2-Chloroethyl vinyl ether	7.557	63	58468	29.734	ug/L	# 78
58) Bromodichloromethane	6.928	83	170447	29.066	ug/L	# 97
61) 1,4-Dioxane	7.138	88	16611	588.452	ug/L	# 79
62) cis-1,3-Dichloropropene	7.625	75	183453	29.097	ug/L	# 87
65) Toluene	7.898	92	309176	28.739	ug/L	# 100
66) 4-Methyl-2-pentanone	8.328	58	25972	29.560	ug/L	# 78
67) Tetrachloroethene	8.349	166	137681	29.994	ug/L	# 95
69) trans-1,3-Dichloropropene	8.375	75	161866	30.978	ug/L	# 80
71) Ethyl methacrylate	8.569	69	115341	28.799	ug/L	# 78
72) 1,1,2-Trichloroethane	8.559	83	80510	29.541	ug/L	# 94
73) Chlorodibromomethane	8.774	129	117936	30.265	ug/L	# 97
74) 1,3-Dichloropropane	8.884	76	155699	29.590	ug/L	# 99
75) 1,2-Dibromoethane	9.057	107	98673	30.041	ug/L	# 99
77) 2-Hexanone	9.340	43	46588	28.360	ug/L	# 95
78) Chlorobenzene	9.707	112	354862	28.752	ug/L	# 89
79) Ethylbenzene	9.754	91	623528	29.943	ug/L	# 95
80) 1,1,1,2-Tetrachloroethane	9.796	131	125928	29.117	ug/L	# 99
81) p/m Xylene	9.943	106	519850	59.808	ug/L	# 88
82) o Xylene	10.472	106	508013	57.070	ug/L	# 90

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A10.D
 Acq On : 13 Sep 2023 06:50 pm
 Operator : VOA130:PID
 Sample : I8260STD30PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:58 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	10.540	104	882023	59.793	ug/L	89
85)	Bromoform	10.556	173	76987	28.096	ug/L	98
87)	Isopropylbenzene	10.855	105	661340	28.970	ug/L	96
89)	Bromobenzene	11.280	156	160079	27.732	ug/L	99
90)	n-Propylbenzene	11.327	91	788184	29.160	ug/L	94
91)	1,4-Dichlorobutane	11.332	55	139937	27.660	ug/L	92
92)	1,1,2,2-Tetrachloroethane	11.400	83	109662	27.719	ug/L #	98
93)	4-Ethyltoluene	11.453	105	679782	29.245	ug/L	96
94)	2-Chlorotoluene	11.489	91	455794M6	28.515	ug/L	
95)	1,3,5-Trimethylbenzene	11.547	105	594214	29.097	ug/L	96
96)	1,2,3-Trichloropropane	11.542	75	93103	28.395	ug/L #	79
97)	trans-1,4-Dichloro-2-b...	11.594	53	32572	28.333	ug/L #	82
98)	4-Chlorotoluene	11.673	91	483193	29.117	ug/L #	89
99)	tert-Butylbenzene	11.888	119	487892	29.343	ug/L	91
102)	1,2,4-Trimethylbenzene	11.961	105	585959	28.846	ug/L	95
103)	sec-Butylbenzene	12.077	105	732183	29.799	ug/L	93
104)	p-Isopropyltoluene	12.229	119	636711	29.558	ug/L	96
105)	1,3-Dichlorobenzene	12.292	146	334826	28.434	ug/L	97
106)	1,4-Dichlorobenzene	12.381	146	337750	28.151	ug/L	97
107)	p-Diethylbenzene	12.601	119	382150	29.555	ug/L	94
108)	n-Butylbenzene	12.659	91	550762	30.031	ug/L #	95
109)	1,2-Dichlorobenzene	12.805	146	318211	28.301	ug/L	96
110)	1,2,4,5-Tetramethylben...	13.393	119	580801	28.612	ug/L	96
111)	1,2-Dibromo-3-chloropr...	13.581	155	19681	28.930	ug/L	98
112)	1,3,5-Trichlorobenzene	13.613	180	232776	28.507	ug/L	96
113)	Hexachlorobutadiene	14.190	225	70119	30.561	ug/L	98
114)	1,2,4-Trichlorobenzene	14.211	180	202393	28.682	ug/L	99
115)	Naphthalene	14.504	128	428537	27.708	ug/L	100
116)	1,2,3-Trichlorobenzene	14.672	180	180585	27.697	ug/L	98

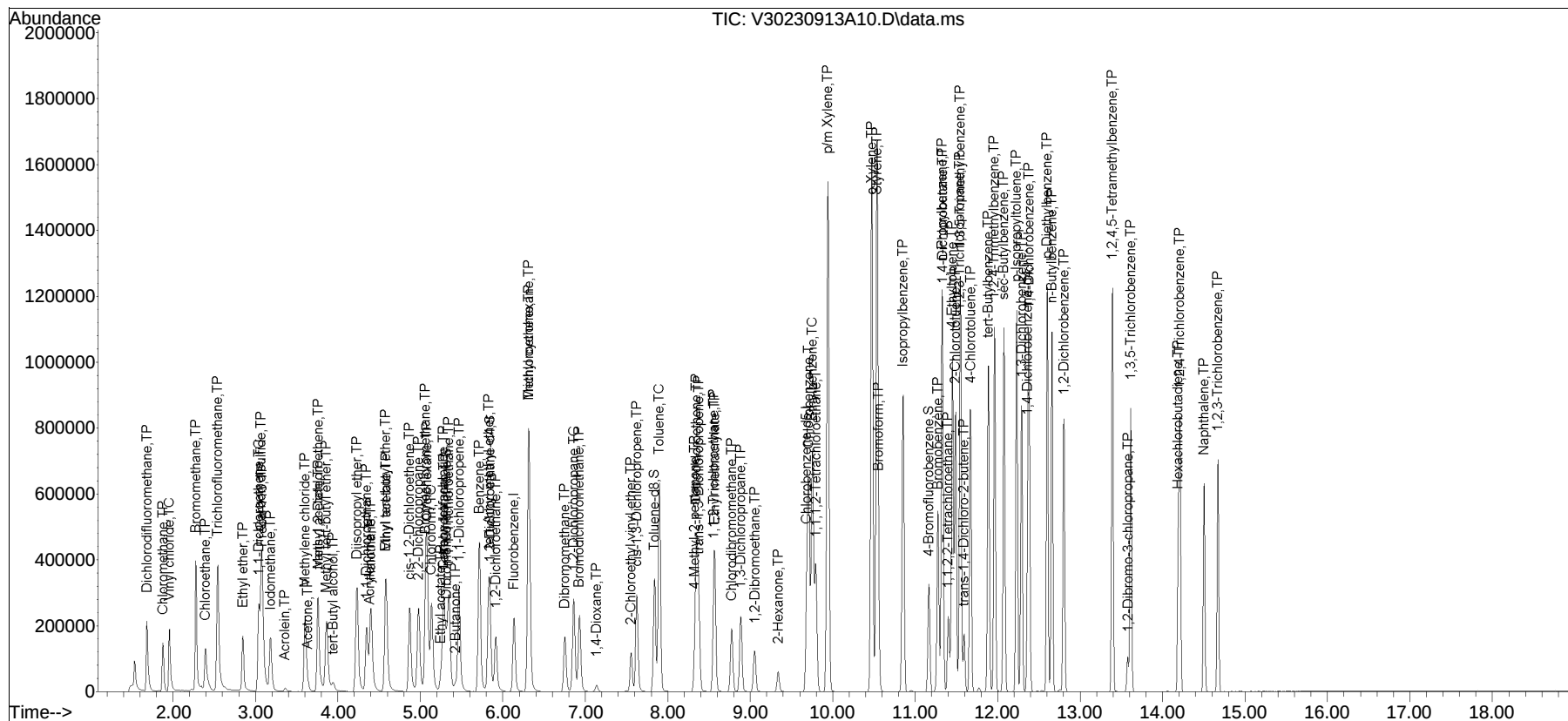
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
Data File : V30230913A10.D
Acq On : 13 Sep 2023 06:50 pm
Operator : VOA130:PID
Sample : I8260STD30PPB
Misc : WG1827534,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:01:58 2023
Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Sep 14 12:00:07 2023
Response via : Initial Calibration

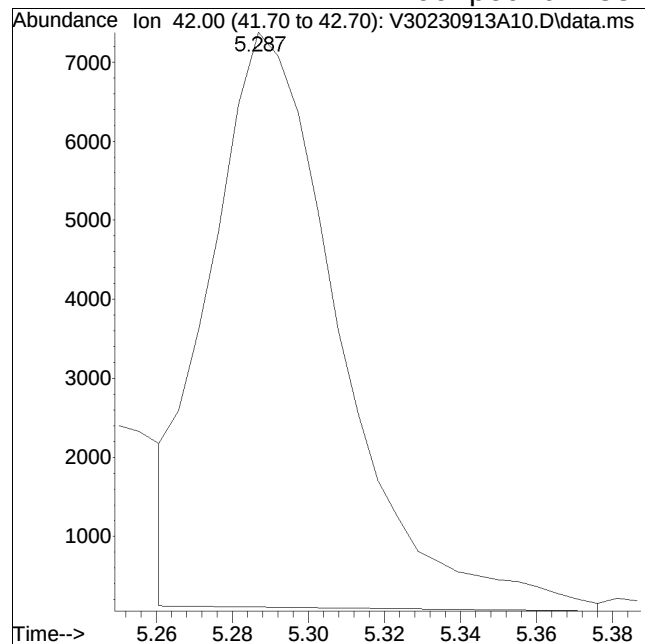
Sub List : 8260-Curve - Megamix plus DioxV30230913A09.D•



Manual Integration Report

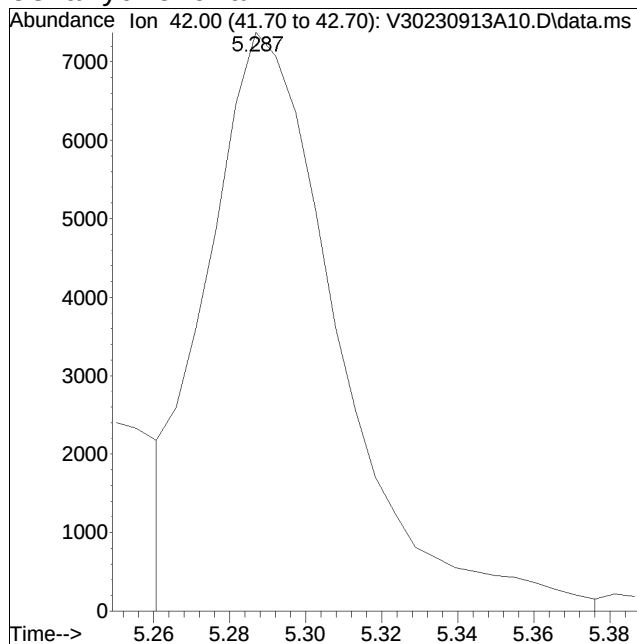
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A10.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 6:50 pm Instrument : VOA130
Sample : I8260STD30PPB Quant Date : 9/14/2023 12:01 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 17310

M4 = Poor automated baseline construction.

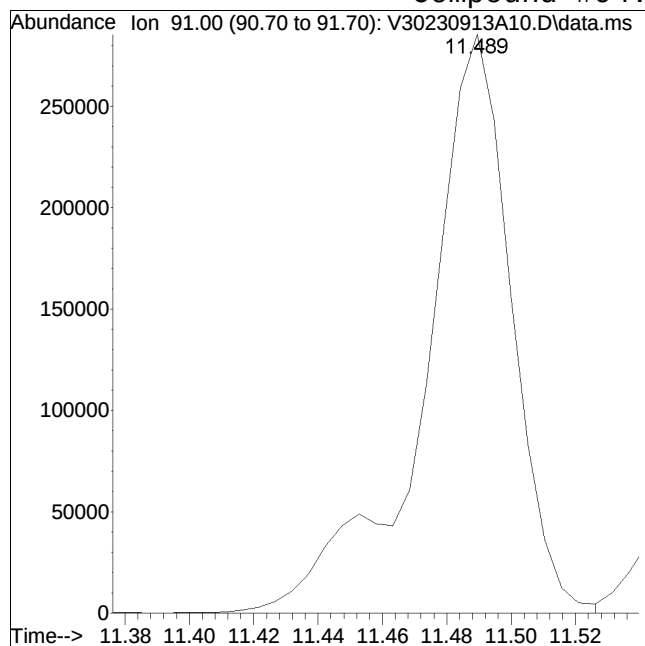


Manual Peak Response = 17929 M4

Manual Integration Report

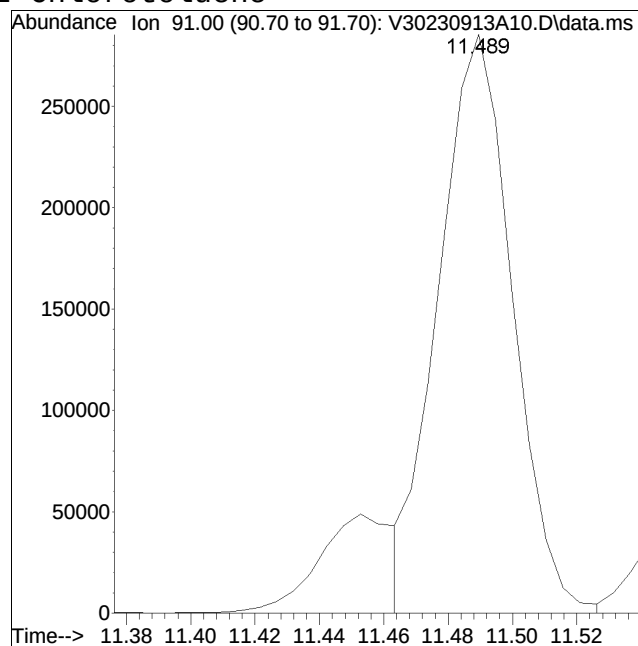
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A10.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 6:50 pm Instrument : VOA130
Sample : I8260STD30PPB Quant Date : 9/14/2023 12:01 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 535498

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).



Manual Peak Response = 455794 M6

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A11.D
 Acq On : 13 Sep 2023 07:12 pm
 Operator : VOA130:PID
 Sample : I8260STD80PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:02:08 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	236488	10.000	ug/L	# 0.00
Standard Area 1 = 211214			Recovery	=	111.97%	
63) Chlorobenzene-d5	9.691	117	217032	10.000	ug/L	# 0.00
Standard Area 1 = 199282			Recovery	=	108.91%	
84) 1,4-Dichlorobenzene-d4	12.370	152	146975	10.000	ug/L	0.00
Standard Area 1 = 119824			Recovery	=	122.66%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	71779	9.675	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.75%	
47) 1,2-Dichloroethane-d4	5.842	65	71632	9.627	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.27%	
64) Toluene-d8	7.840	98	266820	9.893	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.93%	
88) 4-Bromofluorobenzene	11.164	95	104581	9.521	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	95.21%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	530842	88.171	ug/L	95
3) Chloromethane	1.879	50	383000	82.217	ug/L	97
4) Vinyl chloride	1.957	62	508149	87.785	ug/L	99
5) Bromomethane	2.277	94	527310	76.921	ug/L	98
6) Chloroethane	2.392	64	365585	80.853	ug/L	98
7) Trichlorofluoromethane	2.545	101	985057	87.820	ug/L	99
8) Ethyl ether	2.849	74	221907	82.250	ug/L	# 72
10) 1,1-Dichloroethene	3.043	96	337877	86.406	ug/L	# 67
11) Carbon disulfide	3.069	76	890820	82.337	ug/L	98
12) Freon-113	3.085	101	374965	90.010	ug/L	# 83
13) Iodomethane	3.184	142	605492	90.841	ug/L	94
14) Acrolein	3.362	56	27175	88.846	ug/L	98
15) Methylene chloride	3.604	84	362631	81.015	ug/L	76
17) Acetone	3.640	43	53608	50.161	ug/L	91
18) trans-1,2-Dichloroethene	3.761	96	371711	85.260	ug/L	73
19) Methyl acetate	3.761	43	128742	69.023	ug/L	# 76
21) Methyl tert-butyl ether	3.861	73	816894	86.665	ug/L	88
22) tert-Butyl alcohol	3.944	59	86779	406.719	ug/L	# 87
24) Diisopropyl ether	4.233	45	936453	84.977	ug/L	# 90
25) 1,1-Dichloroethane	4.348	63	638111	84.379	ug/L	# 96
26) Halothane	4.401	117	298324	89.536	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A11.D
 Acq On : 13 Sep 2023 07:12 pm
 Operator : VOA130:PID
 Sample : I8260STD80PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:02:08 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.385	53	65599	84.474	ug/L	# 88
28) Ethyl tert-butyl ether	4.584	59	939772	85.668	ug/L	# 67
29) Vinyl acetate	4.584	43	371613	82.538	ug/L	# 94
30) cis-1,2-Dichloroethene	4.872	96	420453	84.584	ug/L	# 74
31) 2,2-Dichloropropane	4.977	77	565392	86.407	ug/L	# 81
33) Bromochloromethane	5.066	128	203686	85.333	ug/L	# 50
34) Cyclohexane	5.082	56	583738	92.168	ug/L	# 66
35) Chloroform	5.135	83	668588	82.994	ug/L	# 95
36) Ethyl acetate	5.250	43	186347	81.502	ug/L	# 94
37) Carbon tetrachloride	5.281	117	555917	97.050	ug/L	# 97
38) Tetrahydrofuran	5.292	42	50274M6	79.997	ug/L	# 92
40) 1,1,1-Trichloroethane	5.344	97	622243	88.118	ug/L	# 92
42) 2-Butanone	5.428	43	77166	77.061	ug/L	# 96
43) 1,1-Dichloropropene	5.470	75	515469	92.565	ug/L	# 92
45) Benzene	5.717	78	1436709	89.264	ug/L	# 94
46) tert-Amyl methyl ether	5.832	73	887455	84.046	ug/L	# 88
48) 1,2-Dichloroethane	5.916	62	446339	82.618	ug/L	# 98
51) Methyl cyclohexane	6.314	83	662087	93.764	ug/L	# 73
52) Trichloroethene	6.314	95	451172	94.057	ug/L	# 89
54) Dibromomethane	6.749	93	217511	83.890	ug/L	# 89
55) 1,2-Dichloropropane	6.860	63	346648	88.621	ug/L	# 93
57) 2-Chloroethyl vinyl ether	7.557	63	172316	86.422	ug/L	# 77
58) Bromodichloromethane	6.928	83	522973	87.950	ug/L	# 97
61) 1,4-Dioxane	7.137	88	23050	805.276	ug/L	# 79
62) cis-1,3-Dichloropropene	7.625	75	572454	89.542	ug/L	# 85
65) Toluene	7.898	92	950779	86.698	ug/L	# 100
66) 4-Methyl-2-pentanone	8.328	58	74387	83.052	ug/L	# 77
67) Tetrachloroethene	8.349	166	418194	89.372	ug/L	# 96
69) trans-1,3-Dichloropropene	8.375	75	497965	93.488	ug/L	# 79
71) Ethyl methacrylate	8.569	69	336203	82.349	ug/L	# 75
72) 1,1,2-Trichloroethane	8.558	83	241760	87.020	ug/L	# 93
73) Chlorodibromomethane	8.773	129	373571	94.043	ug/L	# 98
74) 1,3-Dichloropropane	8.889	76	471292	87.863	ug/L	# 99
75) 1,2-Dibromoethane	9.051	107	296405	88.524	ug/L	# 100
77) 2-Hexanone	9.340	43	128702	76.855	ug/L	# 93
78) Chlorobenzene	9.712	112	1078631	85.732	ug/L	# 88
79) Ethylbenzene	9.754	91	1943350	91.548	ug/L	# 95
80) 1,1,1,2-Tetrachloroethane	9.796	131	411123	93.252	ug/L	# 99
81) p/m Xylene	9.943	106	1665752	187.997	ug/L	# 88
82) o Xylene	10.477	106	1660211	182.961	ug/L	# 90

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A11.D
 Acq On : 13 Sep 2023 07:12 pm
 Operator : VOA130:PID
 Sample : I8260STD80PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:02:08 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	10.540	104	2990039	198.843	ug/L	90
85)	Bromoform	10.556	173	279189	96.419	ug/L	98
87)	Isopropylbenzene	10.855	105	2115245	87.685	ug/L	96
89)	Bromobenzene	11.280	156	497753	81.602	ug/L	99
90)	n-Propylbenzene	11.327	91	2543506	89.048	ug/L	93
91)	1,4-Dichlorobutane	11.332	55	427215	79.911	ug/L	92
92)	1,1,2,2-Tetrachloroethane	11.400	83	321841	76.984	ug/L #	99
93)	4-Ethyltoluene	11.453	105	2153893	87.687	ug/L	96
94)	2-Chlorotoluene	11.489	91	1457084M6	86.261	ug/L	
95)	1,3,5-Trimethylbenzene	11.552	105	1907774	88.403	ug/L	96
96)	1,2,3-Trichloropropane	11.542	75	280006	80.814	ug/L #	78
97)	trans-1,4-Dichloro-2-b...	11.594	53	97752	80.465	ug/L #	79
98)	4-Chlorotoluene	11.673	91	1506064	85.883	ug/L #	89
99)	tert-Butylbenzene	11.888	119	1559697	88.767	ug/L	92
102)	1,2,4-Trimethylbenzene	11.966	105	1911788	89.062	ug/L	96
103)	sec-Butylbenzene	12.076	105	2384046	91.818	ug/L	92
104)	p-Isopropyltoluene	12.234	119	2094733	92.023	ug/L	96
105)	1,3-Dichlorobenzene	12.291	146	1092774	87.818	ug/L	97
106)	1,4-Dichlorobenzene	12.386	146	1073784	84.692	ug/L	97
107)	p-Diethylbenzene	12.601	119	1265788	92.638	ug/L	94
108)	n-Butylbenzene	12.658	91	1828130	94.330	ug/L #	96
109)	1,2-Dichlorobenzene	12.805	146	1000747	84.225	ug/L	97
110)	1,2,4,5-Tetramethylben...	13.393	119	1948202	90.823	ug/L	96
111)	1,2-Dibromo-3-chloropr...	13.576	155	60798	84.573	ug/L	96
112)	1,3,5-Trichlorobenzene	13.618	180	750066	86.926	ug/L	97
113)	Hexachlorobutadiene	14.189	225	220581	90.977	ug/L	99
114)	1,2,4-Trichlorobenzene	14.210	180	616502	82.678	ug/L	99
115)	Naphthalene	14.504	128	1273013	77.890	ug/L	100
116)	1,2,3-Trichlorobenzene	14.672	180	551903	80.103	ug/L	99

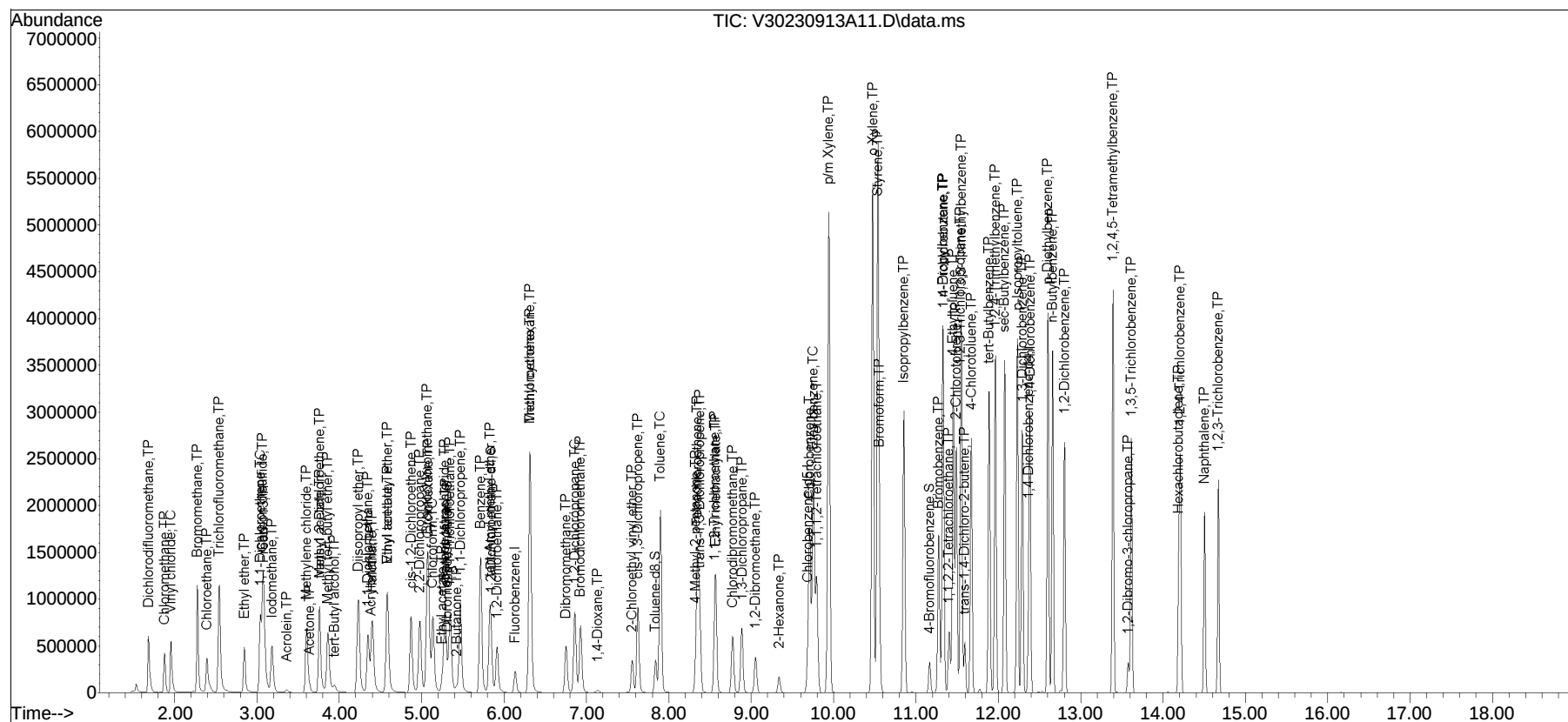
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
Data File : V30230913A11.D
Acq On : 13 Sep 2023 07:12 pm
Operator : VOA130:PID
Sample : I8260STD80PPB
Misc : WG1827534,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:02:08 2023
Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Sep 14 12:00:07 2023
Response via : Initial Calibration

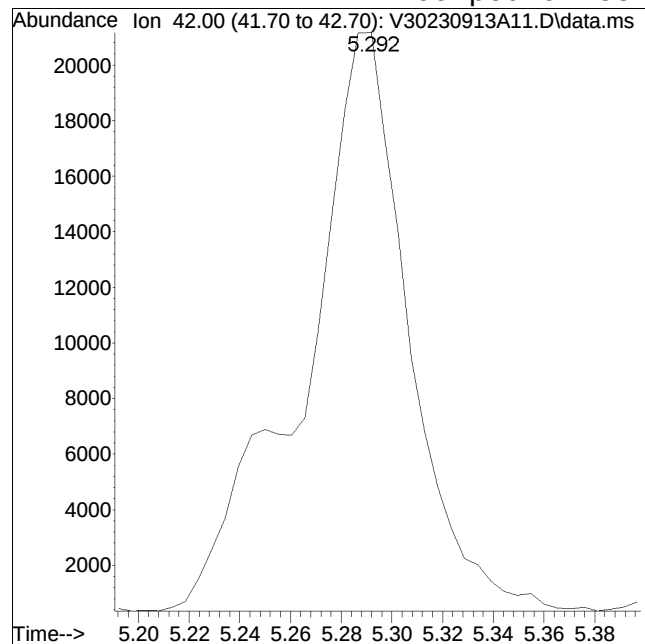
Sub List : 8260-Curve - Megamix plus DioxV30230913A09.D•



Manual Integration Report

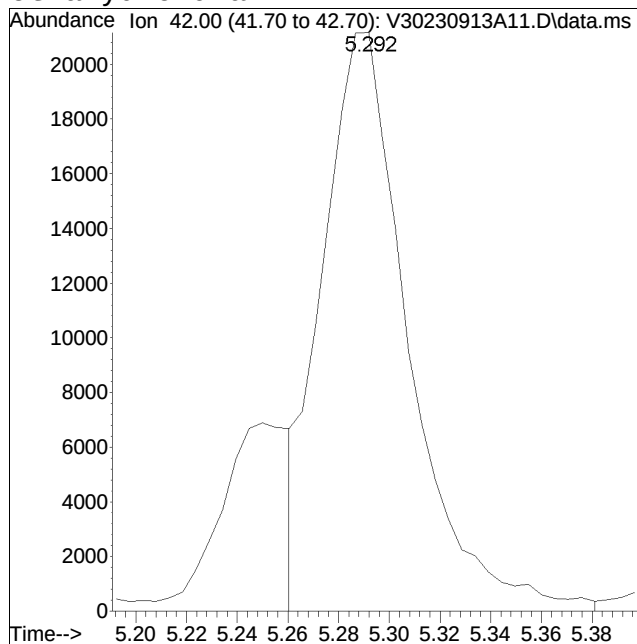
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A11.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 7:12 pm Instrument : VOA130
Sample : I8260STD80PPB Quant Date : 9/14/2023 12:02 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 59641

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

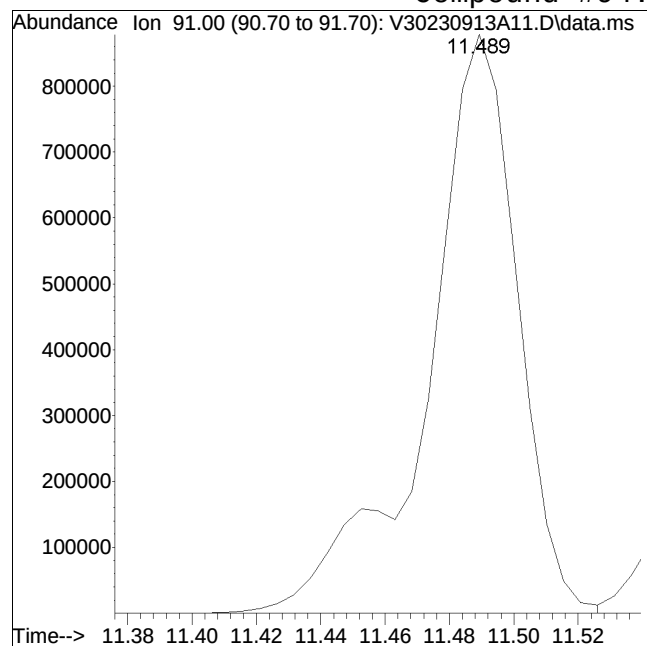


Manual Peak Response = 50274 M6

Manual Integration Report

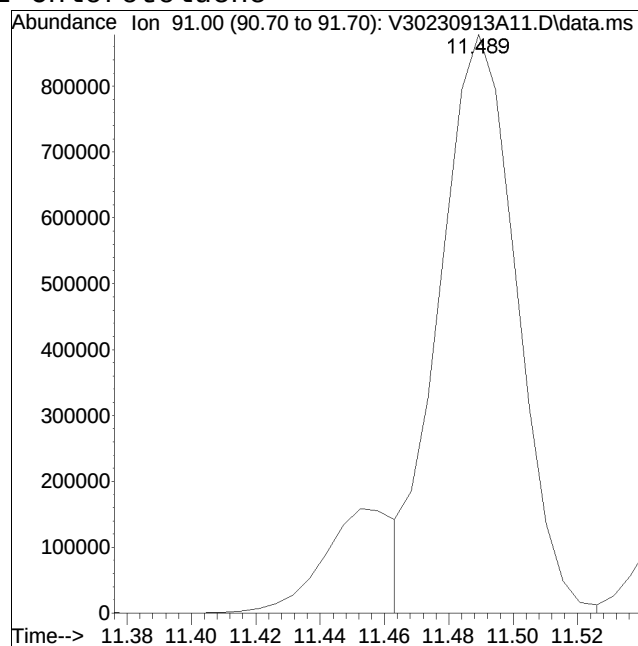
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A11.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 7:12 pm Instrument : VOA130
Sample : I8260STD80PPB Quant Date : 9/14/2023 12:02 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 1703717

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).



Manual Peak Response = 1457084 M6

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A12.D
 Acq On : 13 Sep 2023 07:34 pm
 Operator : VOA130:PID
 Sample : I8260STD120PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:02:18 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	230322	10.000	ug/L	# 0.00
Standard Area 1 = 211214			Recovery	=	109.05%	
63) Chlorobenzene-d5	9.691	117	216335	10.000	ug/L	# 0.00
Standard Area 1 = 199282			Recovery	=	108.56%	
84) 1,4-Dichlorobenzene-d4	12.370	152	147527	10.000	ug/L	0.00
Standard Area 1 = 119824			Recovery	=	123.12%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	71005	9.827	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.27%	
47) 1,2-Dichloroethane-d4	5.843	65	75659	10.441	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	104.41%	
64) Toluene-d8	7.840	98	258193	9.604	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.04%	
88) 4-Bromofluorobenzene	11.164	95	102596	9.305	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	93.05%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	710937	121.245	ug/L	96
3) Chloromethane	1.879	50	512482	112.957	ug/L	97
4) Vinyl chloride	1.958	62	670532	118.938	ug/L	99
5) Bromomethane	2.277	94	702735	105.255	ug/L	97
6) Chloroethane	2.393	64	484436	110.007	ug/L	98
7) Trichlorofluoromethane	2.539	101	1294074	118.458	ug/L	98
8) Ethyl ether	2.849	74	307799	117.140	ug/L	# 72
10) 1,1-Dichloroethene	3.043	96	462012	121.314	ug/L	# 67
11) Carbon disulfide	3.069	76	1228116	116.552	ug/L	98
12) Freon-113	3.085	101	507879	125.180	ug/L	# 83
13) Iodomethane	3.184	142	828888	127.686	ug/L	94
14) Acrolein	3.357	56	40225	135.033	ug/L	99
15) Methylene chloride	3.604	84	496624	113.921	ug/L	76
17) Acetone	3.635	43	77610	74.564	ug/L	91
18) trans-1,2-Dichloroethene	3.761	96	507804	119.595	ug/L	73
19) Methyl acetate	3.761	43	190385	104.805	ug/L	# 78
21) Methyl tert-butyl ether	3.861	73	1148846	125.144	ug/L	88
22) tert-Butyl alcohol	3.945	59	120279	578.820	ug/L	# 87
24) Diisopropyl ether	4.228	45	1276319	118.919	ug/L	# 89
25) 1,1-Dichloroethane	4.348	63	860571	116.842	ug/L	# 96
26) Halothane	4.401	117	403381	124.308	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A12.D
 Acq On : 13 Sep 2023 07:34 pm
 Operator : VOA130:PID
 Sample : I8260STD120PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:02:18 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.385	53	95722	126.564	ug/L	# 90
28) Ethyl tert-butyl ether	4.584	59	1309248	122.544	ug/L	# 66
29) Vinyl acetate	4.584	43	490886	111.949	ug/L	# 94
30) cis-1,2-Dichloroethene	4.873	96	567705	117.264	ug/L	# 74
31) 2,2-Dichloropropane	4.978	77	756353	118.685	ug/L	# 81
33) Bromochloromethane	5.067	128	281964	121.289	ug/L	# 49
34) Cyclohexane	5.077	56	787683	127.699	ug/L	# 66
35) Chloroform	5.135	83	905338	115.391	ug/L	# 95
36) Ethyl acetate	5.245	43	267307	120.040	ug/L	# 94
37) Carbon tetrachloride	5.282	117	749134	134.282	ug/L	# 98
38) Tetrahydrofuran	5.287	42	71559M1	116.914	ug/L	# 91
40) 1,1,1-Trichloroethane	5.345	97	828047	120.402	ug/L	# 97
42) 2-Butanone	5.428	43	113019	115.887	ug/L	# 91
43) 1,1-Dichloropropene	5.470	75	687949	126.845	ug/L	# 94
45) Benzene	5.717	78	1937953	123.631	ug/L	# 88
46) tert-Amyl methyl ether	5.832	73	1240442	120.621	ug/L	# 97
48) 1,2-Dichloroethane	5.916	62	612331	116.378	ug/L	# 72
51) Methyl cyclohexane	6.315	83	903948	131.444	ug/L	# 90
52) Trichloroethene	6.315	95	625472	133.885	ug/L	# 90
54) Dibromomethane	6.750	93	301505	119.397	ug/L	# 93
55) 1,2-Dichloropropane	6.860	63	464419	121.908	ug/L	# 77
57) 2-Chloroethyl vinyl ether	7.557	63	243348	125.314	ug/L	# 97
58) Bromodichloromethane	6.928	83	707550	122.176	ug/L	# 81
61) 1,4-Dioxane	7.138	88	34702	1244.807	ug/L	# 86
62) cis-1,3-Dichloropropene	7.625	75	783865	125.893	ug/L	# 100
65) Toluene	7.898	92	1294224	118.396	ug/L	# 78
66) 4-Methyl-2-pentanone	8.328	58	105396	118.052	ug/L	# 95
67) Tetrachloroethene	8.349	166	570149	122.238	ug/L	# 84
69) trans-1,3-Dichloropropene	8.375	75	696153	131.118	ug/L	# 76
71) Ethyl methacrylate	8.569	69	475175	116.763	ug/L	# 93
72) 1,1,2-Trichloroethane	8.564	83	341176	123.199	ug/L	# 98
73) Chlorodibromomethane	8.774	129	520688	131.501	ug/L	# 99
74) 1,3-Dichloropropane	8.889	76	653361	122.198	ug/L	# 99
75) 1,2-Dibromoethane	9.051	107	415353	124.449	ug/L	# 93
77) 2-Hexanone	9.340	43	182829	109.530	ug/L	# 88
78) Chlorobenzene	9.712	112	1473199	117.471	ug/L	# 95
79) Ethylbenzene	9.754	91	2649599	125.220	ug/L	# 98
80) 1,1,1,2-Tetrachloroethane	9.796	131	567229	129.075	ug/L	# 87
81) p/m Xylene	9.943	106	2271530	257.191	ug/L	# 88
82) o Xylene	10.478	106	2297644	254.024	ug/L	#

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A12.D
 Acq On : 13 Sep 2023 07:34 pm
 Operator : VOA130:PID
 Sample : I8260STD120PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:02:18 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	10.540	104	4061196	270.947	ug/L	91
85)	Bromoform	10.556	173	404821	139.284	ug/L	98
87)	Isopropylbenzene	10.855	105	2873179	118.658	ug/L	95
89)	Bromobenzene	11.280	156	679358	110.957	ug/L	99
90)	n-Propylbenzene	11.327	91	3462620	120.773	ug/L	92
91)	1,4-Dichlorobutane	11.337	55	600362	111.878	ug/L #	91
92)	1,1,2,2-Tetrachloroethane	11.400	83	444796	105.997	ug/L #	99
93)	4-Ethyltoluene	11.453	105	2932842	118.952	ug/L	96
94)	2-Chlorotoluene	11.489	91	1965869M6	115.947	ug/L	
95)	1,3,5-Trimethylbenzene	11.552	105	2588565	119.501	ug/L	96
96)	1,2,3-Trichloropropane	11.542	75	405279	116.532	ug/L #	79
97)	trans-1,4-Dichloro-2-b...	11.594	53	139719	114.580	ug/L #	82
98)	4-Chlorotoluene	11.673	91	2038510	115.811	ug/L #	88
99)	tert-Butylbenzene	11.888	119	2136014	121.112	ug/L	92
102)	1,2,4-Trimethylbenzene	11.967	105	2599868	120.664	ug/L	95
103)	sec-Butylbenzene	12.077	105	3228340	123.870	ug/L	92
104)	p-Isopropyltoluene	12.234	119	2865980	125.434	ug/L	96
105)	1,3-Dichlorobenzene	12.292	146	1494457	119.649	ug/L	97
106)	1,4-Dichlorobenzene	12.386	146	1463291	114.982	ug/L	97
107)	p-Diethylbenzene	12.601	119	1737686	126.699	ug/L	95
108)	n-Butylbenzene	12.659	91	2471852	127.068	ug/L #	96
109)	1,2-Dichlorobenzene	12.806	146	1370081	114.877	ug/L	97
110)	1,2,4,5-Tetramethylben...	13.393	119	2683255	124.622	ug/L	95
111)	1,2-Dibromo-3-chloropr...	13.576	155	88083	122.069	ug/L	96
112)	1,3,5-Trichlorobenzene	13.613	180	1016200	117.328	ug/L	96
113)	Hexachlorobutadiene	14.195	225	306786	126.058	ug/L	99
114)	1,2,4-Trichlorobenzene	14.211	180	843220	112.659	ug/L	100
115)	Naphthalene	14.504	128	1825552	111.279	ug/L	100
116)	1,2,3-Trichlorobenzene	14.672	180	774442	111.981	ug/L	99

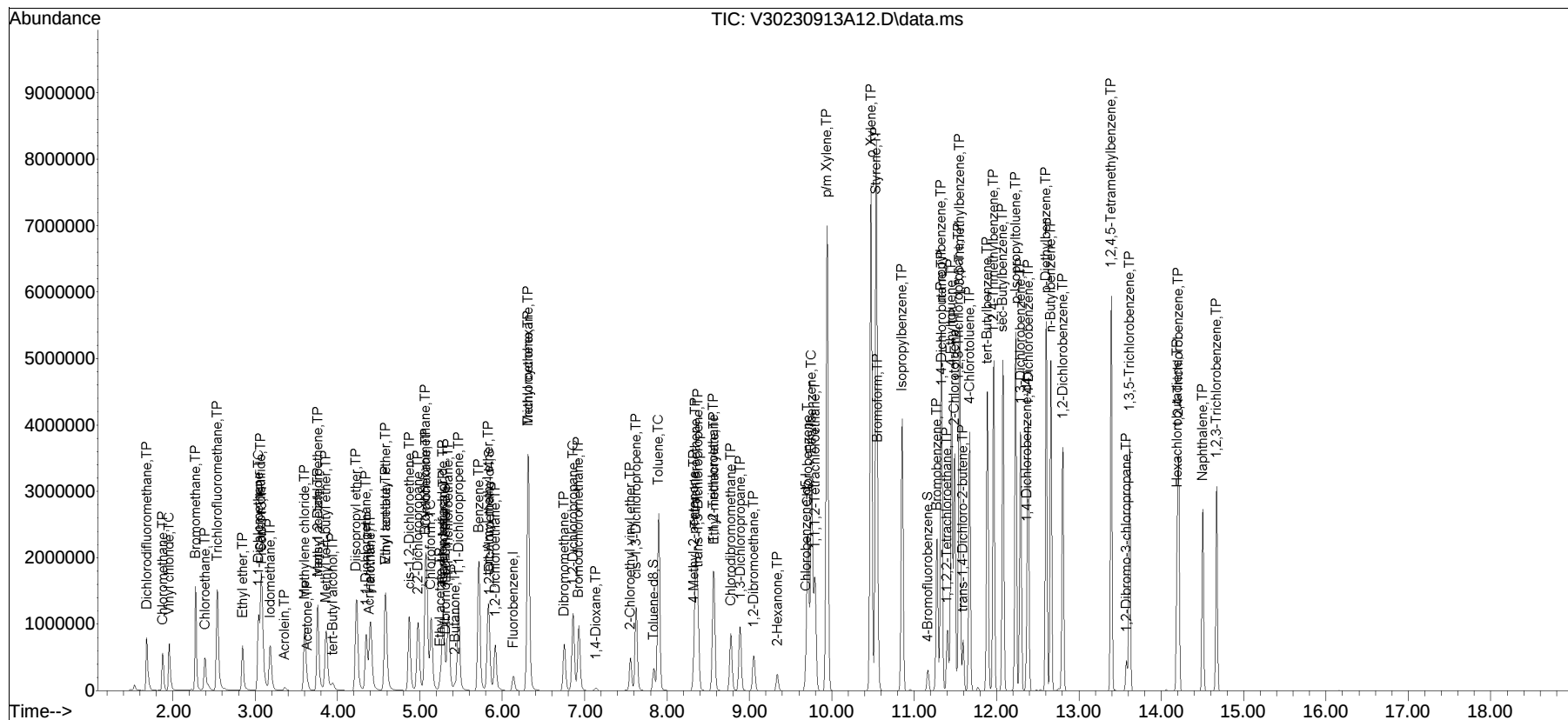
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
Data File : V30230913A12.D
Acq On : 13 Sep 2023 07:34 pm
Operator : VOA130:PID
Sample : I8260STD120PPB
Misc : WG1827534,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:02:18 2023
Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Sep 14 12:00:07 2023
Response via : Initial Calibration

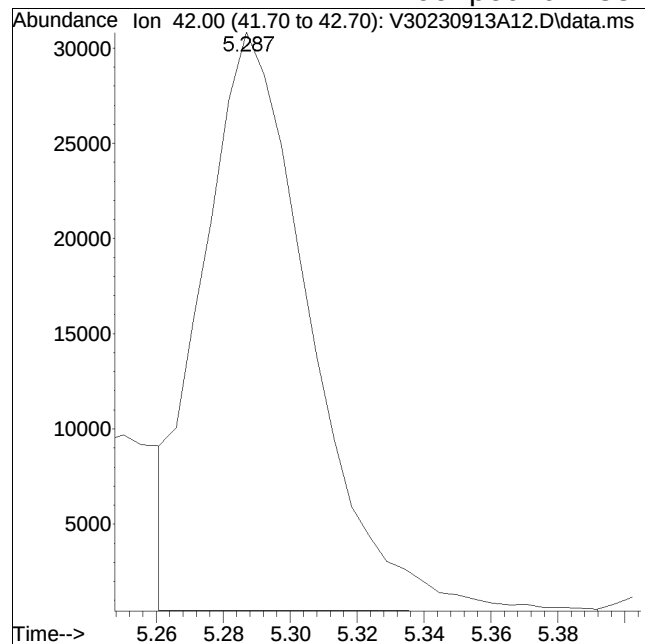
Sub List : 8260-Curve - Megamix plus DioxV30230913A09.D•



Manual Integration Report

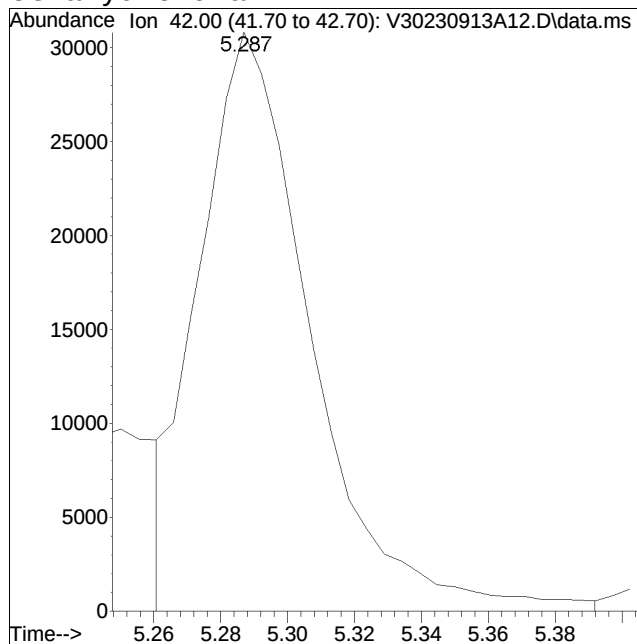
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A12.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 7:34 pm Instrument : VOA130
Sample : I8260STD120PPB Quant Date : 9/14/2023 12:02 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 67984

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

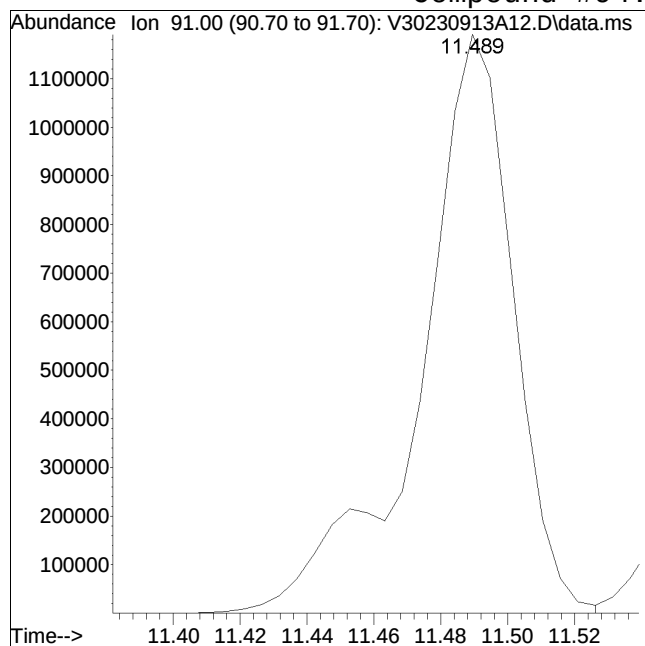


Manual Peak Response = 71559 M1

Manual Integration Report

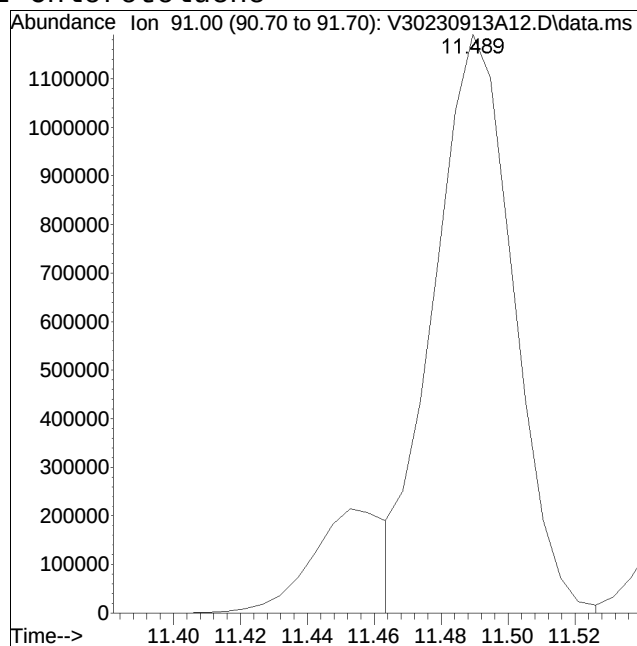
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A12.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 7:34 pm Instrument : VOA130
Sample : I8260STD120PPB Quant Date : 9/14/2023 12:02 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 2296706

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).



Manual Peak Response = 1965869 M6

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A13.D
 Acq On : 13 Sep 2023 07:56 pm
 Operator : VOA130:PID
 Sample : I8260STD200PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:02:28 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	237010	10.000	ug/L	# 0.00
Standard Area 1 = 211214			Recovery	=	112.21%	
63) Chlorobenzene-d5	9.691	117	225375	10.000	ug/L	# 0.00
Standard Area 1 = 199282			Recovery	=	113.09%	
84) 1,4-Dichlorobenzene-d4	12.370	152	151287	10.000	ug/L	0.00
Standard Area 1 = 119824			Recovery	=	126.26%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.318	113	72478	9.748	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.48%	
47) 1,2-Dichloroethane-d4	5.843	65	80508	10.797	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	107.97%	
64) Toluene-d8	7.840	98	264895	9.458	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	94.58%	
88) 4-Bromofluorobenzene	11.170	95	103950	9.194	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	91.94%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	1183882	196.205	ug/L	96
3) Chloromethane	1.879	50	855963	183.341	ug/L	96
4) Vinyl chloride	1.958	62	1131928	195.114	ug/L	99
5) Bromomethane	2.277	94	1171716	170.546	ug/L	97
6) Chloroethane	2.387	64	817137	180.321	ug/L	98
7) Trichlorofluoromethane	2.539	101	2174785	193.459	ug/L	98
8) Ethyl ether	2.849	74	520588	192.531	ug/L	# 72
10) 1,1-Dichloroethene	3.043	96	802060	204.661	ug/L	# 66
11) Carbon disulfide	3.069	76	2158944	199.109	ug/L	98
12) Freon-113	3.085	101	889212	212.984	ug/L	84
13) Iodomethane	3.179	142	1424736	213.280	ug/L	94
14) Acrolein	3.357	56	70922	231.363	ug/L	100
15) Methylene chloride	3.604	84	853115	190.175	ug/L	75
17) Acetone	3.641	43	132693	123.887	ug/L	91
18) trans-1,2-Dichloroethene	3.761	96	886177	202.817	ug/L	73
19) Methyl acetate	3.761	43	342458	183.199	ug/L	# 78
21) Methyl tert-butyl ether	3.861	73	1972855	208.840	ug/L	88
22) tert-Butyl alcohol	3.945	59	209854	981.386	ug/L	# 87
24) Diisopropyl ether	4.228	45	2206493	199.785	ug/L	# 89
25) 1,1-Dichloroethane	4.348	63	1477282	194.914	ug/L	# 96
26) Halothane	4.401	117	699002	209.329	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A13.D
 Acq On : 13 Sep 2023 07:56 pm
 Operator : VOA130:PID
 Sample : I8260STD200PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:02:28 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.385	53	165029	212.045	ug/L	# 90
28) Ethyl tert-butyl ether	4.584	59	2302907	209.466	ug/L	# 68
29) Vinyl acetate	4.584	43	926410	205.310	ug/L	# 93
30) cis-1,2-Dichloroethene	4.873	96	977996	196.313	ug/L	# 74
31) 2,2-Dichloropropane	4.978	77	1283683	195.748	ug/L	# 81
33) Bromochloromethane	5.067	128	493622	206.344	ug/L	# 49
34) Cyclohexane	5.077	56	1349402	212.591	ug/L	# 66
35) Chloroform	5.135	83	1555780	192.699	ug/L	# 95
36) Ethyl acetate	5.250	43	448949	195.922	ug/L	# 94
37) Carbon tetrachloride	5.282	117	1277627	222.552	ug/L	# 98
38) Tetrahydrofuran	5.287	42	122159M6	193.953	ug/L	# 91
40) 1,1,1-Trichloroethane	5.345	97	1404194	198.415	ug/L	# 99
42) 2-Butanone	5.428	43	194094	193.404	ug/L	# 91
43) 1,1-Dichloropropene	5.470	75	1171014	209.820	ug/L	# 94
45) Benzene	5.717	78	3335702	206.794	ug/L	# 88
46) tert-Amyl methyl ether	5.832	73	2151290	203.288	ug/L	# 97
48) 1,2-Dichloroethane	5.916	62	1052641	194.417	ug/L	# 73
51) Methyl cyclohexane	6.315	83	1585243	224.006	ug/L	# 89
52) Trichloroethene	6.315	95	1082656	225.207	ug/L	# 89
54) Dibromomethane	6.750	93	517225	199.044	ug/L	# 93
55) 1,2-Dichloropropane	6.860	63	788659	201.177	ug/L	# 77
57) 2-Chloroethyl vinyl ether	7.557	63	408391	204.370	ug/L	# 97
58) Bromodichloromethane	6.928	83	1205351	202.260	ug/L	# 80
61) 1,4-Dioxane	7.138	88	54849	1911.987	ug/L	# 86
62) cis-1,3-Dichloropropene	7.625	75	1351336	210.908	ug/L	# 99
65) Toluene	7.898	92	2263000	198.716	ug/L	# 77
66) 4-Methyl-2-pentanone	8.328	58	178678	192.106	ug/L	# 96
67) Tetrachloroethene	8.349	166	1006054	207.043	ug/L	# 83
69) trans-1,3-Dichloropropene	8.375	75	1216797	219.986	ug/L	# 74
71) Ethyl methacrylate	8.574	69	817613	192.850	ug/L	# 93
72) 1,1,2-Trichloroethane	8.564	83	590958	204.836	ug/L	# 98
73) Chlorodibromomethane	8.774	129	905004	219.393	ug/L	# 99
74) 1,3-Dichloropropane	8.889	76	1116054	200.363	ug/L	# 100
75) 1,2-Dibromoethane	9.051	107	705828	202.999	ug/L	# 92
77) 2-Hexanone	9.340	43	303116	174.307	ug/L	# 90
78) Chlorobenzene	9.712	112	2579310	197.421	ug/L	# 94
79) Ethylbenzene	9.759	91	4574365	207.514	ug/L	# 98
80) 1,1,1,2-Tetrachloroethane	9.796	131	989566	216.147	ug/L	# 85
81) p/m Xylene	9.943	106	4012986	436.140	ug/L	# 85
82) o Xylene	10.478	106	4092822	434.345	ug/L	# 85

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A13.D
 Acq On : 13 Sep 2023 07:56 pm
 Operator : VOA130:PID
 Sample : I8260STD200PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:02:28 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:00:07 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	10.540	104	6995069	447.964	ug/L	93
85)	Bromoform	10.556	173	733035	245.942	ug/L	97
87)	Isopropylbenzene	10.855	105	4902475	197.433	ug/L	94
89)	Bromobenzene	11.280	156	1202164	191.465	ug/L	99
90)	n-Propylbenzene	11.327	91	5896600	200.556	ug/L #	90
91)	1,4-Dichlorobutane	11.332	55	1040848	189.142	ug/L #	91
92)	1,1,2,2-Tetrachloroethane	11.406	83	773963	179.855	ug/L #	99
93)	4-Ethyltoluene	11.458	105	4989724	197.346	ug/L	95
94)	2-Chlorotoluene	11.489	91	3396513M6	195.347	ug/L	
95)	1,3,5-Trimethylbenzene	11.552	105	4456351	200.614	ug/L	95
96)	1,2,3-Trichloropropane	11.542	75	705105	197.703	ug/L #	78
97)	trans-1,4-Dichloro-2-b...	11.594	53	230531	184.355	ug/L #	76
98)	4-Chlorotoluene	11.673	91	3498937	193.840	ug/L #	87
99)	tert-Butylbenzene	11.893	119	3664149	202.594	ug/L	93
102)	1,2,4-Trimethylbenzene	11.967	105	4405056	199.364	ug/L	94
103)	sec-Butylbenzene	12.082	105	5402163	202.127	ug/L	90
104)	p-Isopropyltoluene	12.234	119	4844419	206.754	ug/L	96
105)	1,3-Dichlorobenzene	12.292	146	2548167	198.941	ug/L	97
106)	1,4-Dichlorobenzene	12.386	146	2519234	193.035	ug/L	97
107)	p-Diethylbenzene	12.606	119	3001355	213.397	ug/L	95
108)	n-Butylbenzene	12.659	91	4096956	205.375	ug/L #	96
109)	1,2-Dichlorobenzene	12.806	146	2347273	191.920	ug/L	97
110)	1,2,4,5-Tetramethylben...	13.393	119	4709350	213.287	ug/L	95
111)	1,2-Dibromo-3-chloropr...	13.581	155	149551	202.103	ug/L	97
112)	1,3,5-Trichlorobenzene	13.618	180	1792107	201.769	ug/L	97
113)	Hexachlorobutadiene	14.195	225	536628	215.019	ug/L	99
114)	1,2,4-Trichlorobenzene	14.211	180	1506494	196.274	ug/L	99
115)	Naphthalene	14.504	128	3153629	187.456	ug/L	100
116)	1,2,3-Trichlorobenzene	14.672	180	1377266	194.197	ug/L	99

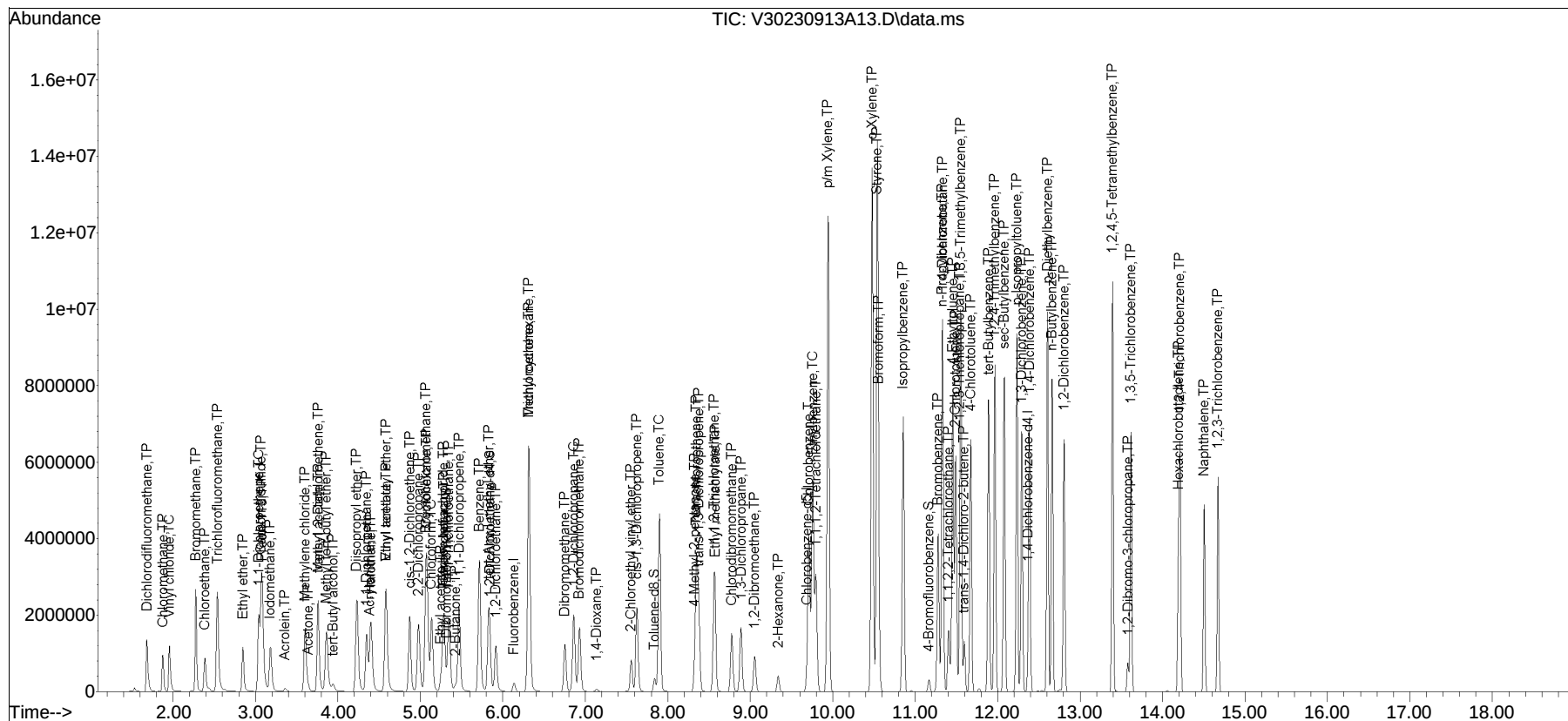
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
Data File : V30230913A13.D
Acq On : 13 Sep 2023 07:56 pm
Operator : VOA130:PID
Sample : I8260STD200PPB
Misc : WG1827534,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:02:28 2023
Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Sep 14 12:00:07 2023
Response via : Initial Calibration

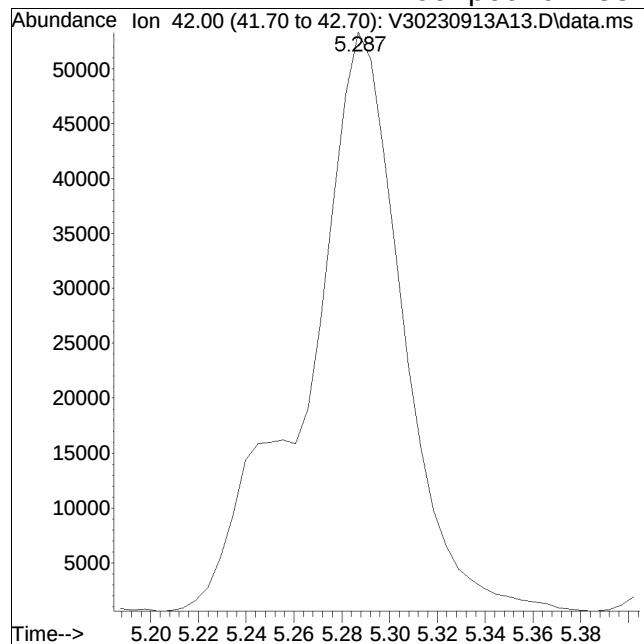
Sub List : 8260-Curve - Megamix plus DioxV30230913A09.D•



Manual Integration Report

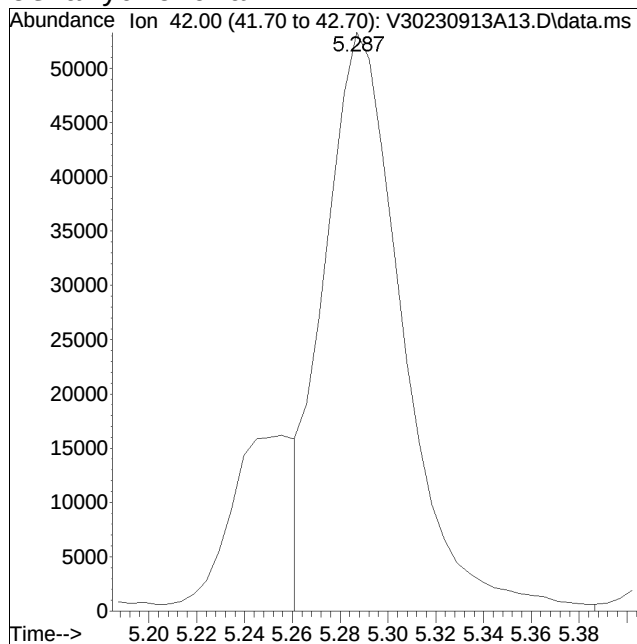
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A13.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 7:56 pm Instrument : VOA130
Sample : I8260STD200PPB Quant Date : 9/14/2023 12:02 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 146428

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

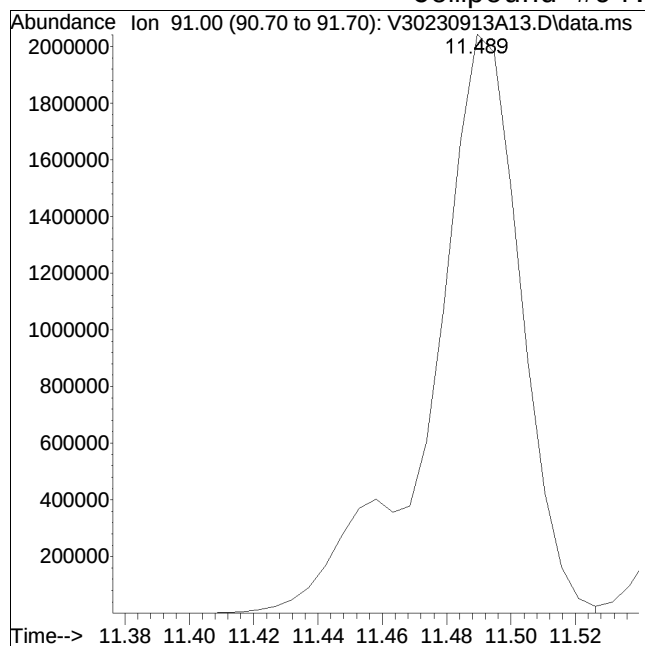


Manual Peak Response = 122159 M6

Manual Integration Report

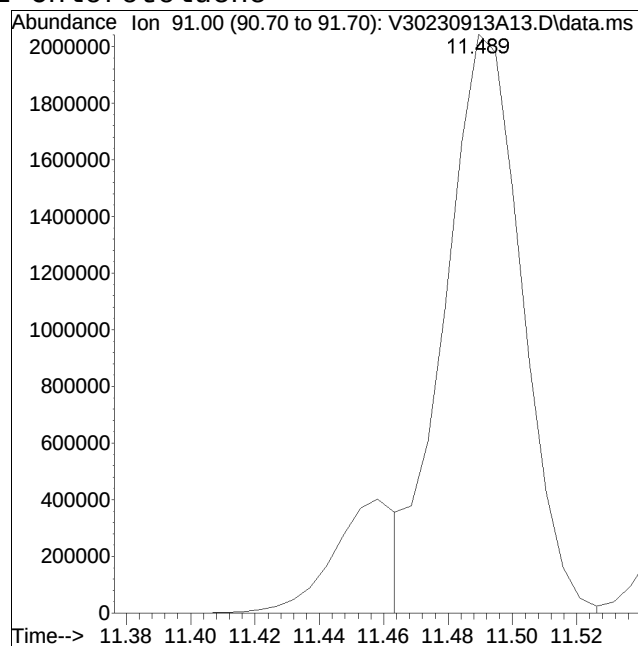
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A13.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 7:56 pm Instrument : VOA130
Sample : I8260STD200PPB Quant Date : 9/14/2023 12:02 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 3944997

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).



Manual Peak Response = 3396513 M6

Evaluate Continuing Calibration Report

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A18.D
 Acq On : 13 Sep 2023 09:45 pm
 Operator : VOA130:PID
 Sample : C8260STD10PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:07:53 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	91	0.00
2 TP	Dichlorodifluoromethane	0.255	0.194	23.9#	66	0.00
3 TP	Chloromethane	0.197	0.189	4.1	84	0.00
4 TC	Vinyl chloride	0.245	0.242	1.2	83	0.00
5 TP	Bromomethane	0.290	0.299	-3.1	93	0.00
6 TP	Chloroethane	0.191	0.191	0.0	90	0.00
7 TP	Trichlorofluoromethane	0.474	0.494	-4.2	89	0.00
8 TP	Ethyl ether	0.114	0.111	2.6	86	0.00
10 TC	1,1-Dichloroethene	0.165	0.154	6.7	84	0.00
11 TP	Carbon disulfide	0.457	0.371	18.8	76	0.00
12 TP	Freon-113	0.176	0.149	15.3	74	0.00
13 TP	Iodomethane	0.282	0.236	16.3	78	0.00
14 TP	Acrolein	0.014	0.011	21.4#	77	0.00
15 TP	Methylene chloride	0.189	0.185	2.1	90	0.00
17 TP	Acetone	* 10.000	8.555	14.5	79	0.00
18 TP	trans-1,2-Dichloroethene	0.184	0.173	6.0	87	0.00
19 TP	Methyl acetate	0.072	0.055	23.6#	75	0.00
21 TP	Methyl tert-butyl ether	0.399	0.334	16.3	80	0.00
22 TP	tert-Butyl alcohol	0.00902	0.00754#	16.4	82	0.00
24 TP	Diisopropyl ether	0.466	0.420	9.9	84	0.00
25 TP	1,1-Dichloroethane	0.320	0.311	2.8	86	0.00
26 TP	Halothane	0.141	0.124	12.1	80	0.00
27 TP	Acrylonitrile	0.033	0.033	0.0	90	0.00
28 TP	Ethyl tert-butyl ether	0.464	0.393	15.3	81	0.00
29 TP	Vinyl acetate	0.190	0.126	33.7#	66	0.00
30 TP	cis-1,2-Dichloroethene	0.210	0.198#	5.7	85	0.00
31 TP	2,2-Dichloropropane	0.277	0.238	14.1	78	0.00
33 TP	Bromochloromethane	0.101	0.095#	5.9	86	0.00
34 TP	Cyclohexane	0.268	0.214	20.1#	72	0.00
35 TC	Chloroform	0.341	0.343	-0.6	91	0.00
36 TP	Ethyl acetate	0.097	0.076	21.6#	76	0.00
37 TP	Carbon tetrachloride	0.256	0.234	8.6	83	0.00
38 TP	Tetrahydrofuran	0.027	0.023	14.8	78	0.00
39 S	Dibromofluoromethane	0.314	0.321	-2.2	92	0.00
40 TP	1,1,1-Trichloroethane	0.299	0.294	1.7	86	0.00
42 TP	2-Butanone	0.042	0.036	14.3	75	0.00
43 TP	1,1-Dichloropropene	0.235	0.210	10.6	82	0.00
45 TP	Benzene	0.681	0.642	5.7	87	0.00
46 TP	tert-Amyl methyl ether	0.446	0.379	15.0	81	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A18.D
 Acq On : 13 Sep 2023 09:45 pm
 Operator : VOA130:PID
 Sample : C8260STD10PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:07:53 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 S	1,2-Dichloroethane-d4	0.315	0.304	3.5	89	0.00
48 TP	1,2-Dichloroethane	0.228	0.205	10.1	83	0.00
51 TP	Methyl cyclohexane	0.299	0.229	23.4#	71	0.00
52 TP	Trichloroethene	0.203	0.195#	3.9	89	0.00
54 TP	Dibromomethane	0.110	0.097	11.8	82	0.00
55 TC	1,2-Dichloropropane	0.165	0.154	6.7	85	0.00
57 TP	2-Chloroethyl vinyl ether	0.084	0.072	14.3	79	0.00
58 TP	Bromodichloromethane	0.251	0.226#	10.0	83	0.00
61 TP	1,4-Dioxane	0.00121	0.00107#	11.6	92	0.00
62 TP	cis-1,3-Dichloropropene	0.270	0.238#	11.9	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 S	Toluene-d8	1.243	1.255	-1.0	93	0.00
65 TC	Toluene	0.505	0.460	8.9	87	0.00
66 TP	4-Methyl-2-pentanone	0.041	0.032	22.0#	73	0.00
67 TP	Tetrachloroethene	0.216	0.192	11.1	84	0.00
69 TP	trans-1,3-Dichloropropene	0.245	0.208#	15.1	84	0.00
71 TP	Ethyl methacrylate	0.188	0.175	6.9	90	0.00
72 TP	1,1,2-Trichloroethane	0.128	0.104#	18.8	81	0.00
73 TP	Chlorodibromomethane	0.183	0.150#	18.0	83	0.00
74 TP	1,3-Dichloropropane	0.247	0.208	15.8	82	0.00
75 TP	1,2-Dibromoethane	0.154	0.128#	16.9	82	0.00
77 TP	2-Hexanone	0.077	0.060	22.1#	76	0.00
78 T	Chlorobenzene	0.580	0.544	6.2	89	0.00
79 TC	Ethylbenzene	0.978	0.913	6.6	87	0.00
80 T	1,1,1,2-Tetrachloroethane	0.203	0.164	19.2	80	0.00
81 TP	p/m Xylene	0.408	0.378	7.4	89	0.00
82 TP	o Xylene	0.418	0.373	10.8	89	0.00
83 TP	Styrene	0.693	0.625	9.8	89	0.00
84 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
85 TP	Bromoform	0.197	0.147	25.4#	82	0.00
87 TP	Isopropylbenzene	1.641	1.460	11.0	82	0.00
88 S	4-Bromofluorobenzene	0.747	0.754	-0.9	92	0.00
89 TP	Bromobenzene	0.415	0.386	7.0	87	0.00
90 TP	n-Propylbenzene	1.943	1.804	7.2	87	0.00
91 TP	1,4-Dichlorobutane	0.364	0.340	6.6	90	0.00
92 TP	1,1,2,2-Tetrachloroethane	0.284	0.214	24.6#	74	0.00
93 TP	4-Ethyltoluene	1.671	1.553	7.1	86	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A18.D
 Acq On : 13 Sep 2023 09:45 pm
 Operator : VOA130:PID
 Sample : C8260STD10PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:07:53 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94 TP	2-Chlorotoluene	1.149	1.055	8.2	87	0.00
95 TP	1,3,5-Trimethylbenzene	1.468	1.327	9.6	85	0.00
96 TP	1,2,3-Trichloropropane	0.236	0.196	16.9	82	0.00
97 TP	trans-1,4-Dichloro-2-butene	0.083	0.071	14.5	85	0.00
98 TP	4-Chlorotoluene	1.193	1.110	7.0	88	0.00
99 TP	tert-Butylbenzene	1.195	1.110	7.1	86	0.00
102 TP	1,2,4-Trimethylbenzene	1.461	1.380	5.5	90	0.00
103 TP	sec-Butylbenzene	1.767	1.603	9.3	85	0.00
104 TP	p-Isopropyltoluene	1.549	1.385	10.6	85	0.00
105 TP	1,3-Dichlorobenzene	0.847	0.789	6.8	90	0.00
106 TP	1,4-Dichlorobenzene	0.863	0.800	7.3	90	0.00
107 TP	p-Diethylbenzene	0.930	0.801	13.9	83	0.00
108 TP	n-Butylbenzene	1.319	1.218	7.7	88	0.00
109 TP	1,2-Dichlorobenzene	0.808	0.748	7.4	89	0.00
110 TP	1,2,4,5-Tetramethylbenzene	1.459	1.258	13.8	84	0.00
111 TP	1,2-Dibromo-3-chloropropane	0.049	0.042	14.3	83	0.00
112 TP	1,3,5-Trichlorobenzene	0.587	0.496	15.5	80	0.00
113 TP	Hexachlorobutadiene	0.165	0.149	9.7	82	0.00
114 TP	1,2,4-Trichlorobenzene	0.507	0.459	9.5	86	0.00
115 TP	Naphthalene	1.112	0.938	15.6	85	0.00
116 TP	1,2,3-Trichlorobenzene	0.469	0.410	12.6	87	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 11 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A18.D
 Acq On : 13 Sep 2023 09:45 pm
 Operator : VOA130:PID
 Sample : C8260STD10PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:07:53 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	192934	10.000	ug/L	# 0.00
Standard Area 1 = 211214			Recovery	=	91.35%	
63) Chlorobenzene-d5	9.686	117	186098	10.000	ug/L	# 0.00
Standard Area 1 = 199282			Recovery	=	93.38%	
84) 1,4-Dichlorobenzene-d4	12.365	152	112081	10.000	ug/L	0.00
Standard Area 1 = 119824			Recovery	=	93.54%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.318	113	61846	10.218	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.18%	
47) 1,2-Dichloroethane-d4	5.843	65	58681	9.667	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.67%	
64) Toluene-d8	7.840	98	233541	10.099	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.99%	
88) 4-Bromofluorobenzene	11.164	95	84542	10.093	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.93%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	37398	7.614	ug/L	96
3) Chloromethane	1.879	50	36517	9.609	ug/L	97
4) Vinyl chloride	1.958	62	46747	9.899	ug/L	99
5) Bromomethane	2.277	94	57745	10.325	ug/L	97
6) Chloroethane	2.398	64	36843	9.988	ug/L	97
7) Trichlorofluoromethane	2.545	101	95330	10.417	ug/L	97
8) Ethyl ether	2.849	74	21368	9.708	ug/L	73
10) 1,1-Dichloroethene	3.038	96	29647	9.293	ug/L	# 66
11) Carbon disulfide	3.069	76	71579	8.109	ug/L	99
12) Freon-113	3.080	101	28666	8.435	ug/L	85
13) Iodomethane	3.179	142	45623	8.390	ug/L	94
14) Acrolein	3.357	56	2126	7.718	ug/L	92
15) Methylene chloride	3.604	84	35746	9.789	ug/L	77
17) Acetone	3.635	43	5166	8.555	ug/L	99
18) trans-1,2-Dichloroethene	3.756	96	33338	9.373	ug/L	73
19) Methyl acetate	3.761	43	10659	7.708	ug/L	# 83
21) Methyl tert-butyl ether	3.861	73	64533	8.392	ug/L	86
22) tert-Butyl alcohol	3.945	59	7271	41.771	ug/L	# 83
24) Diisopropyl ether	4.228	45	80966	9.006	ug/L	# 89
25) 1,1-Dichloroethane	4.348	63	59928	9.713	ug/L	# 97
26) Halothane	4.401	117	23885	8.787	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A18.D
 Acq On : 13 Sep 2023 09:45 pm
 Operator : VOA130:PID
 Sample : C8260STD10PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:07:53 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) Acrylonitrile	4.385	53	6309	9.958	ug/L		93
28) Ethyl tert-butyl ether	4.579	59	75859	8.476	ug/L	#	63
29) Vinyl acetate	4.584	43	24362	6.633	ug/L		99
30) cis-1,2-Dichloroethene	4.873	96	38172	9.413	ug/L	#	73
31) 2,2-Dichloropropane	4.978	77	46005	8.618	ug/L		82
33) Bromochloromethane	5.061	128	18360	9.428	ug/L	#	49
34) Cyclohexane	5.082	56	41366	8.006	ug/L	#	66
35) Chloroform	5.135	83	66269	10.083	ug/L		96
36) Ethyl acetate	5.250	43	14745	7.905	ug/L	#	93
37) Carbon tetrachloride	5.282	117	45138	9.144	ug/L		99
38) Tetrahydrofuran	5.292	42	4417M6	8.615	ug/L		
40) 1,1,1-Trichloroethane	5.345	97	56711	9.844	ug/L		92
42) 2-Butanone	5.423	43	6876	8.417	ug/L		94
43) 1,1-Dichloropropene	5.470	75	40588	8.934	ug/L		91
45) Benzene	5.717	78	123866	9.433	ug/L		94
46) tert-Amyl methyl ether	5.832	73	73174	8.494	ug/L		89
48) 1,2-Dichloroethane	5.916	62	39552	8.974	ug/L	#	98
51) Methyl cyclohexane	6.315	83	44206	7.674	ug/L	#	74
52) Trichloroethene	6.315	95	37542	9.593	ug/L		90
54) Dibromomethane	6.755	93	18801	8.888	ug/L	#	88
55) 1,2-Dichloropropane	6.860	63	29700	9.307	ug/L	#	94
57) 2-Chloroethyl vinyl ether	7.552	63	13867	8.525	ug/L	#	77
58) Bromodichloromethane	6.928	83	43615	8.991	ug/L	#	98
61) 1,4-Dioxane	7.138	88	10310	441.502	ug/L	#	83
62) cis-1,3-Dichloropropene	7.625	75	45823	8.786	ug/L	#	88
65) Toluene	7.898	92	85611	9.104	ug/L		98
66) 4-Methyl-2-pentanone	8.328	58	5903	7.686	ug/L	#	84
67) Tetrachloroethene	8.354	166	35801	8.923	ug/L		96
69) trans-1,3-Dichloropropene	8.375	75	38735	8.481	ug/L	#	78
71) Ethyl methacrylate	8.574	69	32606	9.314	ug/L	#	85
72) 1,1,2-Trichloroethane	8.564	83	19323	8.111	ug/L		91
73) Chlorodibromomethane	8.774	129	27907	8.193	ug/L		98
74) 1,3-Dichloropropane	8.884	76	38748	8.425	ug/L		99
75) 1,2-Dibromoethane	9.051	107	23909	8.328	ug/L		98
77) 2-Hexanone	9.340	43	11175	7.782	ug/L		97
78) Chlorobenzene	9.712	112	101325	9.392	ug/L		89
79) Ethylbenzene	9.754	91	169819	9.330	ug/L		95
80) 1,1,1,2-Tetrachloroethane	9.796	131	30546	8.080	ug/L		99
81) p/m Xylene	9.943	106	140783	18.530	ug/L		89
82) o Xylene	10.472	106	138817	17.841	ug/L		89

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
 Data File : V30230913A18.D
 Acq On : 13 Sep 2023 09:45 pm
 Operator : VOA130:PID
 Sample : C8260STD10PPB
 Misc : WG1827534,ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:07:53 2023
 Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230913ICAL\V30230913A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	10.535	104	232591	18.039	ug/L	89
85)	Bromoform	10.556	173	16456	7.453	ug/L	99
87)	Isopropylbenzene	10.855	105	163689	8.898	ug/L	97
89)	Bromobenzene	11.280	156	43224	9.292	ug/L	100
90)	n-Propylbenzene	11.327	91	202207	9.283	ug/L	93
91)	1,4-Dichlorobutane	11.332	55	38065	9.337	ug/L	93
92)	1,1,2,2-Tetrachloroethane	11.400	83	23987	7.524	ug/L #	98
93)	4-Ethyltoluene	11.453	105	174016	9.290	ug/L	97
94)	2-Chlorotoluene	11.490	91	118232M6	9.179	ug/L	
95)	1,3,5-Trimethylbenzene	11.547	105	148717	9.037	ug/L	96
96)	1,2,3-Trichloropropane	11.542	75	21971	8.315	ug/L #	80
97)	trans-1,4-Dichloro-2-b...	11.594	53	7924	8.553	ug/L #	92
98)	4-Chlorotoluene	11.668	91	124383	9.301	ug/L #	88
99)	tert-Butylbenzene	11.888	119	124390	9.283	ug/L	91
102)	1,2,4-Trimethylbenzene	11.967	105	154655	9.448	ug/L	96
103)	sec-Butylbenzene	12.077	105	179683	9.075	ug/L	93
104)	p-Isopropyltoluene	12.229	119	155221	8.942	ug/L	95
105)	1,3-Dichlorobenzene	12.292	146	88413	9.317	ug/L	96
106)	1,4-Dichlorobenzene	12.381	146	89666	9.274	ug/L	98
107)	p-Diethylbenzene	12.601	119	89804	8.619	ug/L	94
108)	n-Butylbenzene	12.659	91	136466	9.234	ug/L #	95
109)	1,2-Dichlorobenzene	12.806	146	83781	9.246	ug/L	96
110)	1,2,4,5-Tetramethylben...	13.393	119	140953	8.617	ug/L	96
111)	1,2-Dibromo-3-chloropr...	13.576	155	4674	8.526	ug/L	95
112)	1,3,5-Trichlorobenzene	13.613	180	55610	8.451	ug/L	97
113)	Hexachlorobutadiene	14.190	225	16712	9.039	ug/L	99
114)	1,2,4-Trichlorobenzene	14.211	180	51496	9.056	ug/L	99
115)	Naphthalene	14.504	128	105127	8.435	ug/L	100
116)	1,2,3-Trichlorobenzene	14.672	180	45917	8.739	ug/L	99

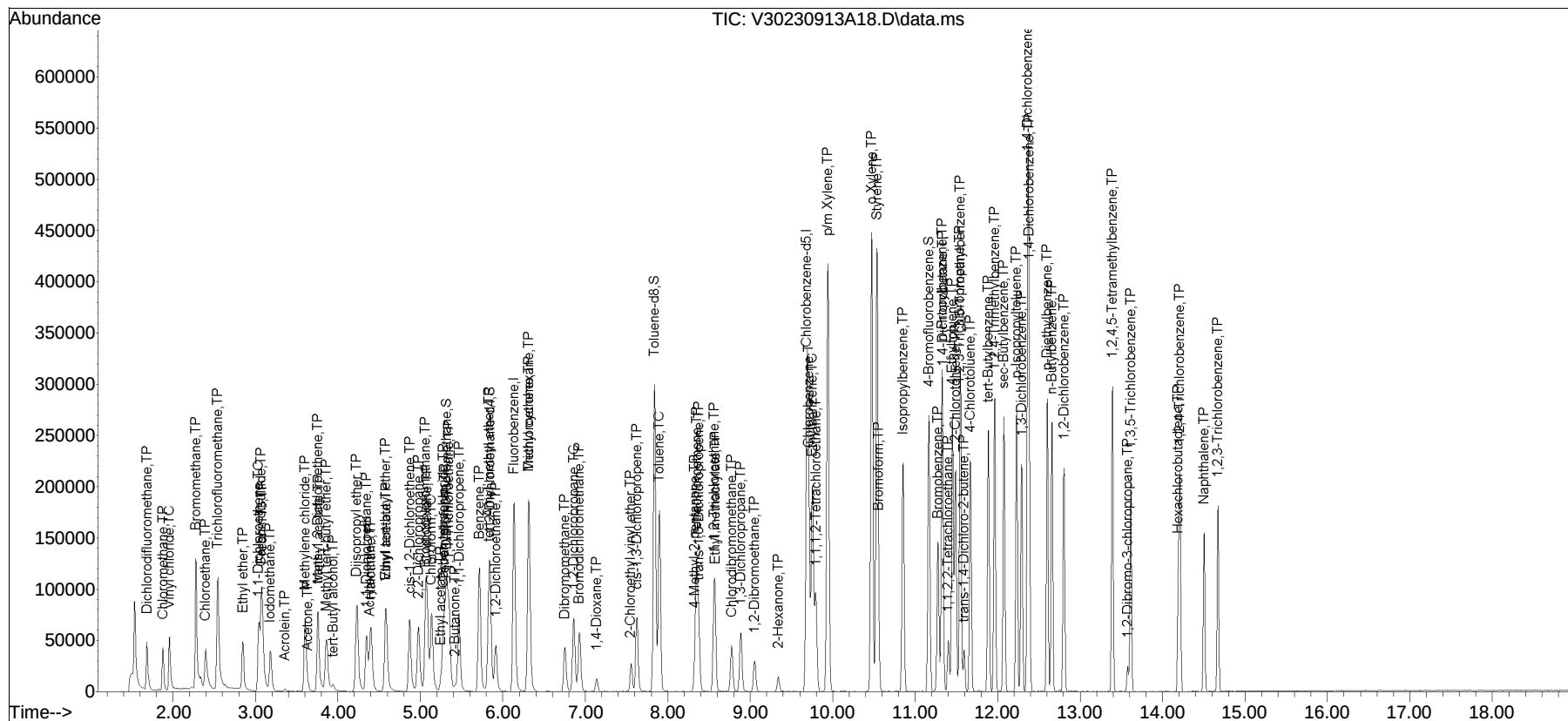
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : K:\VOA130\2023\230913ICAL\
Data File : V30230913A18.D
Acq On : 13 Sep 2023 09:45 pm
Operator : VOA130:PID
Sample : C8260STD10PPB
Misc : WG1827534,ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 12:07:53 2023
Quant Method : K:\VOA130\2023\230913ICAL\V130_230913A_8260D.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Sep 14 12:06:27 2023
Response via : Initial Calibration

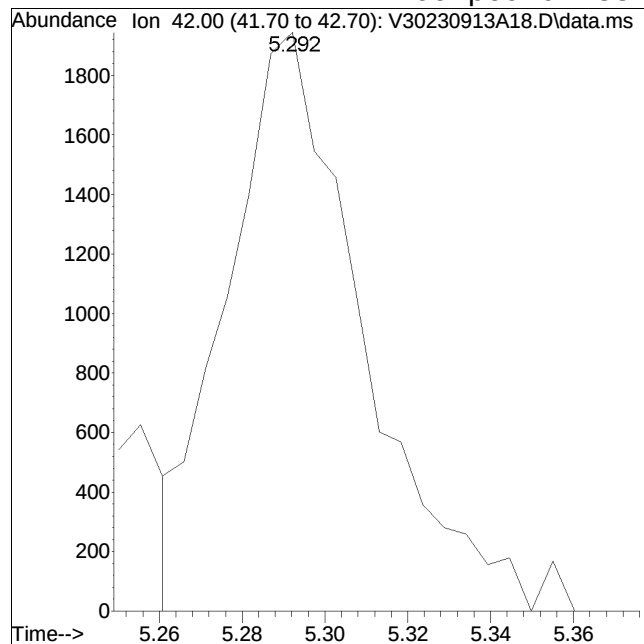
Sub List : 8260-Curve - Megamix plus DioxV30230913A09.D•



Manual Integration Report

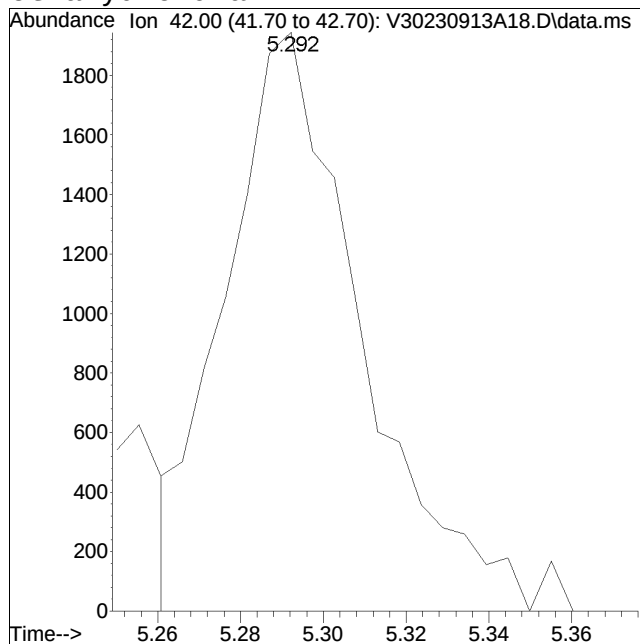
Data Path : K:\VOA130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A18.D Operator : VOA130:PID
Date Inj'd : 9/13/2023 9:45 pm Instrument : VOA130
Sample : C8260STD10PPB Quant Date : 9/14/2023 12:07 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 4469

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

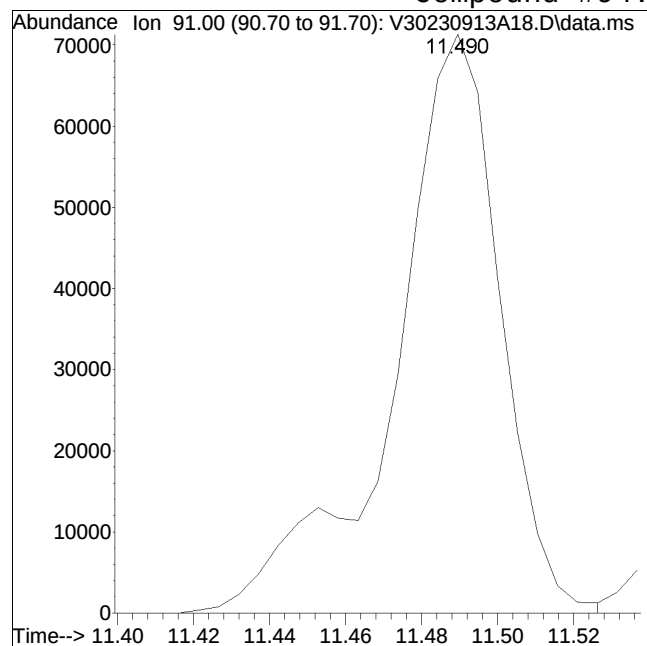


Manual Peak Response = 4417 M6

Manual Integration Report

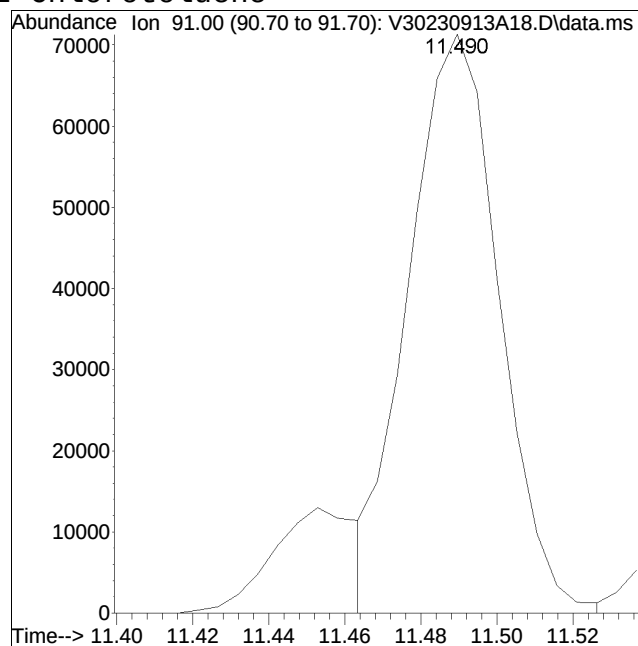
Data Path : K:\V0A130\2023\230913ICAL\QMethod : V130_230913A_8260D.m
Data File : V30230913A18.D Operator : V0A130:PID
Date Inj'd : 9/13/2023 9:45 pm Instrument : V0A130
Sample : C8260STD10PPB Quant Date : 9/14/2023 12:07 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 138313

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).



Manual Peak Response = 118232 M6

Method Path : K:\VOA130\2023\230913ICAL\
Method File : V130_230913A_8260D.m
Title : VOLATILES BY GC/MS
Last Update : Thu Sep 14 12:06:27 2023

COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
17 TP Acetone	L	ug/L	10.0	10.020	0.2	2.00	2.108	5.4

Calibration Correlation Report

COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
17 TP Acetone	Linear	0.999539	0.000000	0.0277146	0.00306522

Continuing Calibration

Calibration Verification Summary

Form 7

Volatiles

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Instrument ID : VOA130
 Lab File ID : V30230915A01
 Sample No : WG1828105-2
 Channel :

Lab Number : L2353445
 Project Number : 2011-31
 Calibration Date : 09/15/23 05:41
 Init. Calib. Date(s) : 09/13/23 09/13/23
 Init. Calib. Times : 16:17 19:56

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	93	0
Dichlorodifluoromethane	0.255	0.269	-	-5.5	20	93	0
Chloromethane	0.197	0.193	-	2	20	87	0
Vinyl chloride	0.245	0.286	-	-16.7	20	99	0
Bromomethane	0.29	0.236	-	18.6	20	74	0
Chloroethane	0.191	0.219	-	-14.7	20	105	-.01
Trichlorofluoromethane	0.474	0.593	-	-25.1*	20	109	0
Ethyl ether	0.114	0.14	-	-22.8*	20	111	0
1,1-Dichloroethene	0.165	0.173	-	-4.8	20	96	0
Carbon disulfide	0.457	0.477	-	-4.4	20	100	0
Freon-113	0.176	0.196	-	-11.4	20	99	0
Acrolein	0.014	0.015	-	-7.1	20	108	0
Methylene chloride	0.189	0.194	-	-2.6	20	95	0
Acetone	10	11.259	-	-12.6	20	103	0
trans-1,2-Dichloroethene	0.184	0.193	-	-4.9	20	98	0
Methyl acetate	0.072	0.076	-	-5.6	20	105	0
Methyl tert-butyl ether	0.399	0.433	-	-8.5	20	105	0
tert-Butyl alcohol	0.00902	0.01017	-	-12.7	20	112	0
Diisopropyl ether	0.466	0.482	-	-3.4	20	98	0
1,1-Dichloroethane	0.32	0.326	-	-1.9	20	92	0
Halothane	0.141	0.144	-	-2.1	20	94	0
Acrylonitrile	0.033	0.036	-	-9.1	20	101	0
Ethyl tert-butyl ether	0.464	0.478	-	-3	20	101	0
Vinyl acetate	0.19	0.264	-	-38.9*	20	140	0
cis-1,2-Dichloroethene	0.21	0.215	-	-2.4	20	94	0
2,2-Dichloropropane	0.277	0.298	-	-7.6	20	100	0
Bromochloromethane	0.101	0.103	-	-2	20	95	0
Cyclohexane	0.268	0.279	-	-4.1	20	95	0
Chloroform	0.341	0.342	-	-0.3	20	92	0
Ethyl acetate	0.097	0.104	-	-7.2	20	105	0
Carbon tetrachloride	0.256	0.249	-	2.7	20	90	0
Tetrahydrofuran	0.027	0.029	-	-7.4	20	101	0
Dibromofluoromethane	0.314	0.304	-	3.2	20	89	0
1,1,1-Trichloroethane	0.299	0.305	-	-2	20	91	0
2-Butanone	0.042	0.046	-	-9.5	20	98	0
1,1-Dichloropropene	0.235	0.25	-	-6.4	20	100	0
Benzene	0.681	0.717	-	-5.3	20	99	0
tert-Amyl methyl ether	0.446	0.459	-	-2.9	20	100	0
1,2-Dichloroethane-d4	0.315	0.305	-	3.2	20	91	0
1,2-Dichloroethane	0.228	0.228	-	0	20	94	0
Methyl cyclohexane	0.299	0.314	-	-5	20	99	0
Trichloroethene	0.203	0.199*	-	2	20	93	0
Dibromomethane	0.11	0.111	-	-0.9	20	95	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Instrument ID : VOA130
 Lab File ID : V30230915A01
 Sample No : WG1828105-2
 Channel :

Lab Number : L2353445
 Project Number : 2011-31
 Calibration Date : 09/15/23 05:41
 Init. Calib. Date(s) : 09/13/23 09/13/23
 Init. Calib. Times : 16:17 19:56

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.165	0.173	-	-4.8	20	98	0
2-Chloroethyl vinyl ether	0.084	0.088	-	-4.8	20	98	0
Bromodichloromethane	0.251	0.253*	-	-0.8	20	95	0
1,4-Dioxane	0.00121	0.00137*	-	-13.2	20	119	0
cis-1,3-Dichloropropene	0.27	0.28*	-	-3.7	20	101	0
Chlorobenzene-d5	1	1	-	0	20	87	0
Toluene-d8	1.243	1.274	-	-2.5	20	87	0
Toluene	0.505	0.525	-	-4	20	92	0
4-Methyl-2-pentanone	0.041	0.043	-	-4.9	20	92	0
Tetrachloroethene	0.216	0.234	-	-8.3	20	96	0
trans-1,3-Dichloropropene	0.245	0.272*	-	-11	20	102	0
Ethyl methacrylate	0.188	0.192	-	-2.1	20	92	0
1,1,2-Trichloroethane	0.128	0.141*	-	-10.2	20	102	0
Chlorodibromomethane	0.183	0.188*	-	-2.7	20	97	0
1,3-Dichloropropane	0.247	0.276	-	-11.7	20	101	0
1,2-Dibromoethane	0.154	0.17*	-	-10.4	20	101	0
2-Hexanone	0.077	0.079	-	-2.6	20	92	0
Chlorobenzene	0.58	0.609	-	-5	20	92	0
Ethylbenzene	0.978	1.03	-	-5.3	20	91	0
1,1,1,2-Tetrachloroethane	0.203	0.207	-	-2	20	94	0
p/m Xylene	0.408	0.417	-	-2.2	20	91	0
o Xylene	0.418	0.409	-	2.2	20	90	0
Styrene	0.693	0.681	-	1.7	20	90	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	86	0
Bromoform	0.197	0.179	-	9.1	20	93	0
Isopropylbenzene	1.641	1.721	-	-4.9	20	89	0
4-Bromofluorobenzene	0.747	0.736	-	1.5	20	83	0
Bromobenzene	0.415	0.44	-	-6	20	91	0
n-Propylbenzene	1.943	2.07	-	-6.5	20	92	0
1,4-Dichlorobutane	0.364	0.37	-	-1.6	20	90	0
1,1,2,2-Tetrachloroethane	0.284	0.325	-	-14.4	20	104	0
4-Ethyltoluene	1.671	1.773	-	-6.1	20	91	0
2-Chlorotoluene	1.149	1.377	-	-19.8	20	105	0
1,3,5-Trimethylbenzene	1.468	1.517	-	-3.3	20	90	0
1,2,3-Trichloropropane	0.236	0.249	-	-5.5	20	95	0
trans-1,4-Dichloro-2-buten	0.083	0.085	-	-2.4	20	94	0
4-Chlorotoluene	1.193	1.235	-	-3.5	20	90	0
tert-Butylbenzene	1.195	1.242	-	-3.9	20	88	0
1,2,4-Trimethylbenzene	1.461	1.493	-	-2.2	20	90	0
sec-Butylbenzene	1.767	1.847	-	-4.5	20	91	0
p-Isopropyltoluene	1.549	1.605	-	-3.6	20	91	0
1,3-Dichlorobenzene	0.847	0.873	-	-3.1	20	91	0
1,4-Dichlorobenzene	0.863	0.895	-	-3.7	20	92	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Sterling Environmental Engineering Project Name : TROY BELTING Instrument ID : VOA130 Lab File ID : V30230915A01 Sample No : WG1828105-2 Channel :	Lab Number : L2353445 Project Number : 2011-31 Calibration Date : 09/15/23 05:41 Init. Calib. Date(s) : 09/13/23 09/13/23 Init. Calib. Times : 16:17 19:56

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	0.93	0.983	-	-5.7	20	93	0
n-Butylbenzene	1.319	1.415	-	-7.3	20	95	0
1,2-Dichlorobenzene	0.808	0.828	-	-2.5	20	91	0
1,2,4,5-Tetramethylbenzene	1.459	1.472	-	-0.9	20	90	0
1,2-Dibromo-3-chloropropan	0.049	0.047	-	4.1	20	86	0
1,3,5-Trichlorobenzene	0.587	0.624	-	-6.3	20	93	0
Hexachlorobutadiene	0.165	0.178	-	-7.9	20	90	0
1,2,4-Trichlorobenzene	0.507	0.542	-	-6.9	20	94	0
Naphthalene	1.112	1.161	-	-4.4	20	96	0
1,2,3-Trichlorobenzene	0.469	0.488	-	-4.1	20	95	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Instrument ID : VOA130
 Lab File ID : V30230916A01
 Sample No : WG1828105-9
 Channel :

Lab Number : L2353445
 Project Number : 2011-31
 Calibration Date : 09/16/23 12:58
 Init. Calib. Date(s) : 09/13/23 09/13/23
 Init. Calib. Times : 16:17 19:56

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	89	0
Dichlorodifluoromethane	0.255	0.274	-	-7.5	20	90	0
Chloromethane	0.197	0.202	-	-2.5	20	87	0
Vinyl chloride	0.245	0.314	-	-28.2*	20	104	0
Bromomethane	0.29	0.245	-	15.5	20	74	0
Chloroethane	0.191	0.217	-	-13.6	20	99	0
Trichlorofluoromethane	0.474	0.531	-	-12	20	93	0
Ethyl ether	0.114	0.129	-	-13.2	20	98	0
1,1-Dichloroethene	0.165	0.179	-	-8.5	20	95	0
Carbon disulfide	0.457	0.521	-	-14	20	104	0
Freon-113	0.176	0.185	-	-5.1	20	89	0
Iodomethane	0.282	0.181	-	35.8*	20	58	0
Acrolein	0.014	0.015	-	-7.1	20	100	0
Methylene chloride	0.189	0.201	-	-6.3	20	95	0
Acetone	10	11.399	-	-14	20	100	0
trans-1,2-Dichloroethene	0.184	0.198	-	-7.6	20	97	0
Methyl acetate	0.072	0.069	-	4.2	20	90	0
Methyl tert-butyl ether	0.399	0.4	-	-0.3	20	93	0
tert-Butyl alcohol	0.00902	0.00896*	-	0.7	20	95	0
Diisopropyl ether	0.466	0.46	-	1.3	20	90	0
1,1-Dichloroethane	0.32	0.333	-	-4.1	20	90	0
Halothane	0.141	0.142	-	-0.7	20	89	0
Acrylonitrile	0.033	0.034	-	-3	20	91	0
Ethyl tert-butyl ether	0.464	0.451	-	2.8	20	91	0
Vinyl acetate	0.19	0.235	-	-23.7*	20	119	0
cis-1,2-Dichloroethene	0.21	0.233	-	-11	20	98	0
2,2-Dichloropropane	0.277	0.293	-	-5.8	20	94	0
Bromochloromethane	0.101	0.1*	-	1	20	88	0
Cyclohexane	0.268	0.274	-	-2.2	20	90	0
Chloroform	0.341	0.348	-	-2.1	20	90	0
Ethyl acetate	0.097	0.092	-	5.2	20	89	0
Carbon tetrachloride	0.256	0.254	-	0.8	20	88	0
Tetrahydrofuran	0.027	0.027	-	0	20	89	-0.02
Dibromofluoromethane	0.314	0.301	-	4.1	20	84	0
1,1,1-Trichloroethane	0.299	0.301	-	-0.7	20	86	0
2-Butanone	0.042	0.04	-	4.8	20	83	0
1,1-Dichloropropene	0.235	0.26	-	-10.6	20	99	0
Benzene	0.681	0.735	-	-7.9	20	97	0
tert-Amyl methyl ether	0.446	0.433	-	2.9	20	90	0
1,2-Dichloroethane-d4	0.315	0.302	-	4.1	20	86	0
1,2-Dichloroethane	0.228	0.222	-	2.6	20	88	0
Methyl cyclohexane	0.299	0.315	-	-5.4	20	95	0
Trichloroethene	0.203	0.206	-	-1.5	20	91	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Instrument ID : VOA130
 Lab File ID : V30230916A01
 Sample No : WG1828105-9
 Channel :

Lab Number : L2353445
 Project Number : 2011-31
 Calibration Date : 09/16/23 12:58
 Init. Calib. Date(s) : 09/13/23 09/13/23
 Init. Calib. Times : 16:17 19:56

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.11	0.108	-	1.8	20	89	0
1,2-Dichloropropane	0.165	0.173	-	-4.8	20	94	0
2-Chloroethyl vinyl ether	0.084	0.082	-	2.4	20	88	0
Bromodichloromethane	0.251	0.253*	-	-0.8	20	91	0
1,4-Dioxane	0.00121	0.00108*	-	10.7	20	90	-.01
cis-1,3-Dichloropropene	0.27	0.278*	-	-3	20	96	0
Chlorobenzene-d5	1	1	-	0	20	82	0
Toluene-d8	1.243	1.288	-	-3.6	20	84	0
Toluene	0.505	0.535	-	-5.9	20	89	0
4-Methyl-2-pentanone	0.041	0.037	-	9.8	20	74	0
Tetrachloroethene	0.216	0.227	-	-5.1	20	88	0
trans-1,3-Dichloropropene	0.245	0.271*	-	-10.6	20	96	0
Ethyl methacrylate	0.188	0.18	-	4.3	20	81	0
1,1,2-Trichloroethane	0.128	0.134*	-	-4.7	20	92	0
Chlorodibromomethane	0.183	0.183*	-	0	20	90	0
1,3-Dichloropropane	0.247	0.268	-	-8.5	20	92	0
1,2-Dibromoethane	0.154	0.159*	-	-3.2	20	89	0
2-Hexanone	0.077	0.071	-	7.8	20	79	0
Chlorobenzene	0.58	0.609	-	-5	20	87	0
Ethylbenzene	0.978	1.044	-	-6.7	20	88	0
1,1,1,2-Tetrachloroethane	0.203	0.201	-	1	20	87	0
p/m Xylene	0.408	0.421	-	-3.2	20	87	0
o Xylene	0.418	0.406	-	2.9	20	85	0
Styrene	0.693	0.681	-	1.7	20	85	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	80	0
Bromoform	0.197	0.176	-	10.7	20	85	0
Isopropylbenzene	1.641	1.741	-	-6.1	20	84	0
4-Bromofluorobenzene	0.747	0.747	-	0	20	79	0
Bromobenzene	0.415	0.43	-	-3.6	20	83	0
n-Propylbenzene	1.943	2.135	-	-9.9	20	88	0
1,4-Dichlorobutane	0.364	0.354	-	2.7	20	80	0
1,1,2,2-Tetrachloroethane	0.284	0.306	-	-7.7	20	91	0
4-Ethyltoluene	1.671	1.804	-	-8	20	86	0
2-Chlorotoluene	1.149	1.195	-	-4	20	85	0
1,3,5-Trimethylbenzene	1.468	1.504	-	-2.5	20	83	0
1,2,3-Trichloropropane	0.236	0.235	-	0.4	20	84	0
trans-1,4-Dichloro-2-buten	0.083	0.079	-	4.8	20	81	0
4-Chlorotoluene	1.193	1.254	-	-5.1	20	85	0
tert-Butylbenzene	1.195	1.226	-	-2.6	20	81	0
1,2,4-Trimethylbenzene	1.461	1.515	-	-3.7	20	85	0
sec-Butylbenzene	1.767	1.86	-	-5.3	20	85	0
p-Isopropyltoluene	1.549	1.605	-	-3.6	20	85	0
1,3-Dichlorobenzene	0.847	0.874	-	-3.2	20	85	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Sterling Environmental Engineering
Project Name : TROY BELTING
Instrument ID : VOA130
Lab File ID : V30230916A01
Sample No : WG1828105-9
Channel :

Lab Number : L2353445
Project Number : 2011-31
Calibration Date : 09/16/23 12:58
Init. Calib. Date(s) : 09/13/23 09/13/23
Init. Calib. Times : 16:17 19:56

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene	0.863	0.884	-	-2.4	20	85	0
p-Diethylbenzene	0.93	0.983	-	-5.7	20	87	0
n-Butylbenzene	1.319	1.442	-	-9.3	20	90	0
1,2-Dichlorobenzene	0.808	0.813	-	-0.6	20	83	0
1,2,4,5-Tetramethylbenzene	1.459	1.458	-	0.1	20	84	0
1,2-Dibromo-3-chloropropan	0.049	0.045	-	8.2	20	76	0
1,3,5-Trichlorobenzene	0.587	0.612	-	-4.3	20	85	0
Hexachlorobutadiene	0.165	0.173	-	-4.8	20	81	0
1,2,4-Trichlorobenzene	0.507	0.524	-	-3.4	20	85	0
Naphthalene	1.112	1.087	-	2.2	20	84	0
1,2,3-Trichlorobenzene	0.469	0.465	-	0.9	20	85	0

* Value outside of QC limits.



Evaluate Continuing Calibration Report

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A01.D
 Acq On : 15 Sep 2023 05:41 am
 Operator : VOA130:MJV
 Sample : WG1828105-2
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 06:03:24 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	93	0.00
2 TP	Dichlorodifluoromethane	0.255	0.269	-5.5	93	0.00
3 TP	Chloromethane	0.197	0.193	2.0	87	0.00
4 TC	Vinyl chloride	0.245	0.286	-16.7	99	0.00
5 TP	Bromomethane	0.290	0.236	18.6	74	0.00
6 TP	Chloroethane	0.191	0.219	-14.7	105	-0.01
7 TP	Trichlorofluoromethane	0.474	0.593	-25.1#	109	0.00
8 TP	Ethyl ether	0.114	0.140	-22.8#	111	0.00
10 TC	1,1-Dichloroethene	0.165	0.173	-4.8	96	0.00
11 TP	Carbon disulfide	0.457	0.477	-4.4	100	0.00
12 TP	Freon-113	0.176	0.196	-11.4	99	0.00
14 TP	Acrolein	0.014	0.015	-7.1	108	0.00
15 TP	Methylene chloride	0.189	0.194	-2.6	95	0.00
17 TP	Acetone	* 10.000	11.259	-12.6	103	0.00
18 TP	trans-1,2-Dichloroethene	0.184	0.193	-4.9	98	0.00
19 TP	Methyl acetate	0.072	0.076	-5.6	105	0.00
21 TP	Methyl tert-butyl ether	0.399	0.433	-8.5	105	0.00
22 TP	tert-Butyl alcohol	0.00902	0.01017	-12.7	112	0.00
24 TP	Diisopropyl ether	0.466	0.482	-3.4	98	0.00
25 TP	1,1-Dichloroethane	0.320	0.326	-1.9	92	0.00
26 TP	Halothane	0.141	0.144	-2.1	94	0.00
27 TP	Acrylonitrile	0.033	0.036	-9.1	101	0.00
28 TP	Ethyl tert-butyl ether	0.464	0.478	-3.0	101	0.00
29 TP	Vinyl acetate	0.190	0.264	-38.9#	140	0.00
30 TP	cis-1,2-Dichloroethene	0.210	0.215	-2.4	94	0.00
31 TP	2,2-Dichloropropane	0.277	0.298	-7.6	100	0.00
33 TP	Bromochloromethane	0.101	0.103	-2.0	95	0.00
34 TP	Cyclohexane	0.268	0.279	-4.1	95	0.00
35 TC	Chloroform	0.341	0.342	-0.3	92	0.00
36 TP	Ethyl acetate	0.097	0.104	-7.2	105	0.00
37 TP	Carbon tetrachloride	0.256	0.249	2.7	90	0.00
38 TP	Tetrahydrofuran	0.027	0.029	-7.4	101	0.00
39 S	Dibromofluoromethane	0.314	0.304	3.2	89	0.00
40 TP	1,1,1-Trichloroethane	0.299	0.305	-2.0	91	0.00
42 TP	2-Butanone	0.042	0.046	-9.5	98	0.00
43 TP	1,1-Dichloropropene	0.235	0.250	-6.4	100	0.00
45 TP	Benzene	0.681	0.717	-5.3	99	0.00
46 TP	tert-Amyl methyl ether	0.446	0.459	-2.9	100	0.00
47 S	1,2-Dichloroethane-d4	0.315	0.305	3.2	91	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A01.D
 Acq On : 15 Sep 2023 05:41 am
 Operator : VOA130: MJV
 Sample : WG1828105-2
 Misc : WG1828105, ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 06:03:24 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48 TP	1,2-Dichloroethane	0.228	0.228	0.0	94	0.00
51 TP	Methyl cyclohexane	0.299	0.314	-5.0	99	0.00
52 TP	Trichloroethene	0.203	0.199#	2.0	93	0.00
54 TP	Dibromomethane	0.110	0.111	-0.9	95	0.00
55 TC	1,2-Dichloropropane	0.165	0.173	-4.8	98	0.00
57 TP	2-Chloroethyl vinyl ether	0.084	0.088	-4.8	98	0.00
58 TP	Bromodichloromethane	0.251	0.253#	-0.8	95	0.00
61 TP	1,4-Dioxane	0.00121	0.00137#	-13.2	119	0.00
62 TP	cis-1,3-Dichloropropene	0.270	0.280#	-3.7	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 S	Toluene-d8	1.243	1.274	-2.5	87	0.00
65 TC	Toluene	0.505	0.525	-4.0	92	0.00
66 TP	4-Methyl-2-pentanone	0.041	0.043	-4.9	92	0.00
67 TP	Tetrachloroethene	0.216	0.234	-8.3	96	0.00
69 TP	trans-1,3-Dichloropropene	0.245	0.272#	-11.0	102	0.00
71 TP	Ethyl methacrylate	0.188	0.192	-2.1	92	0.00
72 TP	1,1,2-Trichloroethane	0.128	0.141#	-10.2	102	0.00
73 TP	Chlorodibromomethane	0.183	0.188#	-2.7	97	0.00
74 TP	1,3-Dichloropropane	0.247	0.276	-11.7	101	0.00
75 TP	1,2-Dibromoethane	0.154	0.170#	-10.4	101	0.00
77 TP	2-Hexanone	0.077	0.079	-2.6	92	0.00
78 T	Chlorobenzene	0.580	0.609	-5.0	92	0.00
79 TC	Ethylbenzene	0.978	1.030	-5.3	91	0.00
80 T	1,1,1,2-Tetrachloroethane	0.203	0.207	-2.0	94	0.00
81 TP	p/m Xylene	0.408	0.417	-2.2	91	0.00
82 TP	o Xylene	0.418	0.409	2.2	90	0.00
83 TP	Styrene	0.693	0.681	1.7	90	0.00
84 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
85 TP	Bromoform	0.197	0.179	9.1	93	0.00
87 TP	Isopropylbenzene	1.641	1.721	-4.9	89	0.00
88 S	4-Bromofluorobenzene	0.747	0.736	1.5	83	0.00
89 TP	Bromobenzene	0.415	0.440	-6.0	91	0.00
90 TP	n-Propylbenzene	1.943	2.070	-6.5	92	0.00
91 TP	1,4-Dichlorobutane	0.364	0.370	-1.6	90	0.00
92 TP	1,1,2,2-Tetrachloroethane	0.284	0.325	-14.4	104	0.00
93 TP	4-Ethyltoluene	1.671	1.773	-6.1	91	0.00
94 TP	2-Chlorotoluene	1.149	1.377	-19.8	105	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A01.D
 Acq On : 15 Sep 2023 05:41 am
 Operator : VOA130:MJV
 Sample : WG1828105-2
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 06:03:24 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
95 TP	1,3,5-Trimethylbenzene	1.468	1.517	-3.3	90	0.00
96 TP	1,2,3-Trichloropropane	0.236	0.249	-5.5	95	0.00
97 TP	trans-1,4-Dichloro-2-butene	0.083	0.085	-2.4	94	0.00
98 TP	4-Chlorotoluene	1.193	1.235	-3.5	90	0.00
99 TP	tert-Butylbenzene	1.195	1.242	-3.9	88	0.00
102 TP	1,2,4-Trimethylbenzene	1.461	1.493	-2.2	90	0.00
103 TP	sec-Butylbenzene	1.767	1.847	-4.5	91	0.00
104 TP	p-Isopropyltoluene	1.549	1.605	-3.6	91	0.00
105 TP	1,3-Dichlorobenzene	0.847	0.873	-3.1	91	0.00
106 TP	1,4-Dichlorobenzene	0.863	0.895	-3.7	92	0.00
107 TP	p-Diethylbenzene	0.930	0.983	-5.7	93	0.00
108 TP	n-Butylbenzene	1.319	1.415	-7.3	95	0.00
109 TP	1,2-Dichlorobenzene	0.808	0.828	-2.5	91	0.00
110 TP	1,2,4,5-Tetramethylbenzene	1.459	1.472	-0.9	90	0.00
111 TP	1,2-Dibromo-3-chloropropane	0.049	0.047	4.1	86	0.00
112 TP	1,3,5-Trichlorobenzene	0.587	0.624	-6.3	93	0.00
113 TP	Hexachlorobutadiene	0.165	0.178	-7.9	90	0.00
114 TP	1,2,4-Trichlorobenzene	0.507	0.542	-6.9	94	0.00
115 TP	Naphthalene	1.112	1.161	-4.4	96	0.00
116 TP	1,2,3-Trichlorobenzene	0.469	0.488	-4.1	95	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 8 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A01.D
 Acq On : 15 Sep 2023 05:41 am
 Operator : VOA130:MJV
 Sample : WG1828105-2
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 06:03:24 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.131	96	196480	10.000	ug/L	# 0.00
Standard Area 1 = 196480			Recovery	=	100.00%	
63) Chlorobenzene-d5	9.686	117	172891	10.000	ug/L	# 0.00
Standard Area 1 = 172891			Recovery	=	100.00%	
84) 1,4-Dichlorobenzene-d4	12.365	152	103140	10.000	ug/L	0.00
Standard Area 1 = 103140			Recovery	=	100.00%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	59701	9.686	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.86%	
47) 1,2-Dichloroethane-d4	5.843	65	59887	9.688	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.88%	
64) Toluene-d8	7.840	98	220342	10.256	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.56%	
88) 4-Bromofluorobenzene	11.164	95	75930	9.851	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.51%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	52867	10.569	ug/L	96
3) Chloromethane	1.879	50	37978	9.813	ug/L	96
4) Vinyl chloride	1.957	62	56190	11.684	ug/L	98
5) Bromomethane	2.277	94	46293	8.128	ug/L	97
6) Chloroethane	2.387	64	43054	11.461	ug/L	97
7) Trichlorofluoromethane	2.539	101	116471	12.498	ug/L	99
8) Ethyl ether	2.849	74	27555	12.293	ug/L	# 72
10) 1,1-Dichloroethene	3.037	96	33950	10.450	ug/L	# 68
11) Carbon disulfide	3.069	76	93681	10.422	ug/L	99
12) Freon-113	3.085	101	38582	11.147	ug/L	87
14) Acrolein	3.352	56	2961	10.556	ug/L	94
15) Methylene chloride	3.598	84	38021	10.224	ug/L	76
17) Acetone	3.640	43	6733	11.259	ug/L	93
18) trans-1,2-Dichloroethene	3.756	96	37889	10.460	ug/L	73
19) Methyl acetate	3.761	43	14968	10.629	ug/L	# 81
21) Methyl tert-butyl ether	3.861	73	84986	10.852	ug/L	89
22) tert-Butyl alcohol	3.944	59	9987	56.339	ug/L	# 91
24) Diisopropyl ether	4.228	45	94640	10.337	ug/L	# 89
25) 1,1-Dichloroethane	4.343	63	64100	10.202	ug/L	# 96
26) Halothane	4.401	117	28294	10.221	ug/L	99
27) Acrylonitrile	4.385	53	7067	10.953	ug/L	# 91

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A01.D
 Acq On : 15 Sep 2023 05:41 am
 Operator : VOA130:MJV
 Sample : WG1828105-2
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 06:03:24 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
28) Ethyl tert-butyl ether	4.579	59	93862	10.299	ug/L	# 77
29) Vinyl acetate	4.579	43	51966	13.892	ug/L	# 93
30) cis-1,2-Dichloroethene	4.867	96	42306	10.244	ug/L	# 73
31) 2,2-Dichloropropane	4.972	77	58474	10.756	ug/L	# 80
33) Bromochloromethane	5.061	128	20270	10.221	ug/L	# 53
34) Cyclohexane	5.077	56	54730	10.401	ug/L	# 65
35) Chloroform	5.135	83	67114	10.027	ug/L	# 95
36) Ethyl acetate	5.250	43	20357	10.716	ug/L	# 94
37) Carbon tetrachloride	5.281	117	48915	9.730	ug/L	# 98
38) Tetrahydrofuran	5.292	42	5691	10.900	ug/L	# 82
40) 1,1,1-Trichloroethane	5.344	97	59837	10.199	ug/L	# 92
42) 2-Butanone	5.428	43	8958	10.767	ug/L	# 94
43) 1,1-Dichloropropene	5.465	75	49095	10.611	ug/L	# 92
45) Benzene	5.711	78	140969	10.542	ug/L	# 93
46) tert-Amyl methyl ether	5.827	73	90279	10.291	ug/L	# 89
48) 1,2-Dichloroethane	5.916	62	44722	9.964	ug/L	# 97
51) Methyl cyclohexane	6.309	83	61736	10.523	ug/L	# 72
52) Trichloroethene	6.314	95	39180	9.831	ug/L	# 88
54) Dibromomethane	6.750	93	21838	10.137	ug/L	# 88
55) 1,2-Dichloropropane	6.860	63	34088	10.489	ug/L	# 94
57) 2-Chloroethyl vinyl ether	7.557	63	17206	10.387	ug/L	# 75
58) Bromodichloromethane	6.928	83	49705	10.061	ug/L	# 98
61) 1,4-Dioxane	7.138	88	13455	565.781	ug/L	# 77
62) cis-1,3-Dichloropropene	7.625	75	55091	10.372	ug/L	# 86
65) Toluene	7.893	92	90729	10.386	ug/L	# 97
66) 4-Methyl-2-pentanone	8.333	58	7431	10.415	ug/L	# 82
67) Tetrachloroethene	8.349	166	40496	10.864	ug/L	# 94
69) trans-1,3-Dichloropropene	8.375	75	47044	11.087	ug/L	# 85
71) Ethyl methacrylate	8.569	69	33228	10.217	ug/L	# 76
72) 1,1,2-Trichloroethane	8.564	83	24337	10.996	ug/L	# 94
73) Chlorodibromomethane	8.773	129	32571	10.293	ug/L	# 97
74) 1,3-Dichloropropane	8.883	76	47682	11.159	ug/L	# 99
75) 1,2-Dibromoethane	9.051	107	29408	11.025	ug/L	# 100
77) 2-Hexanone	9.340	43	13593	10.190	ug/L	# 94
78) Chlorobenzene	9.712	112	105344	10.511	ug/L	# 90
79) Ethylbenzene	9.754	91	178093	10.532	ug/L	# 96
80) 1,1,1,2-Tetrachloroethane	9.796	131	35810	10.196	ug/L	# 99
81) p/m Xylene	9.943	106	144338	20.449	ug/L	# 88
82) o Xylene	10.472	106	141270	19.543	ug/L	# 89
83) Styrene	10.535	104	235422	19.653	ug/L	# 87

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A01.D
 Acq On : 15 Sep 2023 05:41 am
 Operator : VOA130:MJV
 Sample : WG1828105-2
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 06:03:24 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85)	Bromoform	10.556	173	18485	9.097	ug/L	98
87)	Isopropylbenzene	10.855	105	177550	10.488	ug/L	96
89)	Bromobenzene	11.280	156	45376	10.601	ug/L	99
90)	n-Propylbenzene	11.327	91	213509	10.652	ug/L	94
91)	1,4-Dichlorobutane	11.332	55	38127	10.163	ug/L	93
92)	1,1,2,2-Tetrachloroethane	11.400	83	33549	11.436	ug/L	99
93)	4-Ethyltoluene	11.453	105	182846	10.607	ug/L	97
94)	2-Chlorotoluene	11.489	91	141988	11.978	ug/L #	89
95)	1,3,5-Trimethylbenzene	11.547	105	156476	10.332	ug/L	96
96)	1,2,3-Trichloropropane	11.542	75	25666	10.556	ug/L #	80
97)	trans-1,4-Dichloro-2-b...	11.594	53	8781	10.300	ug/L #	92
98)	4-Chlorotoluene	11.668	91	127348	10.348	ug/L #	87
99)	tert-Butylbenzene	11.888	119	128106	10.390	ug/L	90
102)	1,2,4-Trimethylbenzene	11.966	105	153996	10.223	ug/L	95
103)	sec-Butylbenzene	12.077	105	190453	10.452	ug/L	94
104)	p-Isopropyltoluene	12.229	119	165549	10.364	ug/L	95
105)	1,3-Dichlorobenzene	12.292	146	90036	10.311	ug/L	96
106)	1,4-Dichlorobenzene	12.381	146	92345	10.379	ug/L	97
107)	p-Diethylbenzene	12.601	119	101401	10.575	ug/L	95
108)	n-Butylbenzene	12.659	91	145967	10.733	ug/L	95
109)	1,2-Dichlorobenzene	12.805	146	85391	10.241	ug/L	96
110)	1,2,4,5-Tetramethylben...	13.393	119	151844	10.087	ug/L	96
111)	1,2-Dibromo-3-chloropr...	13.576	155	4863	9.640	ug/L	96
112)	1,3,5-Trichlorobenzene	13.613	180	64373	10.631	ug/L	97
113)	Hexachlorobutadiene	14.190	225	18393	10.810	ug/L	99
114)	1,2,4-Trichlorobenzene	14.211	180	55878	10.679	ug/L	97
115)	Naphthalene	14.504	128	119716	10.438	ug/L	100
116)	1,2,3-Trichlorobenzene	14.672	180	50300	10.403	ug/L	98

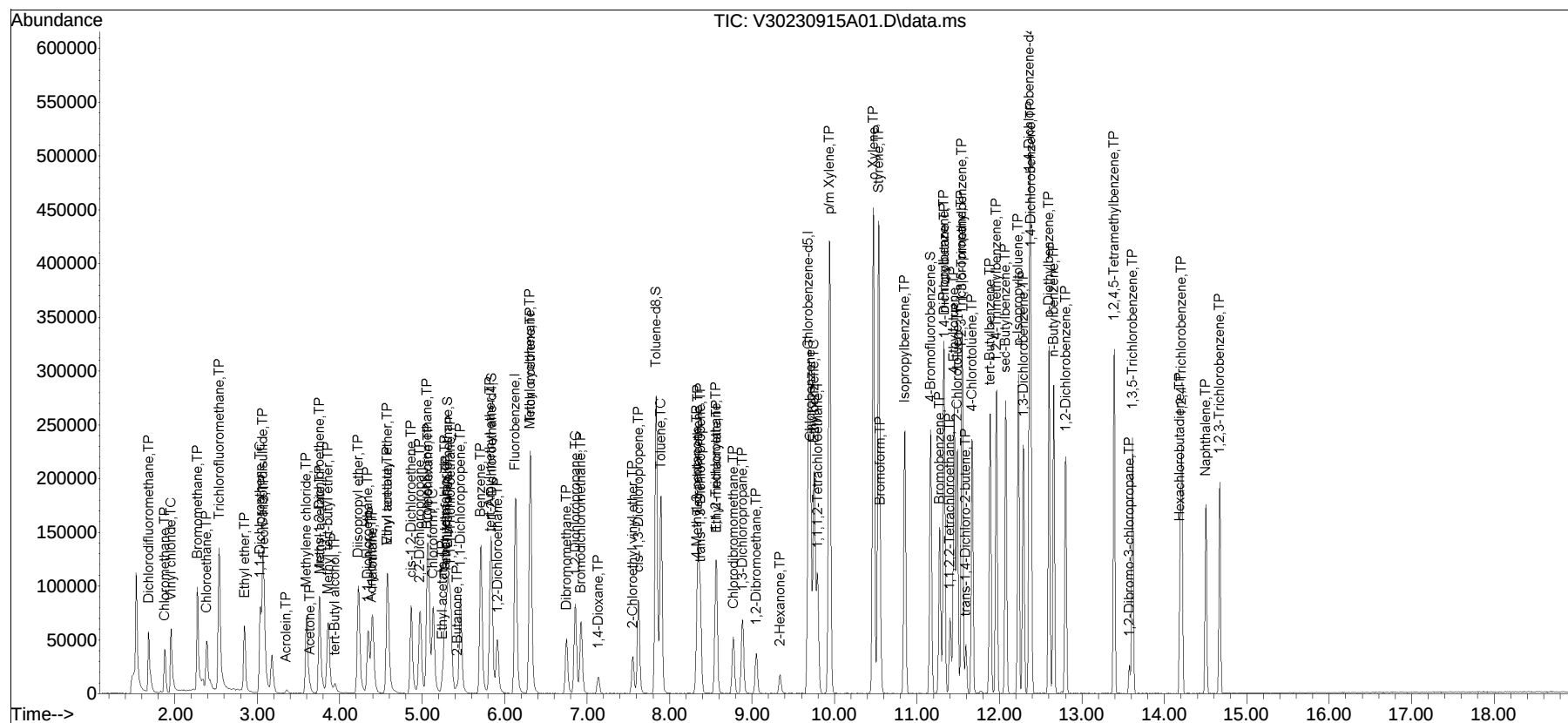
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
Data File : V30230915A01.D
Acq On : 15 Sep 2023 05:41 am
Operator : VOA130:MJV
Sample : WG1828105-2
Misc : WG1828105,ICAL20364
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 06:03:24 2023
Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Sep 14 12:06:27 2023
Response via : Initial Calibration

Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane



Manual Integration Report

Data Path	: K:\VOA130\2023\230915A\	QMethod	: V130_230913A_8260D.m
Data File	: V30230915A01.D	Operator	: VOA130:MJV
Date Inj'd	: 9/15/2023 5:41 am	Instrument	: VOA130
Sample	: WG1828105-2	Quant Date	: 9/15/2023 6:03 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A01.D
 Acq On : 16 Sep 2023 12:58 pm
 Operator : VOA130:LAC
 Sample : WG1828105-9
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 18 14:14:55 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	89	0.00
2 TP	Dichlorodifluoromethane	0.255	0.274	-7.5	90	0.00
3 TP	Chloromethane	0.197	0.202	-2.5	87	0.00
4 TC	Vinyl chloride	0.245	0.314	-28.2#	104	0.00
5 TP	Bromomethane	0.290	0.245	15.5	74	0.00
6 TP	Chloroethane	0.191	0.217	-13.6	99	0.00
7 TP	Trichlorofluoromethane	0.474	0.531	-12.0	93	0.00
8 TP	Ethyl ether	0.114	0.129	-13.2	98	0.00
10 TC	1,1-Dichloroethene	0.165	0.179	-8.5	95	0.00
11 TP	Carbon disulfide	0.457	0.521	-14.0	104	0.00
12 TP	Freon-113	0.176	0.185	-5.1	89	0.00
13 TP	Iodomethane	0.282	0.181	35.8#	58	0.00
14 TP	Acrolein	0.014	0.015	-7.1	100	0.00
15 TP	Methylene chloride	0.189	0.201	-6.3	95	0.00
17 TP	Acetone	* 10.000	11.399	-14.0	100	0.00
18 TP	trans-1,2-Dichloroethene	0.184	0.198	-7.6	97	0.00
19 TP	Methyl acetate	0.072	0.069	4.2	90	0.00
21 TP	Methyl tert-butyl ether	0.399	0.400	-0.3	93	0.00
22 TP	tert-Butyl alcohol	0.00902	0.00896#	0.7	95	0.00
24 TP	Diisopropyl ether	0.466	0.460	1.3	90	0.00
25 TP	1,1-Dichloroethane	0.320	0.333	-4.1	90	0.00
26 TP	Halothane	0.141	0.142	-0.7	89	0.00
27 TP	Acrylonitrile	0.033	0.034	-3.0	91	0.00
28 TP	Ethyl tert-butyl ether	0.464	0.451	2.8	91	0.00
29 TP	Vinyl acetate	0.190	0.235	-23.7#	119	0.00
30 TP	cis-1,2-Dichloroethene	0.210	0.233	-11.0	98	0.00
31 TP	2,2-Dichloropropane	0.277	0.293	-5.8	94	0.00
33 TP	Bromochloromethane	0.101	0.100#	1.0	88	0.00
34 TP	Cyclohexane	0.268	0.274	-2.2	90	0.00
35 TC	Chloroform	0.341	0.348	-2.1	90	0.00
36 TP	Ethyl acetate	0.097	0.092	5.2	89	0.00
37 TP	Carbon tetrachloride	0.256	0.254	0.8	88	0.00
38 TP	Tetrahydrofuran	0.027	0.027	0.0	89	-0.02
39 S	Dibromofluoromethane	0.314	0.301	4.1	84	0.00
40 TP	1,1,1-Trichloroethane	0.299	0.301	-0.7	86	0.00
42 TP	2-Butanone	0.042	0.040	4.8	83	0.00
43 TP	1,1-Dichloropropene	0.235	0.260	-10.6	99	0.00
45 TP	Benzene	0.681	0.735	-7.9	97	0.00
46 TP	tert-Amyl methyl ether	0.446	0.433	2.9	90	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A01.D
 Acq On : 16 Sep 2023 12:58 pm
 Operator : VOA130:LAC
 Sample : WG1828105-9
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 18 14:14:55 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 S	1,2-Dichloroethane-d4	0.315	0.302	4.1	86	0.00
48 TP	1,2-Dichloroethane	0.228	0.222	2.6	88	0.00
51 TP	Methyl cyclohexane	0.299	0.315	-5.4	95	0.00
52 TP	Trichloroethene	0.203	0.206	-1.5	91	0.00
54 TP	Dibromomethane	0.110	0.108	1.8	89	0.00
55 TC	1,2-Dichloropropane	0.165	0.173	-4.8	94	0.00
57 TP	2-Chloroethyl vinyl ether	0.084	0.082	2.4	88	0.00
58 TP	Bromodichloromethane	0.251	0.253#	-0.8	91	0.00
61 TP	1,4-Dioxane	0.00121	0.00108#	10.7	90	-0.01
62 TP	cis-1,3-Dichloropropene	0.270	0.278#	-3.0	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 S	Toluene-d8	1.243	1.288	-3.6	84	0.00
65 TC	Toluene	0.505	0.535	-5.9	89	0.00
66 TP	4-Methyl-2-pentanone	0.041	0.037	9.8	74	0.00
67 TP	Tetrachloroethene	0.216	0.227	-5.1	88	0.00
69 TP	trans-1,3-Dichloropropene	0.245	0.271#	-10.6	96	0.00
71 TP	Ethyl methacrylate	0.188	0.180	4.3	81	0.00
72 TP	1,1,2-Trichloroethane	0.128	0.134#	-4.7	92	0.00
73 TP	Chlorodibromomethane	0.183	0.183#	0.0	90	0.00
74 TP	1,3-Dichloropropane	0.247	0.268	-8.5	92	0.00
75 TP	1,2-Dibromoethane	0.154	0.159#	-3.2	89	0.00
77 TP	2-Hexanone	0.077	0.071	7.8	79	0.00
78 T	Chlorobenzene	0.580	0.609	-5.0	87	0.00
79 TC	Ethylbenzene	0.978	1.044	-6.7	88	0.00
80 T	1,1,1,2-Tetrachloroethane	0.203	0.201	1.0	87	0.00
81 TP	p/m Xylene	0.408	0.421	-3.2	87	0.00
82 TP	o Xylene	0.418	0.406	2.9	85	0.00
83 TP	Styrene	0.693	0.681	1.7	85	0.00
84 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
85 TP	Bromoform	0.197	0.176	10.7	85	0.00
87 TP	Isopropylbenzene	1.641	1.741	-6.1	84	0.00
88 S	4-Bromofluorobenzene	0.747	0.747	0.0	79	0.00
89 TP	Bromobenzene	0.415	0.430	-3.6	83	0.00
90 TP	n-Propylbenzene	1.943	2.135	-9.9	88	0.00
91 TP	1,4-Dichlorobutane	0.364	0.354	2.7	80	0.00
92 TP	1,1,2,2-Tetrachloroethane	0.284	0.306	-7.7	91	0.00
93 TP	4-Ethyltoluene	1.671	1.804	-8.0	86	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A01.D
 Acq On : 16 Sep 2023 12:58 pm
 Operator : VOA130:LAC
 Sample : WG1828105-9
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 18 14:14:55 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94 TP	2-Chlorotoluene	1.149	1.195	-4.0	85	0.00
95 TP	1,3,5-Trimethylbenzene	1.468	1.504	-2.5	83	0.00
96 TP	1,2,3-Trichloropropane	0.236	0.235	0.4	84	0.00
97 TP	trans-1,4-Dichloro-2-butene	0.083	0.079	4.8	81	0.00
98 TP	4-Chlorotoluene	1.193	1.254	-5.1	85	0.00
99 TP	tert-Butylbenzene	1.195	1.226	-2.6	81	0.00
102 TP	1,2,4-Trimethylbenzene	1.461	1.515	-3.7	85	0.00
103 TP	sec-Butylbenzene	1.767	1.860	-5.3	85	0.00
104 TP	p-Isopropyltoluene	1.549	1.605	-3.6	85	0.00
105 TP	1,3-Dichlorobenzene	0.847	0.874	-3.2	85	0.00
106 TP	1,4-Dichlorobenzene	0.863	0.884	-2.4	85	0.00
107 TP	p-Diethylbenzene	0.930	0.983	-5.7	87	0.00
108 TP	n-Butylbenzene	1.319	1.442	-9.3	90	0.00
109 TP	1,2-Dichlorobenzene	0.808	0.813	-0.6	83	0.00
110 TP	1,2,4,5-Tetramethylbenzene	1.459	1.458	0.1	84	0.00
111 TP	1,2-Dibromo-3-chloropropane	0.049	0.045	8.2	76	0.00
112 TP	1,3,5-Trichlorobenzene	0.587	0.612	-4.3	85	0.00
113 TP	Hexachlorobutadiene	0.165	0.173	-4.8	81	0.00
114 TP	1,2,4-Trichlorobenzene	0.507	0.524	-3.4	85	0.00
115 TP	Naphthalene	1.112	1.087	2.2	84	0.00
116 TP	1,2,3-Trichlorobenzene	0.469	0.465	0.9	85	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 9 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A01.D
 Acq On : 16 Sep 2023 12:58 pm
 Operator : VOA130:LAC
 Sample : WG1828105-9
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 18 14:14:55 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	187984	10.000	ug/L	# 0.00
Standard Area 1 = 187984			Recovery	=	100.00%	
63) Chlorobenzene-d5	9.686	117	163848	10.000	ug/L	# 0.00
Standard Area 1 = 163848			Recovery	=	100.00%	
84) 1,4-Dichlorobenzene-d4	12.365	152	96294	10.000	ug/L	0.00
Standard Area 1 = 96294			Recovery	=	100.00%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	56495	9.580	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	95.80%	
47) 1,2-Dichloroethane-d4	5.843	65	56851	9.612	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.12%	
64) Toluene-d8	7.840	98	211040	10.365	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.65%	
88) 4-Bromofluorobenzene	11.164	95	71910	9.992	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.92%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	51524	10.766	ug/L	96
3) Chloromethane	1.879	50	37890	10.232	ug/L	97
4) Vinyl chloride	1.957	62	59085	12.841	ug/L	100
5) Bromomethane	2.277	94	46107	8.461	ug/L	99
6) Chloroethane	2.398	64	40819	11.357	ug/L	96
7) Trichlorofluoromethane	2.545	101	99824	11.196	ug/L	99
8) Ethyl ether	2.849	74	24216	11.292	ug/L	# 74
10) 1,1-Dichloroethene	3.043	96	33716	10.847	ug/L	# 67
11) Carbon disulfide	3.069	76	98014	11.397	ug/L	99
12) Freon-113	3.085	101	34830	10.518	ug/L	87
13) Iodomethane	3.179	142	34052	6.427	ug/L	96
14) Acrolein	3.357	56	2747	10.235	ug/L	94
15) Methylene chloride	3.604	84	37784	10.619	ug/L	74
17) Acetone	3.640	43	6515	11.399	ug/L	95
18) trans-1,2-Dichloroethene	3.756	96	37301	10.763	ug/L	74
19) Methyl acetate	3.761	43	12897	9.572	ug/L	# 78
21) Methyl tert-butyl ether	3.861	73	75215	10.038	ug/L	89
22) tert-Butyl alcohol	3.945	59	8423	49.663	ug/L	87
24) Diisopropyl ether	4.228	45	86417	9.865	ug/L	# 88
25) 1,1-Dichloroethane	4.348	63	62656	10.423	ug/L	# 97
26) Halothane	4.401	117	26734	10.094	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A01.D
 Acq On : 16 Sep 2023 12:58 pm
 Operator : VOA130:LAC
 Sample : WG1828105-9
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 18 14:14:55 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.385	53	6399	10.366	ug/L	# 91
28) Ethyl tert-butyl ether	4.579	59	84730	9.717	ug/L	# 75
29) Vinyl acetate	4.584	43	44161	12.339	ug/L	# 92
30) cis-1,2-Dichloroethene	4.867	96	43878	11.105	ug/L	# 71
31) 2,2-Dichloropropane	4.977	77	55002	10.575	ug/L	79
33) Bromochloromethane	5.061	128	18754	9.884	ug/L	# 54
34) Cyclohexane	5.077	56	51540	10.238	ug/L	# 65
35) Chloroform	5.135	83	65485	10.226	ug/L	94
36) Ethyl acetate	5.245	43	17216	9.472	ug/L	# 92
37) Carbon tetrachloride	5.282	117	47681	9.913	ug/L	100
38) Tetrahydrofuran	5.282	42	5031M6	10.071	ug/L	
40) 1,1,1-Trichloroethane	5.344	97	56581	10.080	ug/L	92
42) 2-Butanone	5.428	43	7574	9.515	ug/L	# 88
43) 1,1-Dichloropropene	5.465	75	48787	11.021	ug/L	93
45) Benzene	5.711	78	138260	10.807	ug/L	94
46) tert-Amyl methyl ether	5.827	73	81343	9.691	ug/L	89
48) 1,2-Dichloroethane	5.911	62	41790	9.731	ug/L	# 96
51) Methyl cyclohexane	6.314	83	59147	10.538	ug/L	# 72
52) Trichloroethene	6.314	95	38689	10.147	ug/L	90
54) Dibromomethane	6.750	93	20395	9.896	ug/L	92
55) 1,2-Dichloropropane	6.860	63	32609	10.488	ug/L	93
57) 2-Chloroethyl vinyl ether	7.552	63	15508	9.785	ug/L	# 73
58) Bromodichloromethane	6.928	83	47502	10.050	ug/L	# 97
61) 1,4-Dioxane	7.132	88	10169	446.931	ug/L	# 80
62) cis-1,3-Dichloropropene	7.620	75	52280	10.288	ug/L	# 84
65) Toluene	7.898	92	87635	10.585	ug/L	98
66) 4-Methyl-2-pentanone	8.328	58	5996	8.867	ug/L	# 90
67) Tetrachloroethene	8.349	166	37234	10.540	ug/L	96
69) trans-1,3-Dichloropropene	8.375	75	44407	11.043	ug/L	# 86
71) Ethyl methacrylate	8.569	69	29456	9.557	ug/L	# 77
72) 1,1,2-Trichloroethane	8.558	83	21940	10.460	ug/L	95
73) Chlorodibromomethane	8.773	129	30046	10.019	ug/L	97
74) 1,3-Dichloropropane	8.884	76	43834	10.825	ug/L	99
75) 1,2-Dibromoethane	9.051	107	26033	10.299	ug/L	99
77) 2-Hexanone	9.340	43	11598	9.174	ug/L	97
78) Chlorobenzene	9.707	112	99740	10.501	ug/L	90
79) Ethylbenzene	9.754	91	171136	10.679	ug/L	96
80) 1,1,1,2-Tetrachloroethane	9.791	131	33015	9.919	ug/L	99
81) p/m Xylene	9.943	106	137993	20.629	ug/L	87
82) o Xylene	10.472	106	133145	19.436	ug/L	89

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A01.D
 Acq On : 16 Sep 2023 12:58 pm
 Operator : VOA130:LAC
 Sample : WG1828105-9
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 18 14:14:55 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	10.535	104	223293	19.669	ug/L	88
85)	Bromoform	10.556	173	16958	8.939	ug/L	98
87)	Isopropylbenzene	10.855	105	167672	10.609	ug/L	97
89)	Bromobenzene	11.280	156	41373	10.353	ug/L	99
90)	n-Propylbenzene	11.327	91	205618	10.987	ug/L	94
91)	1,4-Dichlorobutane	11.337	55	34091	9.733	ug/L	94
92)	1,1,2,2-Tetrachloroethane	11.400	83	29491	10.767	ug/L	99
93)	4-Ethyltoluene	11.453	105	173687	10.793	ug/L	97
94)	2-Chlorotoluene	11.489	91	115062M6	10.397	ug/L	
95)	1,3,5-Trimethylbenzene	11.547	105	144785	10.240	ug/L	95
96)	1,2,3-Trichloropropane	11.542	75	22592	9.952	ug/L #	81
97)	trans-1,4-Dichloro-2-b...	11.594	53	7575	9.517	ug/L	87
98)	4-Chlorotoluene	11.668	91	120705	10.506	ug/L #	88
99)	tert-Butylbenzene	11.888	119	118087	10.258	ug/L	90
102)	1,2,4-Trimethylbenzene	11.961	105	145876	10.372	ug/L	96
103)	sec-Butylbenzene	12.077	105	179110	10.529	ug/L	94
104)	p-Isopropyltoluene	12.229	119	154585	10.365	ug/L	96
105)	1,3-Dichlorobenzene	12.292	146	84140	10.321	ug/L	96
106)	1,4-Dichlorobenzene	12.381	146	85079	10.242	ug/L	97
107)	p-Diethylbenzene	12.601	119	94686	10.577	ug/L	94
108)	n-Butylbenzene	12.659	91	138834	10.934	ug/L	95
109)	1,2-Dichlorobenzene	12.805	146	78263	10.053	ug/L	96
110)	1,2,4,5-Tetramethylben...	13.393	119	140439	9.993	ug/L	96
111)	1,2-Dibromo-3-chloropr...	13.581	155	4304	9.138	ug/L	99
112)	1,3,5-Trichlorobenzene	13.613	180	58909	10.420	ug/L	97
113)	Hexachlorobutadiene	14.195	225	16618	10.461	ug/L	98
114)	1,2,4-Trichlorobenzene	14.211	180	50419	10.320	ug/L	98
115)	Naphthalene	14.504	128	104651	9.773	ug/L	100
116)	1,2,3-Trichlorobenzene	14.672	180	44778	9.920	ug/L	98

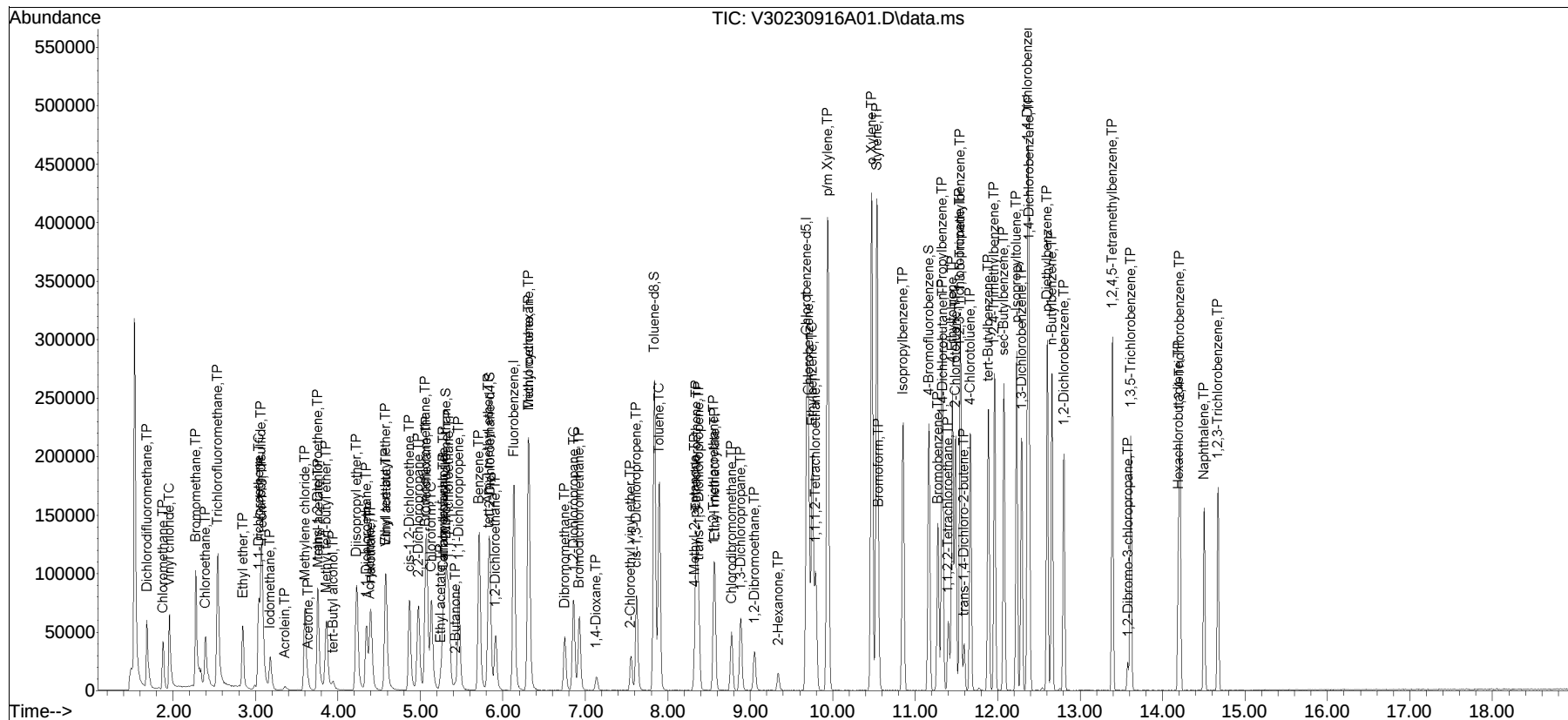
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
Data File : V30230916A01.D
Acq On : 16 Sep 2023 12:58 pm
Operator : VOA130:LAC
Sample : WG1828105-9
Misc : WG1828105,ICAL20364
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 18 14:14:55 2023
Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Sep 14 12:06:27 2023
Response via : Initial Calibration

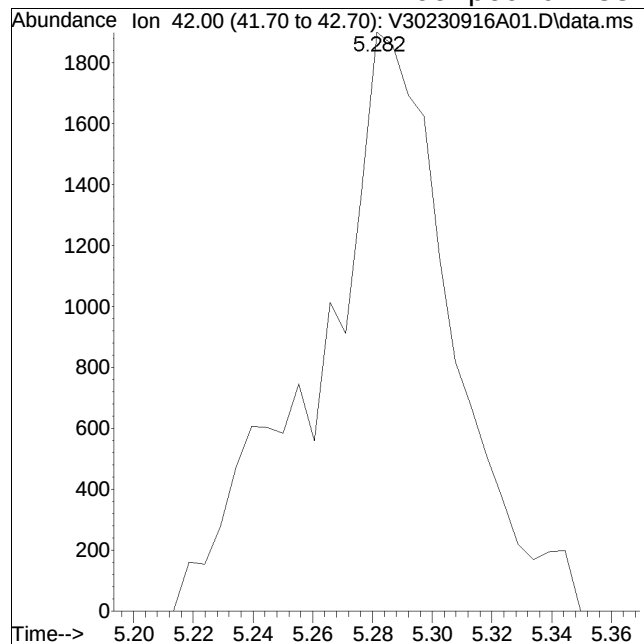
Sub List : 8260-Curve - Megamix plus Diox230916A01.D•



Manual Integration Report

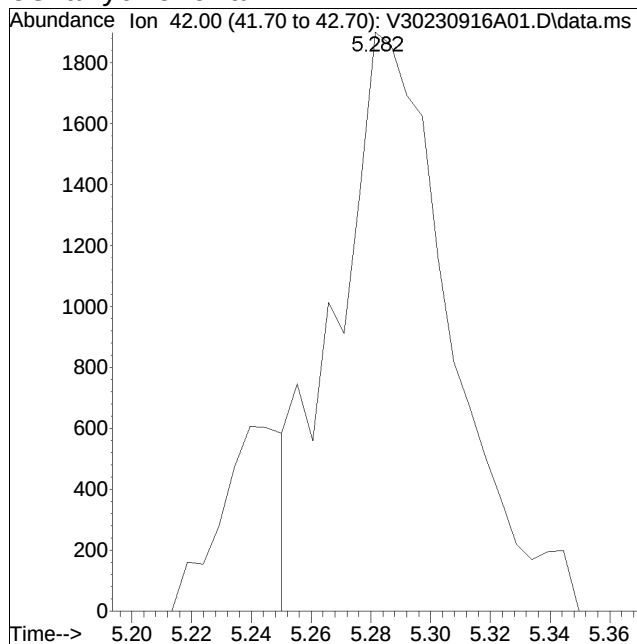
Data Path : K:\VOA130\2023\230916A\ QMethod : V130_230913A_8260D.m
Data File : V30230916A01.D Operator : VOA130:LAC
Date Inj'd : 9/16/2023 12:58 pm Instrument : VOA130
Sample : WG1828105-9 Quant Date : 9/16/2023 1:34 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 5931

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

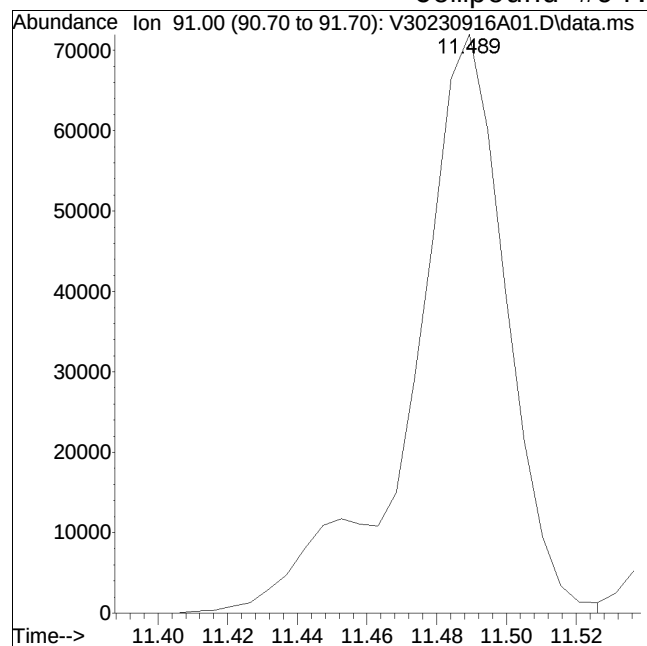


Manual Peak Response = 5031 M6

Manual Integration Report

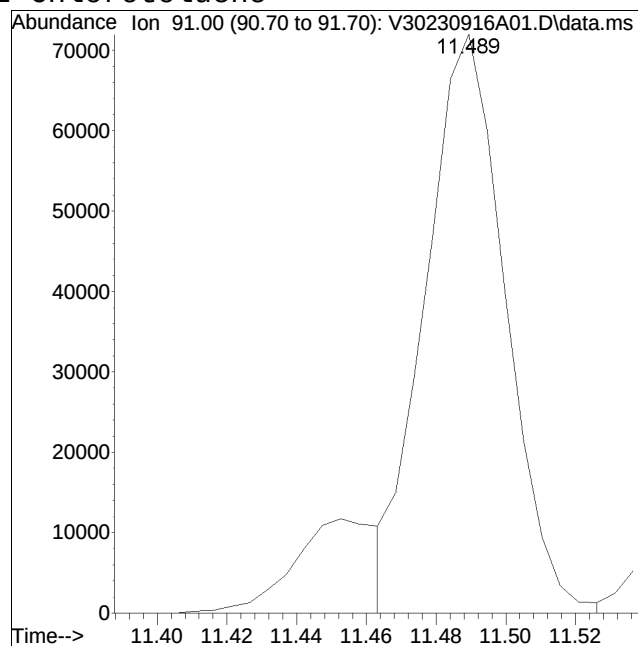
Data Path : K:\VOA130\2023\230916A\ QMethod : V130_230913A_8260D.m
Data File : V30230916A01.D Operator : VOA130:LAC
Date Inj'd : 9/16/2023 12:58 pm Instrument : VOA130
Sample : WG1828105-9 Quant Date : 9/16/2023 1:34 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 134899

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).



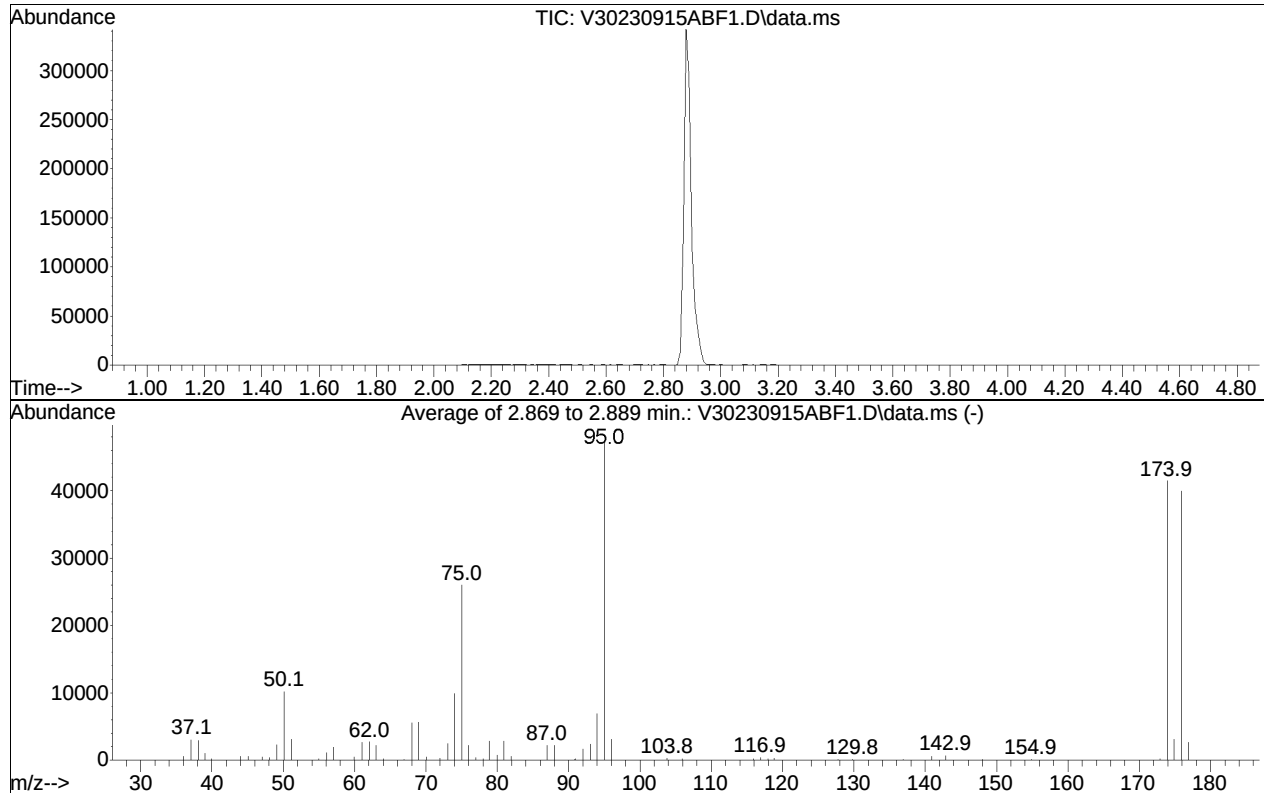
Manual Peak Response = 115062 M6

BFB

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915ABF1.D
 Acq On : 15 Sep 2023 05:22 am
 Operator : VOA130:MJV
 Sample : WG1828105-1
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu Sep 14 12:06:27 2023



AutoFind: Scans 77, 78, 79; Background Corrected with Scan 73

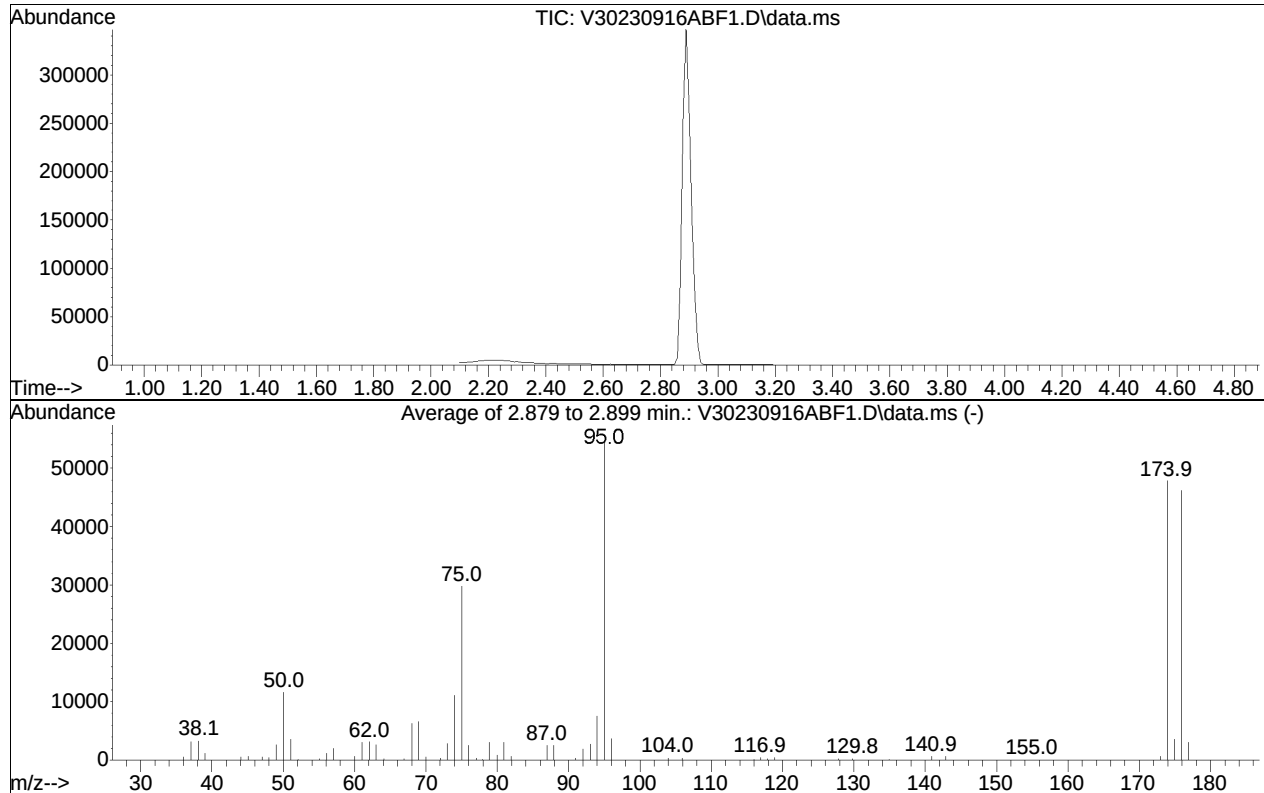
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.5	10198	PASS
75	95	30	60	54.8	26014	PASS
95	95	100	100	100.0	47451	PASS
96	95	5	9	6.5	3070	PASS
173	174	0.00	2	0.5	221	PASS
174	95	50	100	87.5	41512	PASS
175	174	5	9	7.5	3123	PASS
176	174	95	101	96.3	39996	PASS
177	176	5	9	6.5	2613	PASS

BFB

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916ABF1.D
 Acq On : 16 Sep 2023 12:41 pm
 Operator : VOA130:LAC
 Sample : WG1828105-8
 Misc : WG1828105
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Title : VOLATILES BY GC/MS
 Last Update : Thu Sep 14 12:06:27 2023



AutoFind: Scans 78, 79, 80; Background Corrected with Scan 73

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.2	11574	PASS
75	95	30	60	54.5	29819	PASS
95	95	100	100	100.0	54723	PASS
96	95	5	9	6.8	3709	PASS
173	174	0.00	2	1.3	638	PASS
174	95	50	100	87.5	47896	PASS
175	174	5	9	7.5	3591	PASS
176	174	95	101	96.4	46184	PASS
177	176	5	9	6.5	3006	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A05.D
 Acq On : 15 Sep 2023 07:08 am
 Operator : VOA130:MJV
 Sample : WG1828105-5,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 15 08:01:47 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	171912	10.000	ug/L	# 0.00
Standard Area 1 = 196480			Recovery	=	87.50%	
63) Chlorobenzene-d5	9.691	117	159132	10.000	ug/L	# 0.00
Standard Area 1 = 172891			Recovery	=	92.04%	
84) 1,4-Dichlorobenzene-d4	12.365	152	90744	10.000	ug/L	0.00
Standard Area 1 = 103140			Recovery	=	87.98%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	53463	9.913	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.13%	
47) 1,2-Dichloroethane-d4	5.843	65	52297	9.669	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.69%	
64) Toluene-d8	7.840	98	202269	10.229	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.29%	
88) 4-Bromofluorobenzene	11.164	95	69595	10.262	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.62%	
Target Compounds						
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	1.884	50	61		N.D.	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	2.277	94	324		N.D.	
6) Chloroethane	0.000		0		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	0.000		0		N.D. d	
12) Freon-113	0.000		0		N.D.	
15) Methylene chloride	3.604	84	339	0.104	ug/L #	83
17) Acetone	3.641	43	303	Below Cal	#	50
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
19) Methyl acetate	0.000		0		N.D. d	
21) Methyl tert-butyl ether	0.000		0		N.D.	
25) 1,1-Dichloroethane	0.000		0		N.D.	
30) cis-1,2-Dichloroethene	0.000		0		N.D.	
33) Bromochloromethane	0.000		0		N.D.	
34) Cyclohexane	0.000		0		N.D.	
35) Chloroform	0.000		0		N.D.	
37) Carbon tetrachloride	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A05.D
 Acq On : 15 Sep 2023 07:08 am
 Operator : VOA130:MJV
 Sample : WG1828105-5,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 15 08:01:47 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,1,1-Trichloroethane	0.000		0		N.D.	
42) 2-Butanone	0.000		0		N.D.	
45) Benzene	5.717	78	50		N.D.	
48) 1,2-Dichloroethane	0.000		0		N.D.	
51) Methylcyclohexane	0.000		0		N.D.	
52) Trichloroethene	0.000		0		N.D.	
55) 1,2-Dichloropropane	0.000		0		N.D.	
58) Bromodichloromethane	0.000		0		N.D.	
61) 1,4-Dioxane	0.000		0		N.D.	
62) cis-1,3-Dichloropropene	0.000		0		N.D.	
65) Toluene	0.000		0		N.D.	
66) 4-Methyl-2-pentanone	0.000		0		N.D.	
67) Tetrachloroethene	0.000		0		N.D.	
69) trans-1,3-Dichloropropene	0.000		0		N.D.	
72) 1,1,2-Trichloroethane	0.000		0		N.D.	
73) Chlorodibromomethane	0.000		0		N.D.	
75) 1,2-Dibromoethane	0.000		0		N.D.	
77) 2-Hexanone	0.000		0		N.D.	
78) Chlorobenzene	9.712	112	54		N.D.	
79) Ethylbenzene	9.749	91	112		N.D.	
81) p/m Xylene	0.000		0		N.D.	
82) o Xylene	0.000		0		N.D.	
83) Styrene	10.546	104	215		N.D.	
85) Bromoform	0.000		0		N.D.	
87) Isopropylbenzene	0.000		0		N.D.	
90) n-Propylbenzene	11.332	91	280		N.D.	
92) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
95) 1,3,5-Trimethylbenzene	11.453	105	122		N.D.	
99) tert-Butylbenzene	0.000		0		N.D.	
102) 1,2,4-Trimethylbenzene	11.961	105	53		N.D.	
103) sec-Butylbenzene	12.082	105	49		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	12.297	146	54		N.D.	
106) 1,4-Dichlorobenzene	12.386	146	282		N.D.	
108) n-Butylbenzene	12.664	91	251		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	14.504	128	50		N.D.	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A05.D
 Acq On : 15 Sep 2023 07:08 am
 Operator : VOA130:MJV
 Sample : WG1828105-5,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 15 08:01:47 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

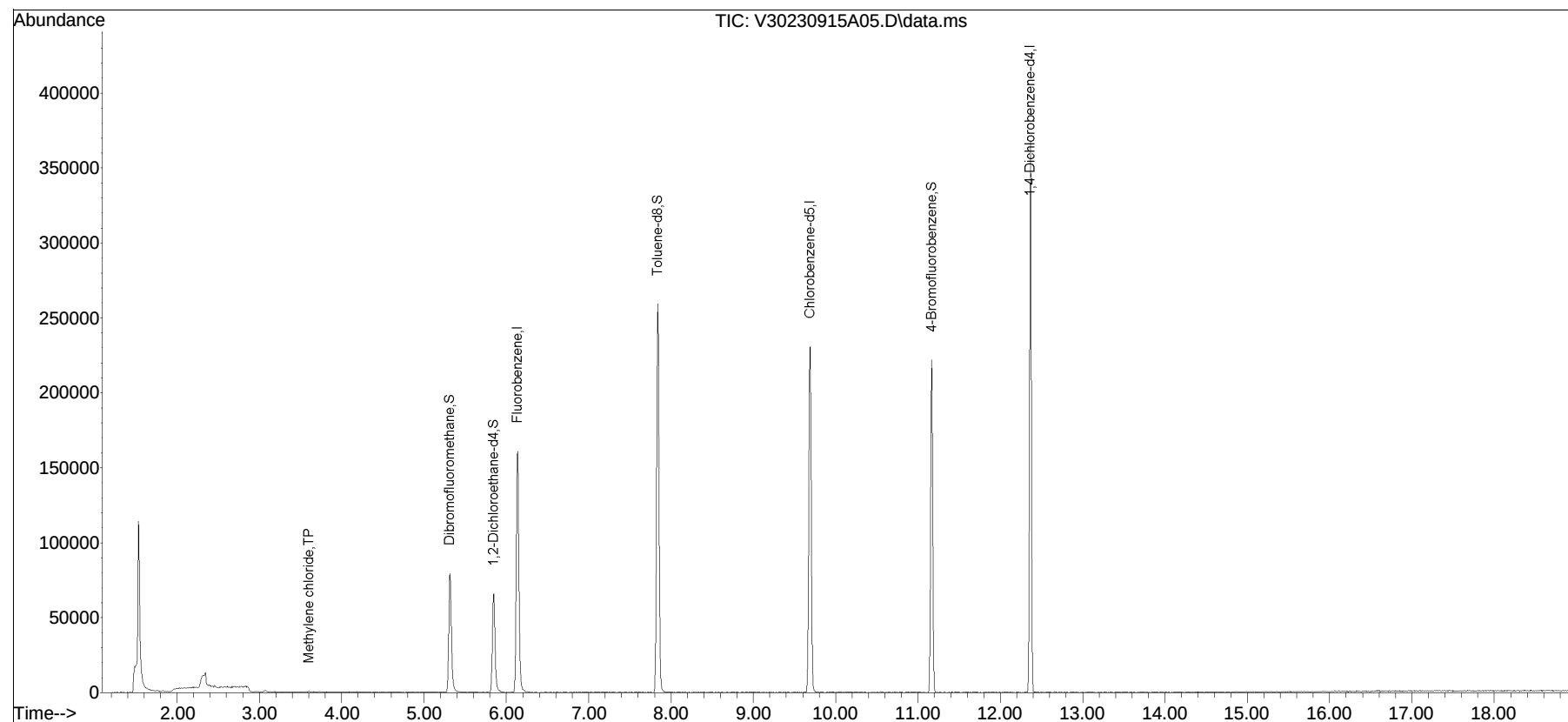
(#) = qualifier out of range (m) = manual integration (+) = signals summed

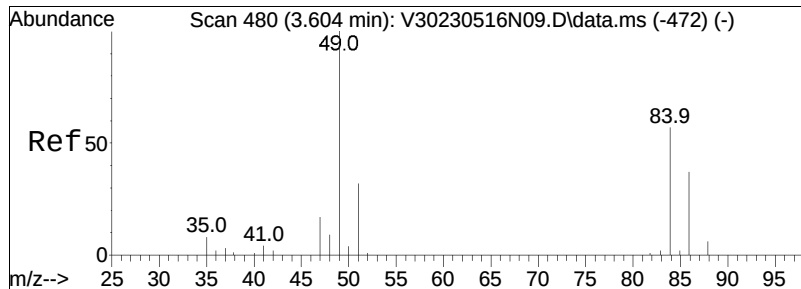
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A05.D
 Acq On : 15 Sep 2023 07:08 am
 Operator : VOA130:MJV
 Sample : WG1828105-5,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 15 08:01:47 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

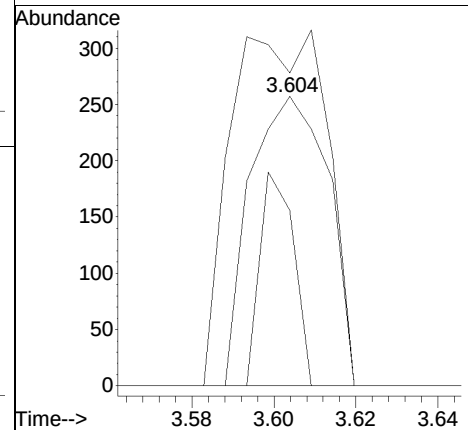
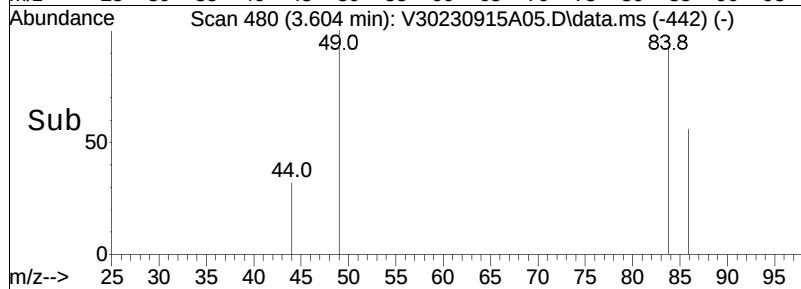
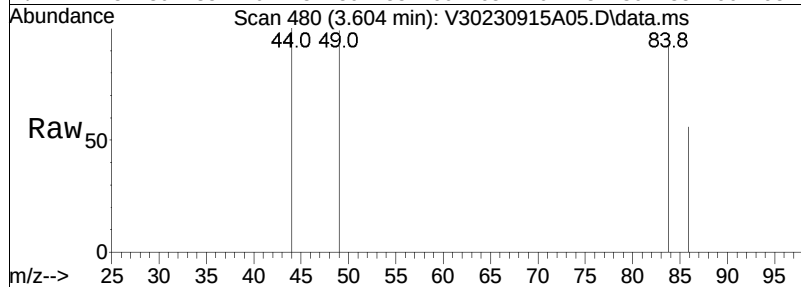
Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane





#15
Methylene chloride
Concen: 0.10 ug/L
RT: 3.604 min Scan# 480
Delta R.T. -0.000 min
Lab File: V30230915A05.D
Acq: 15 Sep 2023 07:08 am

Tgt Ion: 84 Resp: 339
Ion Ratio Lower Upper
84 100
86 32.2 41.7 86.5#
49 149.9 103.9 215.9



Manual Integration Report

Data Path	: K:\V0A130\2023\230915A\	QMethod	: V130_230913A_8260D.m
Data File	: V30230915A05.D	Operator	: V0A130:MJV
Date Inj'd	: 9/15/2023 7:08 am	Instrument	: V0A130
Sample	: WG1828105-5,31,10,10	Quant Date	: 9/15/2023 8:00 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A05.D
 Acq On : 16 Sep 2023 02:26 pm
 Operator : VOA130:LAC
 Sample : WG1828105-12,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 15:06:19 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	159105	10.000	ug/L	# 0.00
Standard Area 1 = 187984			Recovery =	84.64%		
63) Chlorobenzene-d5	9.691	117	147910	10.000	ug/L	# 0.00
Standard Area 1 = 163848			Recovery =	90.27%		
84) 1,4-Dichlorobenzene-d4	12.365	152	82752	10.000	ug/L	0.00
Standard Area 1 = 96294			Recovery =	85.94%		
System Monitoring Compounds						
39) Dibromofluoromethane	5.318	113	49431	9.904	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.04%		
47) 1,2-Dichloroethane-d4	5.843	65	48542	9.697	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.97%		
64) Toluene-d8	7.840	98	187826	10.219	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.19%		
88) 4-Bromofluorobenzene	11.164	95	64822	10.482	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.82%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.272	94	368	0.080	ug/L	97
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.069	76	1350	0.185	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.604	84	105	N.D.		
17) Acetone	0.000		0	N.D.		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
33) Bromochloromethane	0.000		0	N.D.		
34) Cyclohexane	0.000		0	N.D.		
35) Chloroform	0.000		0	N.D.		
37) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A05.D
 Acq On : 16 Sep 2023 02:26 pm
 Operator : VOA130:LAC
 Sample : WG1828105-12,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 15:06:19 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,1,1-Trichloroethane	0.000		0		N.D.	
42) 2-Butanone	0.000		0		N.D.	
45) Benzene	0.000		0		N.D.	
48) 1,2-Dichloroethane	0.000		0		N.D.	
51) Methylcyclohexane	0.000		0		N.D.	
52) Trichloroethene	0.000		0		N.D.	
55) 1,2-Dichloropropane	0.000		0		N.D.	
58) Bromodichloromethane	0.000		0		N.D.	
61) 1,4-Dioxane	0.000		0		N.D.	
62) cis-1,3-Dichloropropene	0.000		0		N.D.	
65) Toluene	0.000		0		N.D.	
66) 4-Methyl-2-pentanone	0.000		0		N.D.	
67) Tetrachloroethene	0.000		0		N.D.	
69) trans-1,3-Dichloropropene	0.000		0		N.D.	
72) 1,1,2-Trichloroethane	0.000		0		N.D.	
73) Chlorodibromomethane	0.000		0		N.D.	
75) 1,2-Dibromoethane	0.000		0		N.D.	
77) 2-Hexanone	0.000		0		N.D.	
78) Chlorobenzene	0.000		0		N.D.	
79) Ethylbenzene	9.701	91	117		N.D.	
81) p/m Xylene	0.000		0		N.D.	
82) o Xylene	0.000		0		N.D.	
83) Styrene	10.551	104	55		N.D.	
85) Bromoform	0.000		0		N.D.	
87) Isopropylbenzene	0.000		0		N.D.	
90) n-Propylbenzene	11.337	91	217		N.D.	
92) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
95) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
99) tert-Butylbenzene	0.000		0		N.D.	
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	12.297	146	53		N.D.	
106) 1,4-Dichlorobenzene	12.381	146	186		N.D.	
108) n-Butylbenzene	12.659	91	185		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A05.D
 Acq On : 16 Sep 2023 02:26 pm
 Operator : VOA130:LAC
 Sample : WG1828105-12,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 15:06:19 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

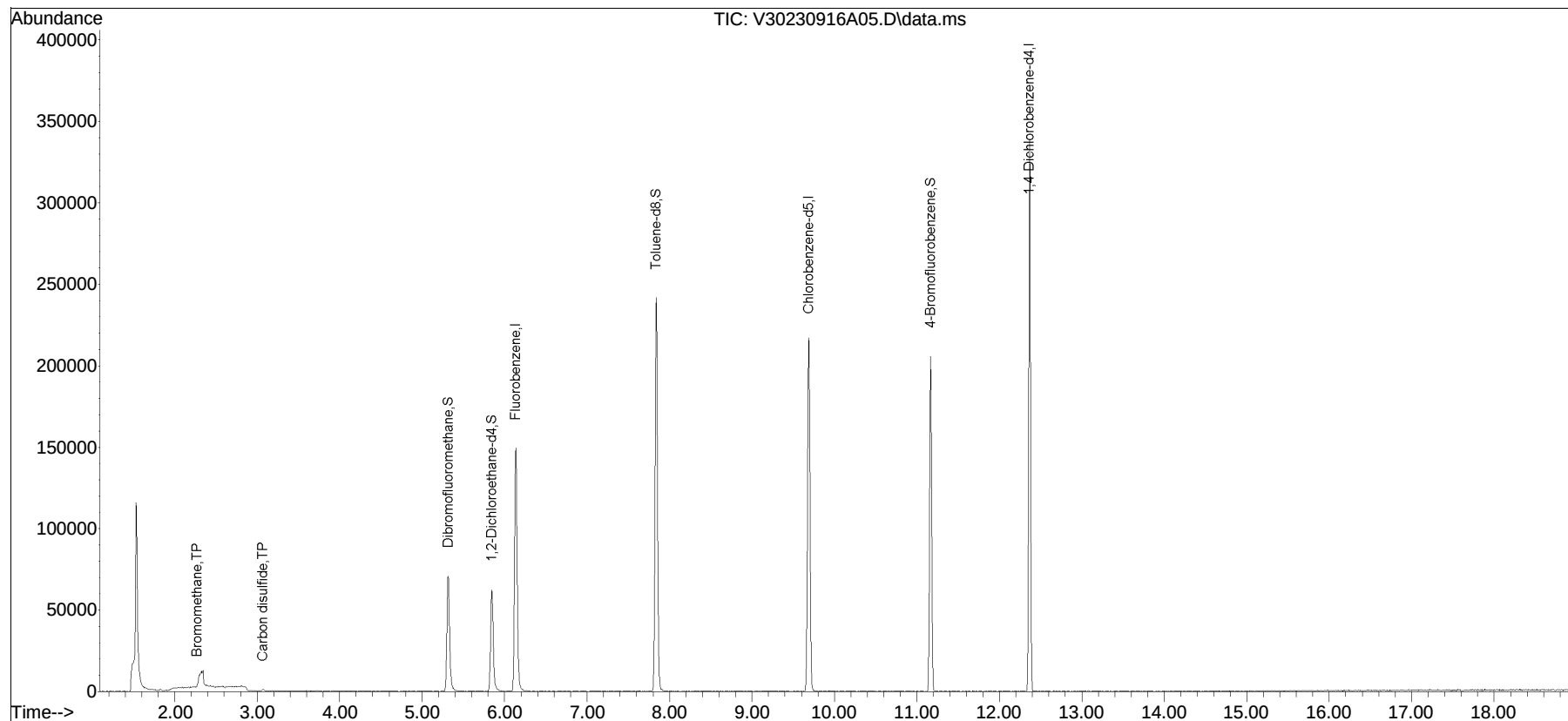
(#) = qualifier out of range (m) = manual integration (+) = signals summed

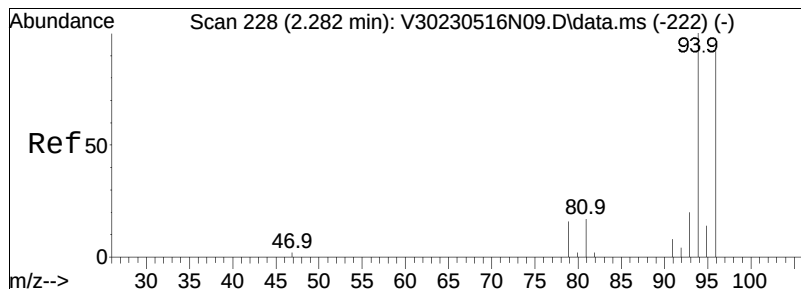
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A05.D
 Acq On : 16 Sep 2023 02:26 pm
 Operator : VOA130:LAC
 Sample : WG1828105-12,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 15:06:19 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

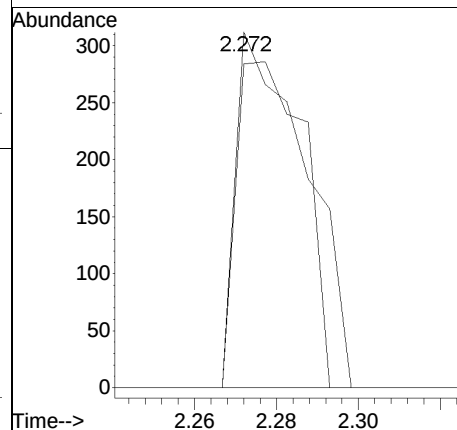
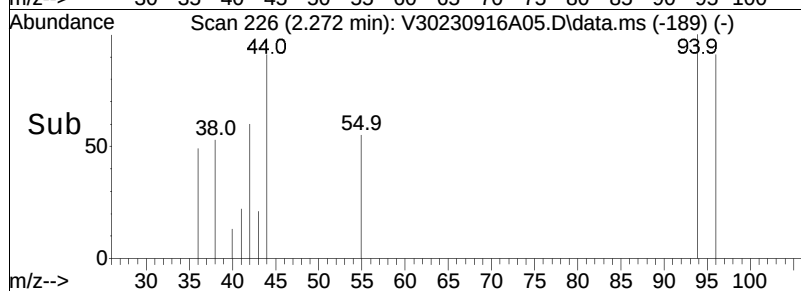
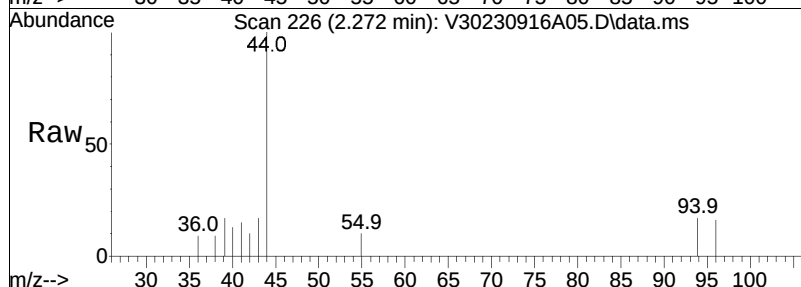
Sub List : 8260-Curve - Megamix plus Diox230916A01.D•

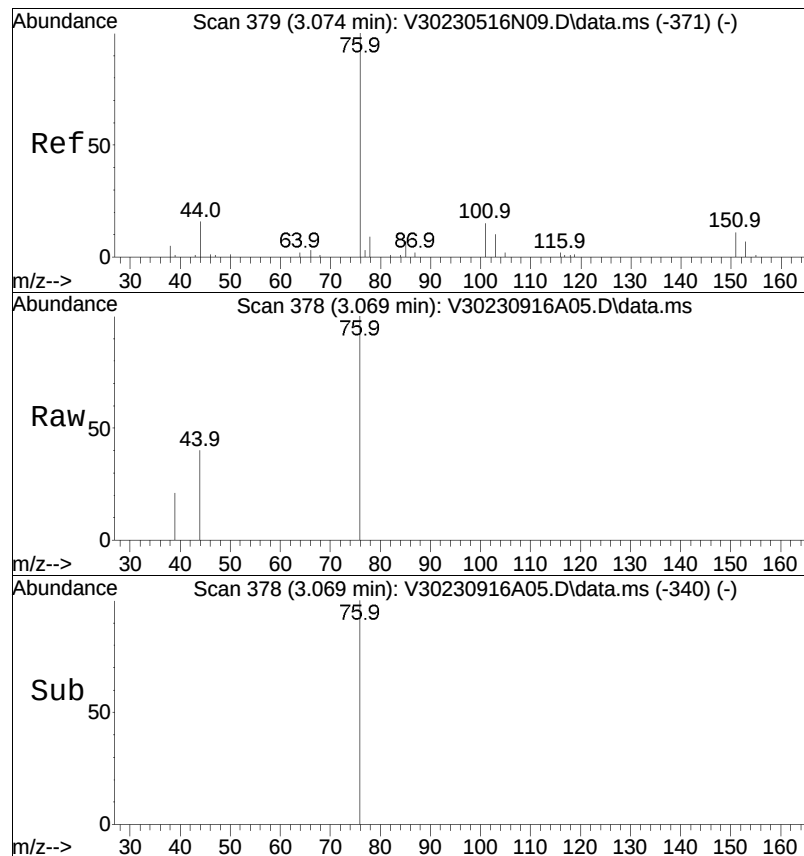




#5
 Bromomethane
 Concen: 0.08 ug/L
 RT: 2.272 min Scan# 226
 Delta R.T. -0.005 min
 Lab File: V30230916A05.D
 Acq: 16 Sep 2023 02:26 pm

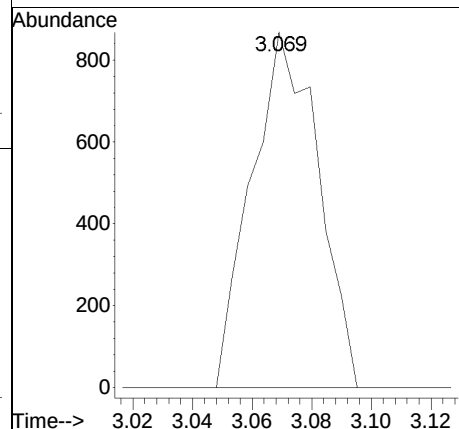
Tgt Ion: 94 Resp: 368
 Ion Ratio Lower Upper
 94 100
 96 89.1 73.7 110.5





#11
 Carbon disulfide
 Concen: 0.19 ug/L
 RT: 3.069 min Scan# 378
 Delta R.T. -0.000 min
 Lab File: V30230916A05.D
 Acq: 16 Sep 2023 02:26 pm

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.4	13.4#



Manual Integration Report

Data Path	: K:\V0A130\2023\230916A\	QMethod	: V130_230913A_8260D.m
Data File	: V30230916A05.D	Operator	: V0A130:LAC
Date Inj'd	: 9/16/2023 2:26 pm	Instrument	: V0A130
Sample	: WG1828105-12,31,10,10	Quant Date	: 9/16/2023 3:06 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A01.D
 Acq On : 15 Sep 2023 05:41 am
 Operator : VOA130:MJV
 Sample : WG1828105-3,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 06:03:24 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.131	96	196480	10.000	ug/L	# 0.00
Standard Area 1 = 196480			Recovery	=	100.00%	
63) Chlorobenzene-d5	9.686	117	172891	10.000	ug/L	# 0.00
Standard Area 1 = 172891			Recovery	=	100.00%	
84) 1,4-Dichlorobenzene-d4	12.365	152	103140	10.000	ug/L	0.00
Standard Area 1 = 103140			Recovery	=	100.00%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	59701	9.686	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.86%	
47) 1,2-Dichloroethane-d4	5.843	65	59887	9.688	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.88%	
64) Toluene-d8	7.840	98	220342	10.256	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.56%	
88) 4-Bromofluorobenzene	11.164	95	75930	9.851	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.51%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	52867	10.569	ug/L	96
3) Chloromethane	1.879	50	37978	9.813	ug/L	96
4) Vinyl chloride	1.957	62	56190	11.684	ug/L	98
5) Bromomethane	2.277	94	46293	8.128	ug/L	97
6) Chloroethane	2.387	64	43054	11.461	ug/L	97
7) Trichlorofluoromethane	2.539	101	116471	12.498	ug/L	99
10) 1,1-Dichloroethene	3.037	96	33950	10.450	ug/L	# 68
11) Carbon disulfide	3.069	76	93681	10.422	ug/L	99
12) Freon-113	3.085	101	38582	11.147	ug/L	87
15) Methylene chloride	3.598	84	38021	10.224	ug/L	76
17) Acetone	3.640	43	6733	11.259	ug/L	93
18) trans-1,2-Dichloroethene	3.756	96	37889	10.460	ug/L	73
19) Methyl acetate	3.761	43	14968	10.629	ug/L	# 81
21) Methyl tert-butyl ether	3.861	73	84986	10.852	ug/L	89
25) 1,1-Dichloroethane	4.343	63	64100	10.202	ug/L	# 96
30) cis-1,2-Dichloroethene	4.867	96	42306	10.244	ug/L	# 73
33) Bromochloromethane	5.061	128	20270	10.221	ug/L	# 53
34) Cyclohexane	5.077	56	54730	10.401	ug/L	# 65
35) Chloroform	5.135	83	67114	10.027	ug/L	95
37) Carbon tetrachloride	5.281	117	48915	9.730	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A01.D
 Acq On : 15 Sep 2023 05:41 am
 Operator : VOA130:MJV
 Sample : WG1828105-3,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 06:03:24 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40)	1,1,1-Trichloroethane	5.344	97	59837	10.199	ug/L	92
42)	2-Butanone	5.428	43	8958	10.767	ug/L	94
45)	Benzene	5.711	78	140969	10.542	ug/L	93
48)	1,2-Dichloroethane	5.916	62	44722	9.964	ug/L #	97
51)	Methylcyclohexane	6.309	83	61736	10.523	ug/L #	72
52)	Trichloroethene	6.314	95	39180	9.831	ug/L	88
55)	1,2-Dichloropropane	6.860	63	34088	10.489	ug/L #	94
58)	Bromodichloromethane	6.928	83	49705	10.061	ug/L #	98
61)	1,4-Dioxane	7.138	88	13455	565.781	ug/L #	77
62)	cis-1,3-Dichloropropene	7.625	75	55091	10.372	ug/L #	86
65)	Toluene	7.893	92	90729	10.386	ug/L	97
66)	4-Methyl-2-pentanone	8.333	58	7431	10.415	ug/L #	82
67)	Tetrachloroethene	8.349	166	40496	10.864	ug/L	94
69)	trans-1,3-Dichloropropene	8.375	75	47044	11.087	ug/L #	85
72)	1,1,2-Trichloroethane	8.564	83	24337	10.996	ug/L	94
73)	Chlorodibromomethane	8.773	129	32571	10.293	ug/L #	97
75)	1,2-Dibromoethane	9.051	107	29408	11.025	ug/L	100
77)	2-Hexanone	9.340	43	13593	10.190	ug/L	94
78)	Chlorobenzene	9.712	112	105344	10.511	ug/L	90
79)	Ethylbenzene	9.754	91	178093	10.532	ug/L	96
81)	p/m Xylene	9.943	106	144338	20.449	ug/L	88
82)	o Xylene	10.472	106	141270	19.543	ug/L	89
83)	Styrene	10.535	104	235422	19.653	ug/L	87
85)	Bromoform	10.556	173	18485	9.097	ug/L	98
87)	Isopropylbenzene	10.855	105	177550	10.488	ug/L	96
90)	n-Propylbenzene	11.327	91	213509	10.652	ug/L	94
92)	1,1,2,2-Tetrachloroethane	11.400	83	33549	11.436	ug/L	99
95)	1,3,5-Trimethylbenzene	11.547	105	156476	10.332	ug/L	96
99)	tert-Butylbenzene	11.888	119	128106	10.390	ug/L	90
102)	1,2,4-Trimethylbenzene	11.966	105	153996	10.223	ug/L	95
103)	sec-Butylbenzene	12.077	105	190453	10.452	ug/L	94
104)	p-Isopropyltoluene	12.229	119	165549	10.364	ug/L	95
105)	1,3-Dichlorobenzene	12.292	146	90036	10.311	ug/L	96
106)	1,4-Dichlorobenzene	12.381	146	92345	10.379	ug/L	97
108)	n-Butylbenzene	12.659	91	145967	10.733	ug/L	95
109)	1,2-Dichlorobenzene	12.805	146	85391	10.241	ug/L	96
111)	1,2-Dibromo-3-chloropr...	13.576	155	4863	9.640	ug/L	96
114)	1,2,4-Trichlorobenzene	14.211	180	55878	10.679	ug/L	97
115)	Naphthalene	14.504	128	119716	10.438	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A01.D
 Acq On : 15 Sep 2023 05:41 am
 Operator : VOA130:MJV
 Sample : WG1828105-3,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 06:03:24 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	14.672	180	50300	10.403	ug/L	98

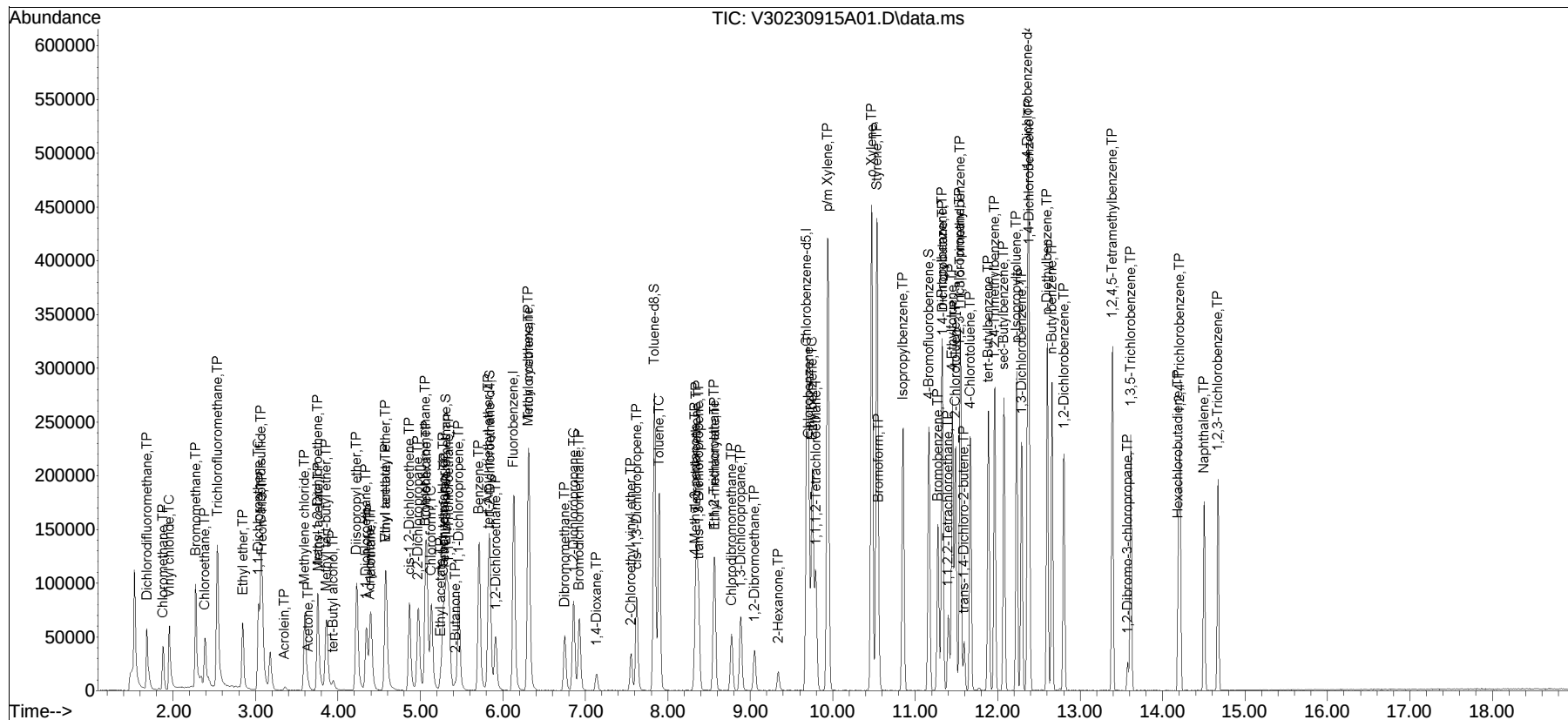
(#) = qualifier out of range (m) = manual integration (+) = signals summed

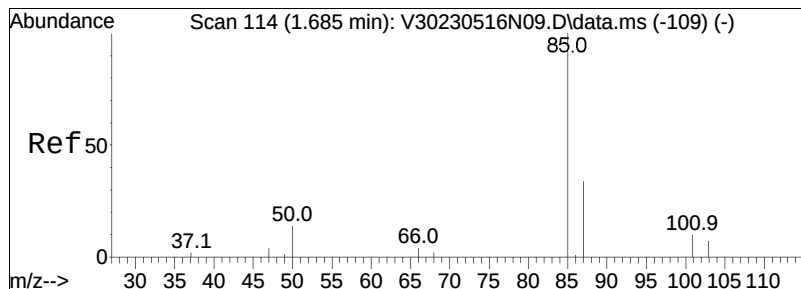
(QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
Data File : V30230915A01.D
Acq On : 15 Sep 2023 05:41 am
Operator : VOA130:MJV
Sample : WG1828105-3,31,10,10
Misc : WG1828105,ICAL20364
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 06:03:24 2023
Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Sep 14 12:06:27 2023
Response via : Initial Calibration

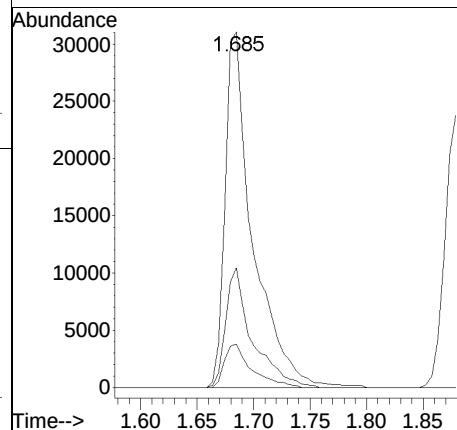
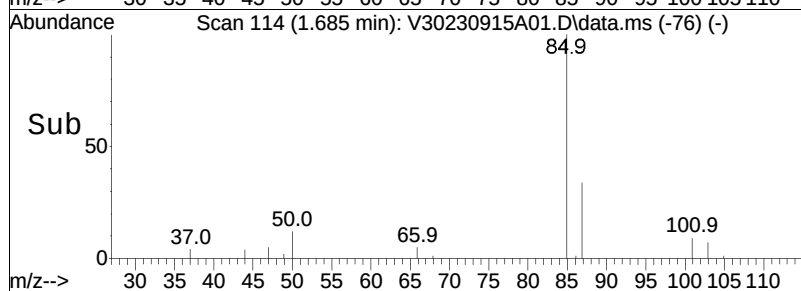
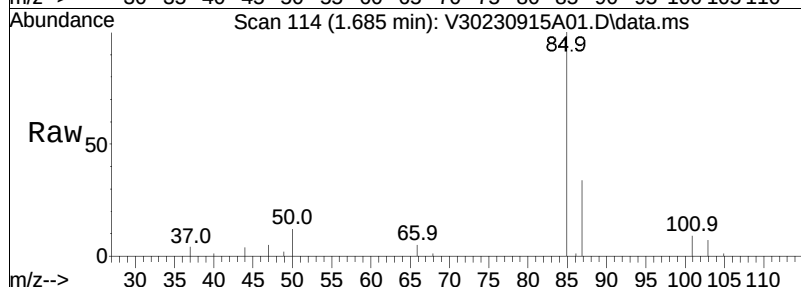
Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

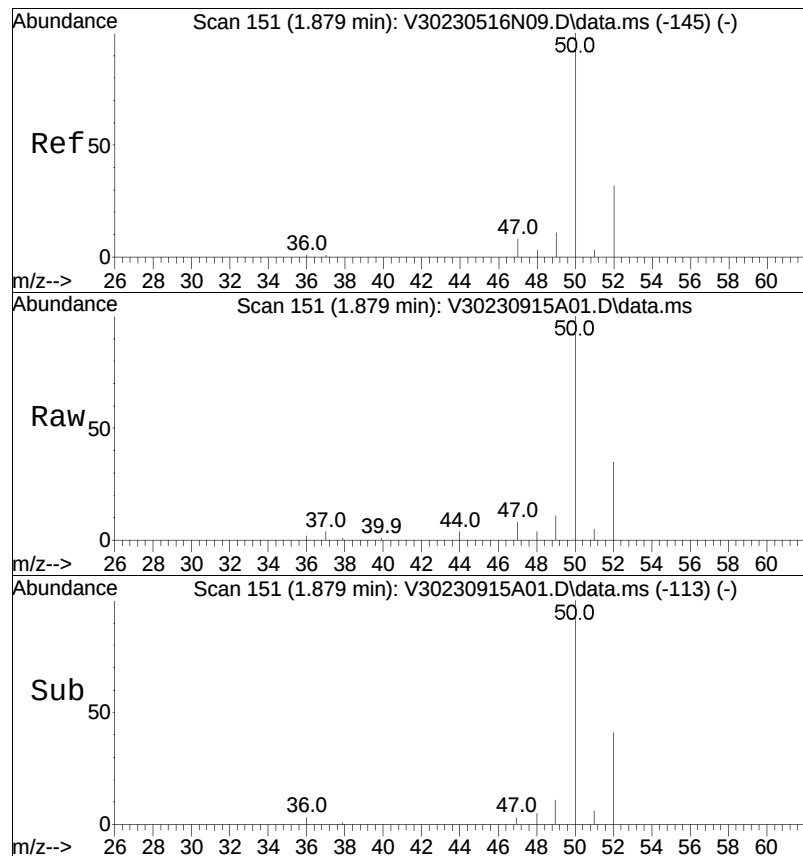




#2
 Dichlorodifluoromethane
 Concen: 10.57 ug/L
 RT: 1.685 min Scan# 114
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

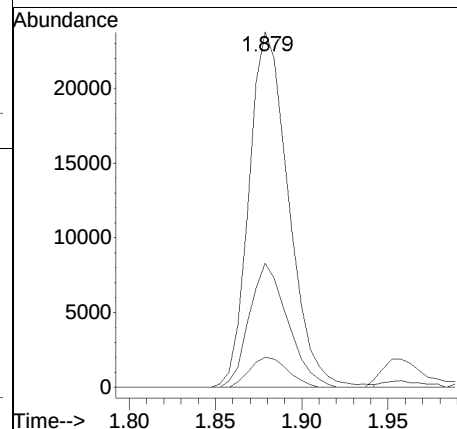
Tgt Ion: 85 Resp: 52867
 Ion Ratio Lower Upper
 85 100
 87 32.1 20.2 42.0
 50 11.9 10.1 20.9

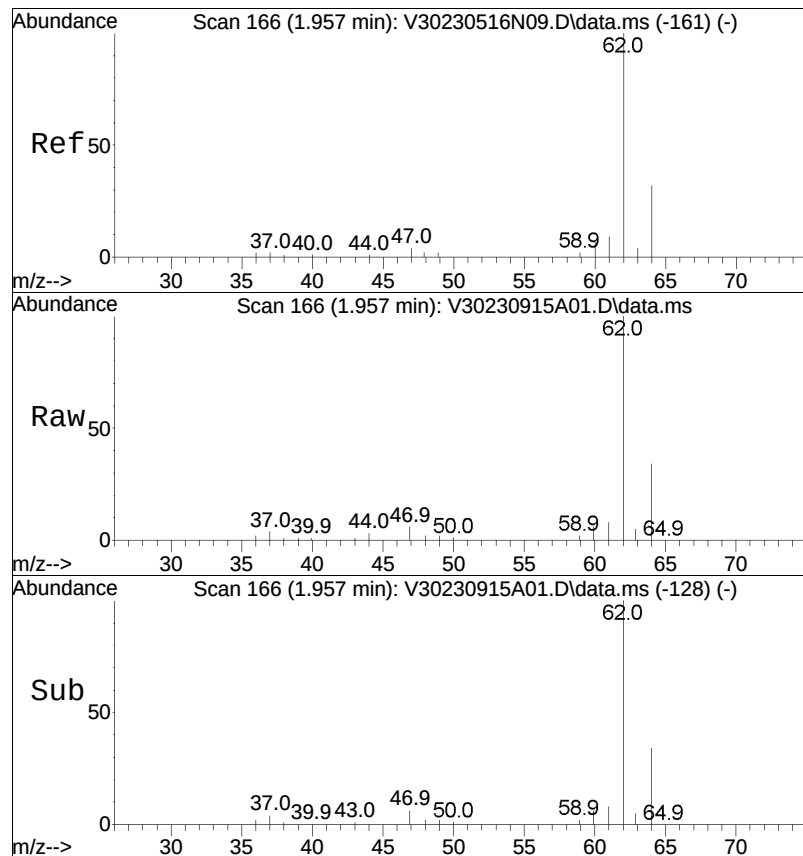




#3
 Chloromethane
 Concen: 9.81 ug/L
 RT: 1.879 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

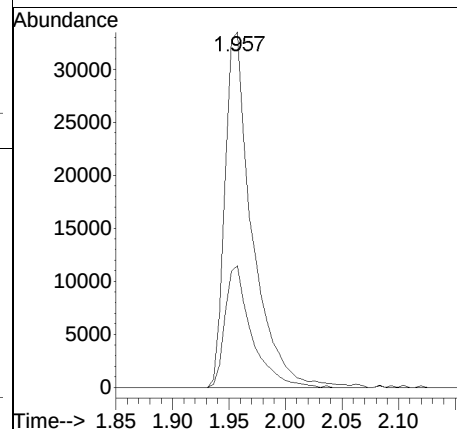
Tgt	Ion: 50	Resp:	37978
Ion	Ratio	Lower	Upper
50	100		
52	33.9	25.1	37.7
47	8.2	6.5	9.7

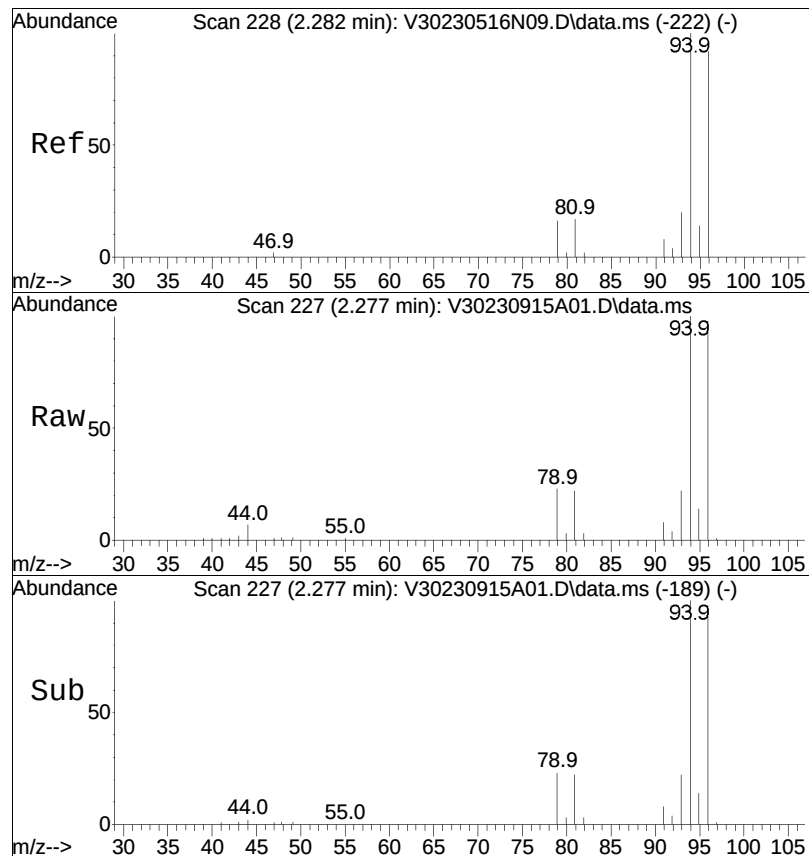




#4
 Vinyl chloride
 Concen: 11.68 ug/L
 RT: 1.957 min Scan# 166
 Delta R.T. 0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

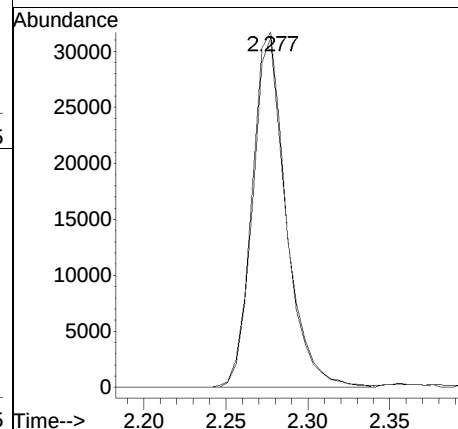
Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.4	25.7	38.5

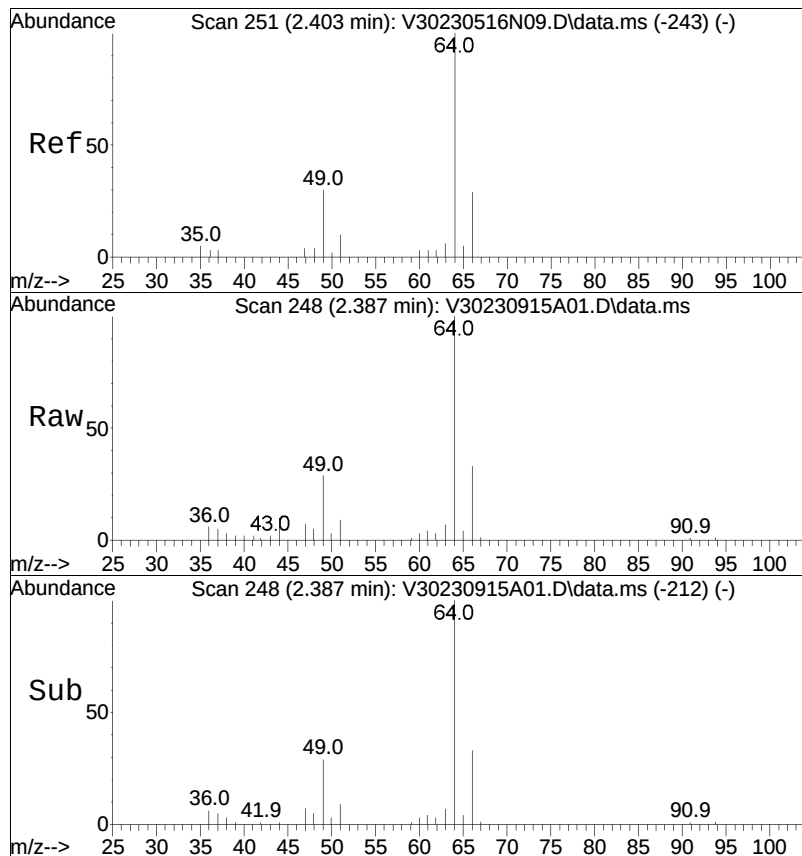




#5
 Bromomethane
 Concen: 8.13 ug/L
 RT: 2.277 min Scan# 227
 Delta R.T. 0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

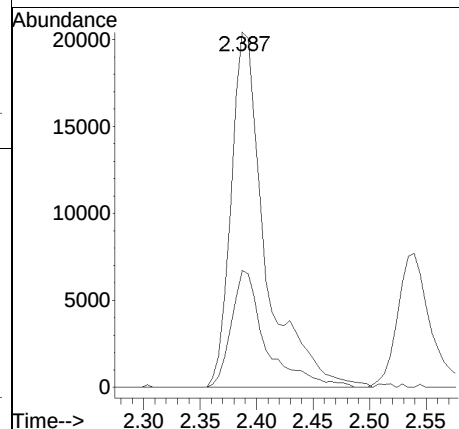
Tgt Ion	Ratio	Lower	Upper
94	100		
96	95.0	73.7	110.5

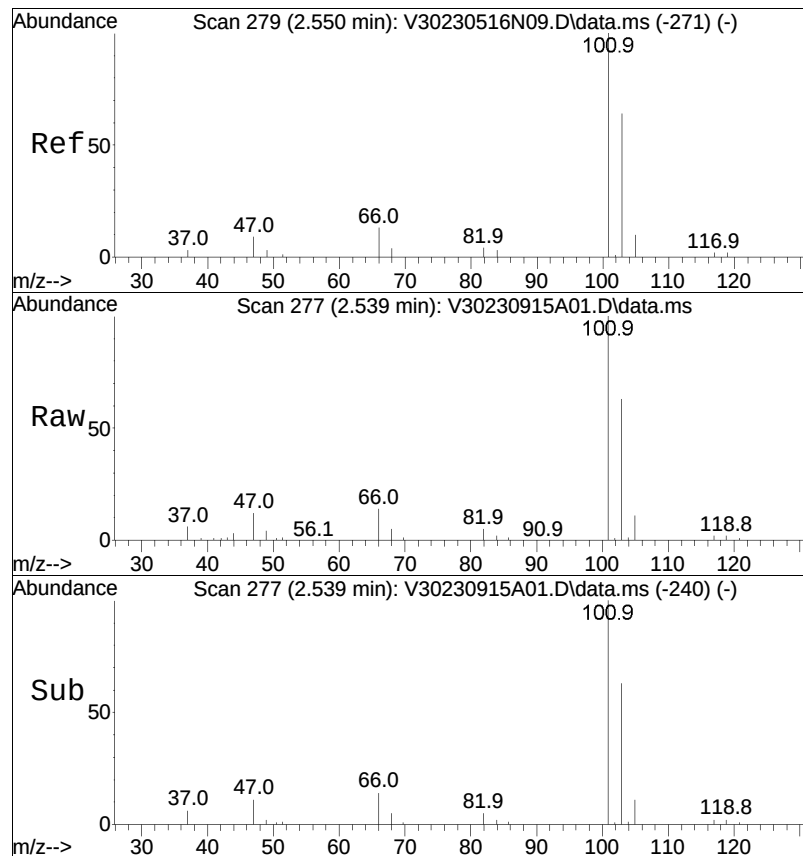




#6
 Chloroethane
 Concen: 11.46 ug/L
 RT: 2.387 min Scan# 248
 Delta R.T. -0.011 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

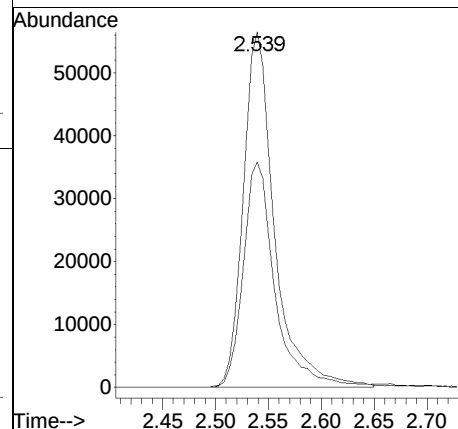
Tgt Ion: 64 Resp: 43054
 Ion Ratio Lower Upper
 64 100
 66 33.3 25.3 37.9

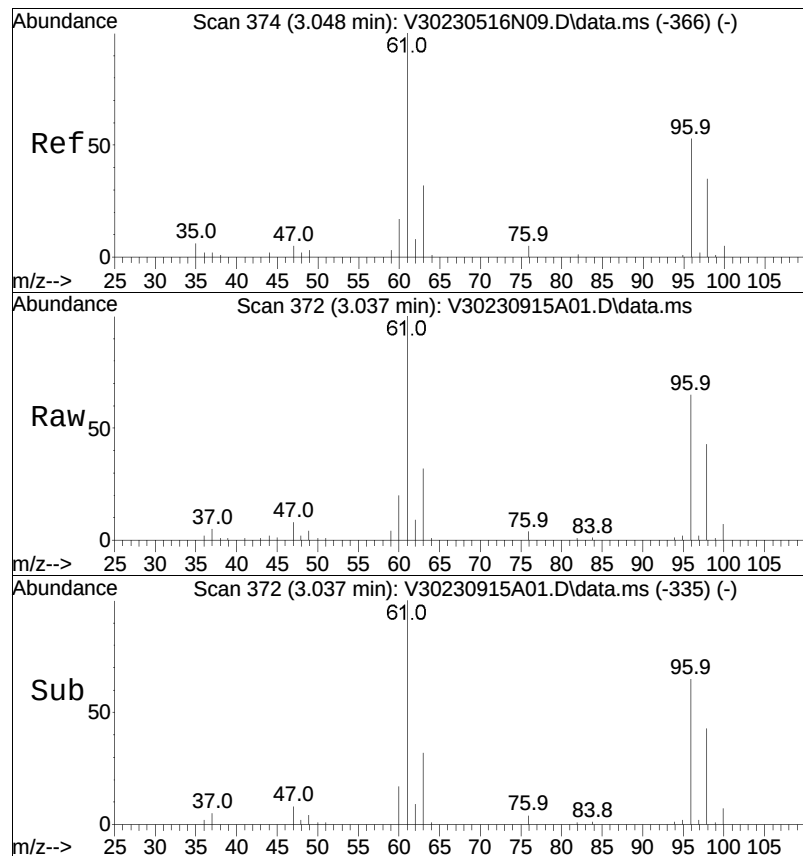




#7
 Trichlorofluoromethane
 Concen: 12.50 ug/L
 RT: 2.539 min Scan# 277
 Delta R.T. -0.006 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

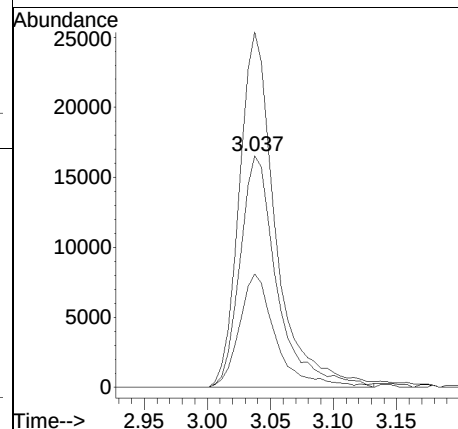
Tgt	Ion	Ratio	Lower	Upper
101	101	100		
103	64.8	51.0	76.4	

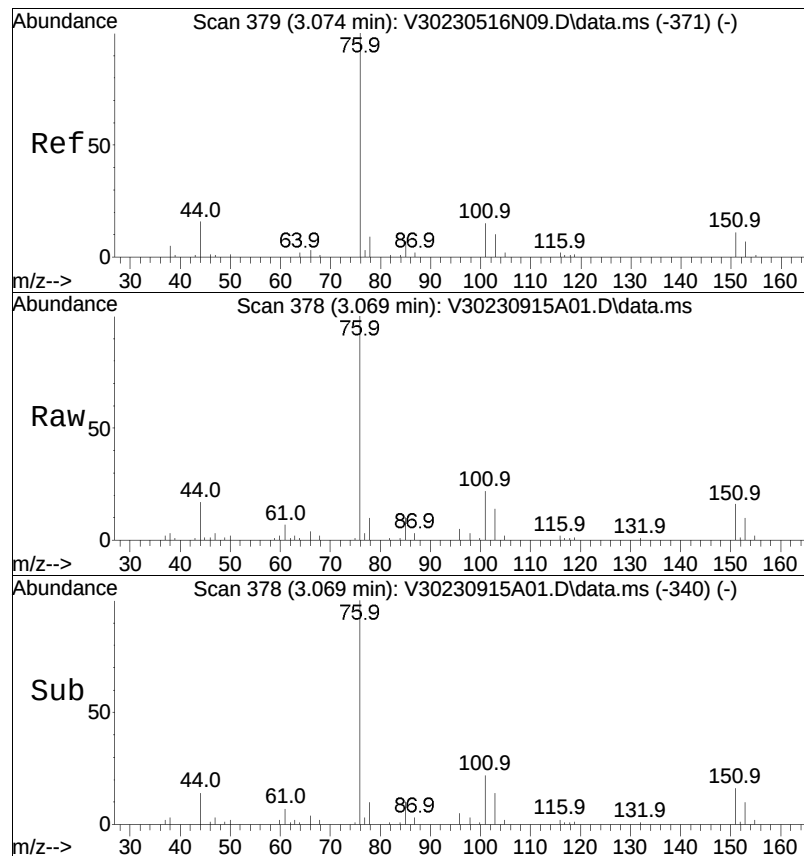




#10
 1,1-Dichloroethene
 Concen: 10.45 ug/L
 RT: 3.037 min Scan# 372
 Delta R.T. -0.006 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

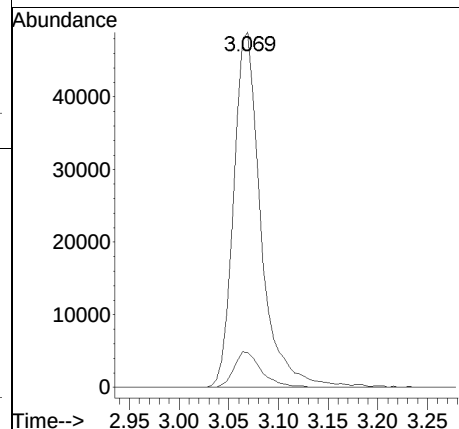
Tgt Ion:	96	Resp:	33950
Ion Ratio	Lower	Upper	
96	100		
61	152.8	165.5	248.3#
63	48.3	51.9	77.9#

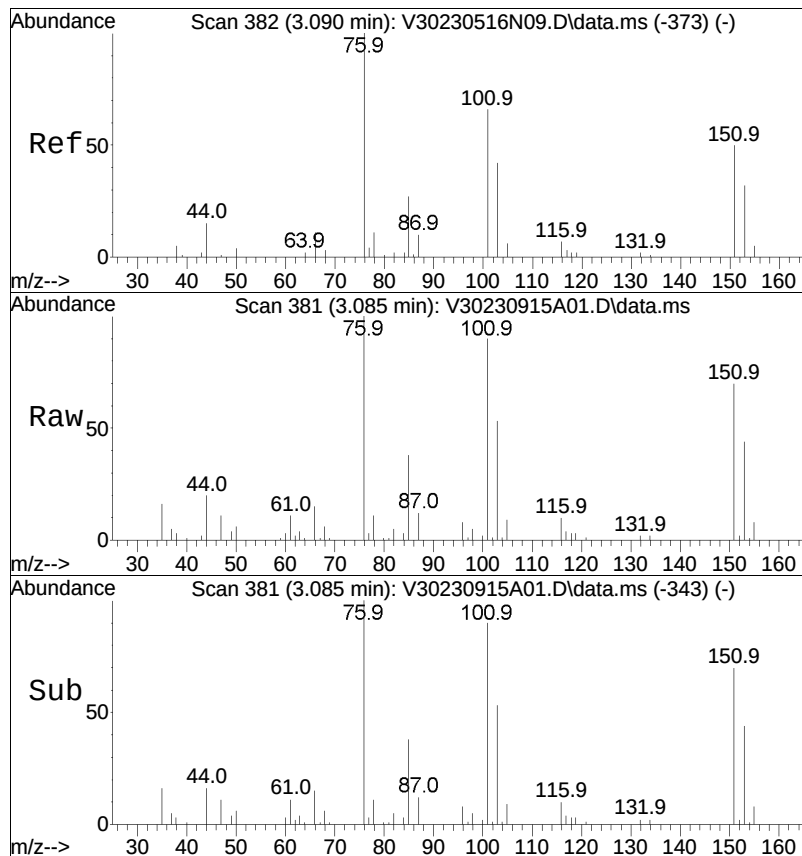




#11
Carbon disulfide
Concen: 10.42 ug/L
RT: 3.069 min Scan# 378
Delta R.T. -0.000 min
Lab File: V30230915A01.D
Acq: 15 Sep 2023 05:41 am

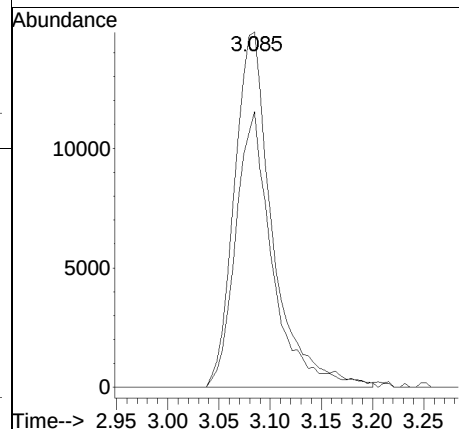
Tgt Ion	Ratio	Lower	Upper
76	100		
78	10.1	6.4	13.4

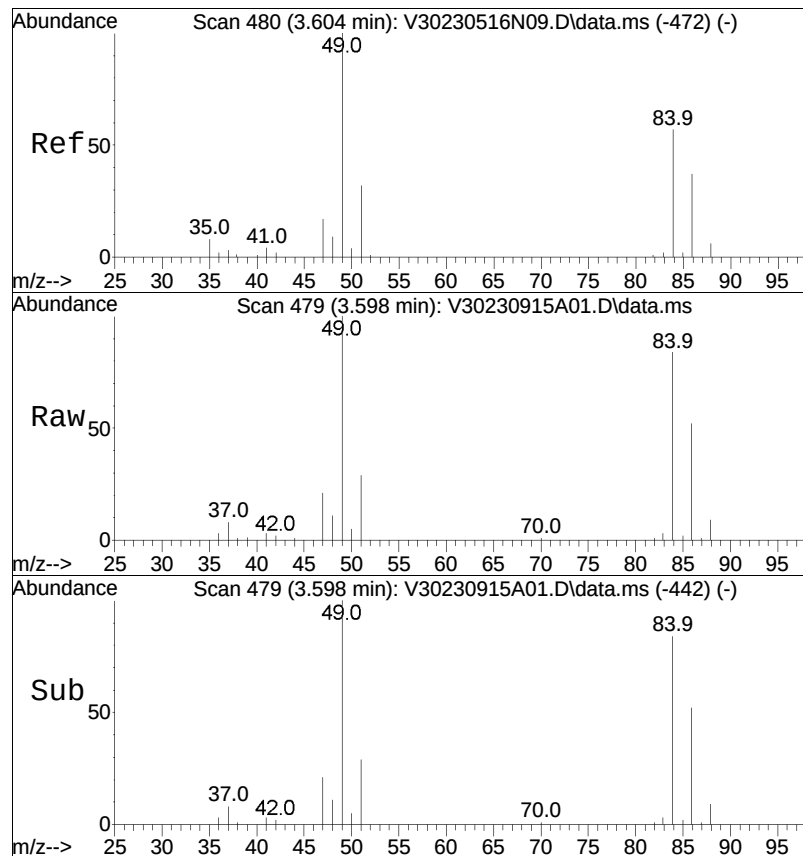




#12
 Freon-113
 Concen: 11.15 ug/L
 RT: 3.085 min Scan# 381
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

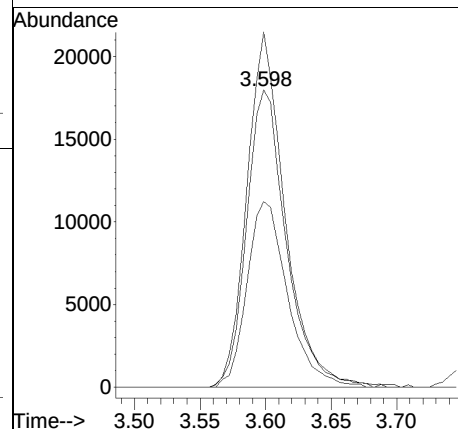
Tgt Ion:101 Resp: 38582
 Ion Ratio Lower Upper
 101 100
 151 75.2 51.9 77.9

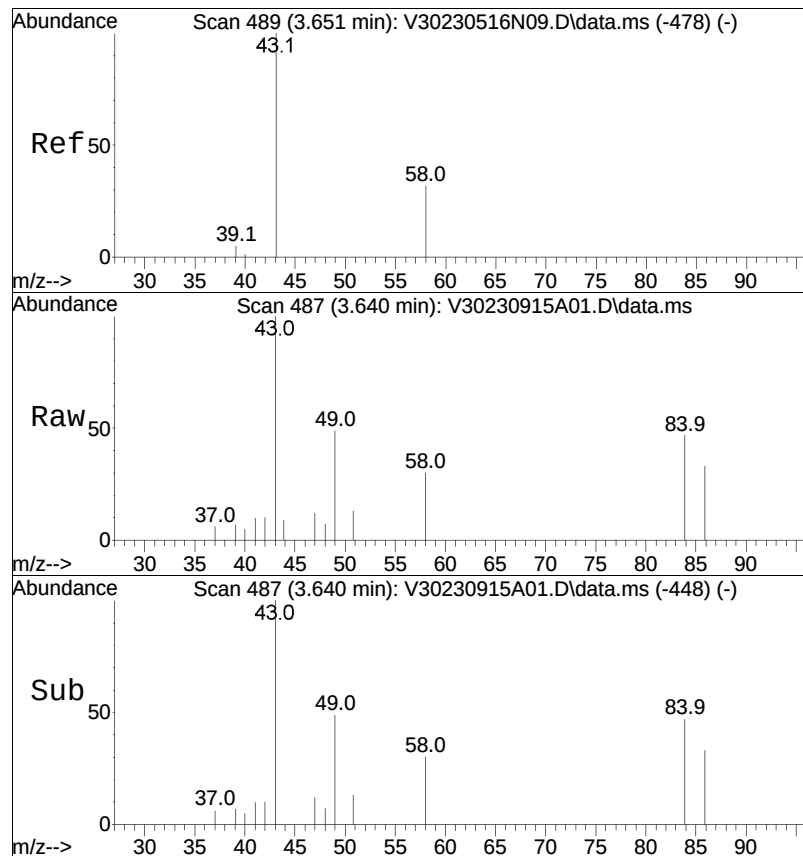




#15
 Methylene chloride
 Concen: 10.22 ug/L
 RT: 3.598 min Scan# 479
 Delta R.T. -0.006 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

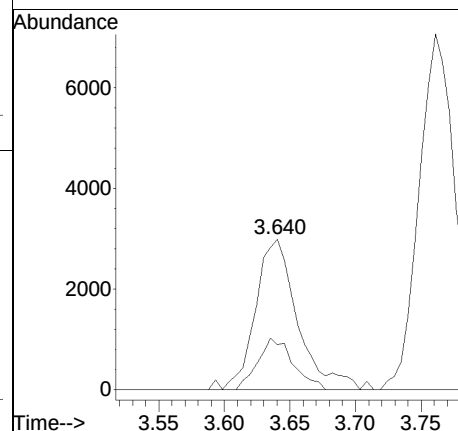
Tgt Ion:	84	Resp:	38021
Ion Ratio	Lower	Upper	
84	100		
86	64.2	41.7	86.5
49	114.7	103.9	215.9

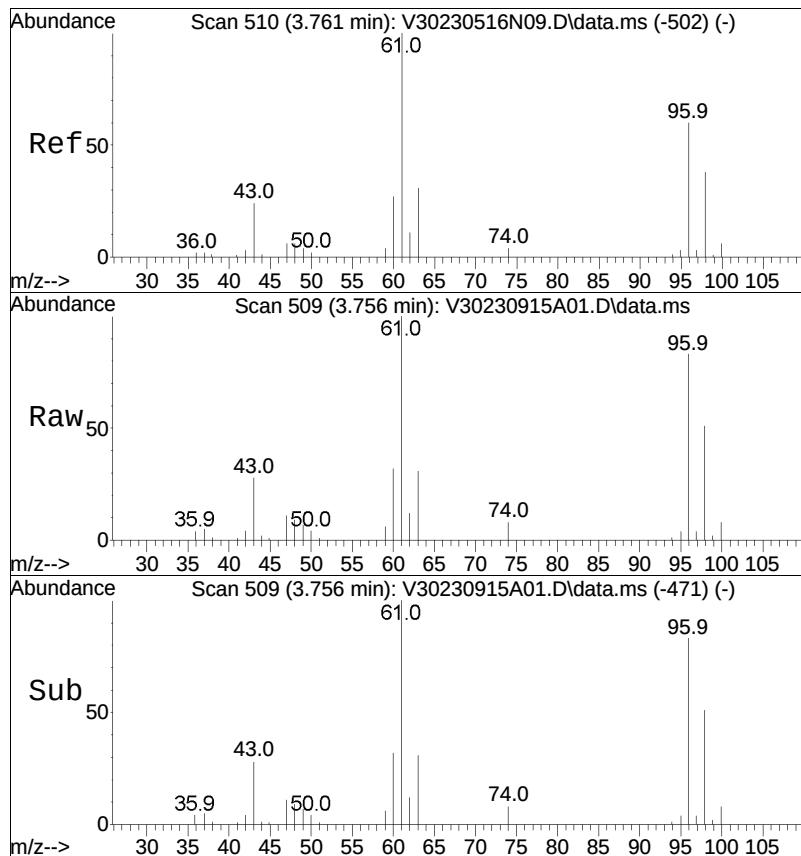




#17
 Acetone
 Concen: 11.26 ug/L
 RT: 3.640 min Scan# 487
 Delta R.T. 0.005 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

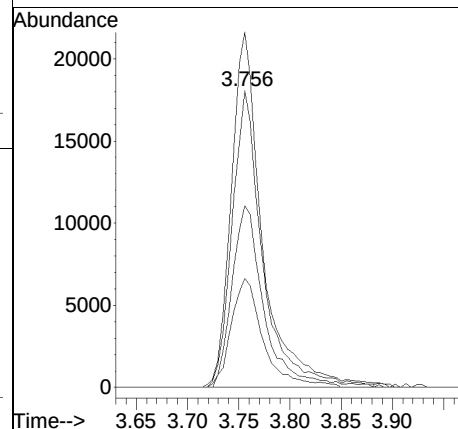
Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.4	20.1	30.1

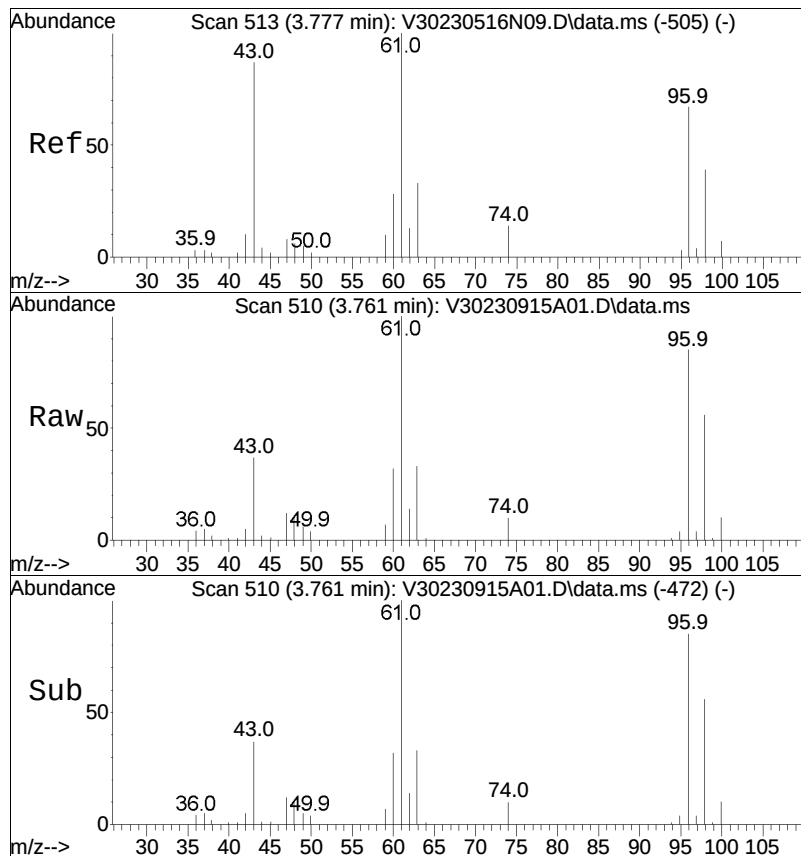




#18
 trans-1,2-Dichloroethene
 Concen: 10.46 ug/L
 RT: 3.756 min Scan# 509
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

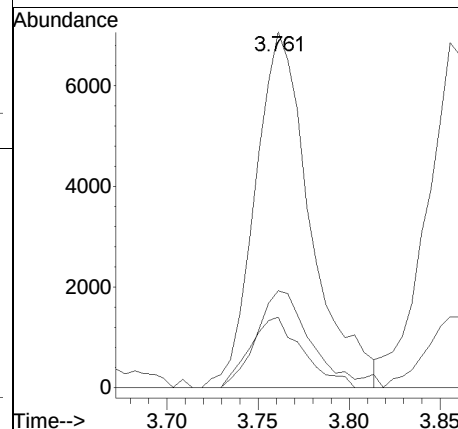
Tgt Ion:	96	Resp:	37889
Ion Ratio	Lower	Upper	
96	100		
61	122.5	113.6	236.0
98	63.5	40.8	84.8
63	38.2	36.5	75.7

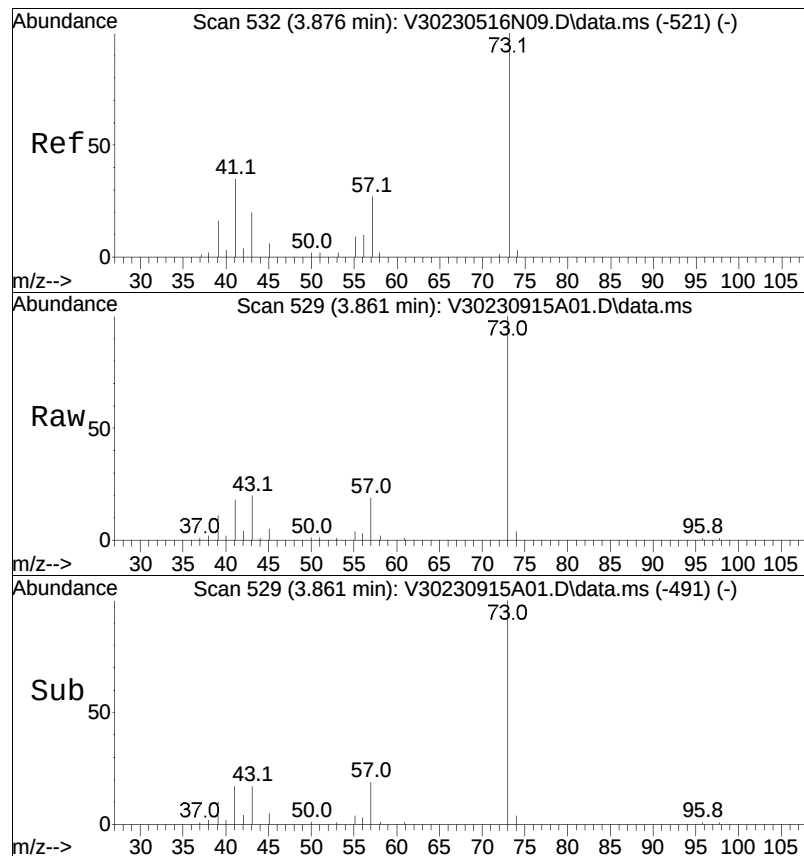




#19
Methyl acetate
Concen: 10.63 ug/L
RT: 3.761 min Scan# 510
Delta R.T. -0.000 min
Lab File: V30230915A01.D
Acq: 15 Sep 2023 05:41 am

Tgt Ion:	43	Resp:	14968
Ion Ratio	Lower	Upper	
43	100		
74	26.8	14.6	22.0#
59	18.9	9.3	13.9#





#21

Methyl tert-butyl ether

Concen: 10.85 ug/L

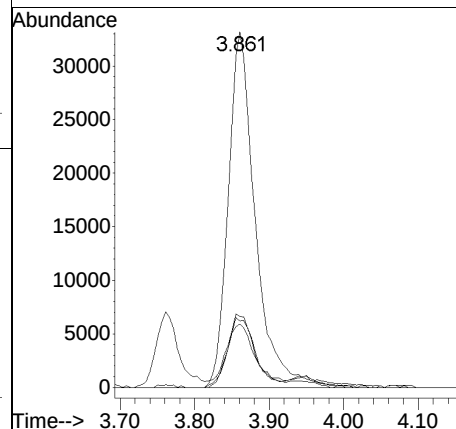
RT: 3.861 min Scan# 529

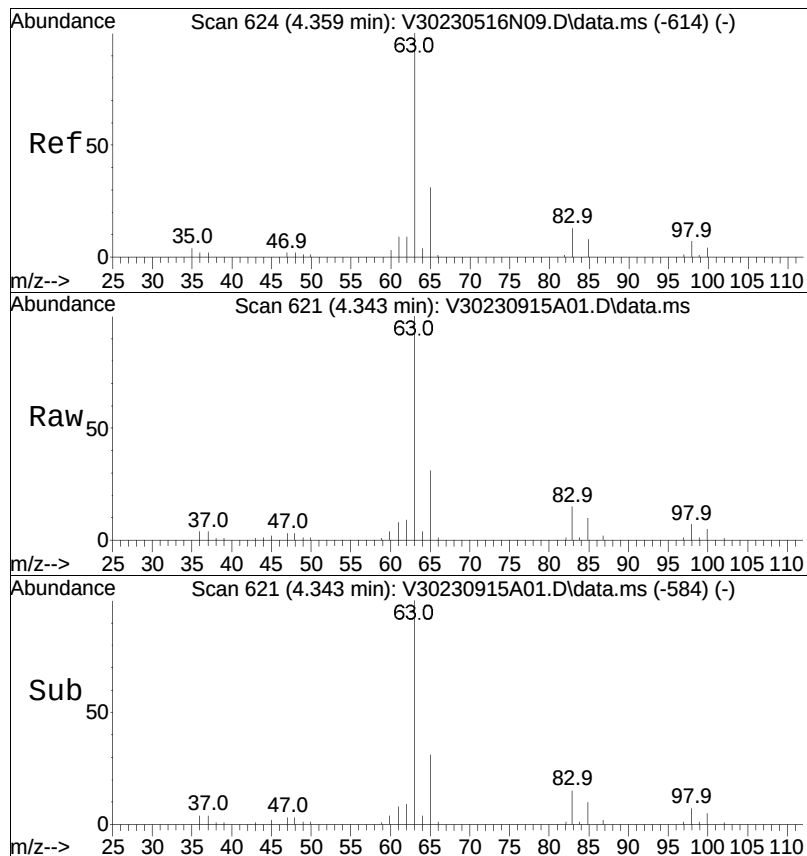
Delta R.T. -0.000 min

Lab File: V30230915A01.D

Acq: 15 Sep 2023 05:41 am

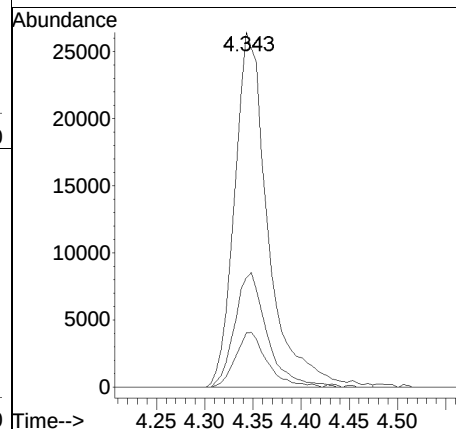
Tgt	Ion: 73	Resp:	84986
Ion	Ratio	Lower	Upper
73	100		
57	19.8	15.5	32.1
43	21.8	16.6	34.6
41	18.3	17.2	35.6

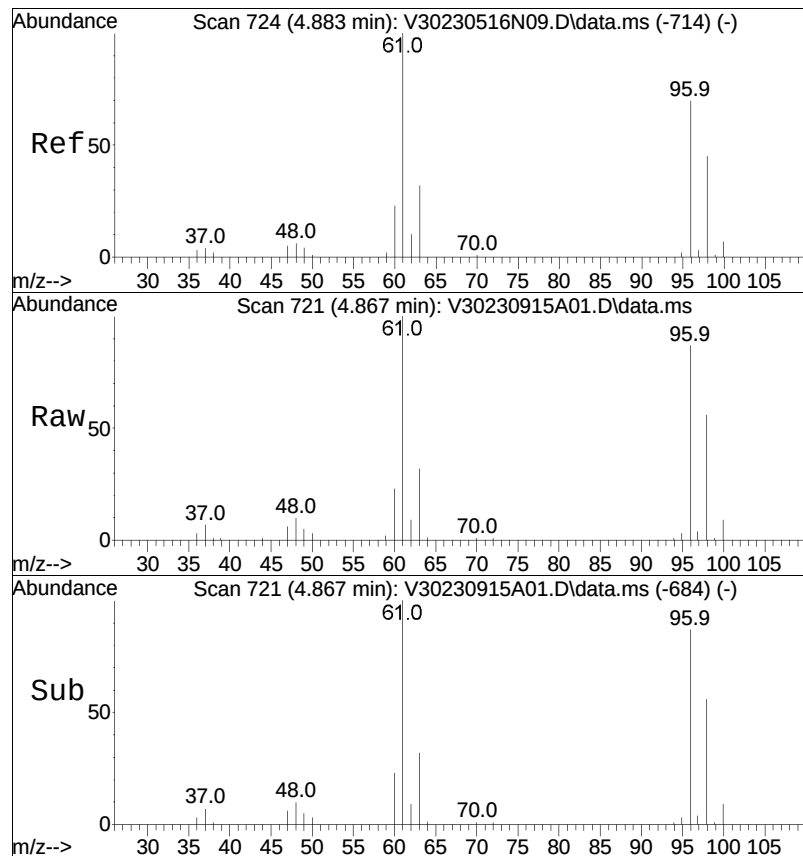




#25
 1,1-Dichloroethane
 Concen: 10.20 ug/L
 RT: 4.343 min Scan# 621
 Delta R.T. -0.005 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

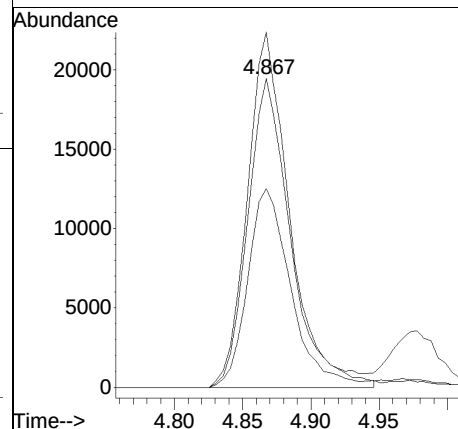
Tgt Ion:	63	Resp:	64100
Ion Ratio	Lower	Upper	
63	100		
65	31.4	24.5	36.7
83	14.7	8.9	13.3#

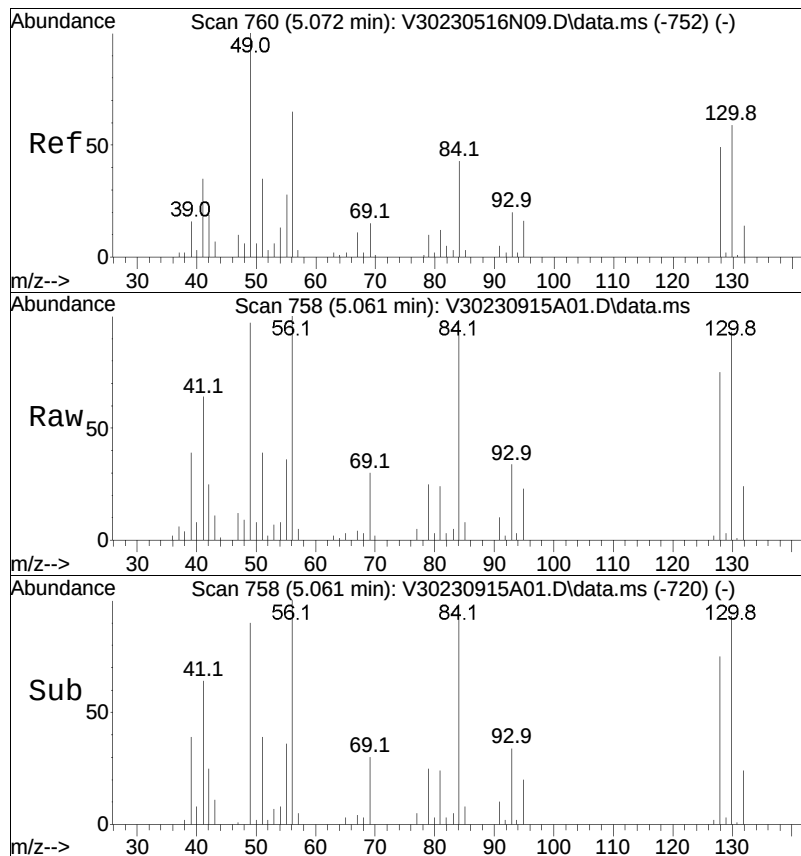




#30
 cis-1,2-Dichloroethene
 Concen: 10.24 ug/L
 RT: 4.867 min Scan# 721
 Delta R.T. -0.005 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

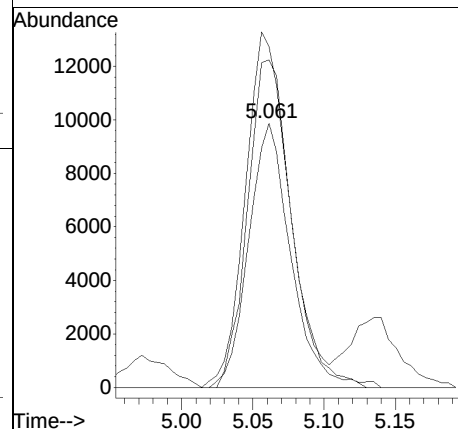
Tgt Ion	Ratio	Lower	Upper
96	100		
61	113.4	129.3	193.9#
98	65.7	51.4	77.2

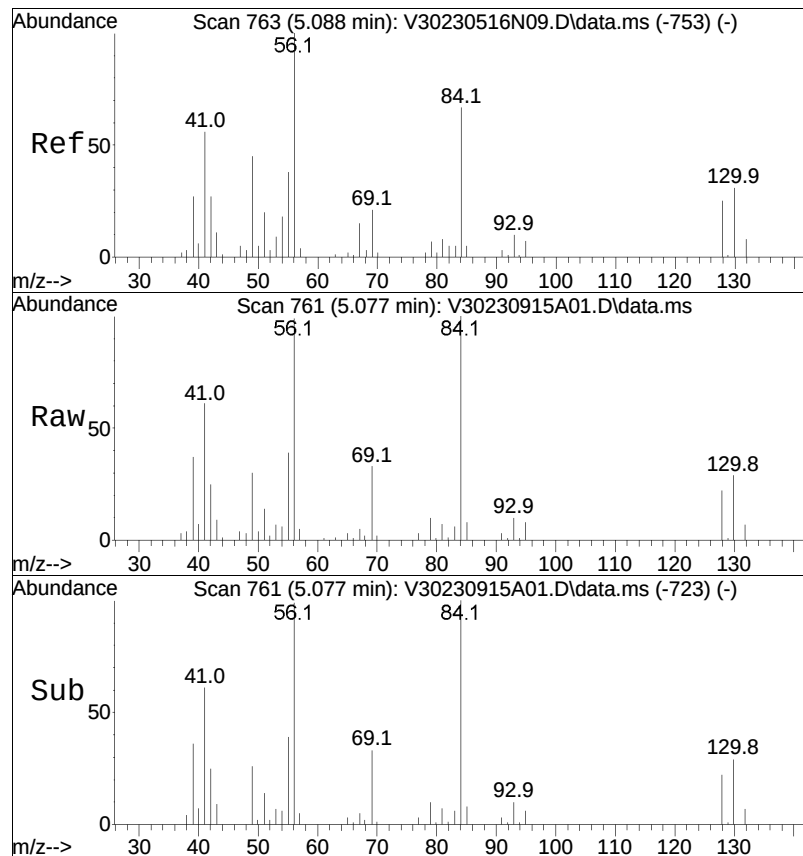




#33
 Bromochloromethane
 Concen: 10.22 ug/L
 RT: 5.061 min Scan# 758
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

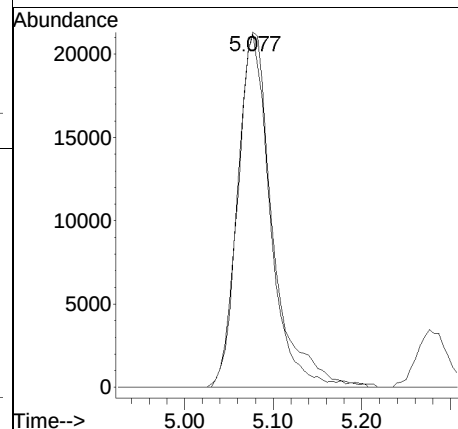
Tgt Ion:	128	Resp:	20270
Ion Ratio	Lower	Upper	
128	100		
49	139.7	214.8	322.2#
130	131.4	105.4	158.2

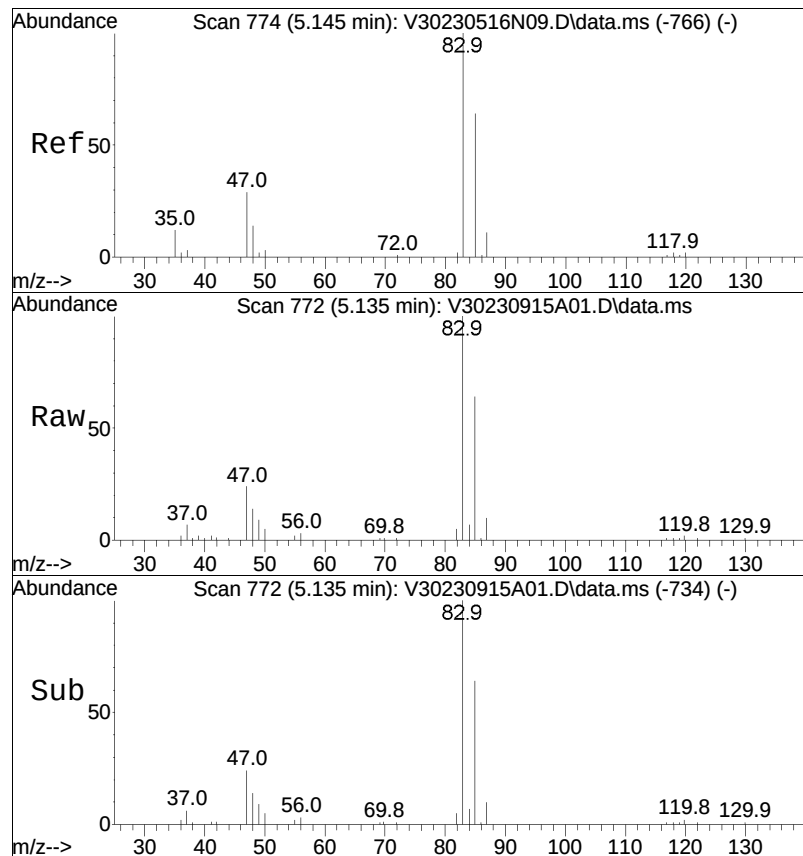




#34
Cyclohexane
Concen: 10.40 ug/L
RT: 5.077 min Scan# 761
Delta R.T. -0.000 min
Lab File: V30230915A01.D
Acq: 15 Sep 2023 05:41 am

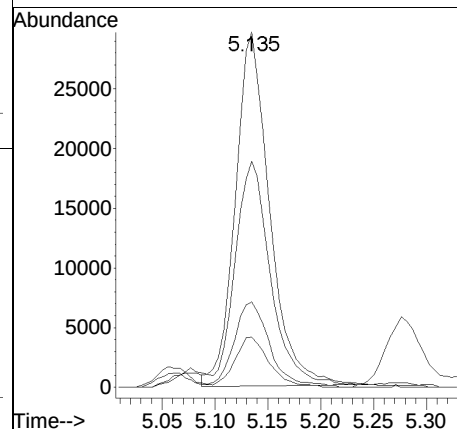
Tgt	Ion	Resp	Lower	Upper
56	100			
84	106.6	49.9	103.5#	

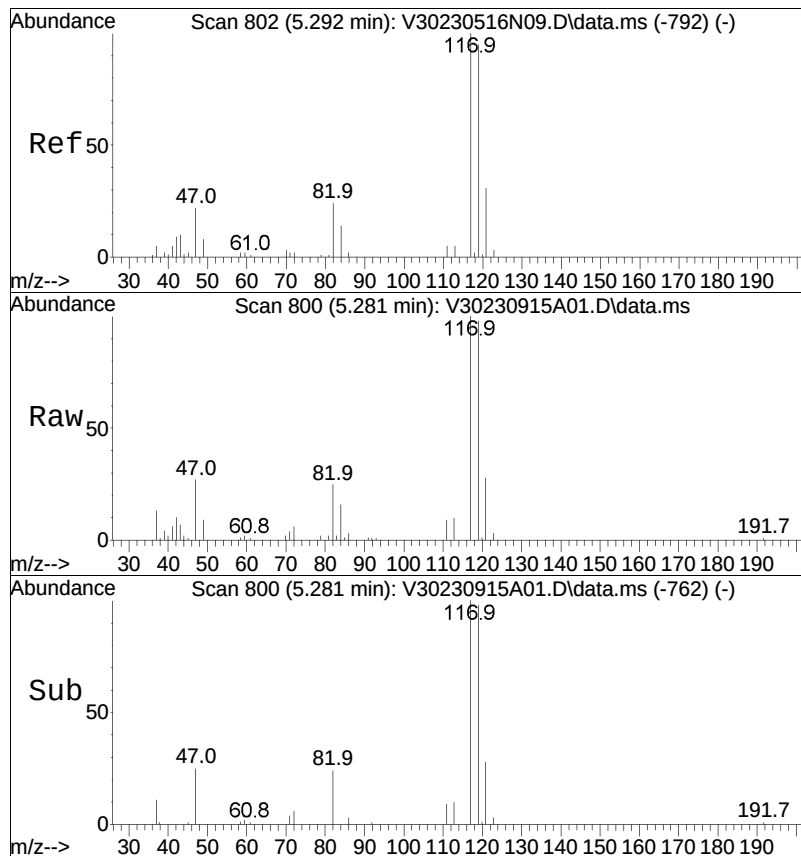




#35
 Chloroform
 Concen: 10.03 ug/L
 RT: 5.135 min Scan# 772
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

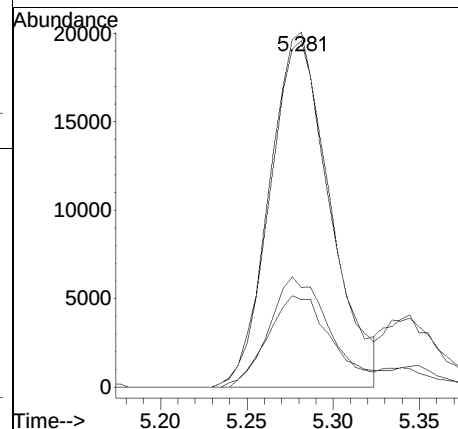
Tgt	Ion: 83	Resp:	67114
Ion	Ratio	Lower	Upper
83	100		
85	65.6	41.4	86.0
47	25.2	20.5	42.5
48	14.3	9.9	20.5

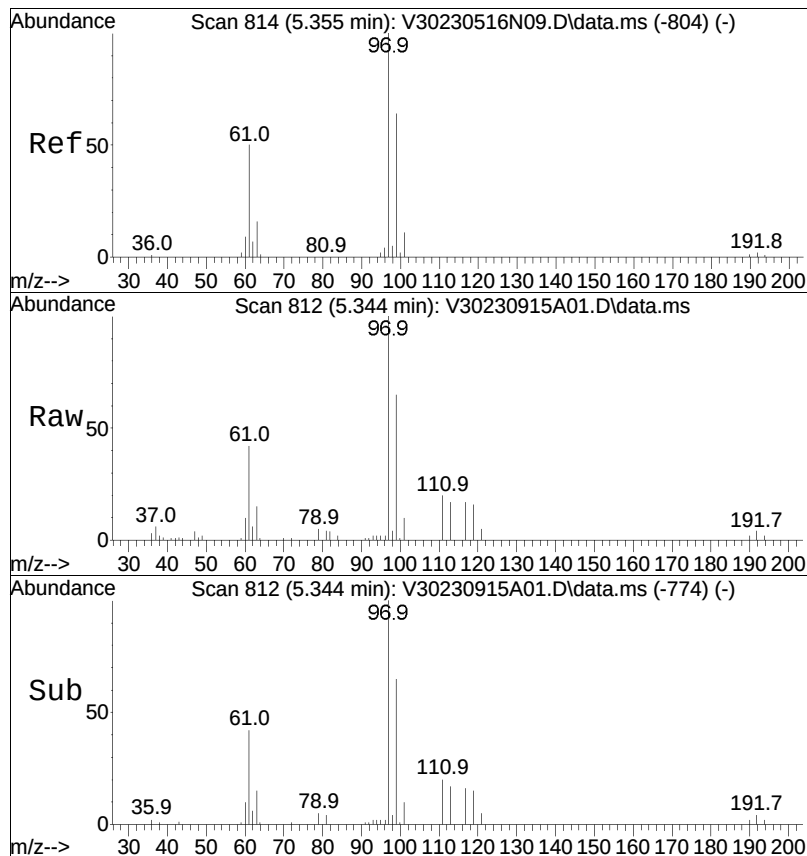




#37
 Carbon tetrachloride
 Concen: 9.73 ug/L
 RT: 5.281 min Scan# 800
 Delta R.T. -0.001 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

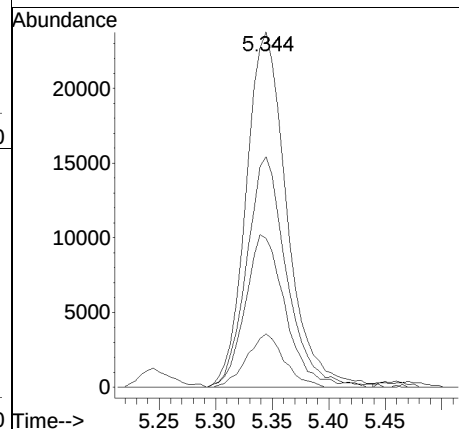
Tgt Ion:	117	Resp:	48915
Ion Ratio	Lower	Upper	
117	100		
119	97.2	62.0	128.8
121	31.0	19.6	40.6
82	27.6	18.8	39.0

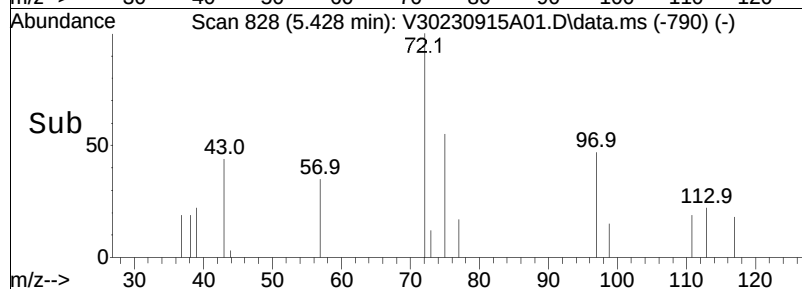
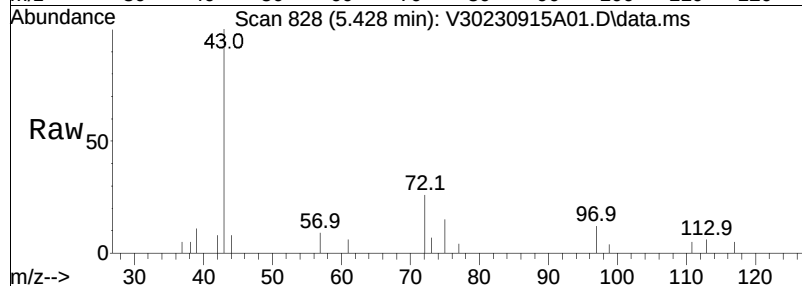
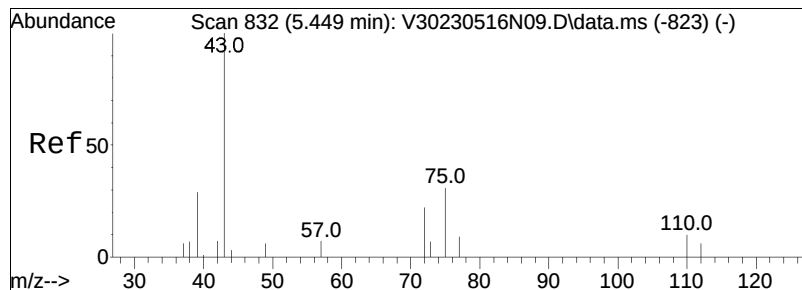




#40
 1,1,1-Trichloroethane
 Concen: 10.20 ug/L
 RT: 5.344 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

Tgt Ion:	97	Resp:	59837
Ion Ratio	Lower	Upper	
97	100		
99	63.6	40.6	84.4
61	42.9	35.0	72.8
63	14.0	11.1	23.0





#42

2-Butanone

Concen: 10.77 ug/L

RT: 5.428 min Scan# 828

Delta R.T. -0.000 min

Lab File: V30230915A01.D

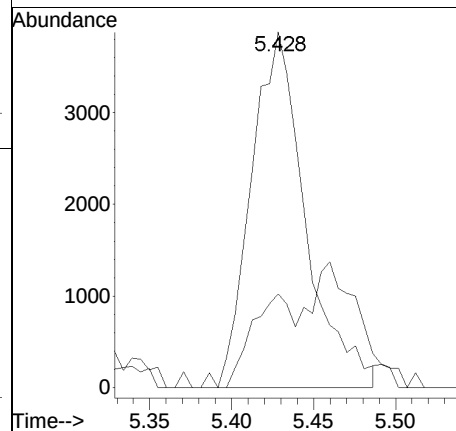
Acq: 15 Sep 2023 05:41 am

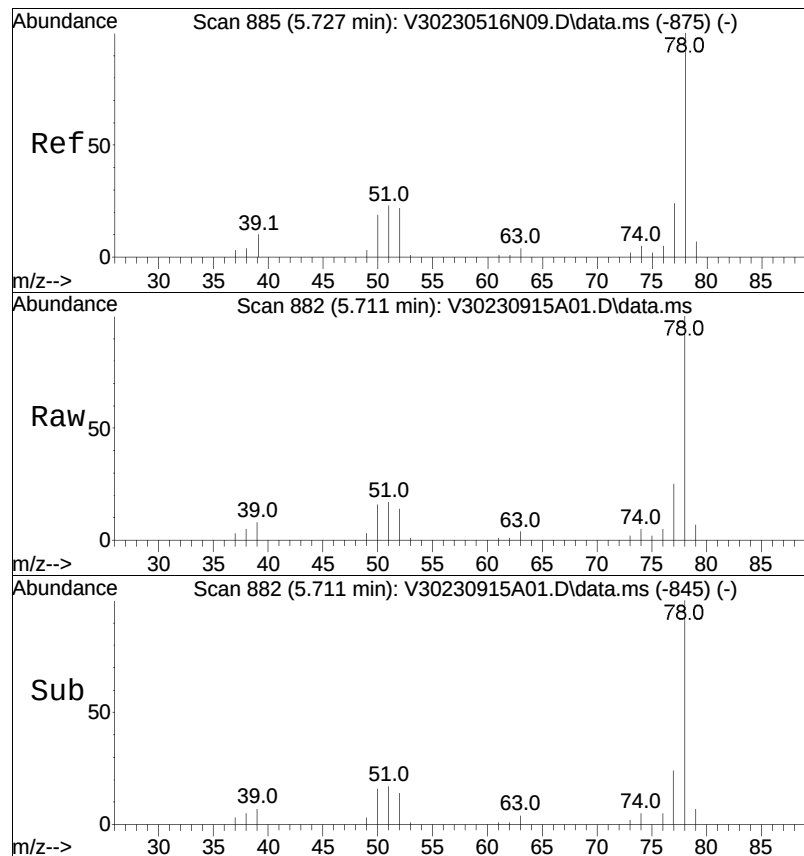
Tgt Ion: 43 Resp: 8958

Ion Ratio Lower Upper

43 100

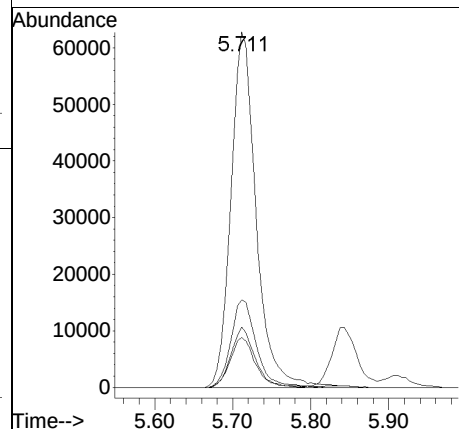
72 19.9 18.2 27.4

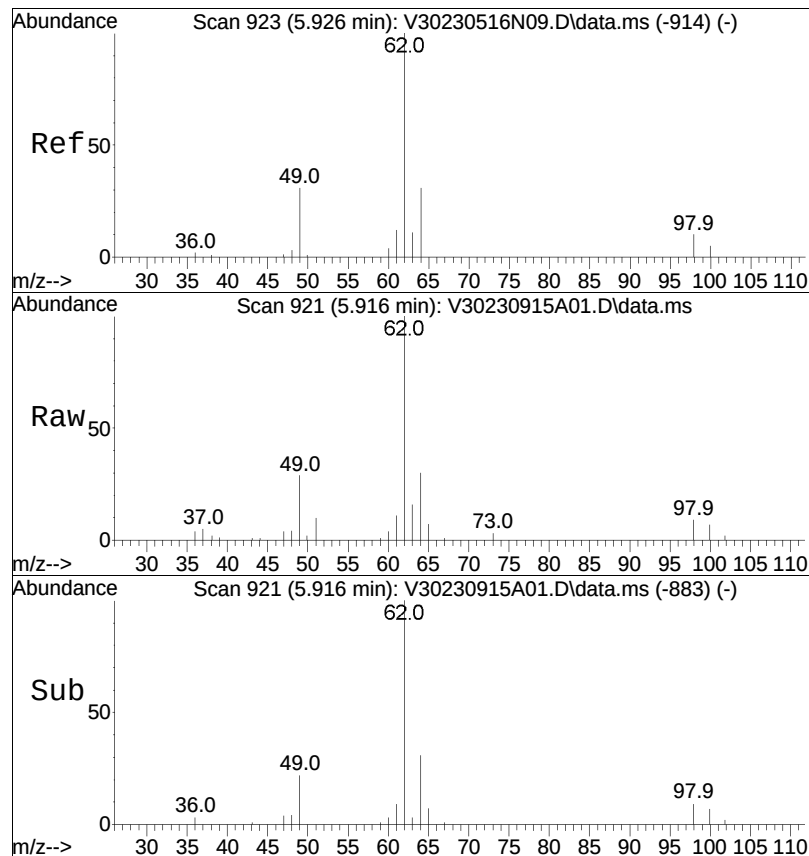




#45
Benzene
Concen: 10.54 ug/L
RT: 5.711 min Scan# 882
Delta R.T. -0.005 min
Lab File: V30230915A01.D
Acq: 15 Sep 2023 05:41 am

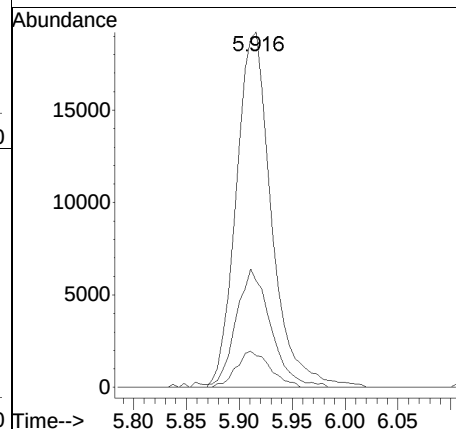
Tgt Ion:	78	Resp:	140969
Ion Ratio	Lower	Upper	
78	100		
77	24.9	15.6	32.4
51	16.0	12.9	26.7
52	13.9	12.4	25.7

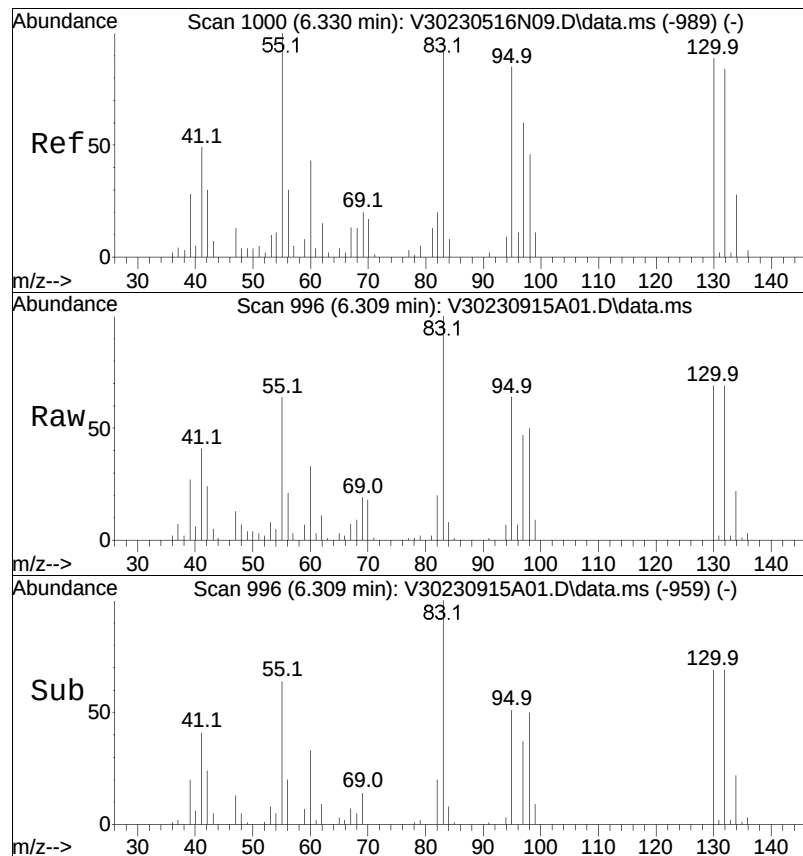




#48
 1,2-Dichloroethane
 Concen: 9.96 ug/L
 RT: 5.916 min Scan# 921
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

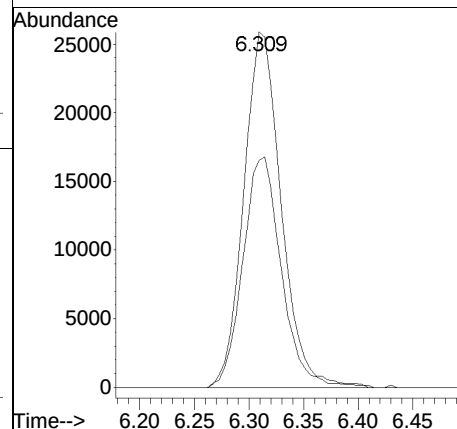
Tgt Ion:	62	Resp:	44722
Ion Ratio	Lower	Upper	
62	100		
64	32.9	25.5	38.3
98	9.8	5.5	8.3#

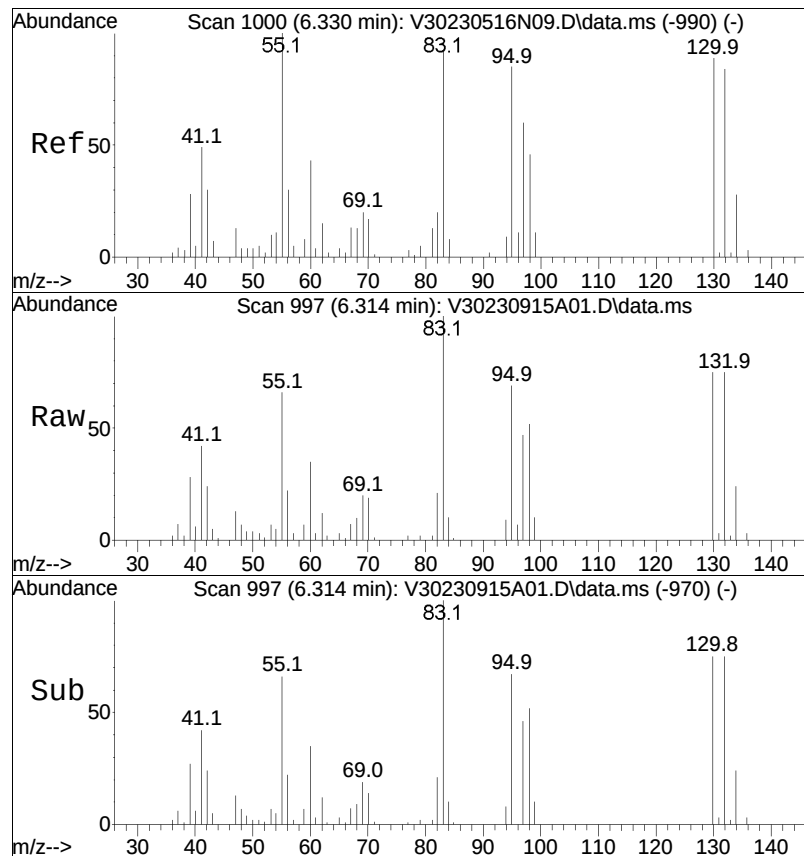




#51
Methyl cyclohexane
Concen: 10.52 ug/L
RT: 6.309 min Scan# 996
Delta R.T. -0.005 min
Lab File: V30230915A01.D
Acq: 15 Sep 2023 05:41 am

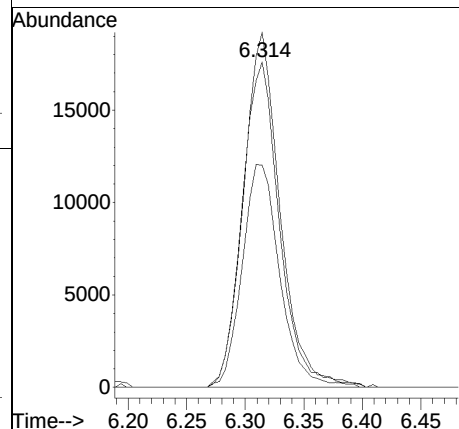
Tgt Ion: 83 Resp: 61736
Ion Ratio Lower Upper
83 100
55 66.6 74.6 112.0#

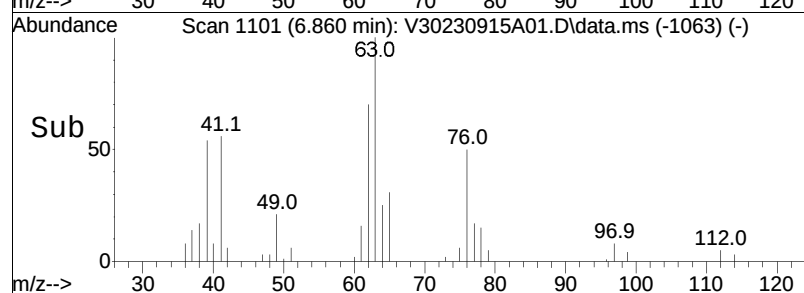
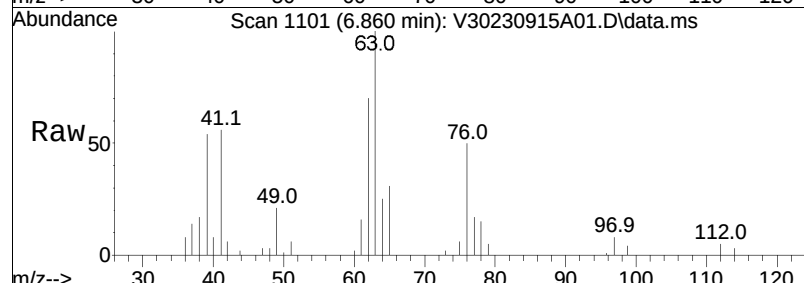
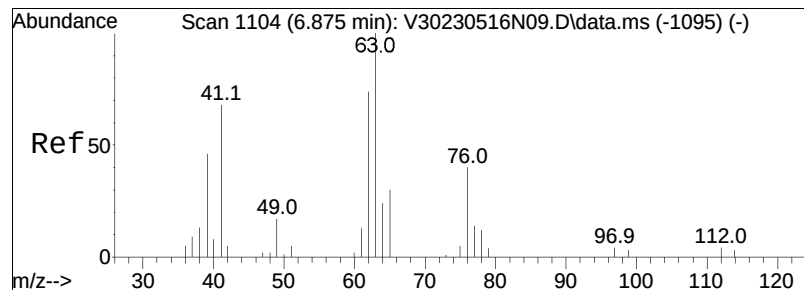




#52
 Trichloroethene
 Concen: 9.83 ug/L
 RT: 6.314 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

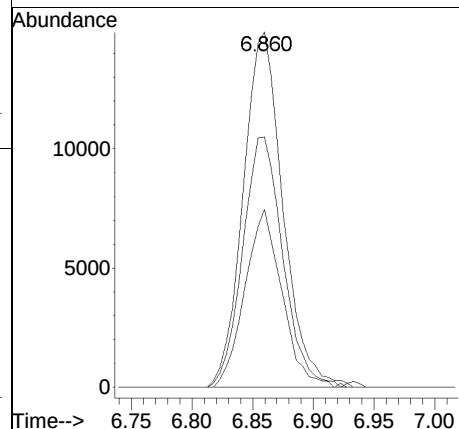
Tgt Ion	Ratio	Lower	Upper
95	100		
97	69.1	53.8	80.6
130	106.9	71.4	107.0

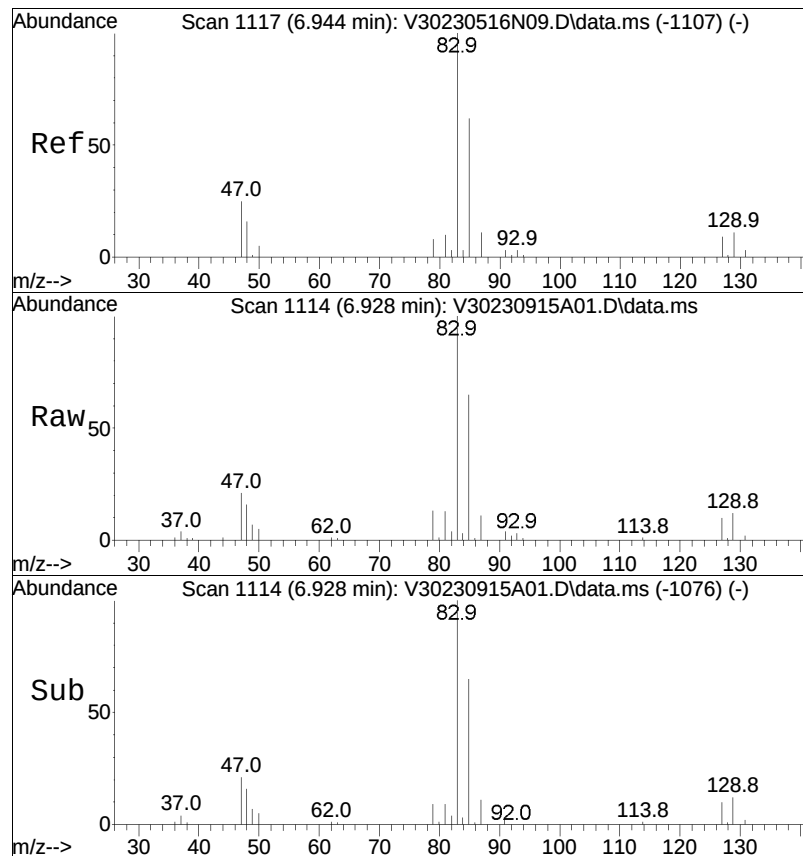




#55
 1,2-Dichloropropane
 Concen: 10.49 ug/L
 RT: 6.860 min Scan# 1101
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

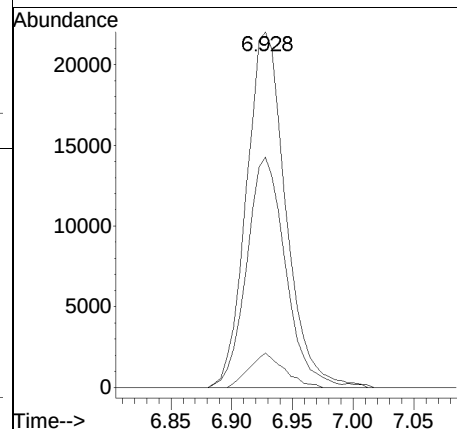
Tgt Ion	Ratio	Lower	Upper
63	100		
62	71.0	58.1	87.1
76	46.7	30.4	45.6

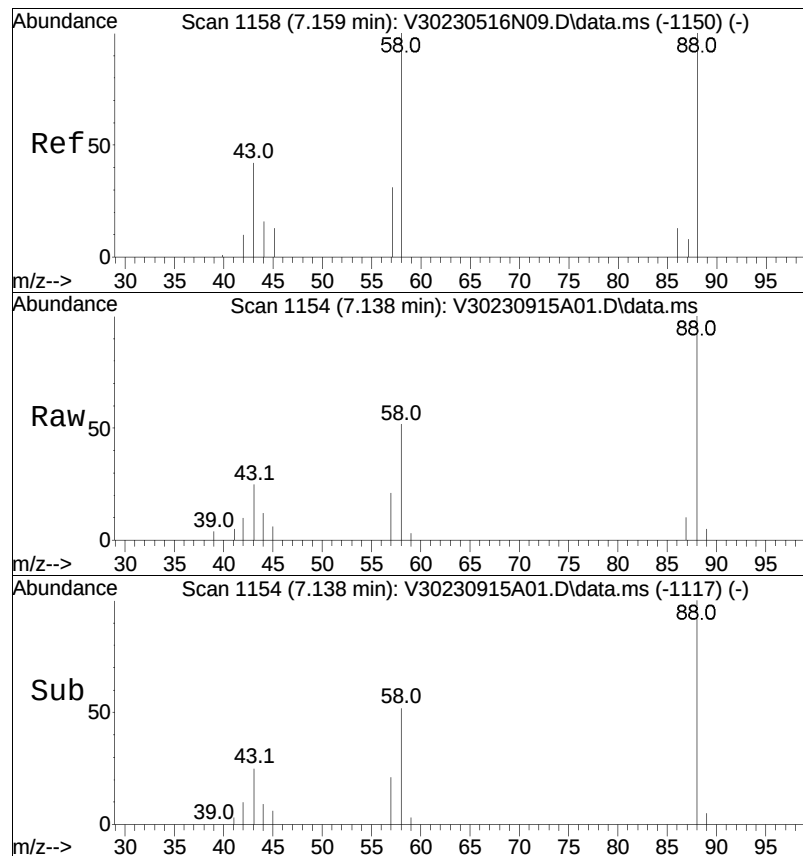




#58
 Bromodichloromethane
 Concen: 10.06 ug/L
 RT: 6.928 min Scan# 1114
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

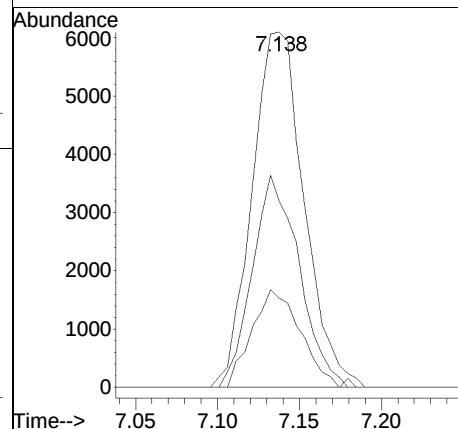
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.2	75.2
127	8.6	5.2	7.8#

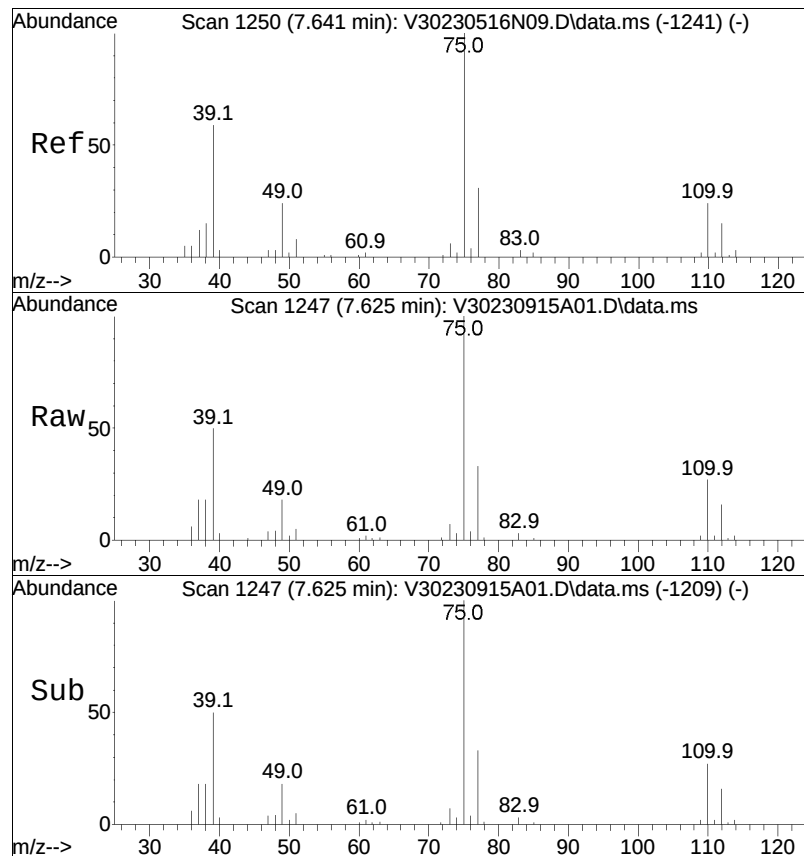




#61
 1,4-Dioxane
 Concen: 565.78 ug/L
 RT: 7.138 min Scan# 1154
 Delta R.T. -0.005 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

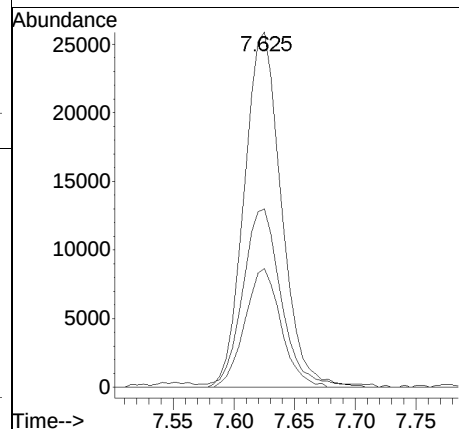
Tgt	Ion: 88	Resp:	13455
Ion	Ratio	Lower	Upper
88	100		
58	53.7	59.9	89.9#
43	26.0	30.8	46.2#

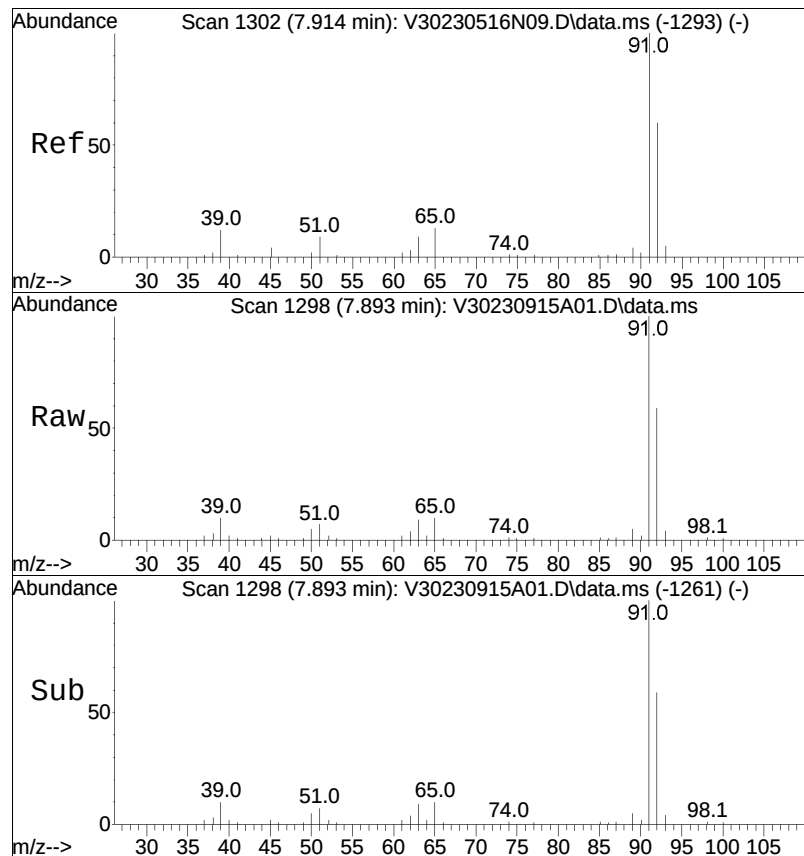




#62
 cis-1,3-Dichloropropene
 Concen: 10.37 ug/L
 RT: 7.625 min Scan# 1247
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

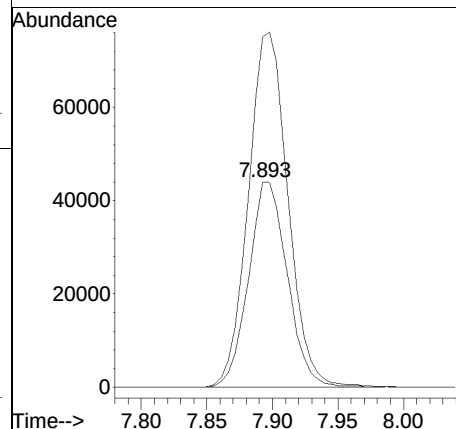
Tgt Ion:	75	Resp:	55091
Ion Ratio	Lower	Upper	
75	100		
77	32.7	25.4	38.2
39	52.8	54.6	82.0#

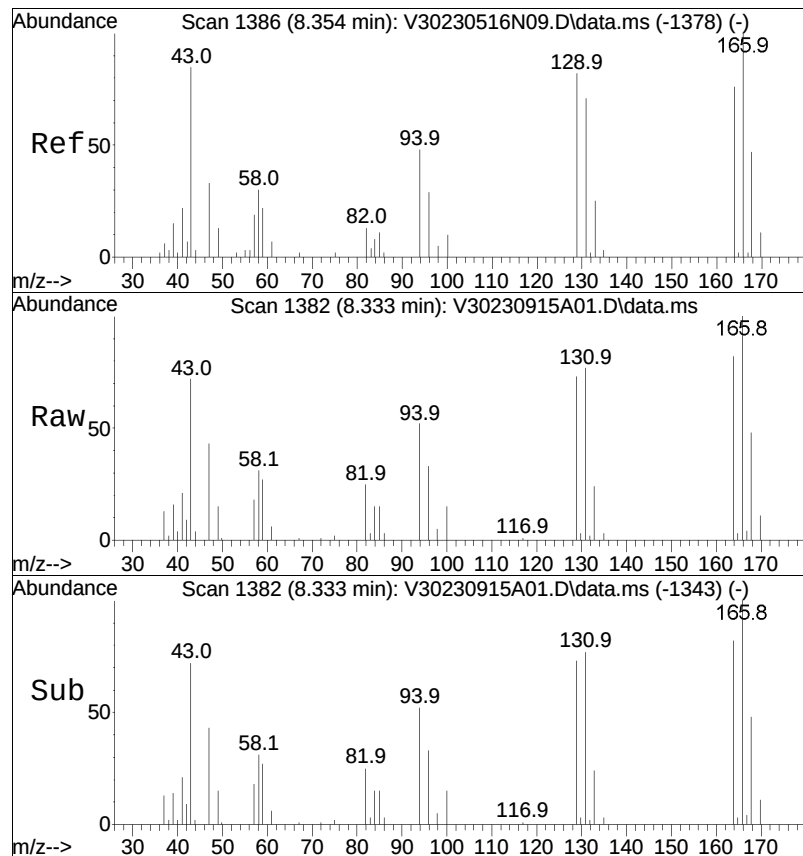




#65
Toluene
Concen: 10.39 ug/L
RT: 7.893 min Scan# 1298
Delta R.T. -0.005 min
Lab File: V30230915A01.D
Acq: 15 Sep 2023 05:41 am

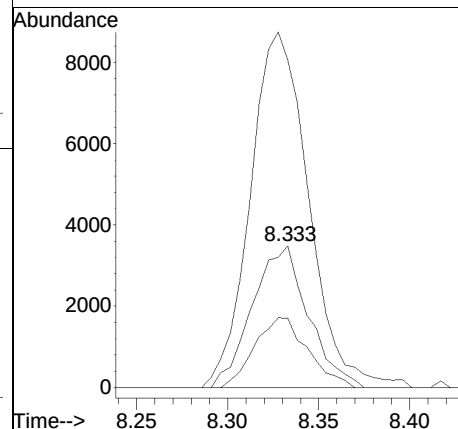
Tgt	Ion	Resp	Lower	Upper
92	100			
91	176.3	137.5	206.3	

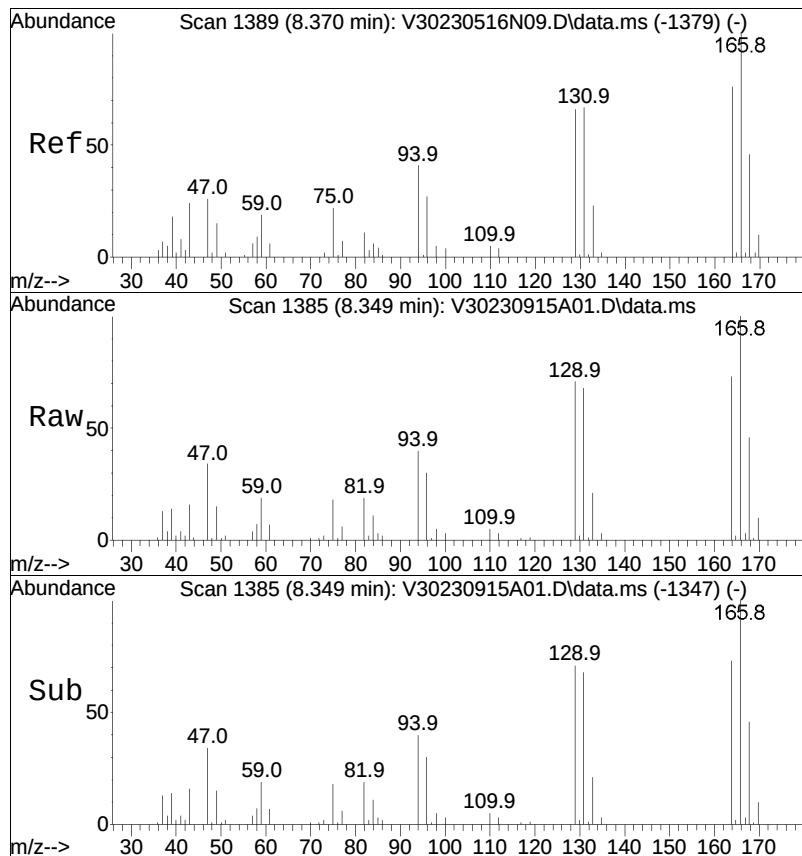




#66
 4-Methyl-2-pentanone
 Concen: 10.41 ug/L
 RT: 8.333 min Scan# 1382
 Delta R.T. 0.005 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

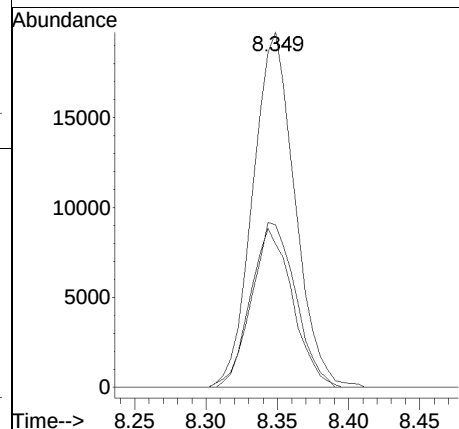
Tgt	Ion: 58	Resp:	7431
Ion	Ratio	Lower	Upper
58	100		
100	47.0	22.6	34.0#
43	262.3	234.6	351.8

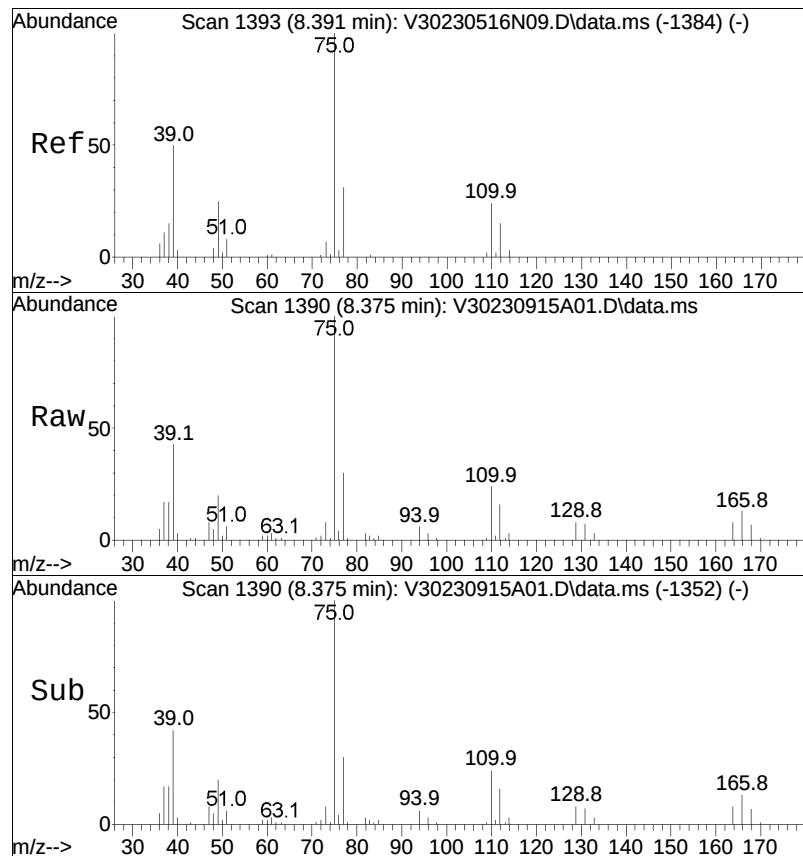




#67
Tetrachloroethene
Concen: 10.86 ug/L
RT: 8.349 min Scan# 1385
Delta R.T. -0.000 min
Lab File: V30230915A01.D
Acq: 15 Sep 2023 05:41 am

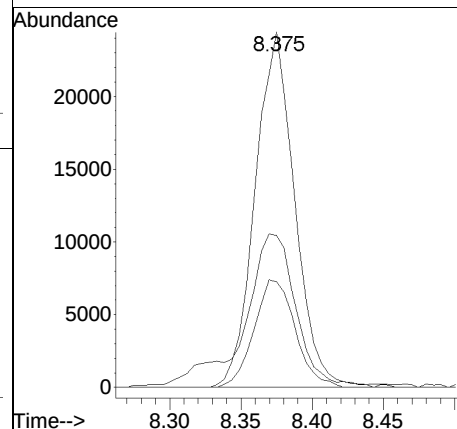
Tgt	Ion:166	Resp:	40496
Ion	Ratio	Lower	Upper
166	100		
168	48.1	38.6	58.0
94	45.5	42.6	63.8

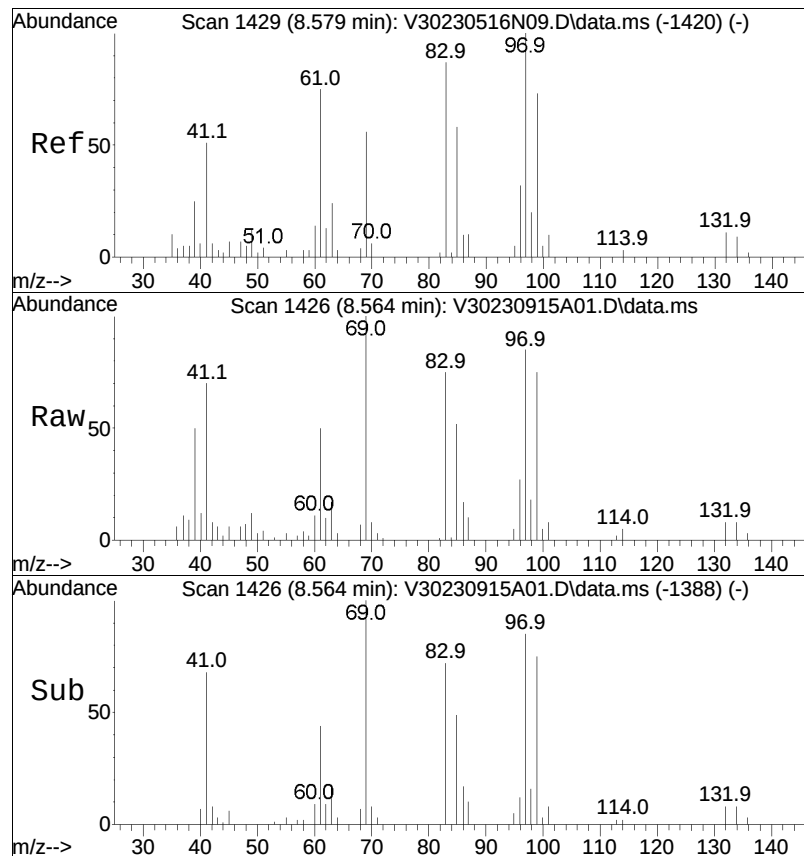




#69
 trans-1,3-Dichloropropene
 Concen: 11.09 ug/L
 RT: 8.375 min Scan# 1390
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

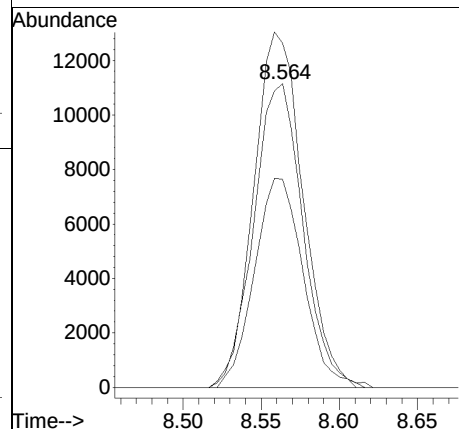
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.6	38.4
39	57.4	60.2	90.4#

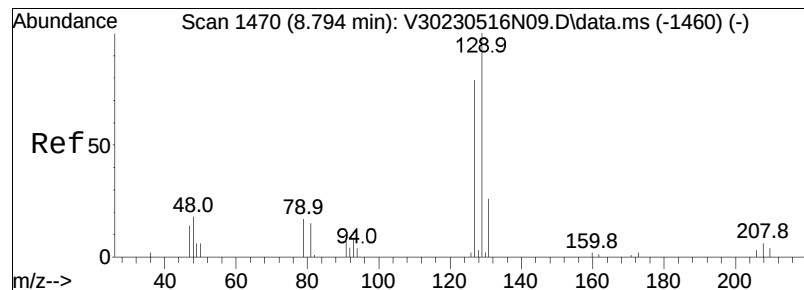




#72
 1,1,2-Trichloroethane
 Concen: 11.00 ug/L
 RT: 8.564 min Scan# 1426
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

Tgt Ion:	83	Resp:	24337
Ion Ratio	Lower	Upper	
83	100		
97	118.2	87.7	131.5
85	68.2	53.1	79.7





#73

Chlorodibromomethane

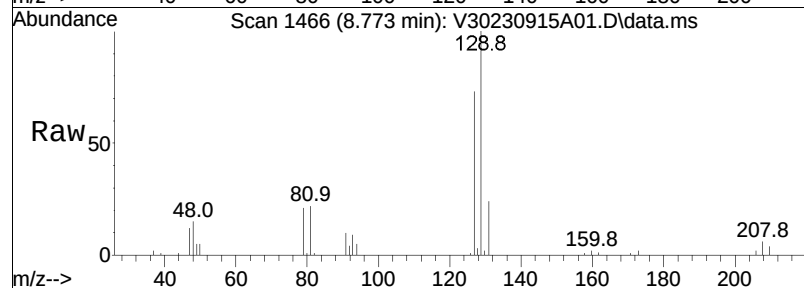
Concen: 10.29 ug/L

RT: 8.773 min Scan# 1466

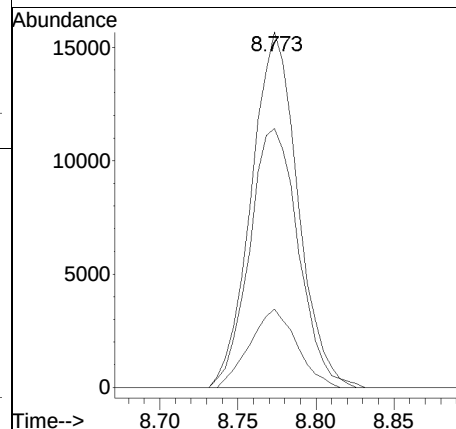
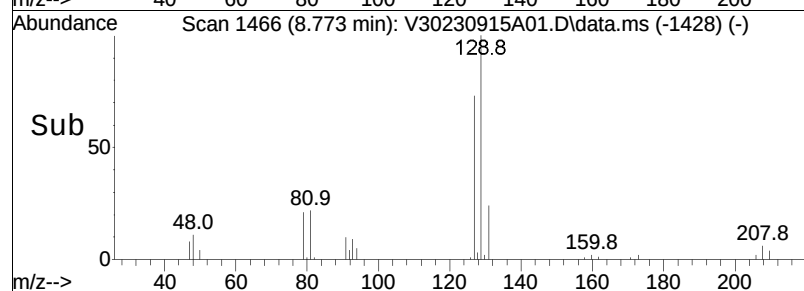
Delta R.T. -0.000 min

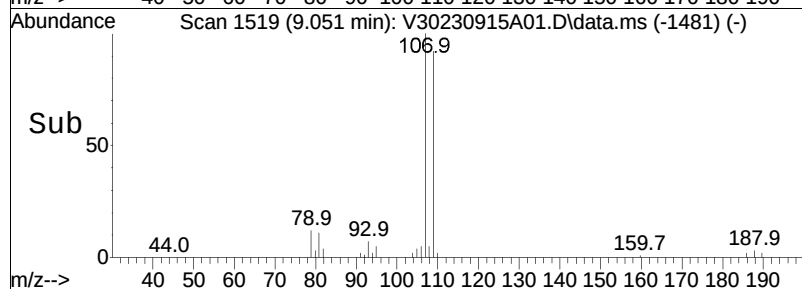
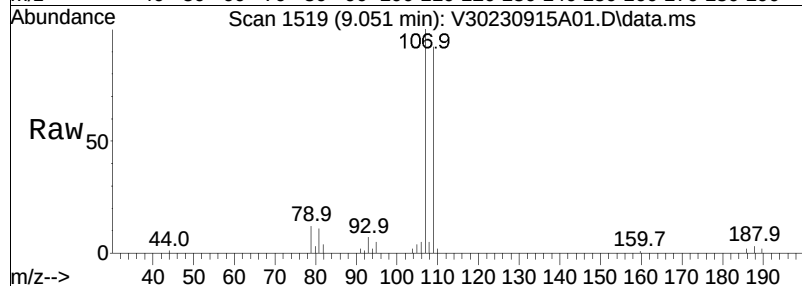
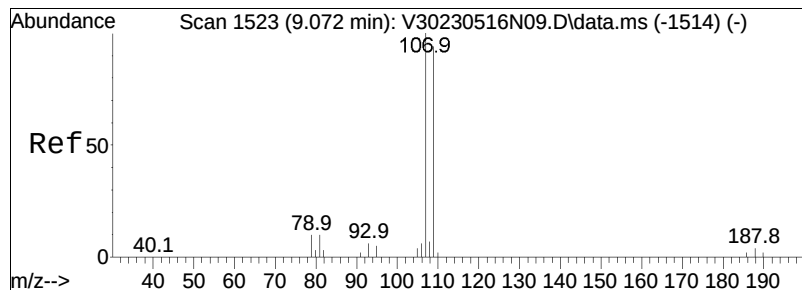
Lab File: V30230915A01.D

Acq: 15 Sep 2023 05:41 am



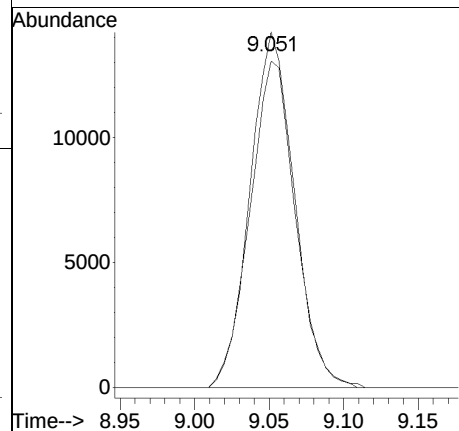
Tgt	Ion:129	Resp:	32571
Ion	Ratio	Lower	Upper
129	100		
81	22.2	14.6	22.0#
127	76.3	62.6	93.8

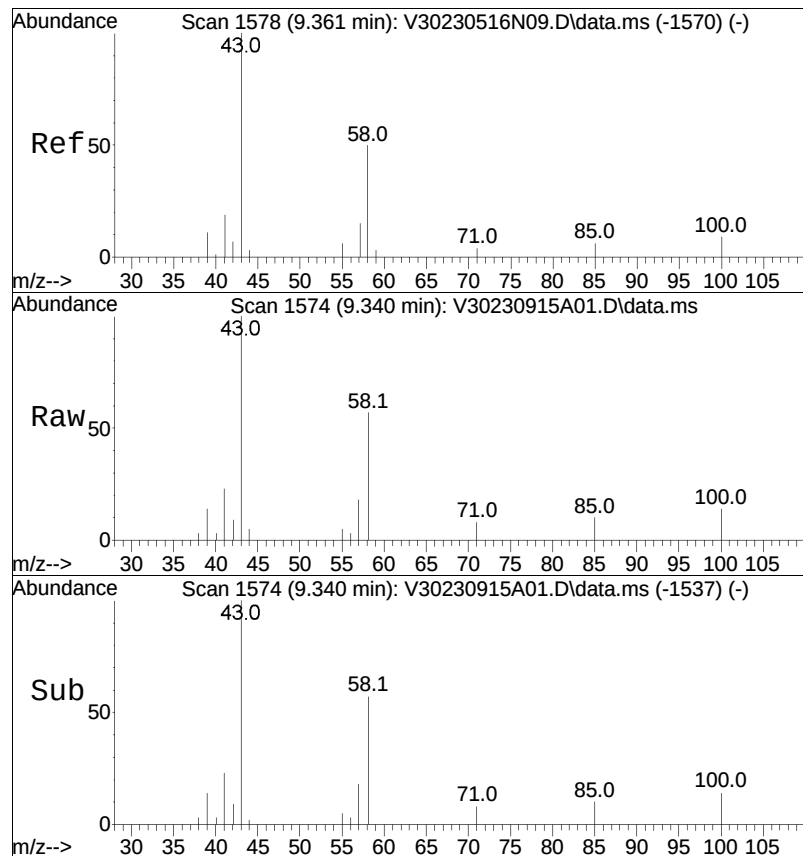




#75
 1,2-Dibromoethane
 Concen: 11.03 ug/L
 RT: 9.051 min Scan# 1519
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

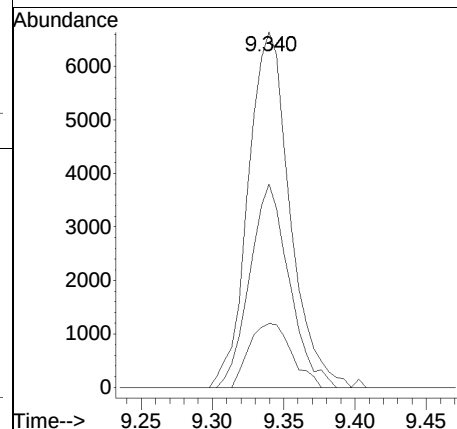
Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.0	112.4

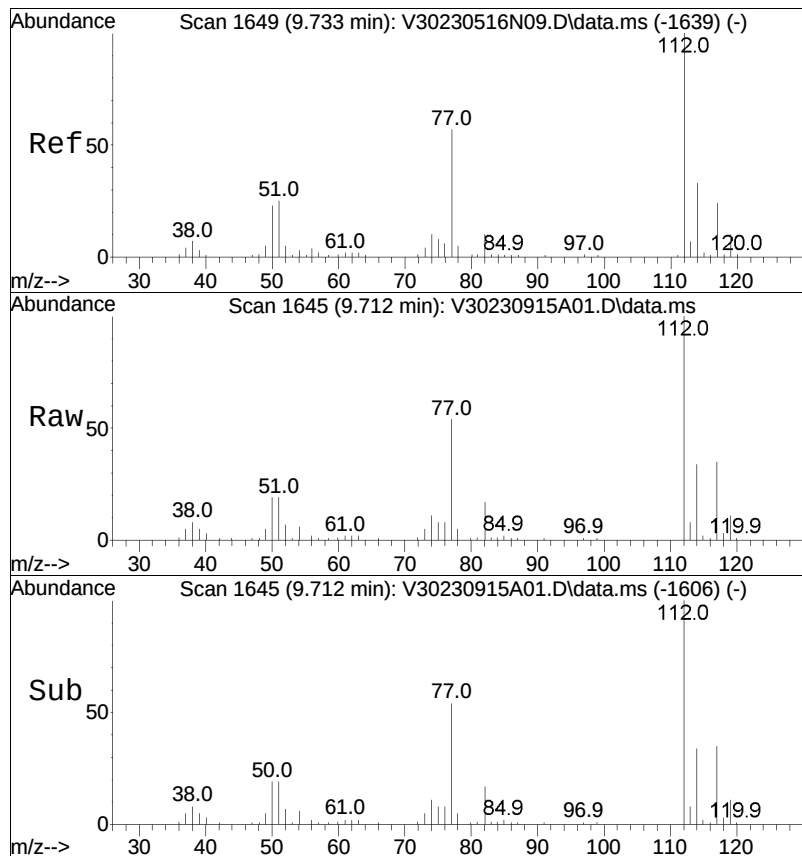




#77
 2-Hexanone
 Concen: 10.19 ug/L
 RT: 9.340 min Scan# 1574
 Delta R.T. -0.005 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

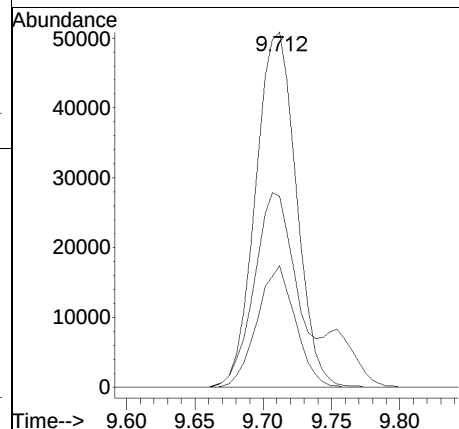
Tgt Ion:	43	Resp:	13593
Ion Ratio	Lower	Upper	
43	100		
58	53.9	38.6	58.0
57	18.3	14.1	21.1

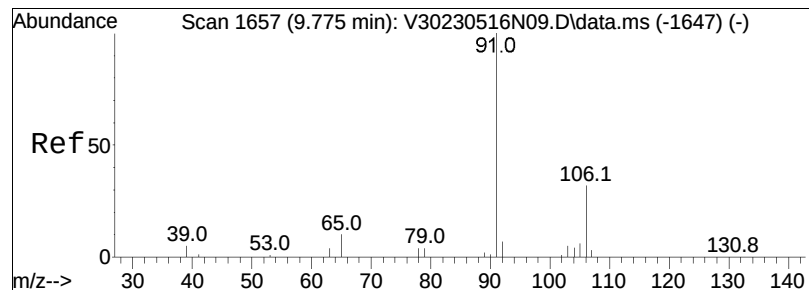




#78
 Chlorobenzene
 Concen: 10.51 ug/L
 RT: 9.712 min Scan# 1645
 Delta R.T. 0.005 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

Tgt	Ion:112	Resp:	105344
Ion	Ratio	Lower	Upper
112	100		
77	56.6	54.8	82.2
114	32.2	25.4	38.0





#79

Ethylbenzene

Concen: 10.53 ug/L

RT: 9.754 min Scan# 1653

Delta R.T. -0.000 min

Lab File: V30230915A01.D

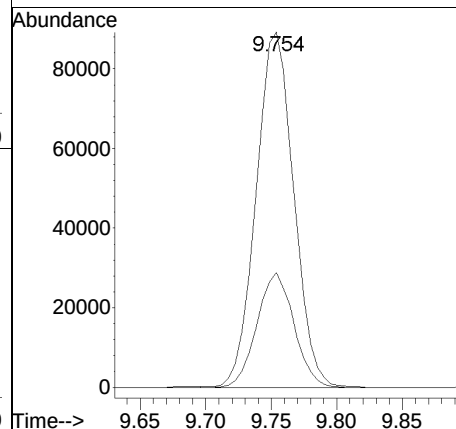
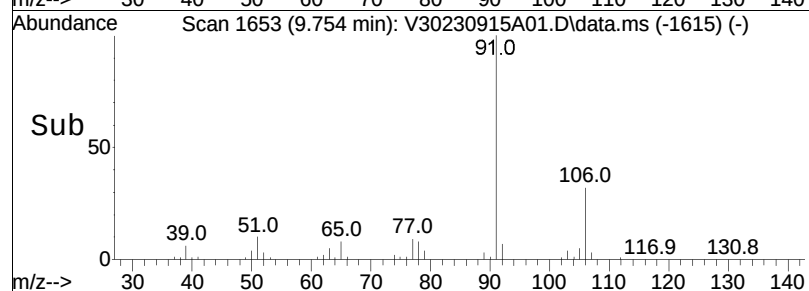
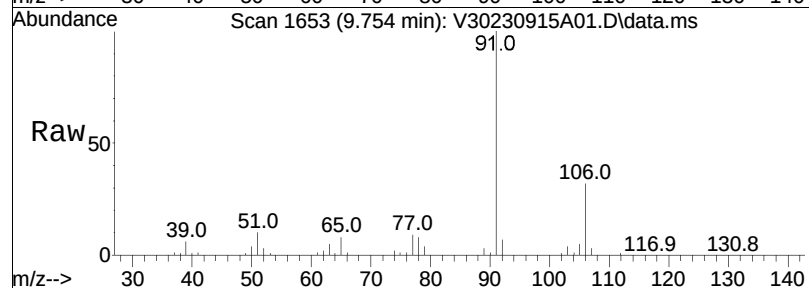
Acq: 15 Sep 2023 05:41 am

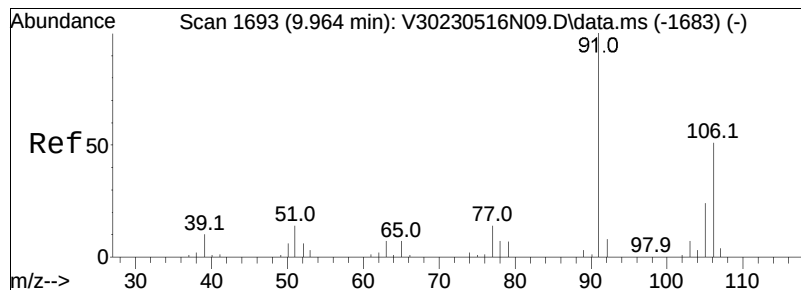
Tgt Ion: 91 Resp: 178093

Ion Ratio Lower Upper

91 100

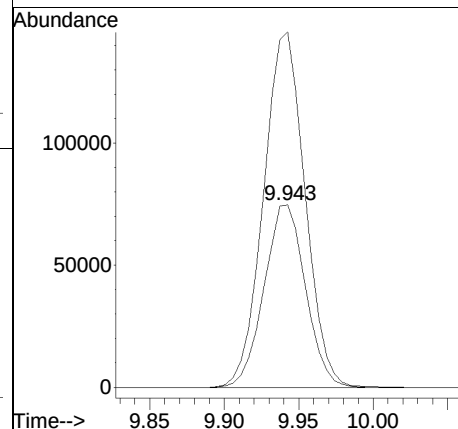
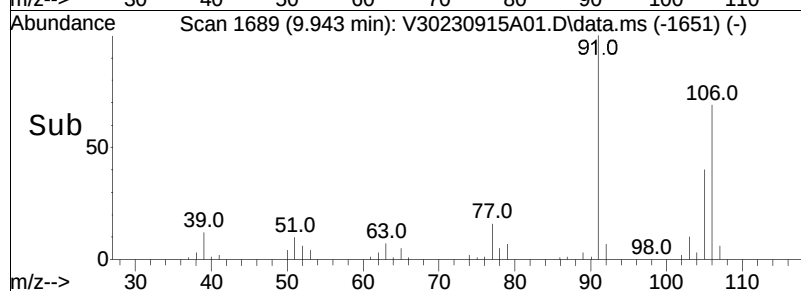
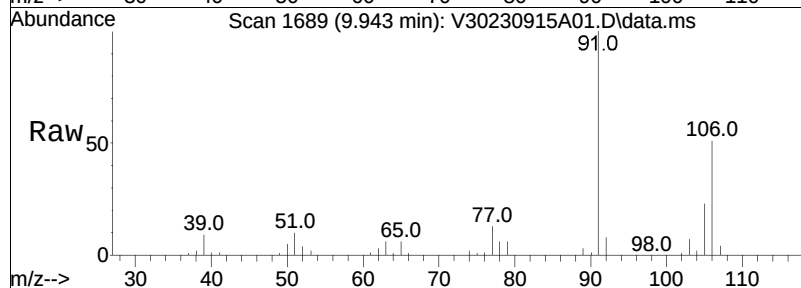
106 31.7 23.4 35.2

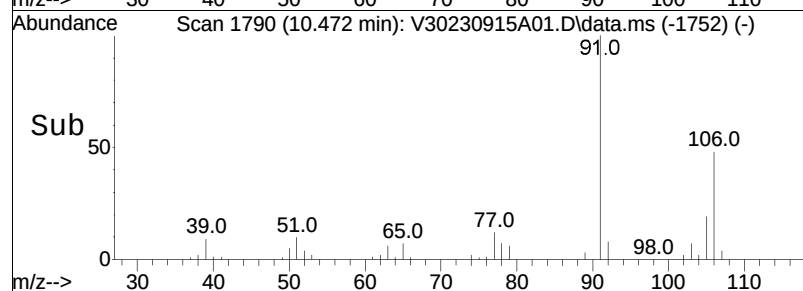
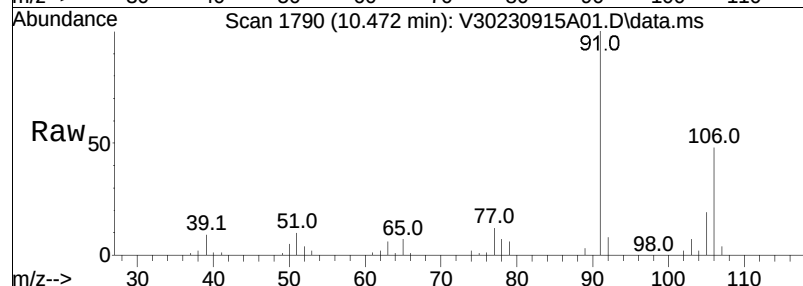
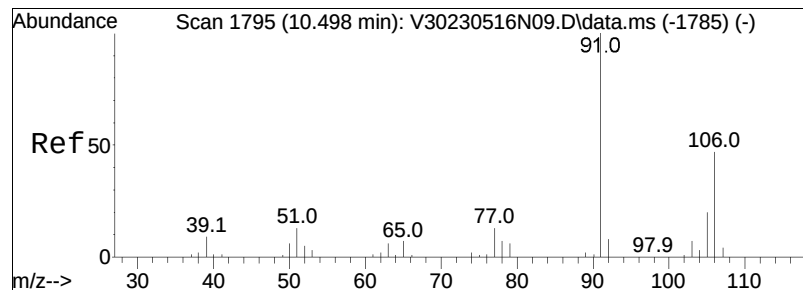




#81
 p/m Xylene
 Concen: 20.45 ug/L
 RT: 9.943 min Scan# 1689
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

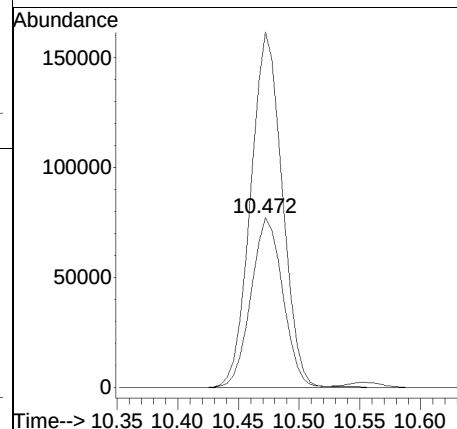
Tgt	Ion	Ratio	Lower	Upper
106	100			
91	194.8	171.4	257.2	

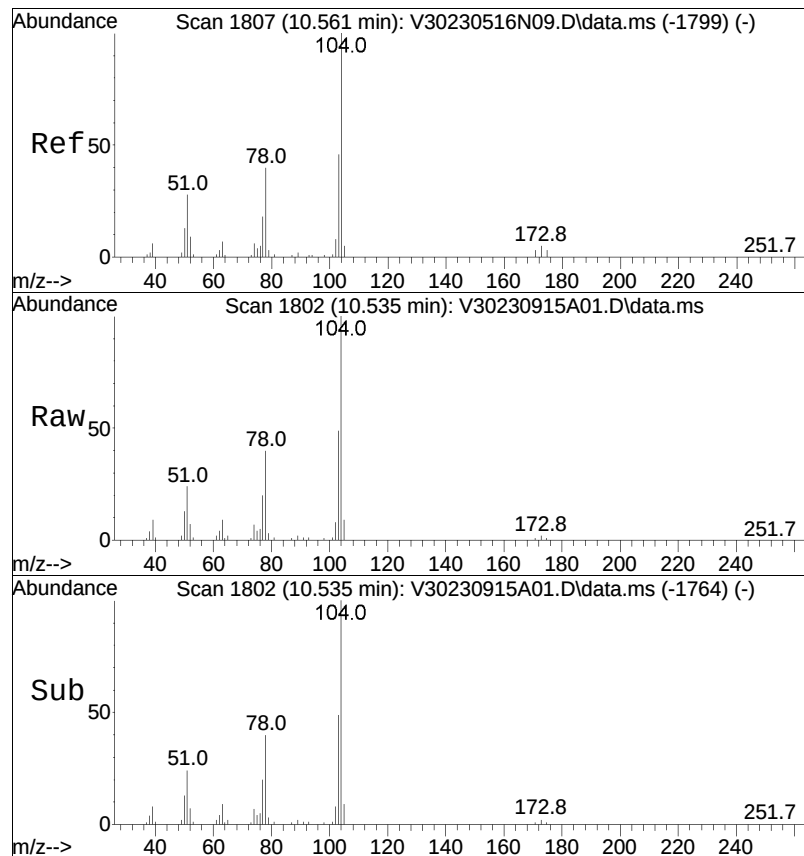




#82
o Xylene
Concen: 19.54 ug/L
RT: 10.472 min Scan# 1790
Delta R.T. -0.000 min
Lab File: V30230915A01.D
Acq: 15 Sep 2023 05:41 am

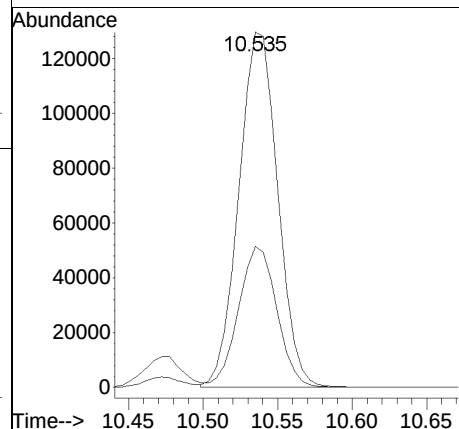
Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.3	179.2	268.8

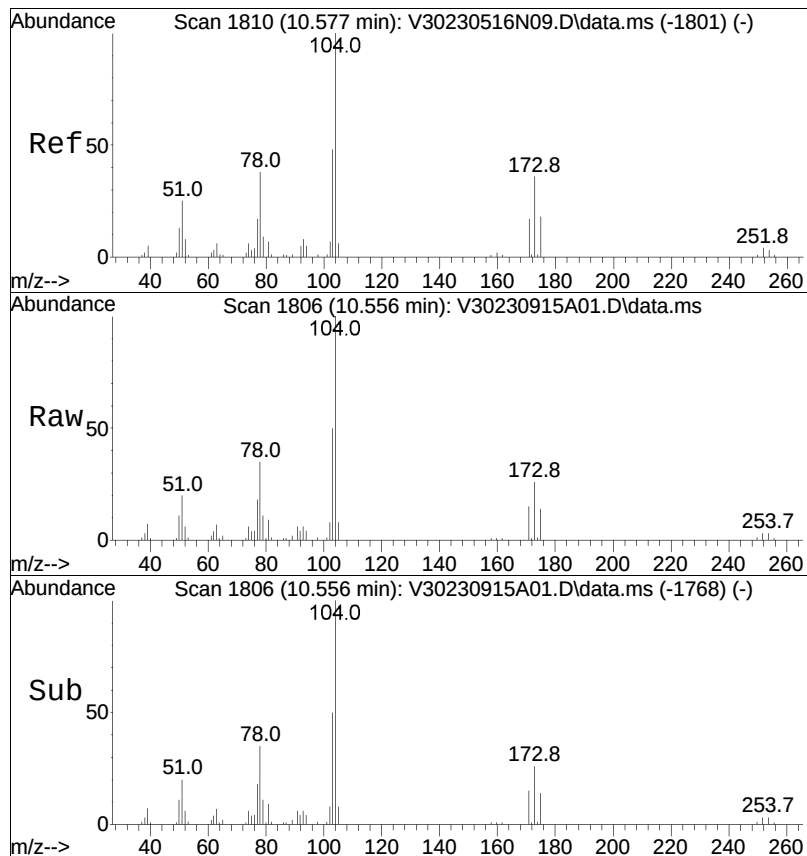




#83
 Styrene
 Concen: 19.65 ug/L
 RT: 10.535 min Scan# 1802
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

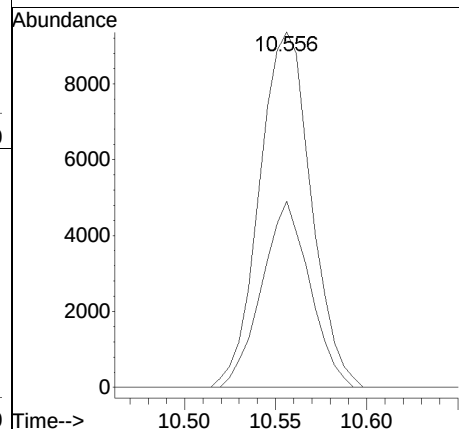
Tgt Ion	Ratio	Lower	Upper
104	100		
78	38.9	38.1	57.1

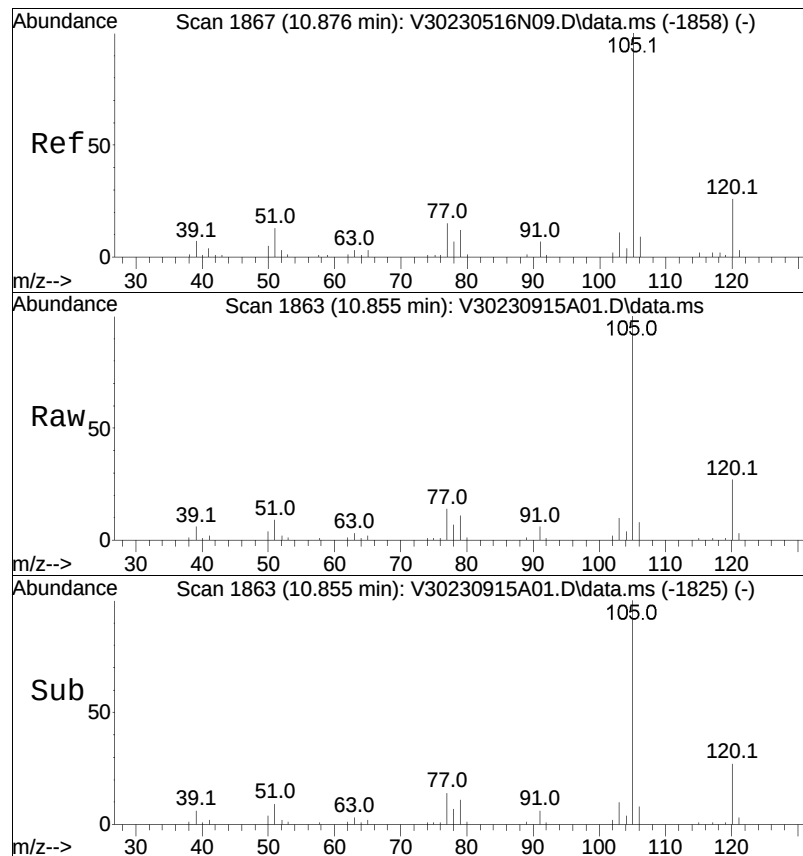




#85
 Bromoform
 Concen: 9.10 ug/L
 RT: 10.556 min Scan# 1806
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

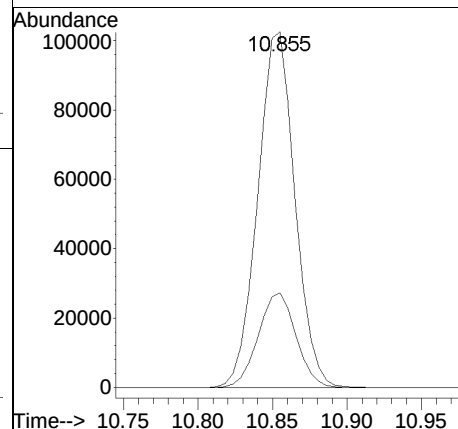
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	37.8	56.6

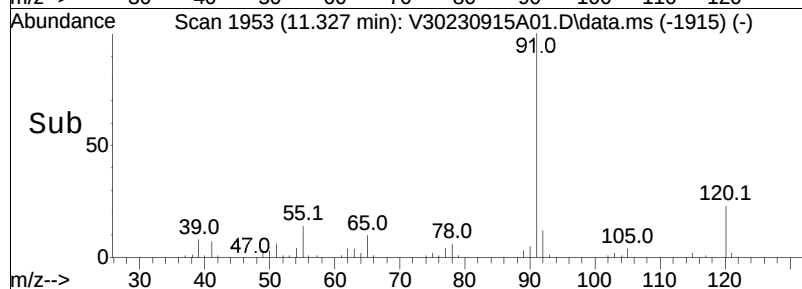
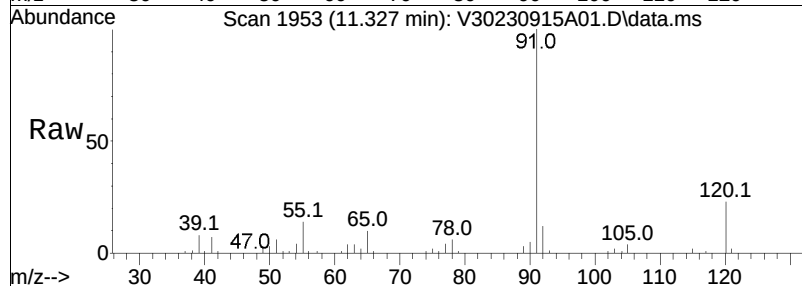
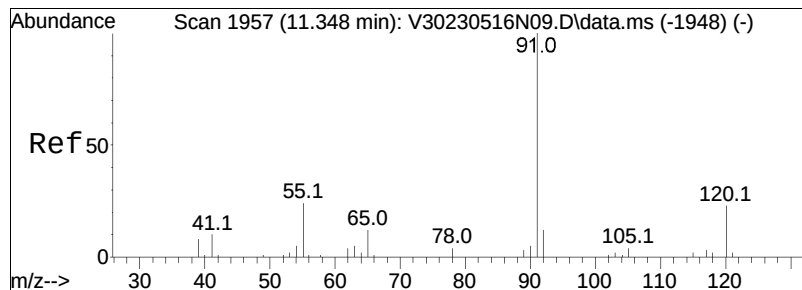




#87
 Isopropylbenzene
 Concen: 10.49 ug/L
 RT: 10.855 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

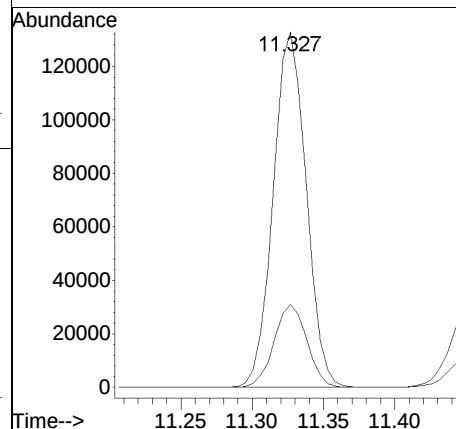
Tgt Ion:	105	Resp:	177550
Ion Ratio	Lower	Upper	
105	100		
120	26.9	20.0	30.0

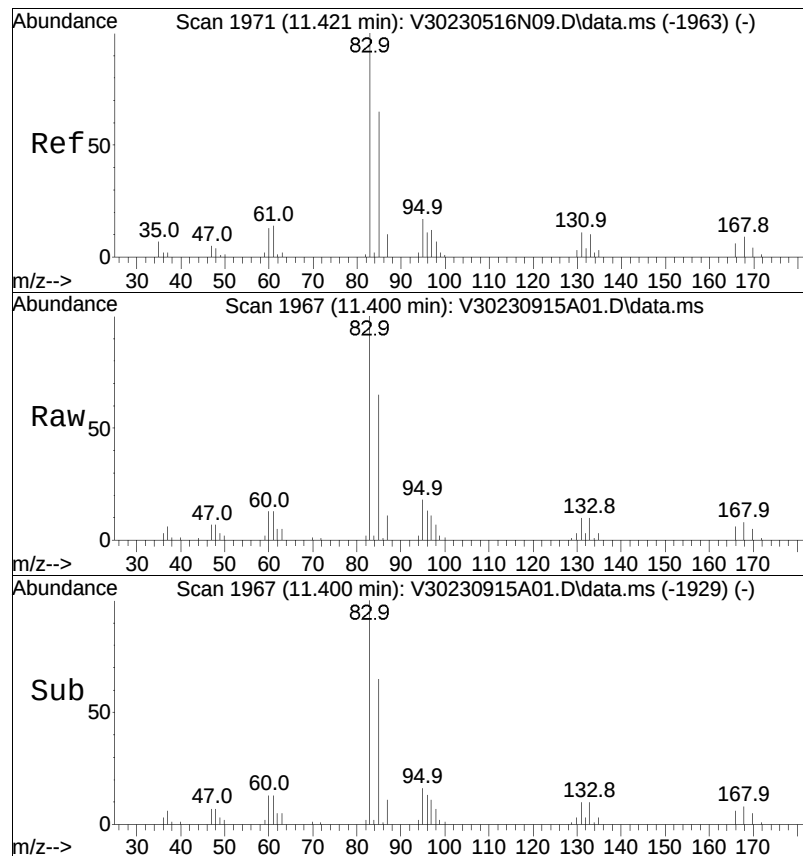




#90
 n-Propylbenzene
 Concen: 10.65 ug/L
 RT: 11.327 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

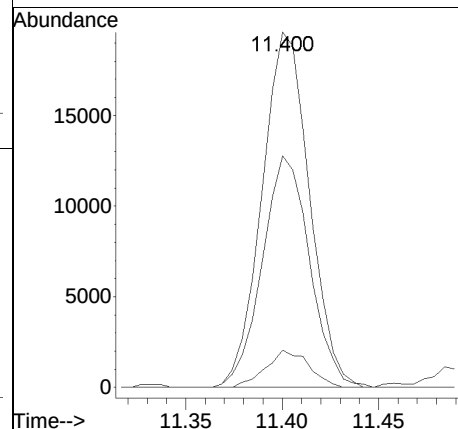
Tgt	Ion	Ratio	Lower	Upper
91	100			
120	23.2	16.3	24.5	

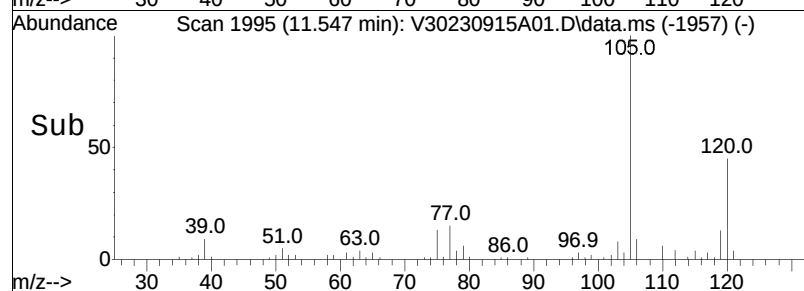
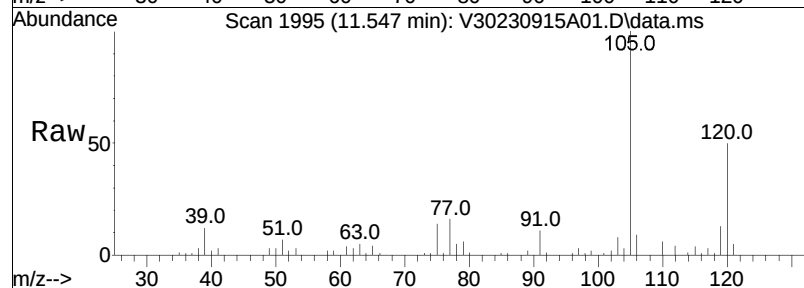
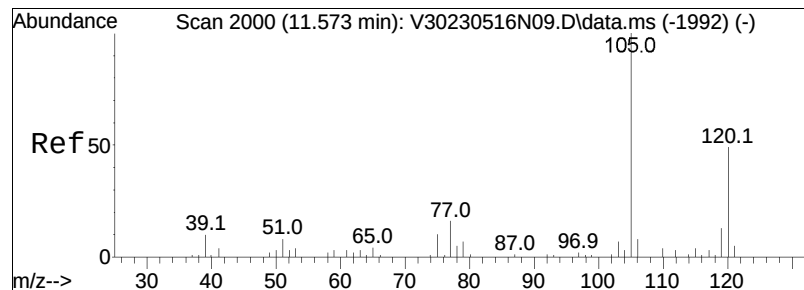




#92
 1,1,2,2-Tetrachloroethane
 Concen: 11.44 ug/L
 RT: 11.400 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

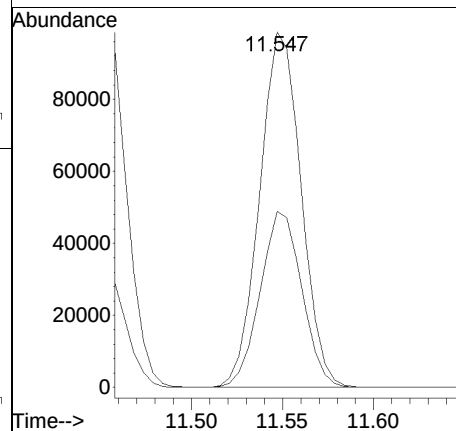
Tgt Ion:	83	Resp:	33549
Ion Ratio	Lower	Upper	
83	100		
131	9.5	6.6	10.0
85	65.2	51.8	77.6

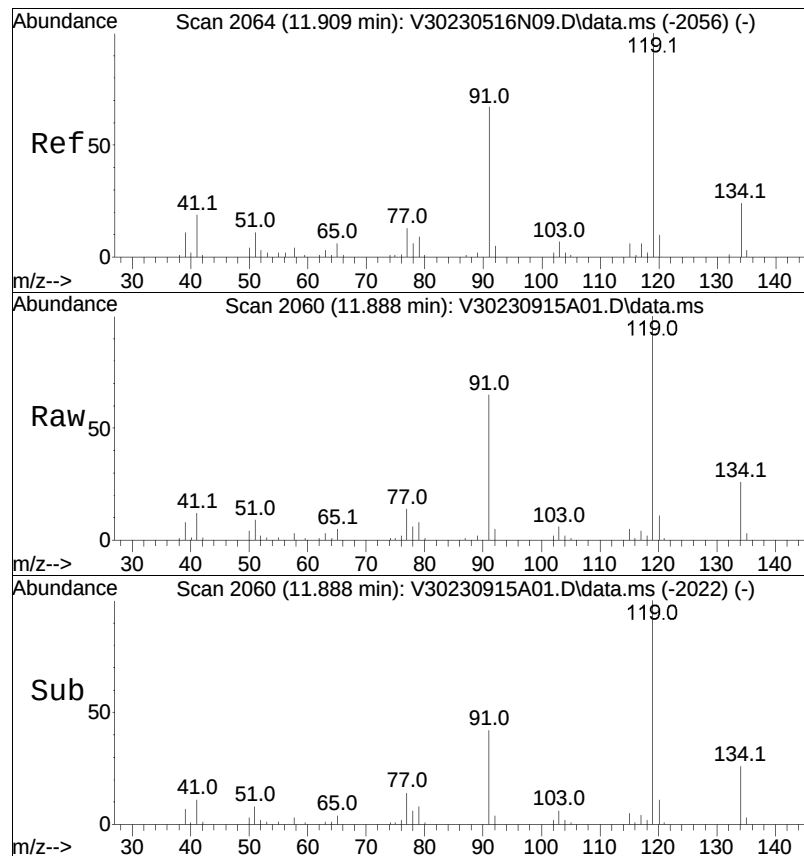




#95
 1,3,5-Trimethylbenzene
 Concen: 10.33 ug/L
 RT: 11.547 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

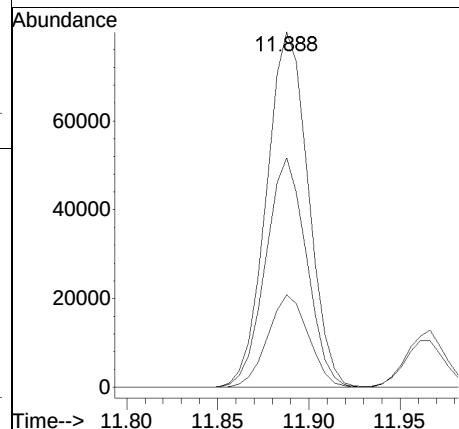
Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.6	37.8	56.6

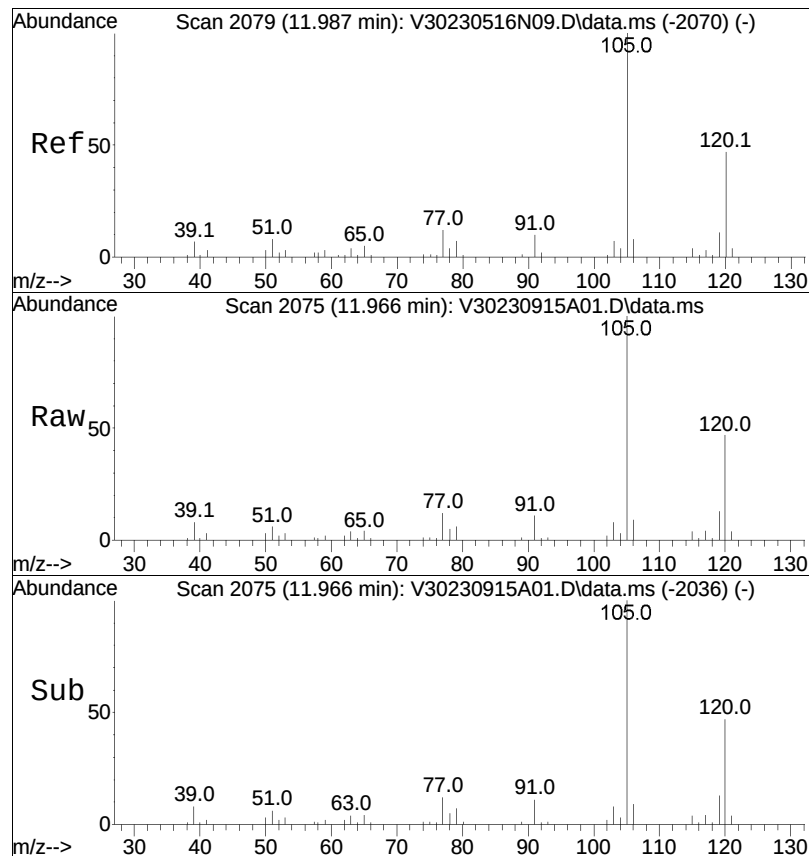




#99
 tert-Butylbenzene
 Concen: 10.39 ug/L
 RT: 11.888 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

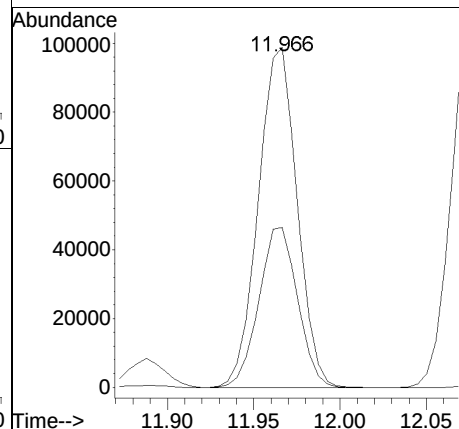
Tgt Ion:	119	Resp:	128106
Ion Ratio	Lower	Upper	
119	100		
91	63.2	58.8	88.2
134	25.3	18.6	27.8

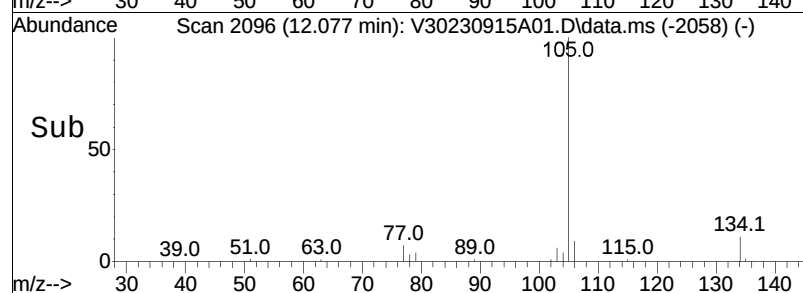
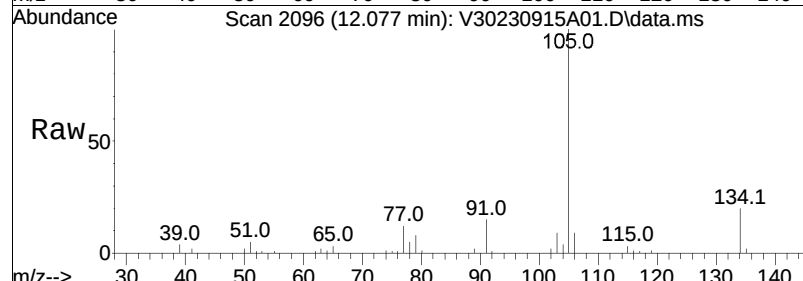
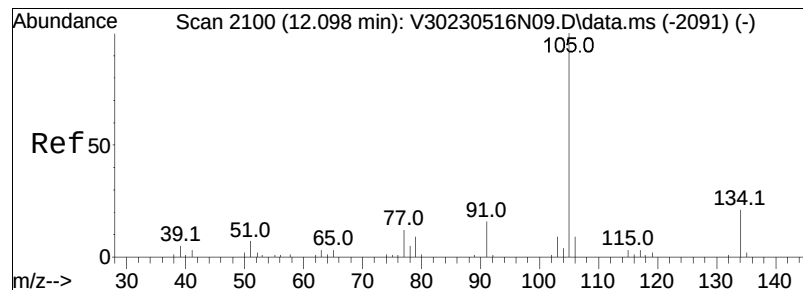




#102
 1,2,4-Trimethylbenzene
 Concen: 10.22 ug/L
 RT: 11.966 min Scan# 2075
 Delta R.T. 0.005 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

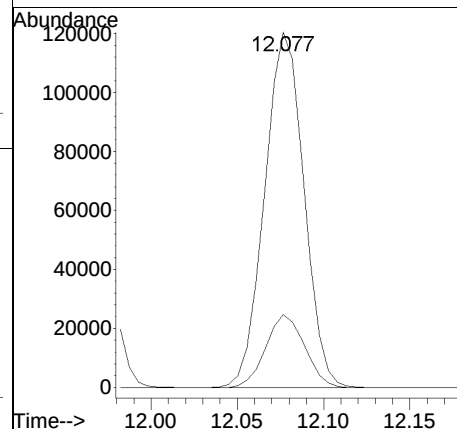
Tgt Ion	105	120	Ratio	Lower	Upper
Resp	153996				
Ion	100	47.0		35.2	52.8

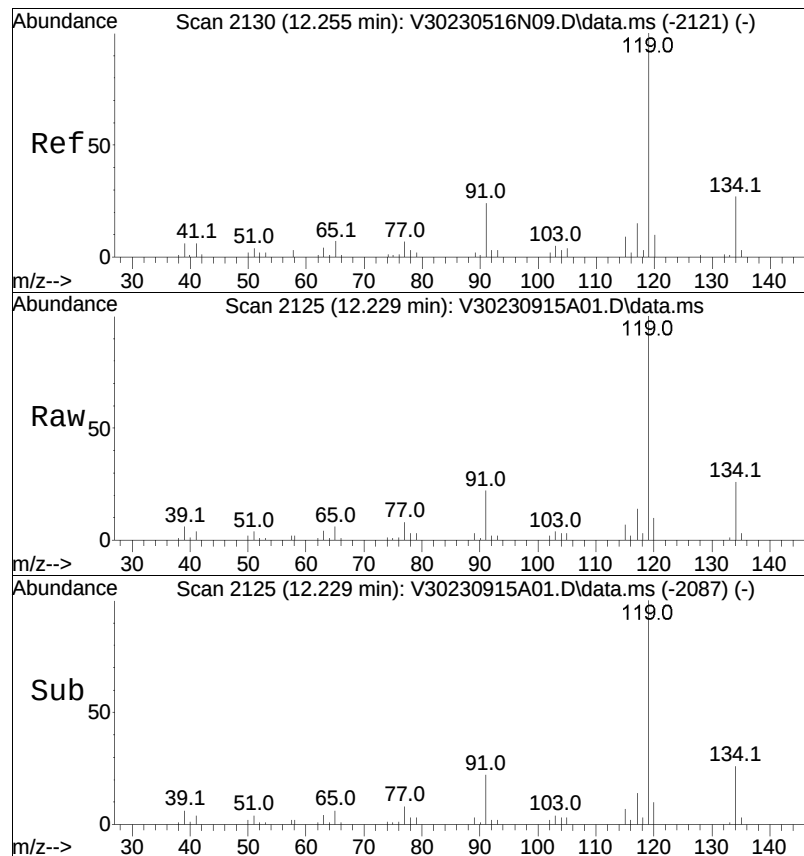




#103
 sec-Butylbenzene
 Concen: 10.45 ug/L
 RT: 12.077 min Scan# 2096
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

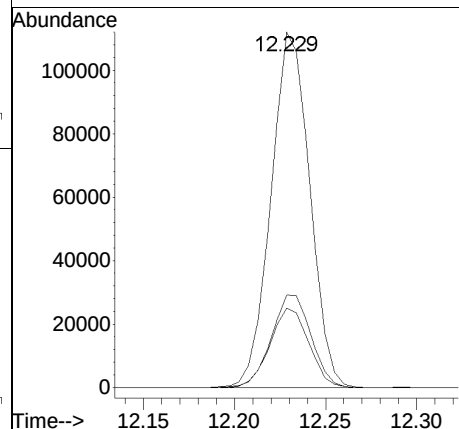
Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.2	11.4	23.6

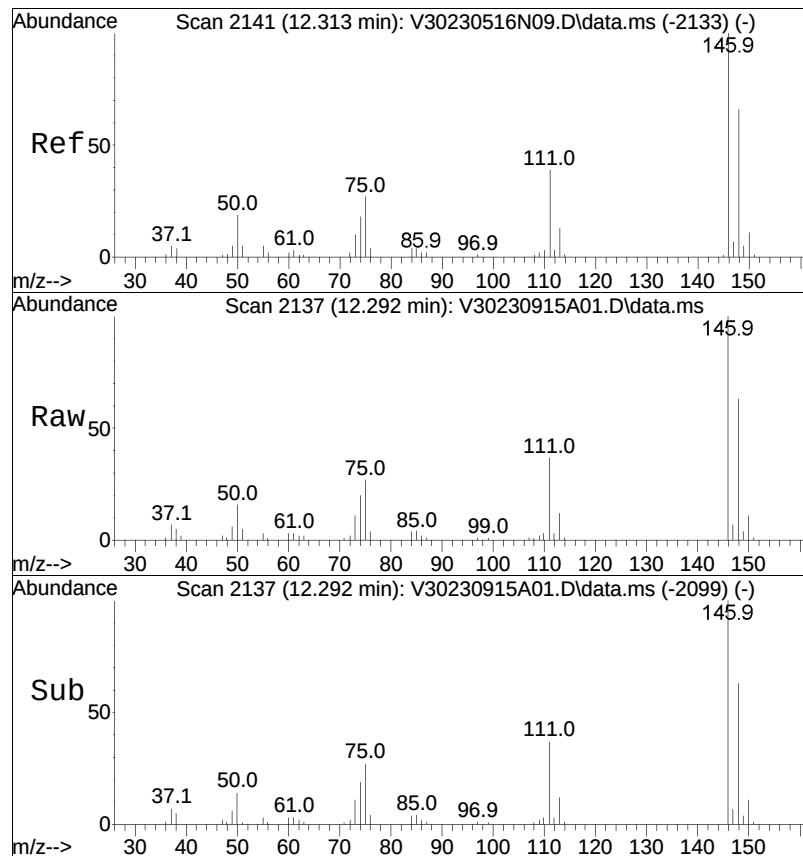




#104
 p-Isopropyltoluene
 Concen: 10.36 ug/L
 RT: 12.229 min Scan# 2125
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

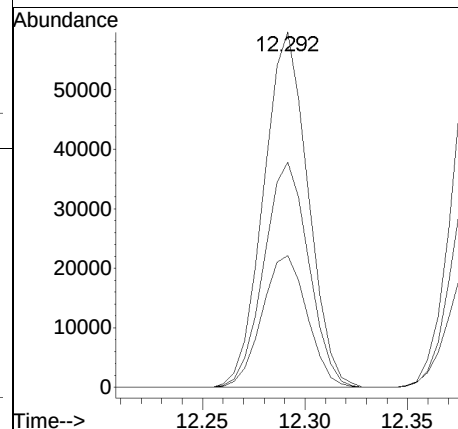
Tgt	Ion:119	Resp:	165549
Ion	Ratio	Lower	Upper
119	100		
134	26.6	15.9	33.1
91	22.4	16.6	34.4

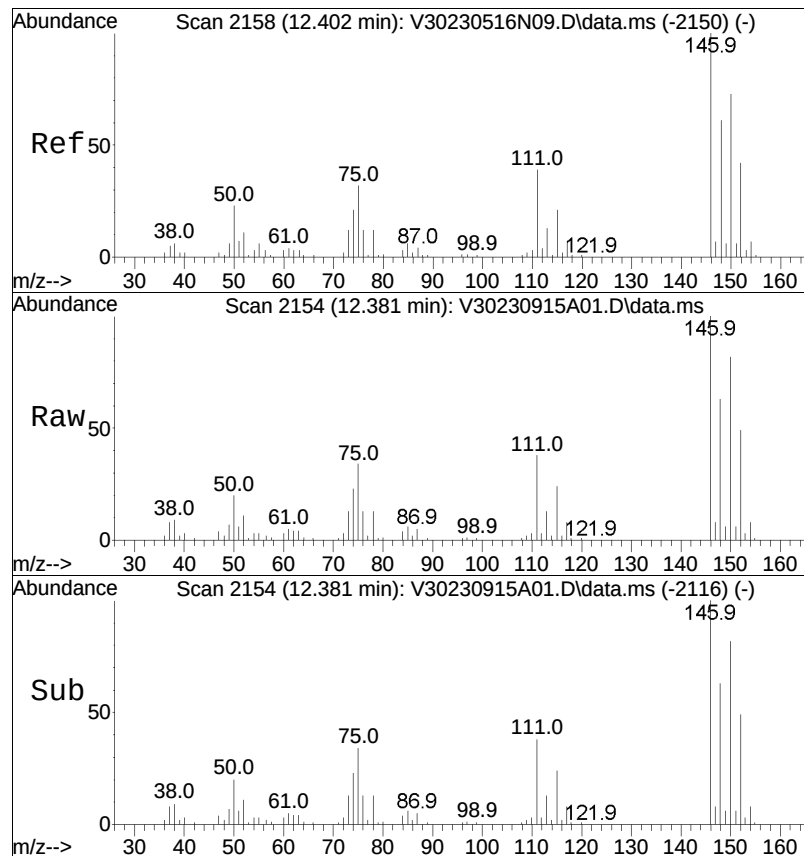




#105
 1,3-Dichlorobenzene
 Concen: 10.31 ug/L
 RT: 12.292 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

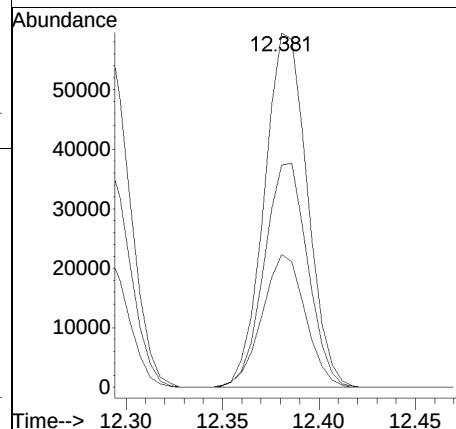
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	28.0	58.1
148	63.8	40.8	84.6

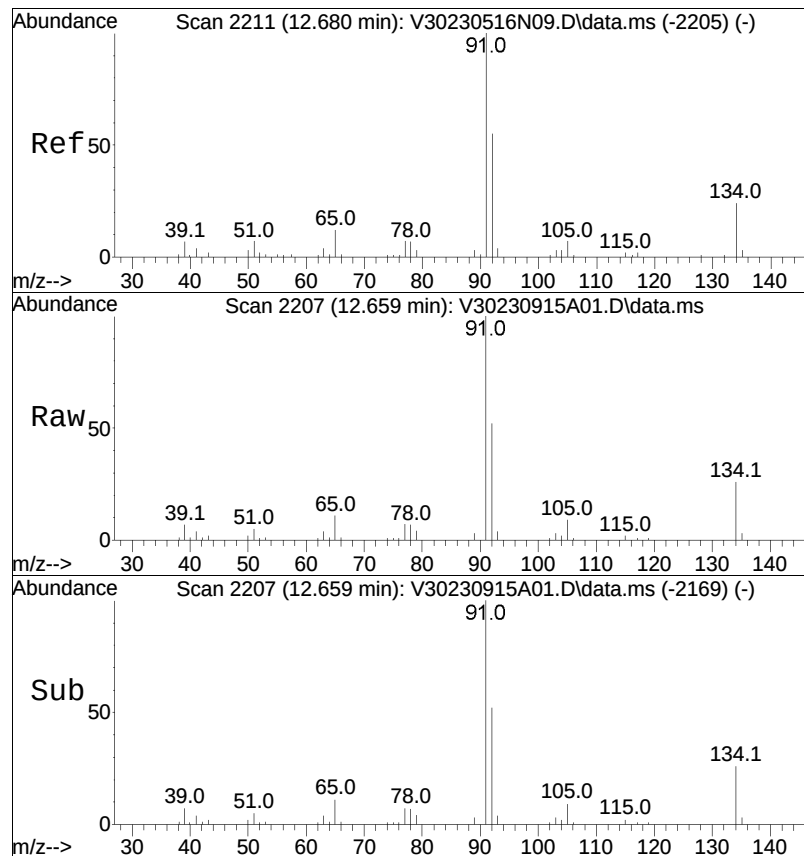




#106
 1,4-Dichlorobenzene
 Concen: 10.38 ug/L
 RT: 12.381 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

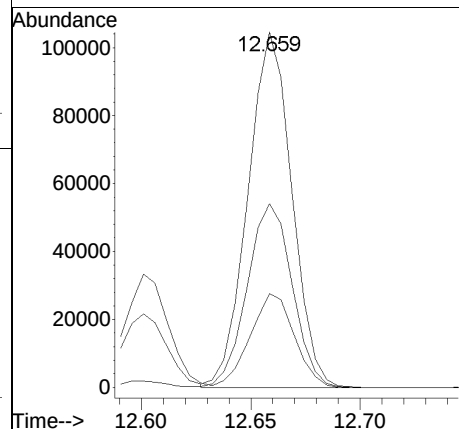
Tgt Ion:	146	Resp:	92345
Ion Ratio	Lower	Upper	
146	100		
111	37.8	33.7	50.5
148	64.0	50.8	76.2

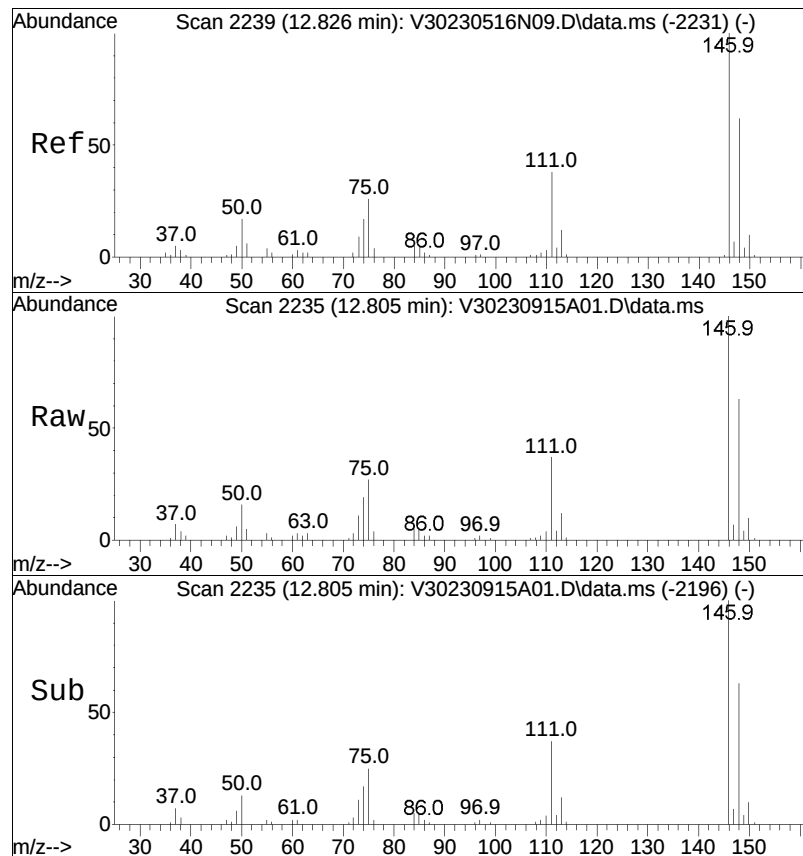




#108
 n-Butylbenzene
 Concen: 10.73 ug/L
 RT: 12.659 min Scan# 2207
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

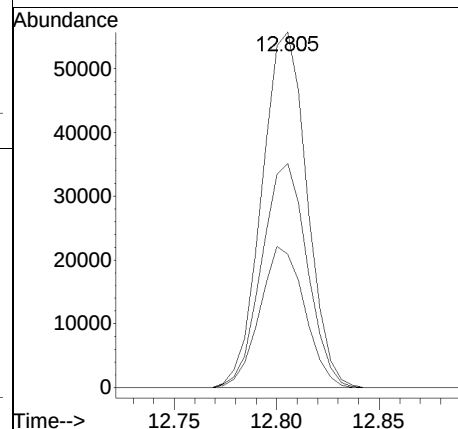
Tgt	Ion: 91	Resp:	145967
Ion	Ratio	Lower	Upper
91	100		
92	53.0	44.2	66.4
134	26.5	17.8	26.6

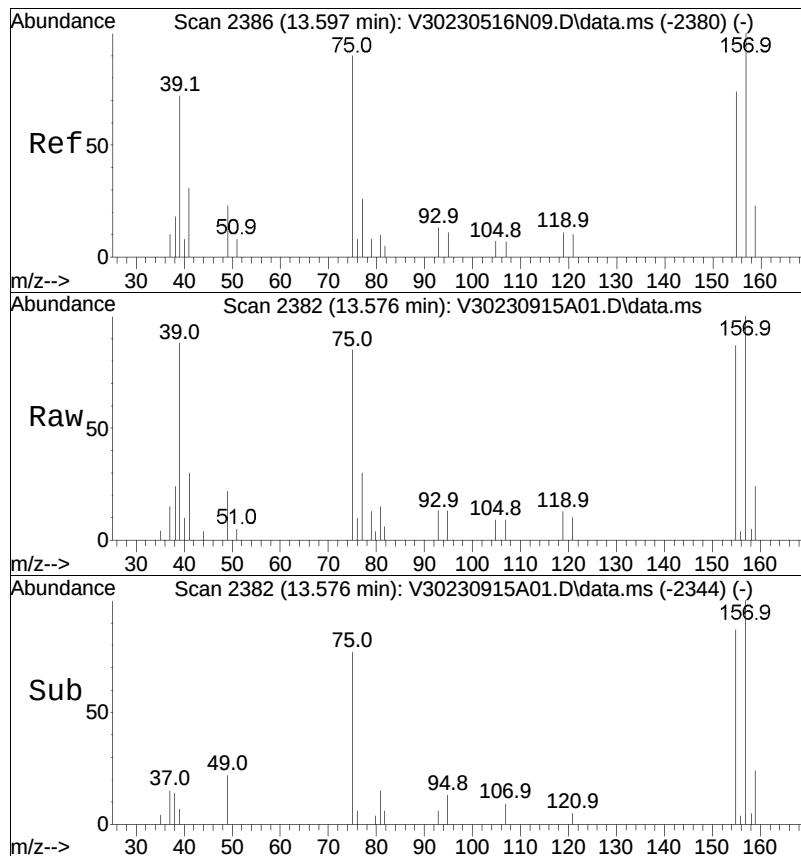




#109
 1,2-Dichlorobenzene
 Concen: 10.24 ug/L
 RT: 12.805 min Scan# 2235
 Delta R.T. 0.005 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

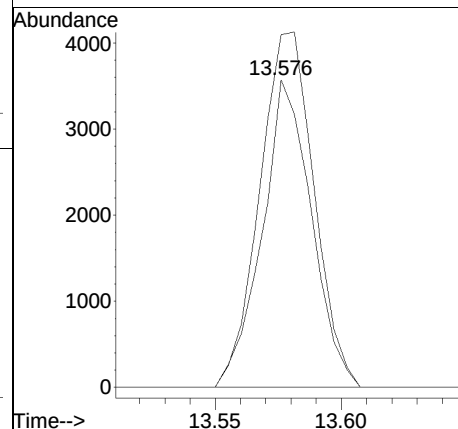
Tgt Ion:	146	Resp:	85391
Ion Ratio	Lower	Upper	
146	100		
111	39.4	29.5	61.3
148	63.6	41.3	85.9

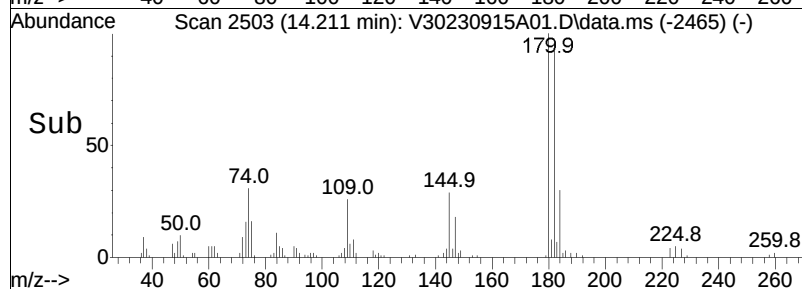
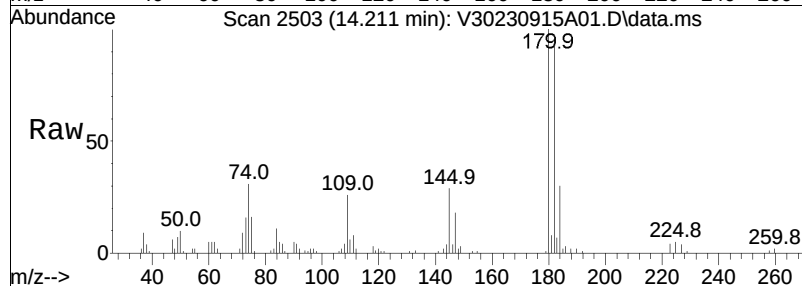
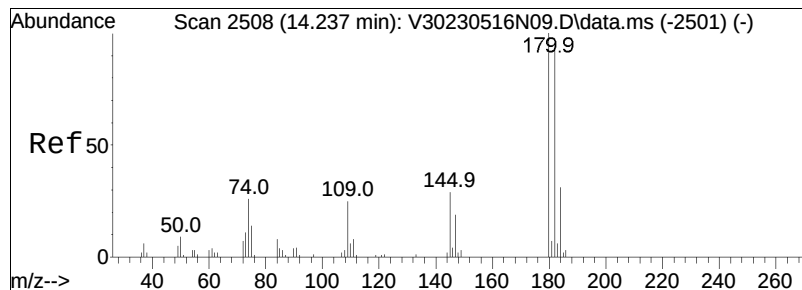




#111
 1,2-Dibromo-3-chloropropane
 Concen: 9.64 ug/L
 RT: 13.576 min Scan# 2382
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

Tgt Ion:155 Resp: 4863
 Ion Ratio Lower Upper
 155 100
 157 127.2 105.1 157.7





#114

1,2,4-Trichlorobenzene

Concen: 10.68 ug/L

RT: 14.211 min Scan# 2503

Delta R.T. -0.000 min

Lab File: V30230915A01.D

Acq: 15 Sep 2023 05:41 am

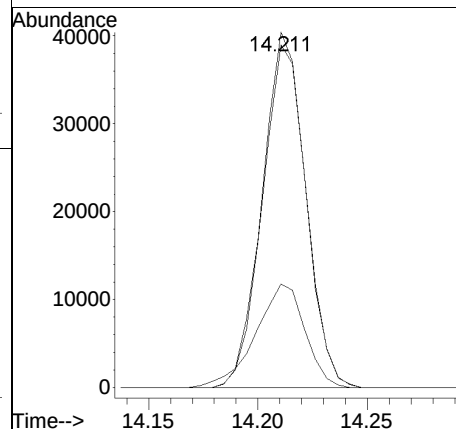
Tgt Ion:180 Resp: 55878

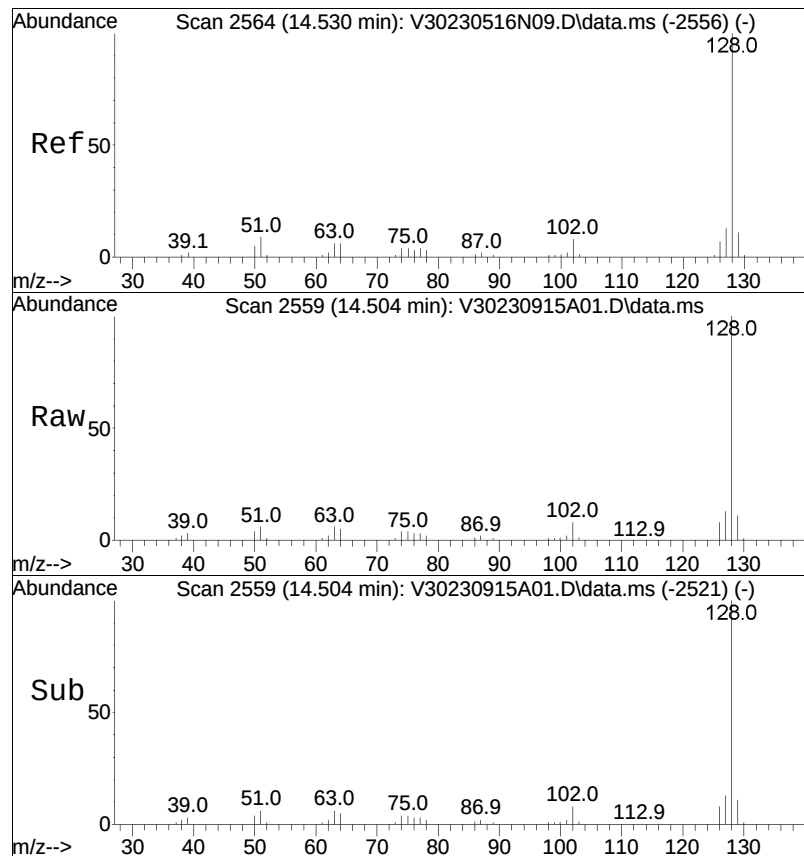
Ion Ratio Lower Upper

180 100

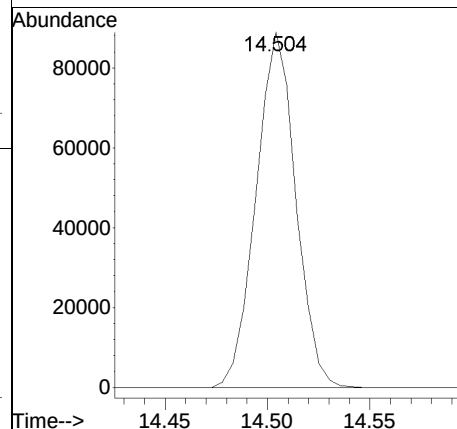
182 97.1 75.7 113.5

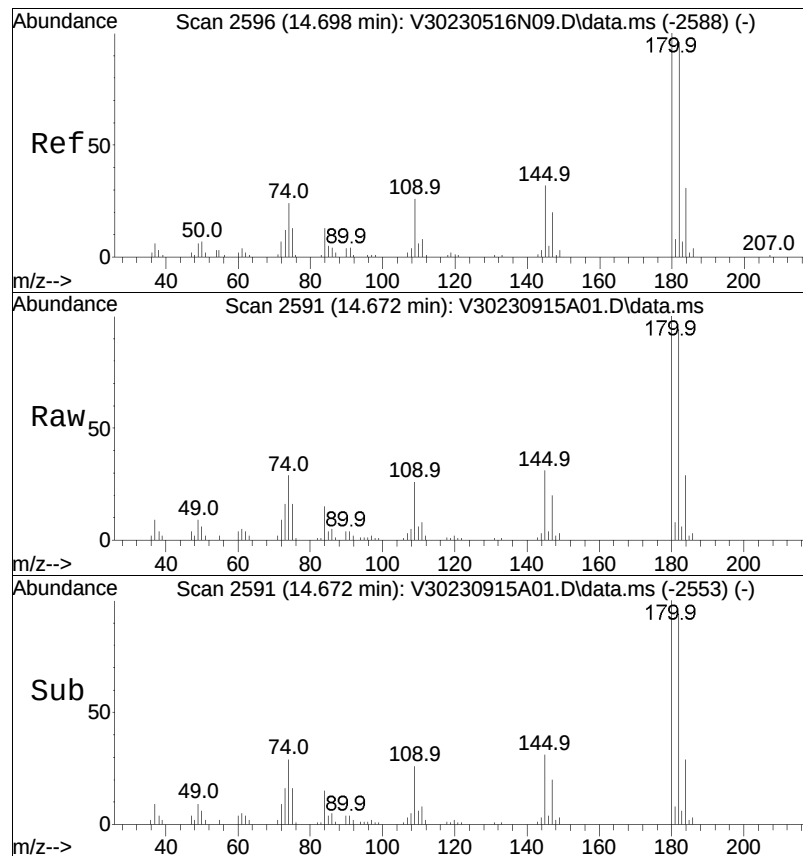
145 32.9 27.4 41.2





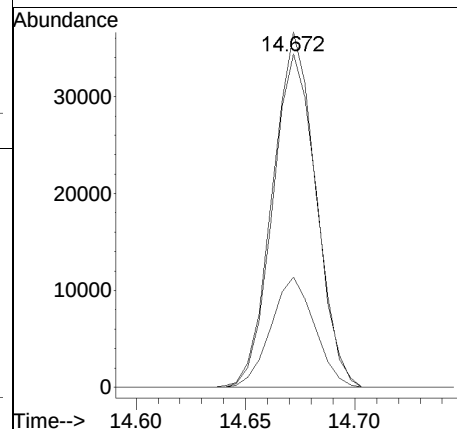
#115
 Naphthalene
 Concen: 10.44 ug/L
 RT: 14.504 min Scan# 2559
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am
 Tgt Ion:128 Resp: 119716





#116
 1,2,3-Trichlorobenzene
 Concen: 10.40 ug/L
 RT: 14.672 min Scan# 2591
 Delta R.T. -0.000 min
 Lab File: V30230915A01.D
 Acq: 15 Sep 2023 05:41 am

Tgt Ion:	180	Resp:	50300
Ion Ratio	Lower	Upper	
180	100		
182	95.2	74.9	112.3
145	31.5	26.0	39.0



Manual Integration Report

Data Path	: K:\V0A130\2023\230915A\	QMethod	: V130_230913A_8260D.m
Data File	: V30230915A01.D	Operator	: V0A130:MJV
Date Inj'd	: 9/15/2023 5:41 am	Instrument	: V0A130
Sample	: WG1828105-3,31,10,10	Quant Date	: 9/15/2023 6:03 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A01.D
 Acq On : 16 Sep 2023 12:58 pm
 Operator : VOA130:LAC
 Sample : WG1828105-10,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 18 14:14:55 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	187984	10.000	ug/L	# 0.00
Standard Area 1 = 187984			Recovery	=	100.00%	
63) Chlorobenzene-d5	9.686	117	163848	10.000	ug/L	# 0.00
Standard Area 1 = 163848			Recovery	=	100.00%	
84) 1,4-Dichlorobenzene-d4	12.365	152	96294	10.000	ug/L	0.00
Standard Area 1 = 96294			Recovery	=	100.00%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	56495	9.580	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	95.80%	
47) 1,2-Dichloroethane-d4	5.843	65	56851	9.612	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.12%	
64) Toluene-d8	7.840	98	211040	10.365	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.65%	
88) 4-Bromofluorobenzene	11.164	95	71910	9.992	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.92%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	51524	10.766	ug/L	96
3) Chloromethane	1.879	50	37890	10.232	ug/L	97
4) Vinyl chloride	1.957	62	59085	12.841	ug/L	100
5) Bromomethane	2.277	94	46107	8.461	ug/L	99
6) Chloroethane	2.398	64	40819	11.357	ug/L	96
7) Trichlorofluoromethane	2.545	101	99824	11.196	ug/L	99
10) 1,1-Dichloroethene	3.043	96	33716	10.847	ug/L	# 67
11) Carbon disulfide	3.069	76	98014	11.397	ug/L	99
12) Freon-113	3.085	101	34830	10.518	ug/L	87
15) Methylene chloride	3.604	84	37784	10.619	ug/L	74
17) Acetone	3.640	43	6515	11.399	ug/L	95
18) trans-1,2-Dichloroethene	3.756	96	37301	10.763	ug/L	74
19) Methyl acetate	3.761	43	12897	9.572	ug/L	# 78
21) Methyl tert-butyl ether	3.861	73	75215	10.038	ug/L	89
25) 1,1-Dichloroethane	4.348	63	62656	10.423	ug/L	# 97
30) cis-1,2-Dichloroethene	4.867	96	43878	11.105	ug/L	# 71
33) Bromochloromethane	5.061	128	18754	9.884	ug/L	# 54
34) Cyclohexane	5.077	56	51540	10.238	ug/L	# 65
35) Chloroform	5.135	83	65485	10.226	ug/L	94
37) Carbon tetrachloride	5.282	117	47681	9.913	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A01.D
 Acq On : 16 Sep 2023 12:58 pm
 Operator : VOA130:LAC
 Sample : WG1828105-10,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 18 14:14:55 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
40)	1,1,1-Trichloroethane	5.344	97	56581	10.080	ug/L		92
42)	2-Butanone	5.428	43	7574	9.515	ug/L	#	88
45)	Benzene	5.711	78	138260	10.807	ug/L		94
48)	1,2-Dichloroethane	5.911	62	41790	9.731	ug/L	#	96
51)	Methylcyclohexane	6.314	83	59147	10.538	ug/L	#	72
52)	Trichloroethene	6.314	95	38689	10.147	ug/L		90
55)	1,2-Dichloropropane	6.860	63	32609	10.488	ug/L		93
58)	Bromodichloromethane	6.928	83	47502	10.050	ug/L	#	97
61)	1,4-Dioxane	7.132	88	10169	446.931	ug/L	#	80
62)	cis-1,3-Dichloropropene	7.620	75	52280	10.288	ug/L	#	84
65)	Toluene	7.898	92	87635	10.585	ug/L		98
66)	4-Methyl-2-pentanone	8.328	58	5996	8.867	ug/L	#	90
67)	Tetrachloroethene	8.349	166	37234	10.540	ug/L		96
69)	trans-1,3-Dichloropropene	8.375	75	44407	11.043	ug/L	#	86
72)	1,1,2-Trichloroethane	8.558	83	21940	10.460	ug/L		95
73)	Chlorodibromomethane	8.773	129	30046	10.019	ug/L		97
75)	1,2-Dibromoethane	9.051	107	26033	10.299	ug/L		99
77)	2-Hexanone	9.340	43	11598	9.174	ug/L		97
78)	Chlorobenzene	9.707	112	99740	10.501	ug/L		90
79)	Ethylbenzene	9.754	91	171136	10.679	ug/L		96
81)	p/m Xylene	9.943	106	137993	20.629	ug/L		87
82)	o Xylene	10.472	106	133145	19.436	ug/L		89
83)	Styrene	10.535	104	223293	19.669	ug/L		88
85)	Bromoform	10.556	173	16958	8.939	ug/L		98
87)	Isopropylbenzene	10.855	105	167672	10.609	ug/L		97
90)	n-Propylbenzene	11.327	91	205618	10.987	ug/L		94
92)	1,1,2,2-Tetrachloroethane	11.400	83	29491	10.767	ug/L		99
95)	1,3,5-Trimethylbenzene	11.547	105	144785	10.240	ug/L		95
99)	tert-Butylbenzene	11.888	119	118087	10.258	ug/L		90
102)	1,2,4-Trimethylbenzene	11.961	105	145876	10.372	ug/L		96
103)	sec-Butylbenzene	12.077	105	179110	10.529	ug/L		94
104)	p-Isopropyltoluene	12.229	119	154585	10.365	ug/L		96
105)	1,3-Dichlorobenzene	12.292	146	84140	10.321	ug/L		96
106)	1,4-Dichlorobenzene	12.381	146	85079	10.242	ug/L		97
108)	n-Butylbenzene	12.659	91	138834	10.934	ug/L		95
109)	1,2-Dichlorobenzene	12.805	146	78263	10.053	ug/L		96
111)	1,2-Dibromo-3-chloropr...	13.581	155	4304	9.138	ug/L		99
114)	1,2,4-Trichlorobenzene	14.211	180	50419	10.320	ug/L		98
115)	Naphthalene	14.504	128	104651	9.773	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A01.D
 Acq On : 16 Sep 2023 12:58 pm
 Operator : VOA130:LAC
 Sample : WG1828105-10,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 18 14:14:55 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	14.672	180	44778	9.920	ug/L	98

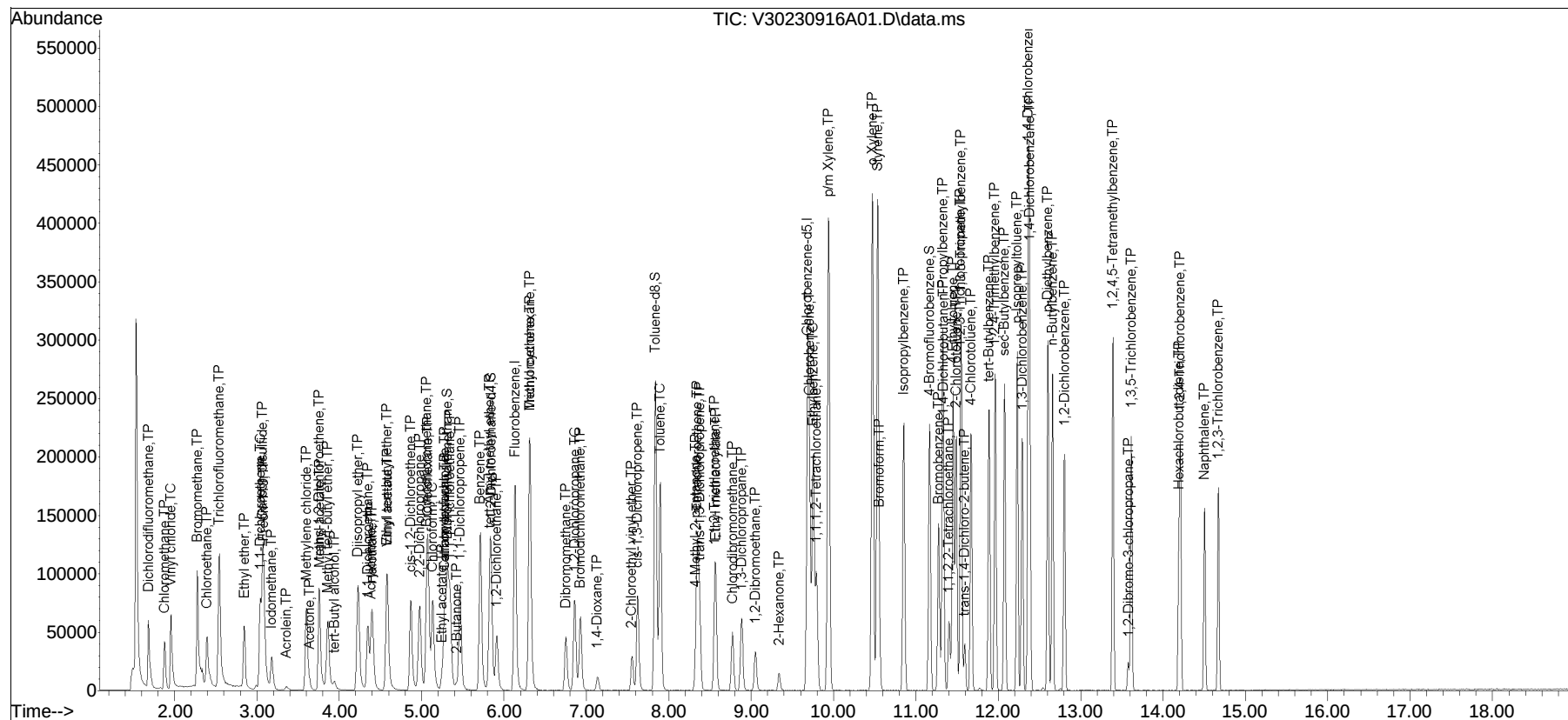
(#) = qualifier out of range (m) = manual integration (+) = signals summed

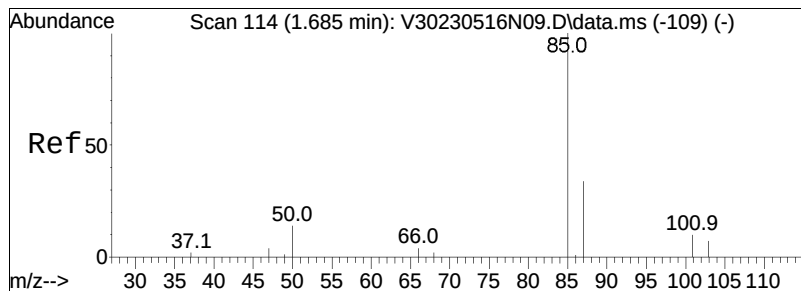
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A01.D
 Acq On : 16 Sep 2023 12:58 pm
 Operator : VOA130:LAC
 Sample : WG1828105-10,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 18 14:14:55 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

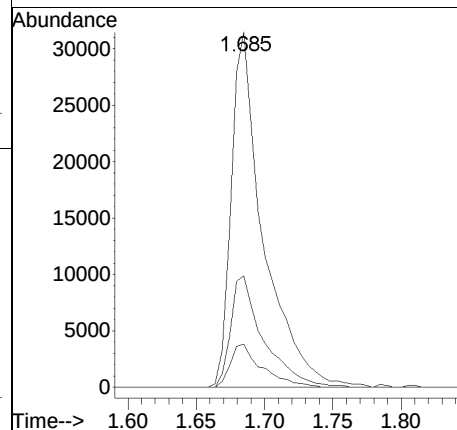
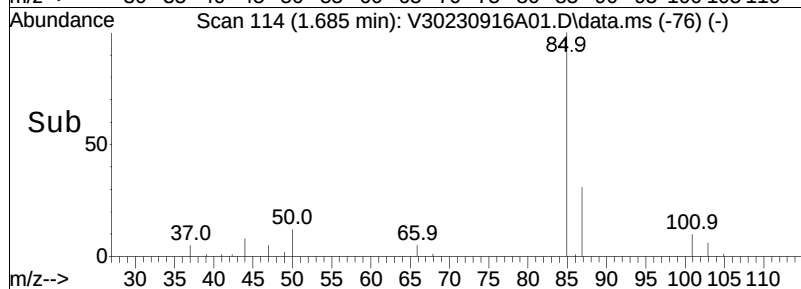
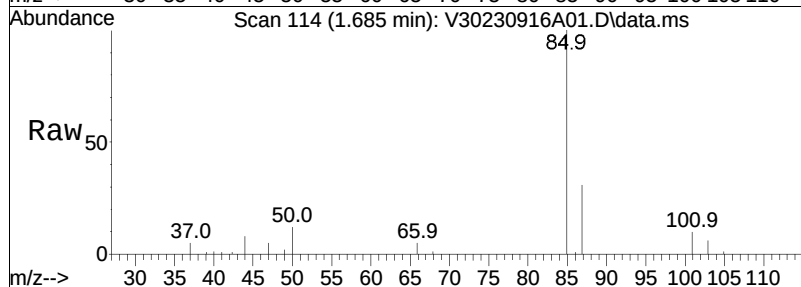
Sub List : 8260-Curve - Megamix plus Diox230916A01.D•

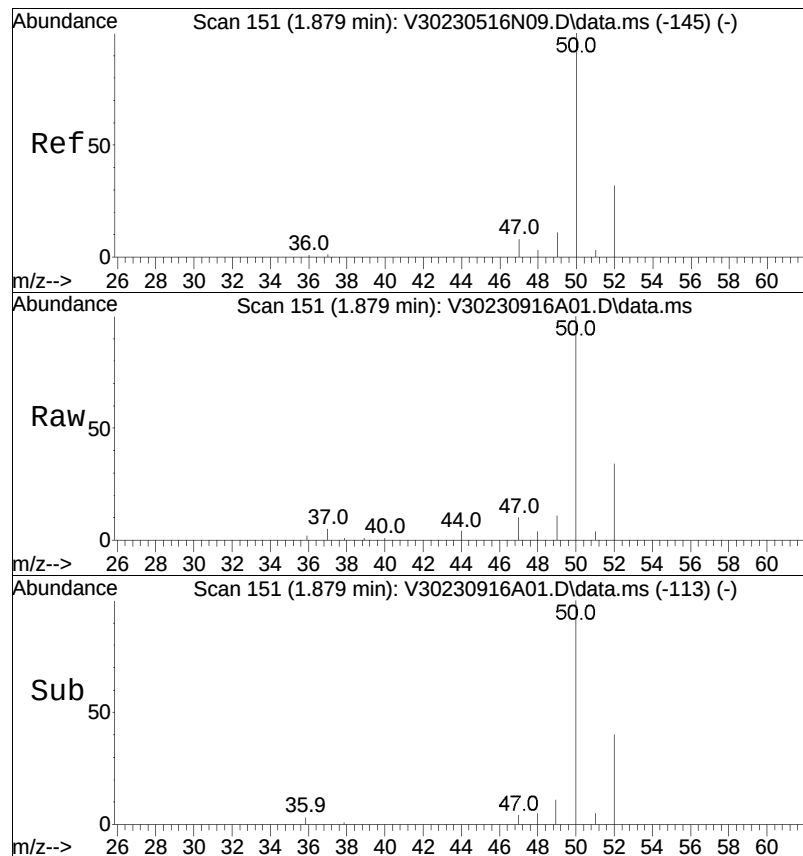




#2
 Dichlorodifluoromethane
 Concen: 10.77 ug/L
 RT: 1.685 min Scan# 114
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

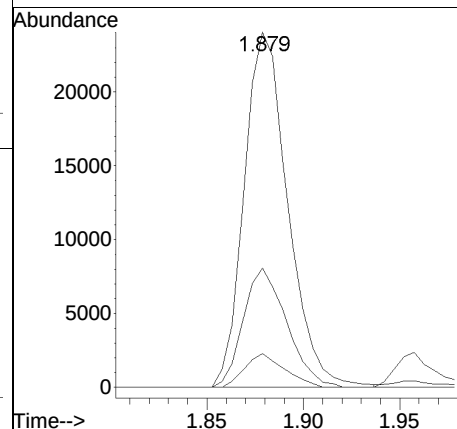
Tgt Ion	85	87	50	Ratio	100	32.1	20.2	10.1	Resp	51524	Lower	Upper
85	100											
87		32.1					20.2					42.0
50			12.2				10.1					20.9

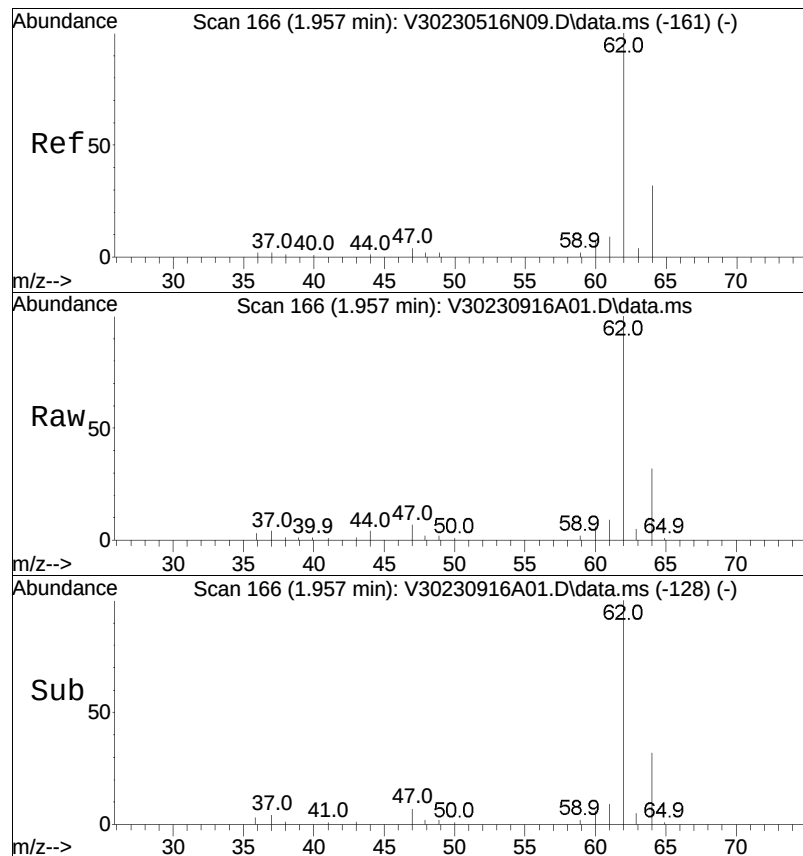




#3
 Chloromethane
 Concen: 10.23 ug/L
 RT: 1.879 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

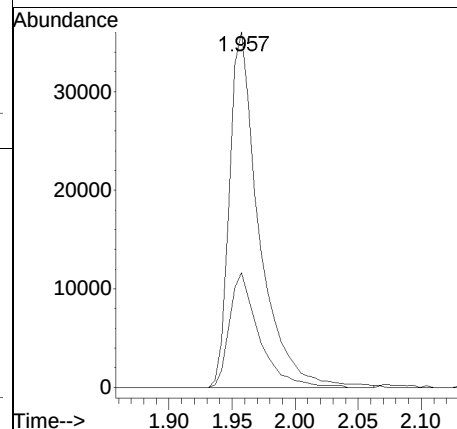
Tgt	Ion: 50	Resp:	37890
Ion	Ratio	Lower	Upper
50	100		
52	33.3	25.1	37.7
47	8.7	6.5	9.7

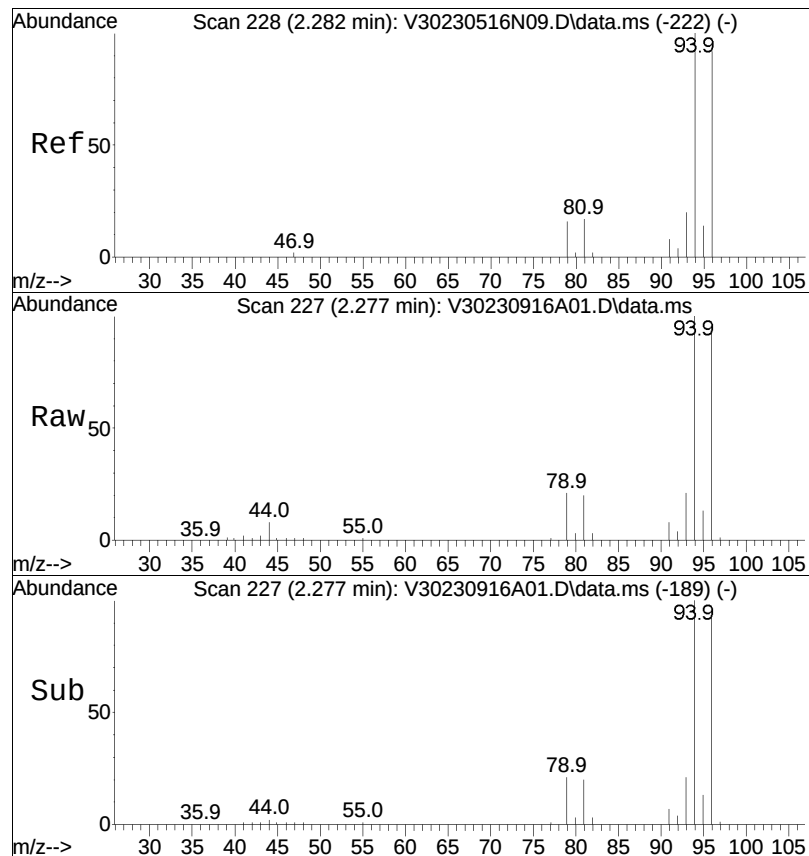




#4
 Vinyl chloride
 Concen: 12.84 ug/L
 RT: 1.957 min Scan# 166
 Delta R.T. 0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

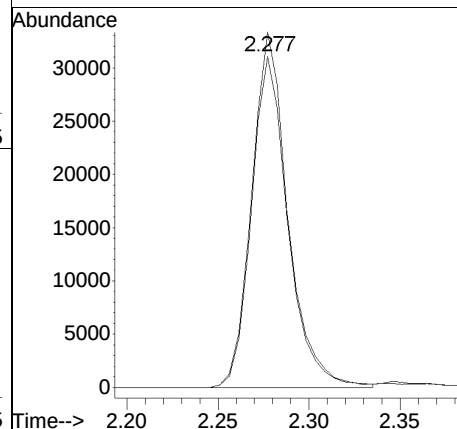
Tgt Ion:	62	64	Ratio	100	32.2	Resp:	59085	Lower	Upper
Ion	62	64	Ratio	100	32.2	Resp:	59085	Lower	Upper

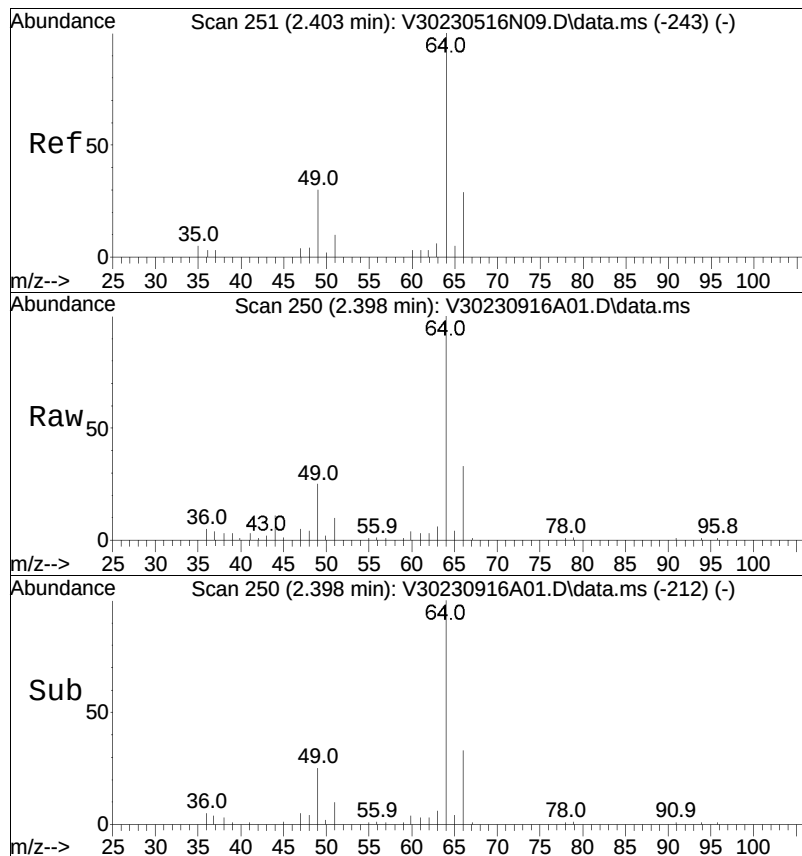




#5
 Bromomethane
 Concen: 8.46 ug/L
 RT: 2.277 min Scan# 227
 Delta R.T. 0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

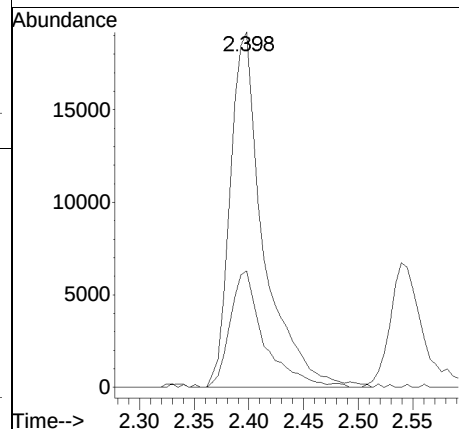
Tgt Ion	Ratio	Lower	Upper
94	100		
96	93.4	73.7	110.5

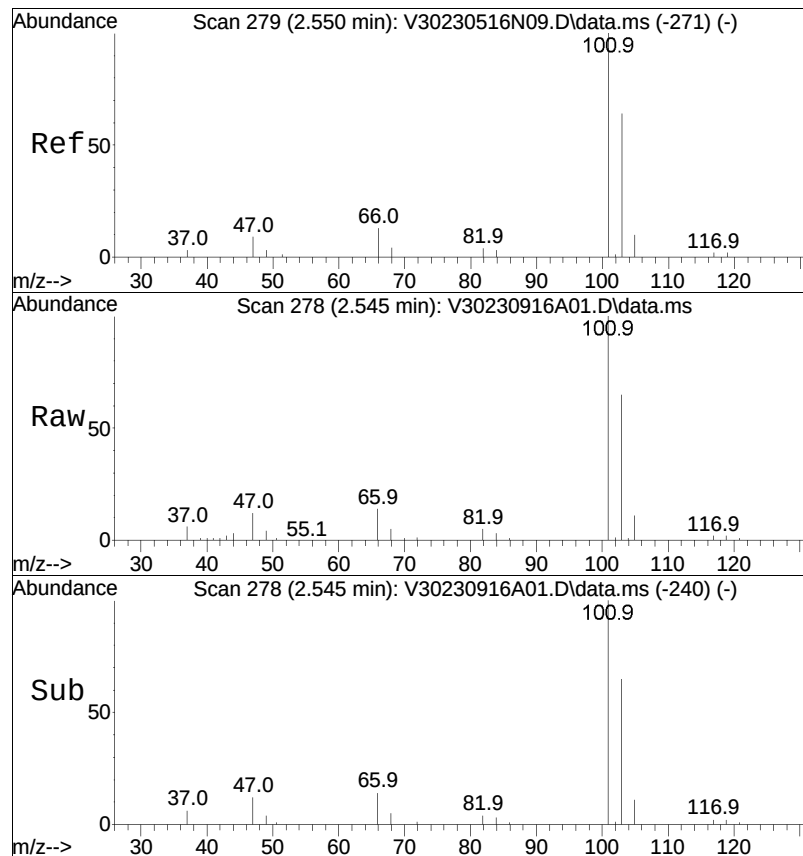




#6
 Chloroethane
 Concen: 11.36 ug/L
 RT: 2.398 min Scan# 250
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

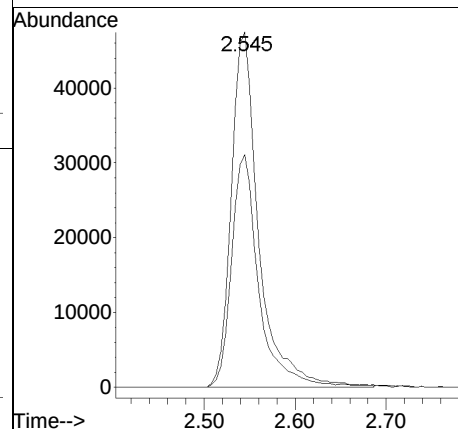
Tgt	Ion	Ratio	Lower	Upper
64	100			
66	33.6	25.3	37.9	

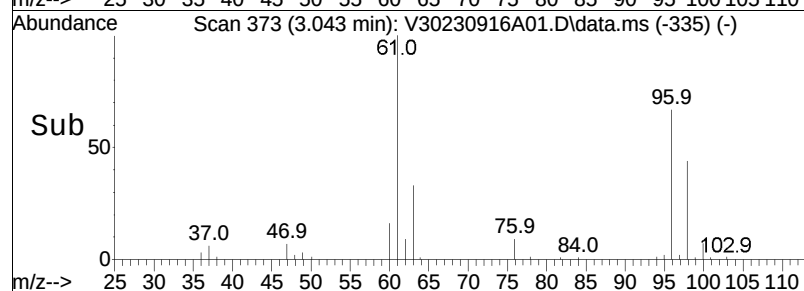
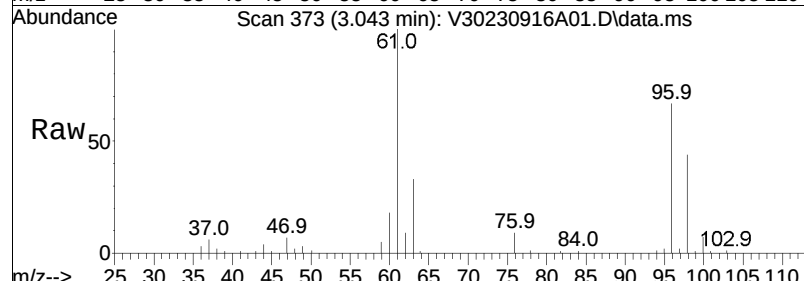
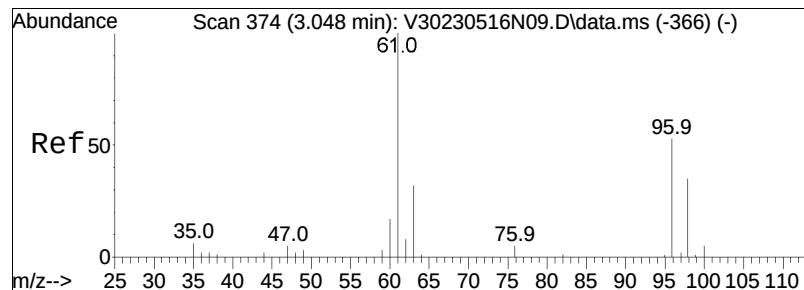




#7
 Trichlorofluoromethane
 Concen: 11.20 ug/L
 RT: 2.545 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

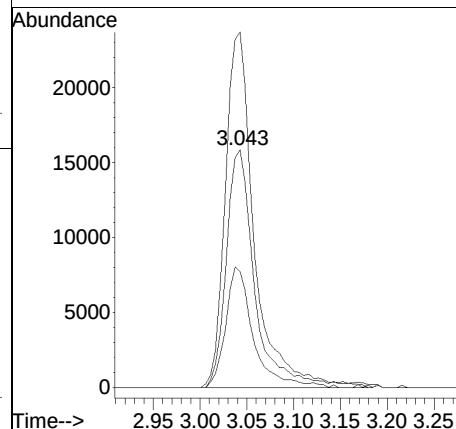
Tgt	Ion	Ratio	Lower	Upper
101	101	100		
103	64.6	51.0	76.4	

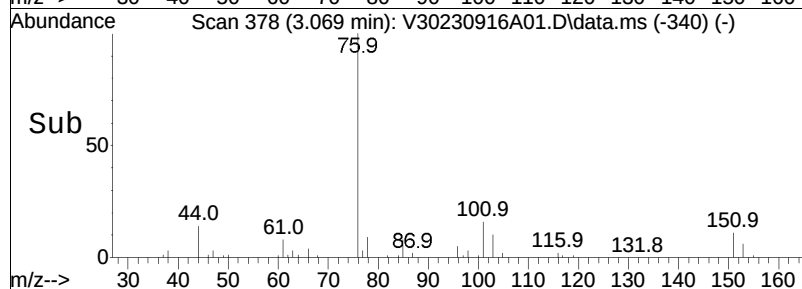
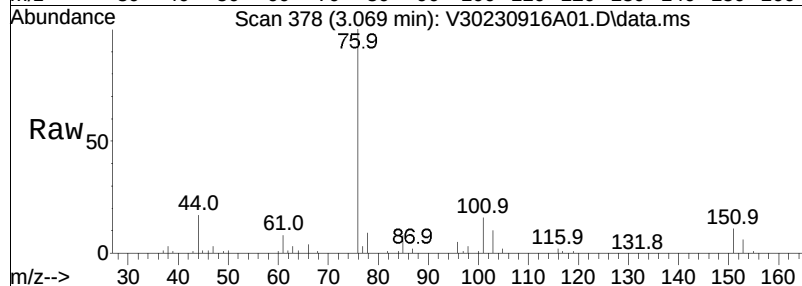
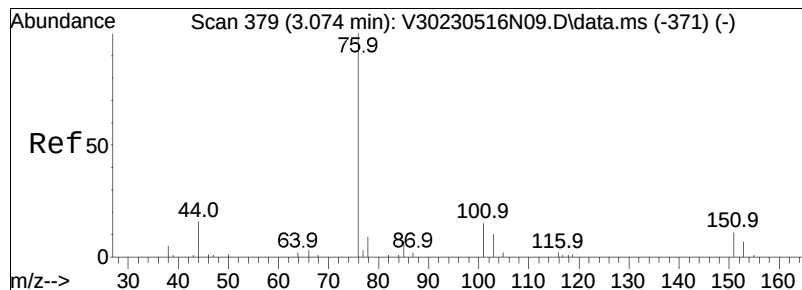




#10
 1,1-Dichloroethene
 Concen: 10.85 ug/L
 RT: 3.043 min Scan# 373
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

Tgt Ion:	96	Resp:	33716
Ion Ratio	Lower	Upper	
96	100		
61	150.5	165.5	248.3#
63	49.1	51.9	77.9#





#11

Carbon disulfide

Concen: 11.40 ug/L

RT: 3.069 min Scan# 378

Delta R.T. -0.000 min

Lab File: V30230916A01.D

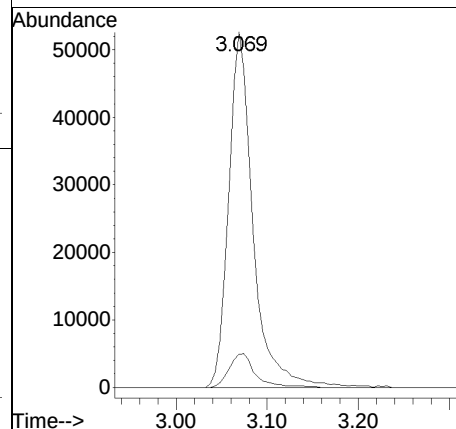
Acq: 16 Sep 2023 12:58 pm

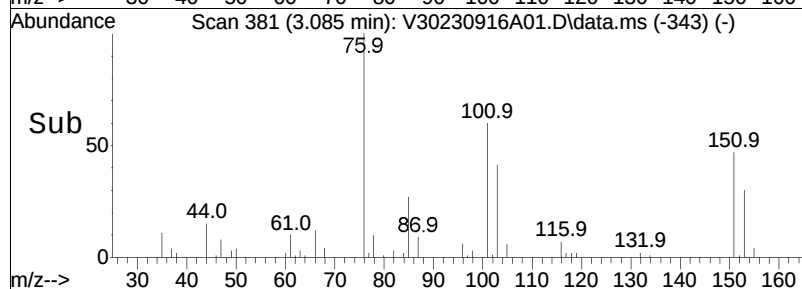
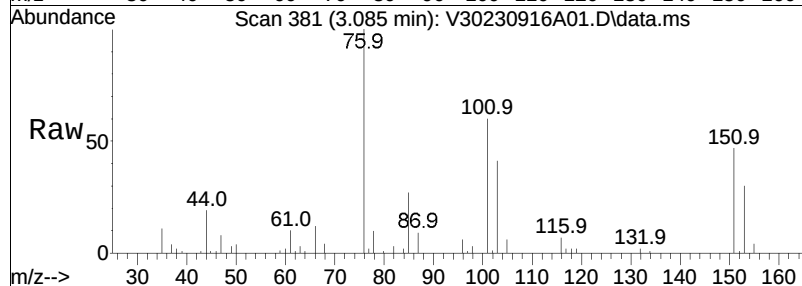
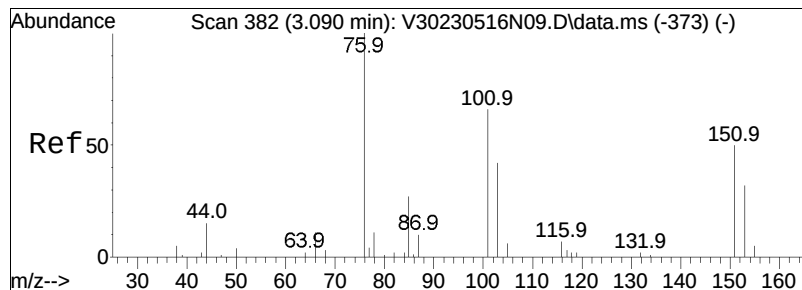
Tgt Ion: 76 Resp: 98014

Ion Ratio Lower Upper

76 100

78 10.2 6.4 13.4





#12

Freon-113

Concen: 10.52 ug/L

RT: 3.085 min Scan# 381

Delta R.T. -0.000 min

Lab File: V30230916A01.D

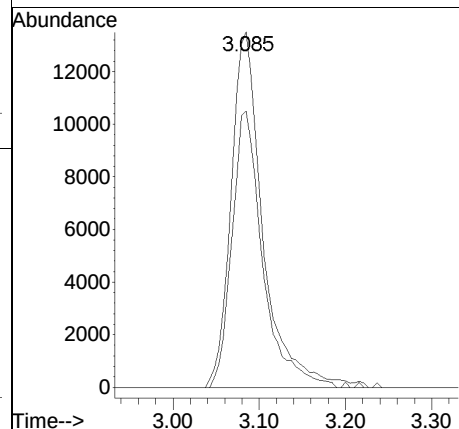
Acq: 16 Sep 2023 12:58 pm

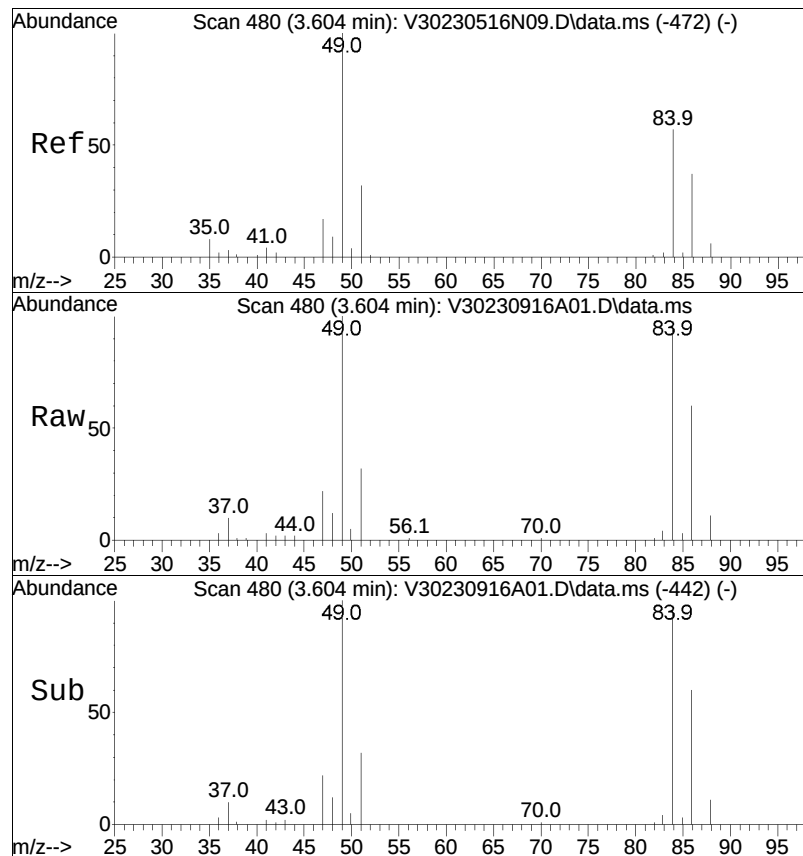
Tgt Ion:101 Resp: 34830

Ion Ratio Lower Upper

101 100

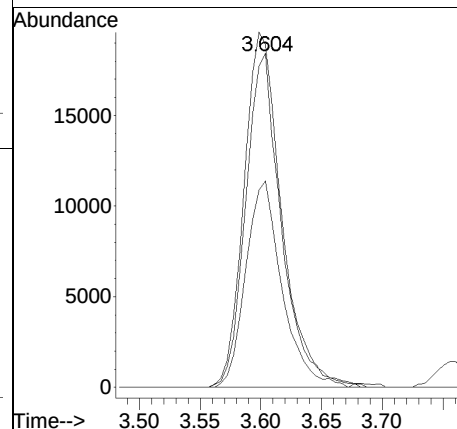
151 75.0 51.9 77.9

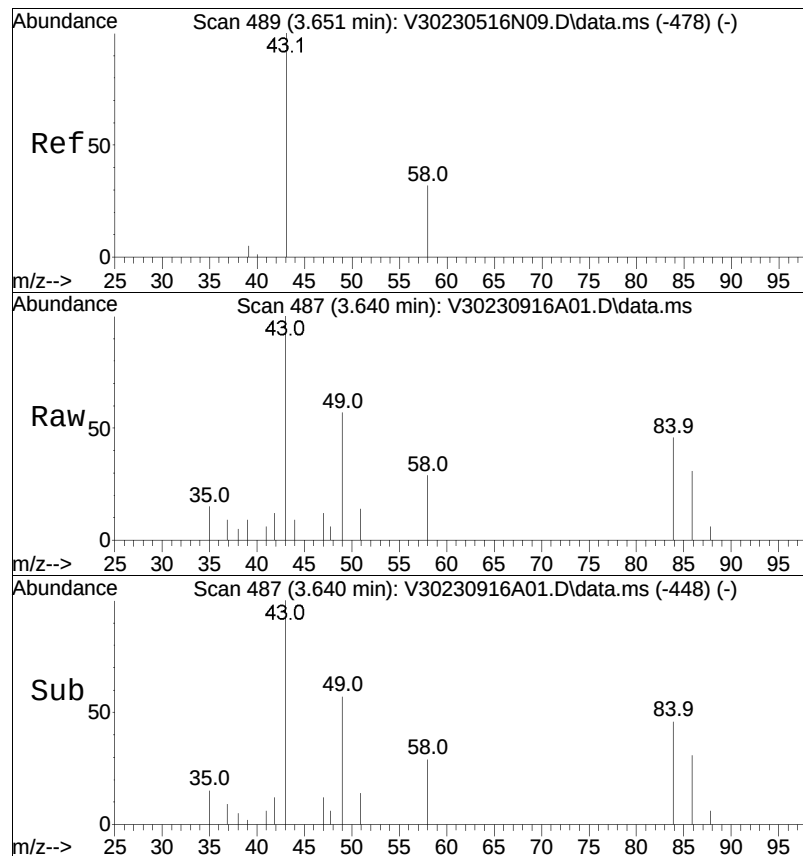




#15
Methylene chloride
Concen: 10.62 ug/L
RT: 3.604 min Scan# 480
Delta R.T. -0.000 min
Lab File: V30230916A01.D
Acq: 16 Sep 2023 12:58 pm

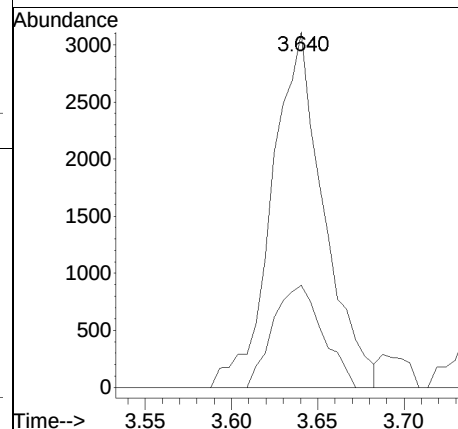
Tgt Ion	Ratio	Lower	Upper
84	100		
86	62.9	41.7	86.5
49	112.8	103.9	215.9

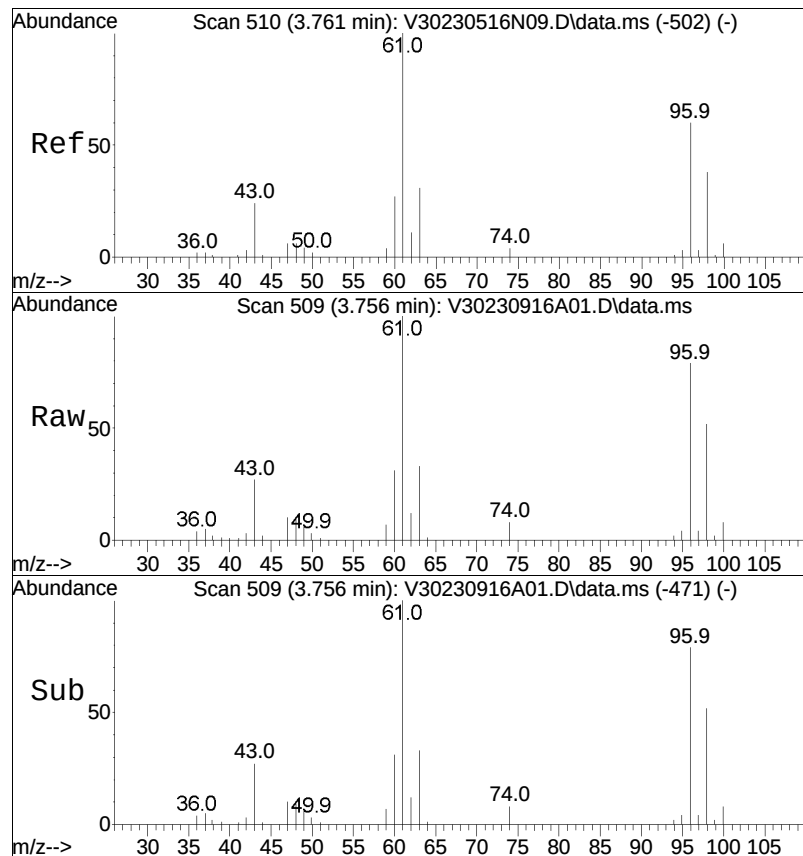




#17
 Acetone
 Concen: 11.40 ug/L
 RT: 3.640 min Scan# 487
 Delta R.T. 0.005 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

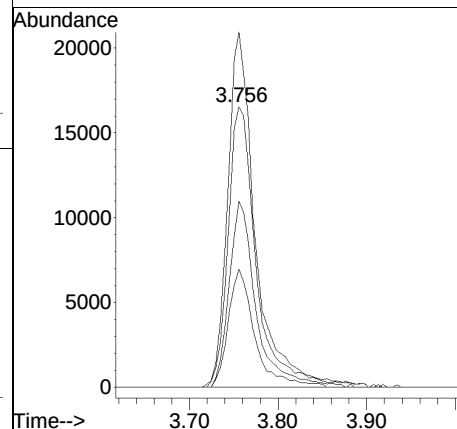
Tgt Ion:	43	58	Ratio	Lower	Upper
Resp:	6515				
Ion Ratio	100	27.5			
			20.1	30.1	

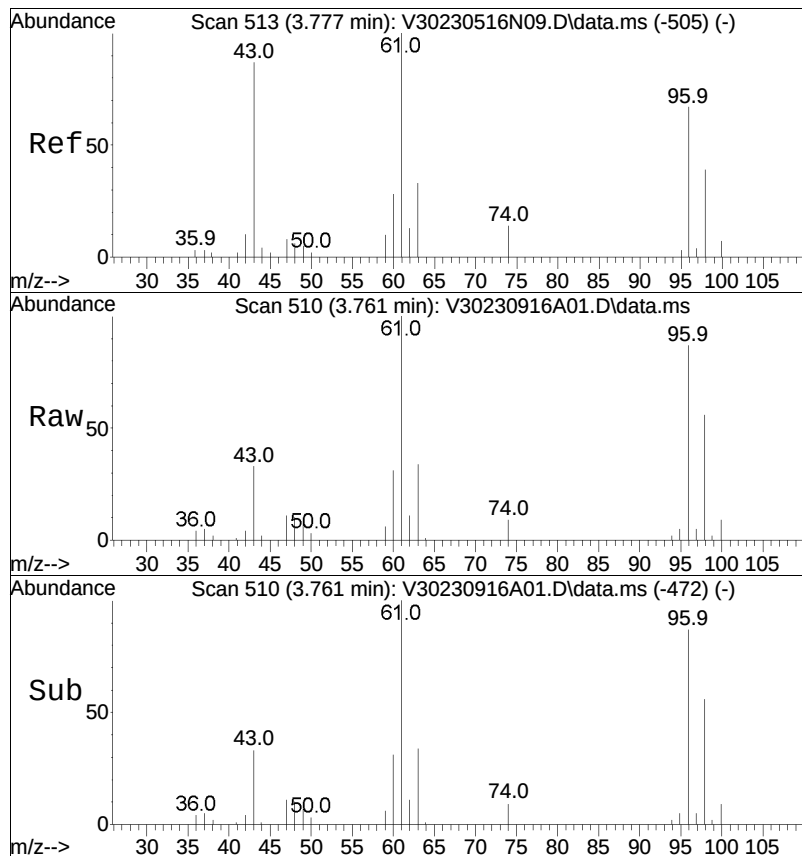




#18
 trans-1,2-Dichloroethene
 Concen: 10.76 ug/L
 RT: 3.756 min Scan# 509
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

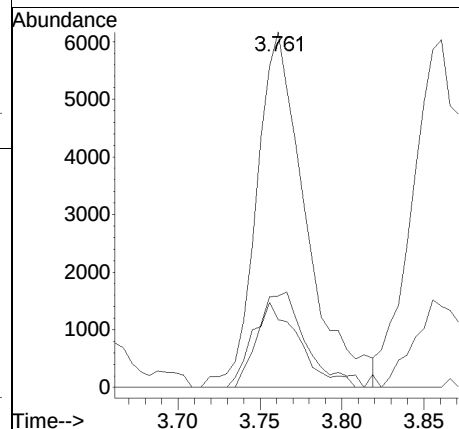
Tgt Ion:	96	Resp:	37301
Ion Ratio	Lower	Upper	
96	100		
61	123.4	113.6	236.0
98	62.7	40.8	84.8
63	39.2	36.5	75.7

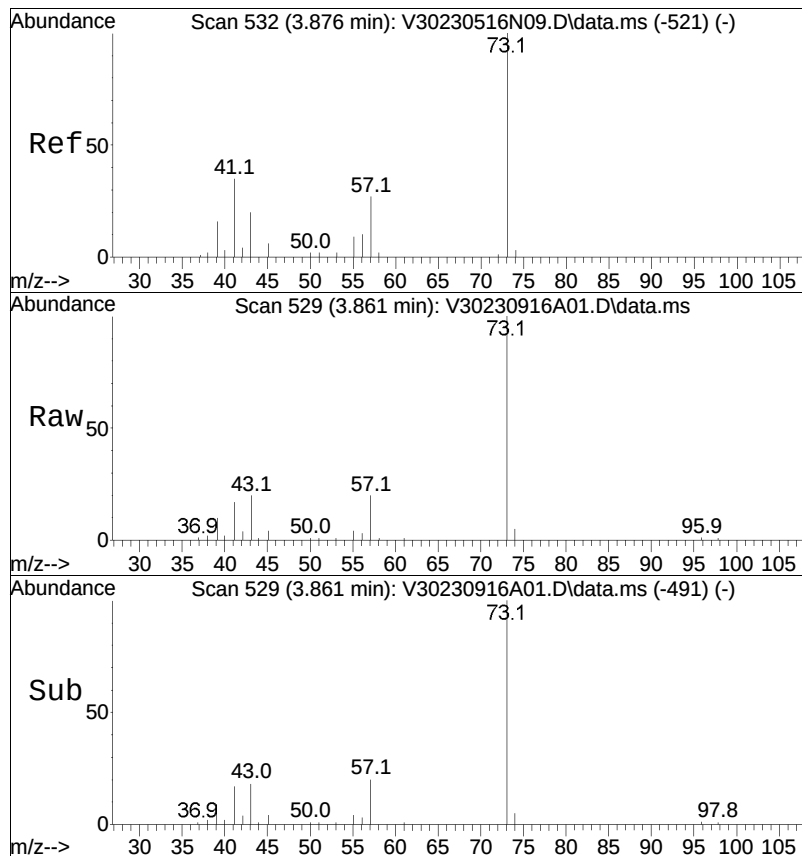




#19
Methyl acetate
Concen: 9.57 ug/L
RT: 3.761 min Scan# 510
Delta R.T. 0.000 min
Lab File: V30230916A01.D
Acq: 16 Sep 2023 12:58 pm

Tgt Ion:	43	Resp:	12897
Ion Ratio	Lower	Upper	
43	100		
74	26.1	14.6	22.0#
59	22.8	9.3	13.9#





#21

Methyl tert-butyl ether

Concen: 10.04 ug/L

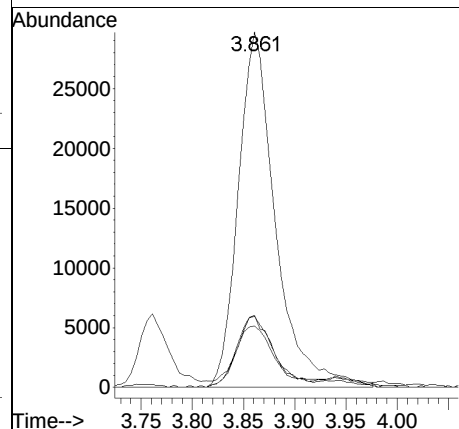
RT: 3.861 min Scan# 529

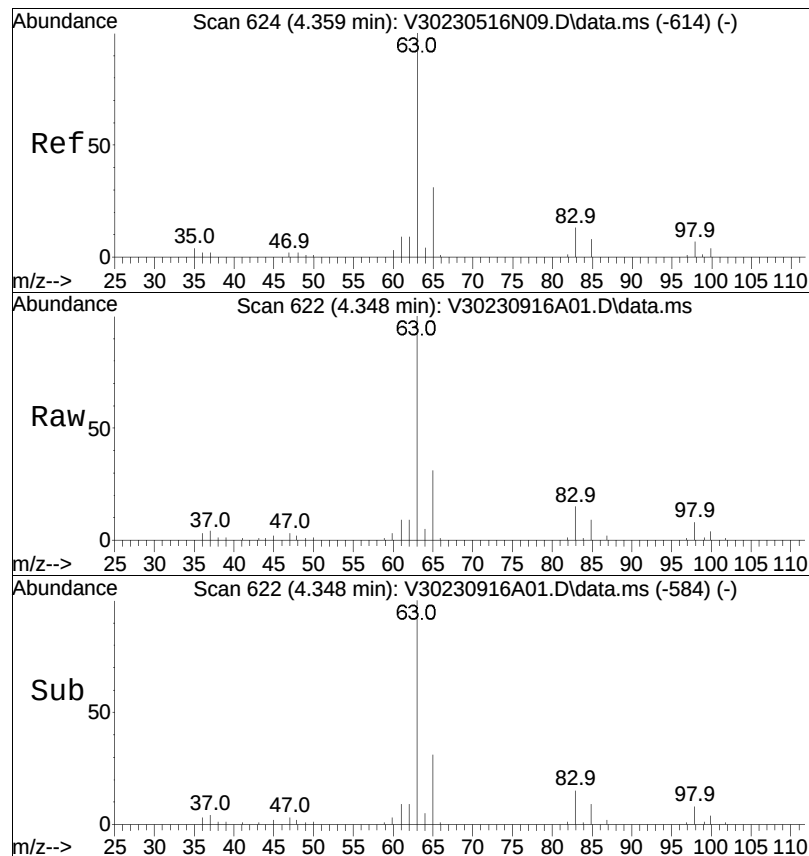
Delta R.T. -0.000 min

Lab File: V30230916A01.D

Acq: 16 Sep 2023 12:58 pm

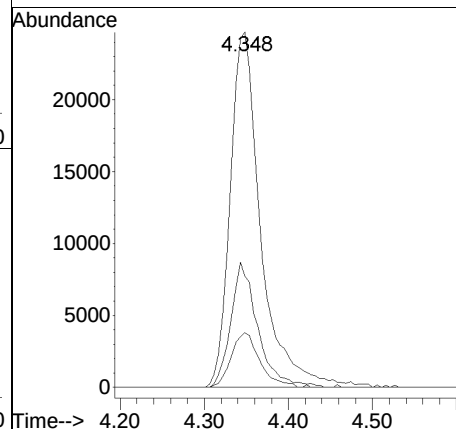
Tgt Ion:	73	Resp:	75215
Ion	Ratio	Lower	Upper
73	100		
57	19.9	15.5	32.1
43	20.8	16.6	34.6
41	18.0	17.2	35.6

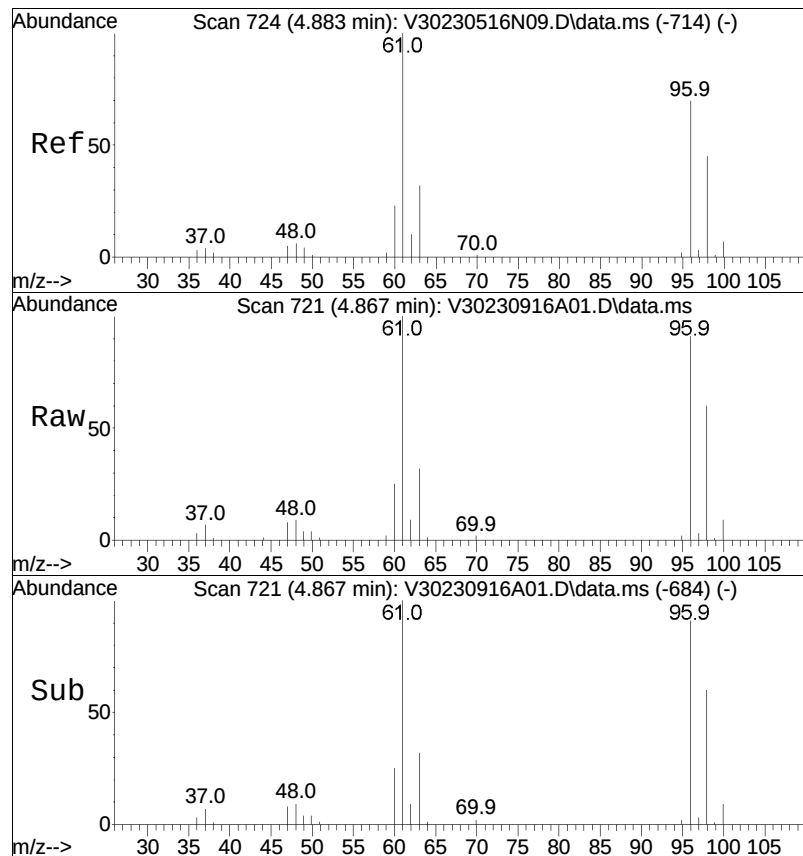




#25
 1,1-Dichloroethane
 Concen: 10.42 ug/L
 RT: 4.348 min Scan# 622
 Delta R.T. 0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

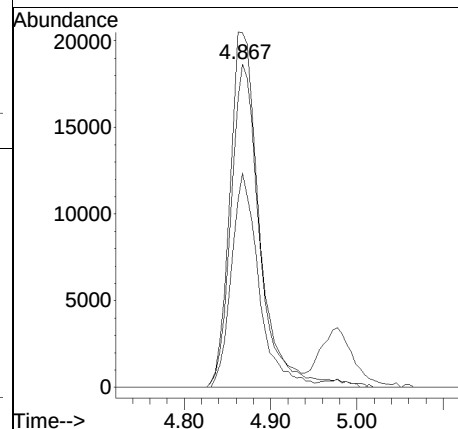
Tgt Ion:	63	Resp:	62656
Ion Ratio	Lower	Upper	
63	100		
65	31.1	24.5	36.7
83	14.4	8.9	13.3#

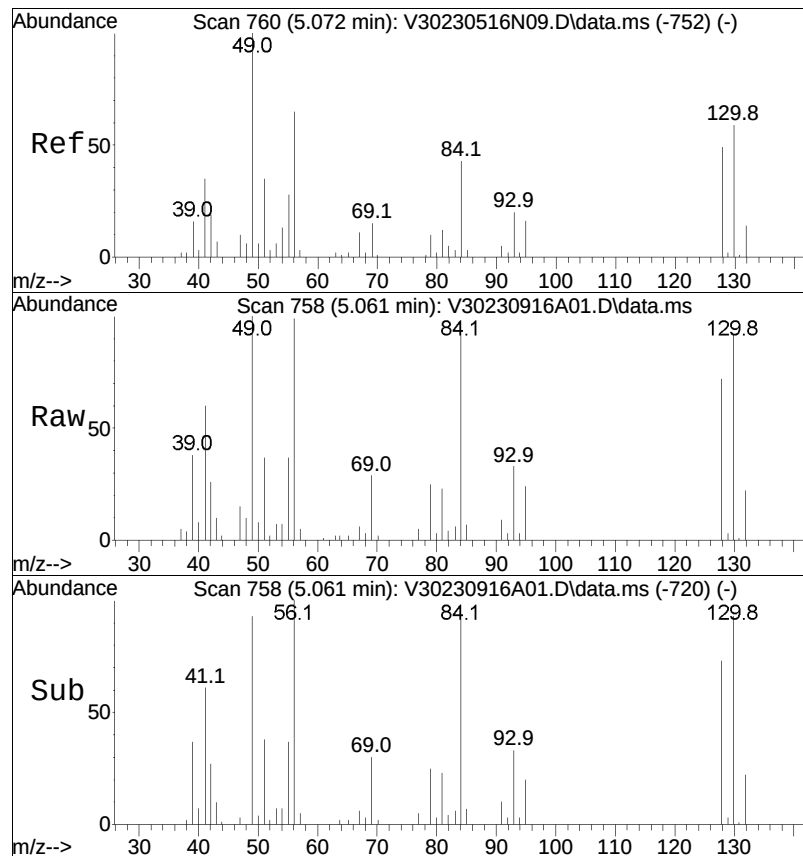




#30
 cis-1,2-Dichloroethene
 Concen: 11.10 ug/L
 RT: 4.867 min Scan# 721
 Delta R.T. -0.005 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

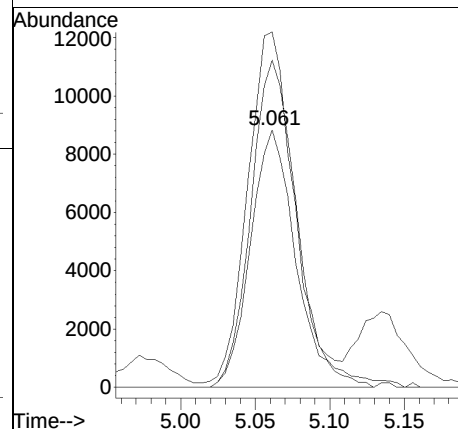
Tgt Ion:	96	Resp:	43878
Ion Ratio	Lower	Upper	
96	100		
61	109.1	129.3	193.9#
98	62.7	51.4	77.2

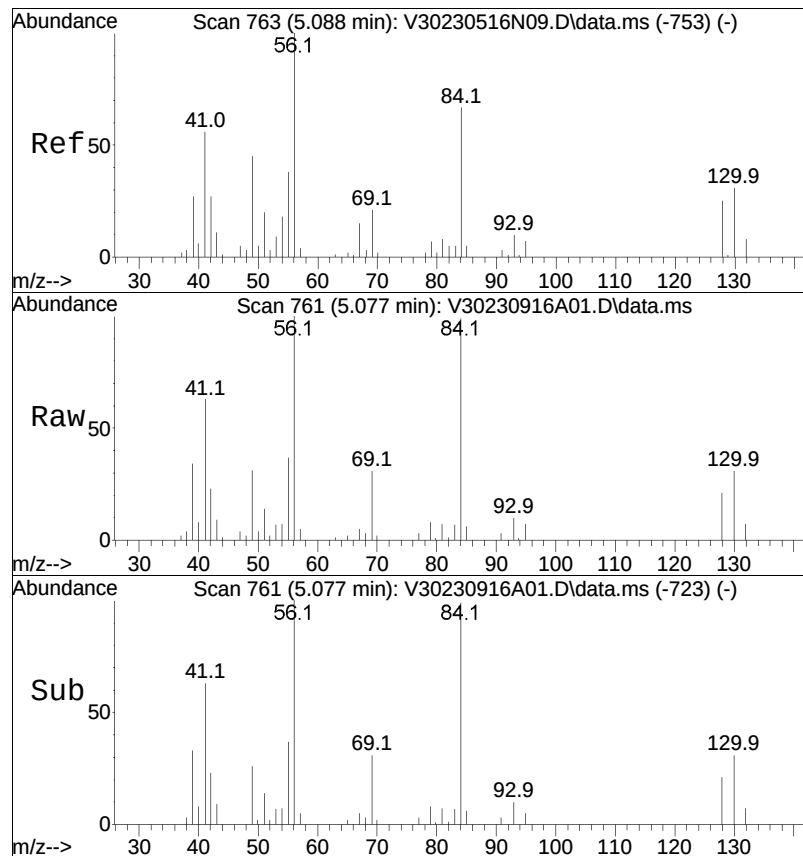




#33
 Bromochloromethane
 Concen: 9.88 ug/L
 RT: 5.061 min Scan# 758
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

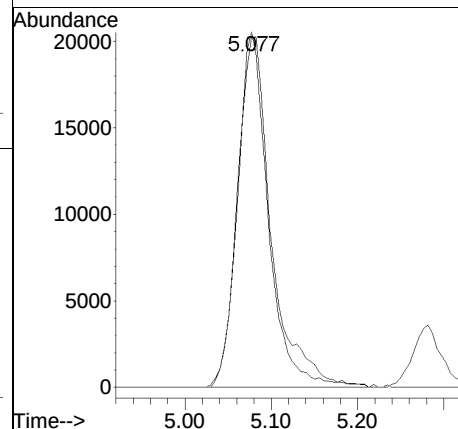
Tgt Ion:	128	Resp:	18754
Ion Ratio	Lower	Upper	
128	100		
49	142.8	214.8	322.2#
130	130.7	105.4	158.2

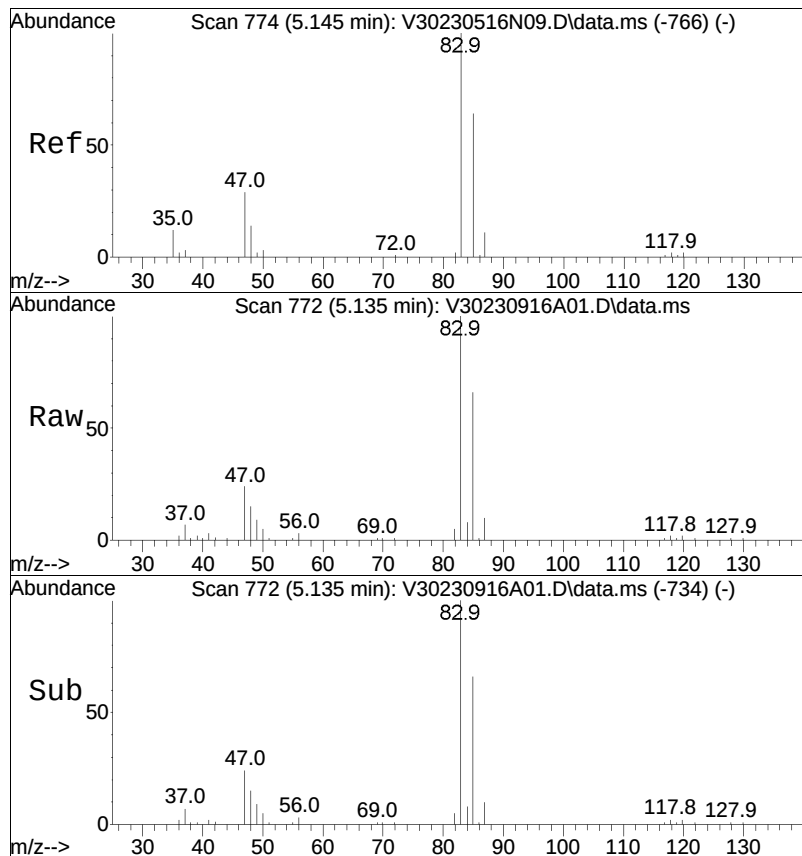




#34
 Cyclohexane
 Concen: 10.24 ug/L
 RT: 5.077 min Scan# 761
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

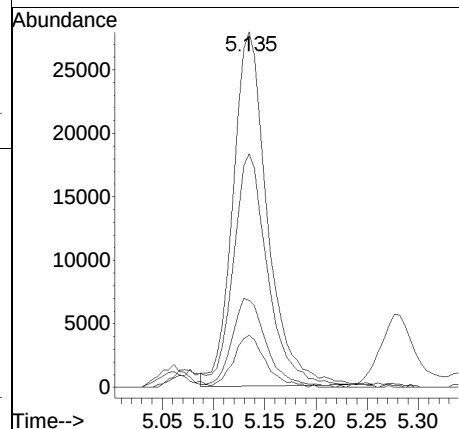
Tgt	Ion	Resp	Lower	Upper
56	100	51540		
84	107.0	49.9	103.5#	

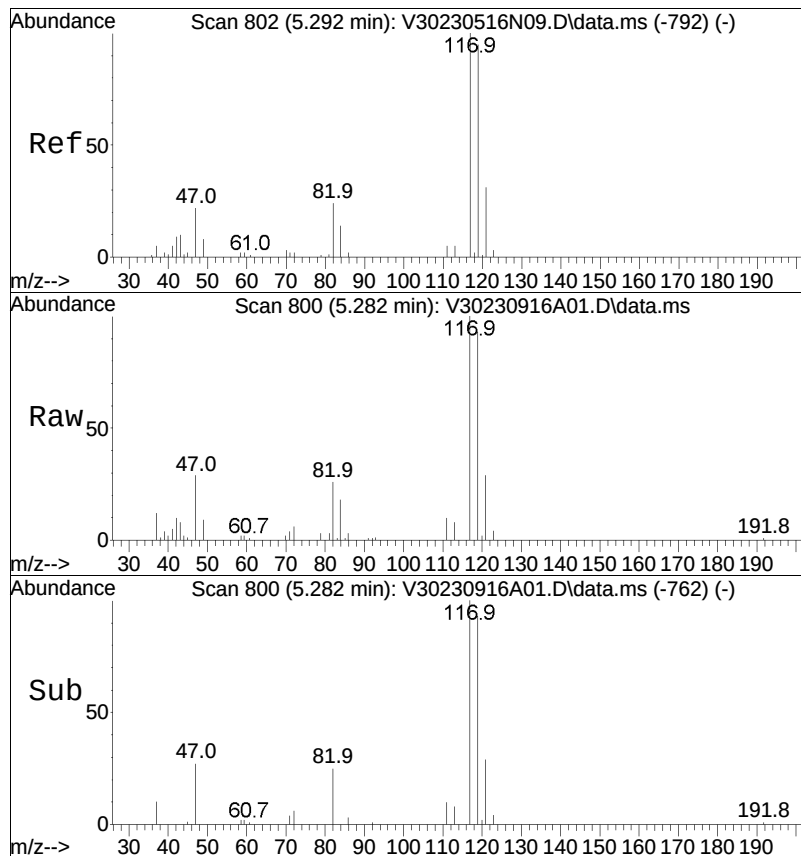




#35
 Chloroform
 Concen: 10.23 ug/L
 RT: 5.135 min Scan# 772
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

Tgt Ion:	83	Resp:	65485
Ion Ratio	Lower	Upper	
83	100		
85	67.0	41.4	86.0
47	25.3	20.5	42.5
48	13.9	9.9	20.5





#37

Carbon tetrachloride

Concen: 9.91 ug/L

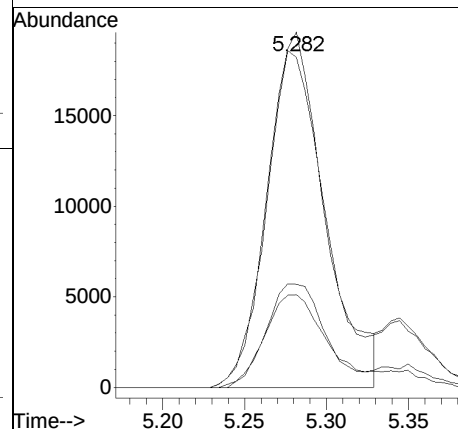
RT: 5.282 min Scan# 800

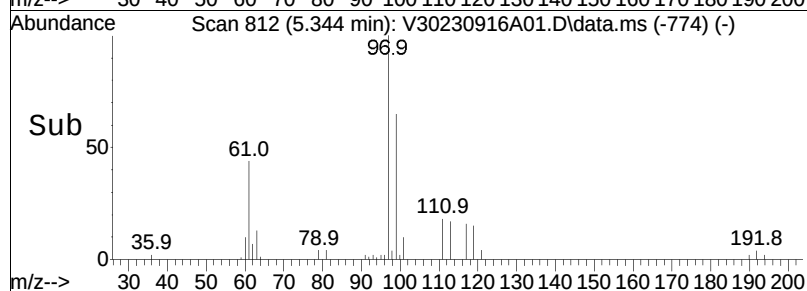
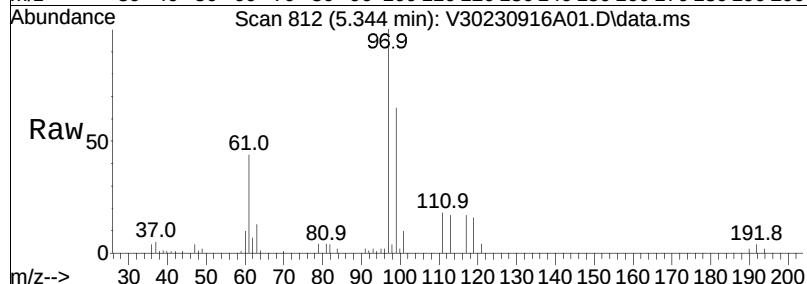
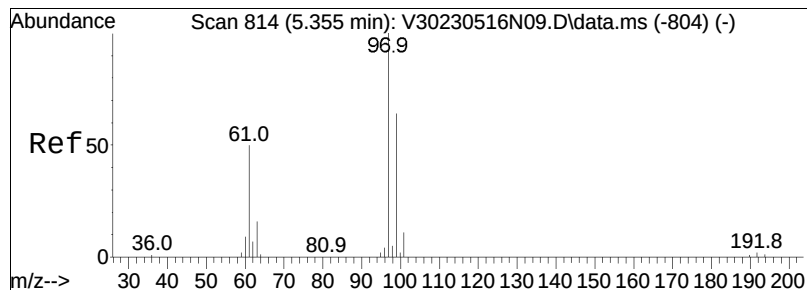
Delta R.T. -0.000 min

Lab File: V30230916A01.D

Acq: 16 Sep 2023 12:58 pm

Tgt Ion:	117	Resp:	47681
Ion Ratio	Lower	Upper	
117	100		
119	95.8	62.0	128.8
121	30.2	19.6	40.6
82	29.0	18.8	39.0





#40

1,1,1-Trichloroethane

Concen: 10.08 ug/L

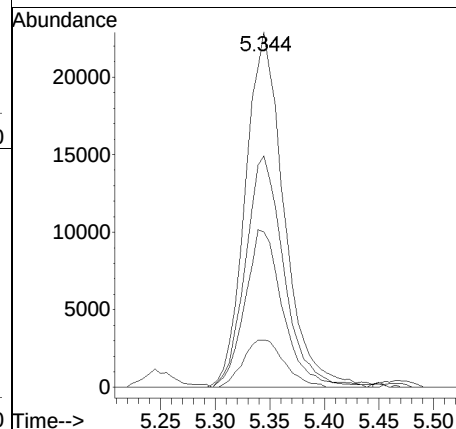
RT: 5.344 min Scan# 812

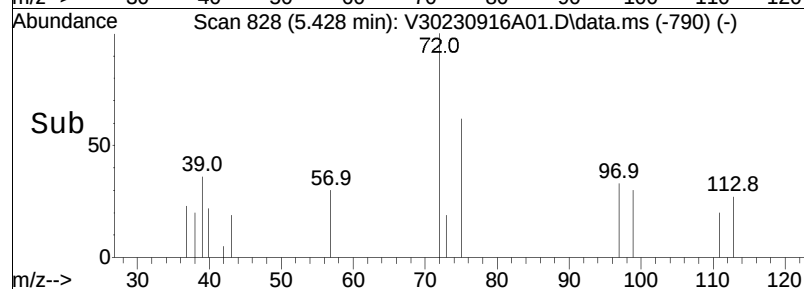
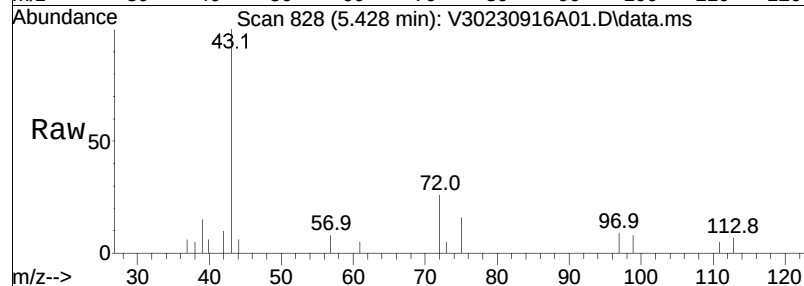
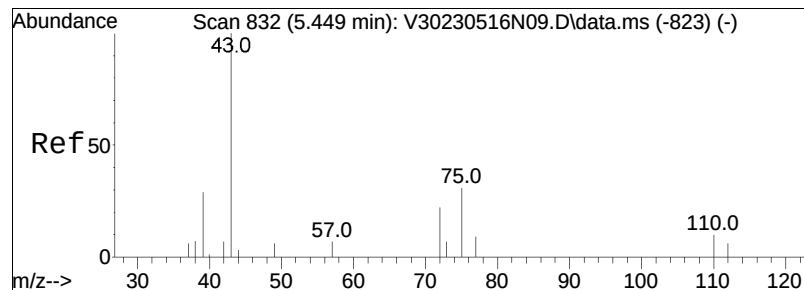
Delta R.T. -0.000 min

Lab File: V30230916A01.D

Acq: 16 Sep 2023 12:58 pm

Tgt Ion:	97	Resp:	56581
Ion Ratio	Lower	Upper	
97	100		
99	64.9	40.6	84.4
61	44.0	35.0	72.8
63	14.3	11.1	23.0





#42

2-Butanone

Concen: 9.52 ug/L

RT: 5.428 min Scan# 828

Delta R.T. -0.000 min

Lab File: V30230916A01.D

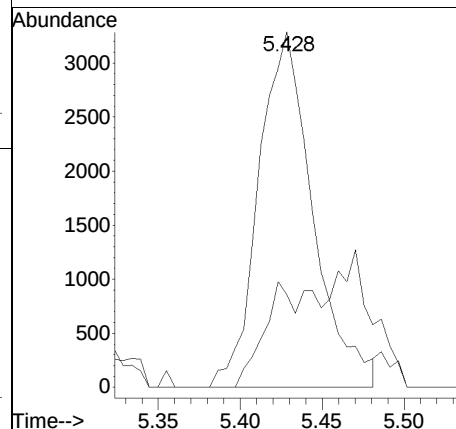
Acq: 16 Sep 2023 12:58 pm

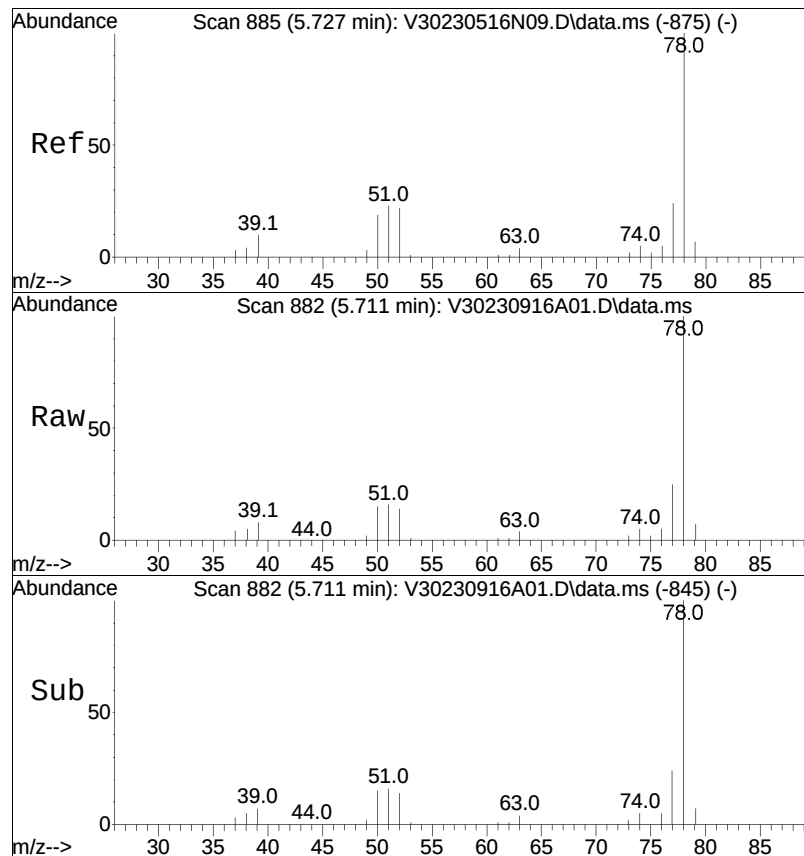
Tgt Ion: 43 Resp: 7574

Ion Ratio Lower Upper

43 100

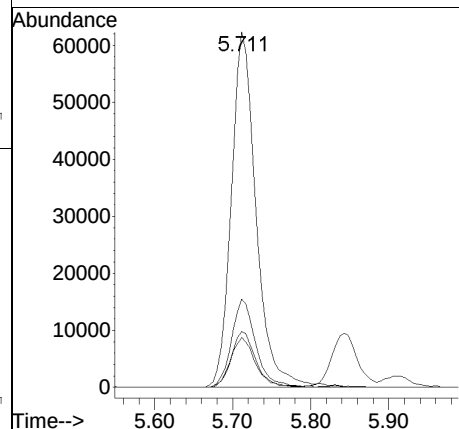
72 16.8 18.2 27.4#

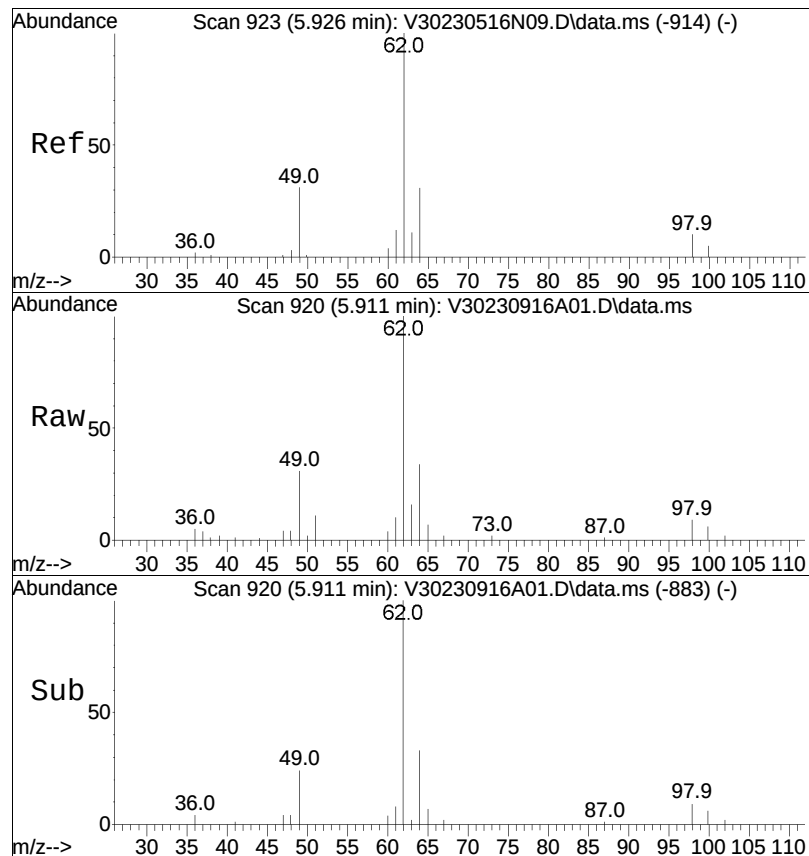




#45
Benzene
Concen: 10.81 ug/L
RT: 5.711 min Scan# 882
Delta R.T. -0.005 min
Lab File: V30230916A01.D
Acq: 16 Sep 2023 12:58 pm

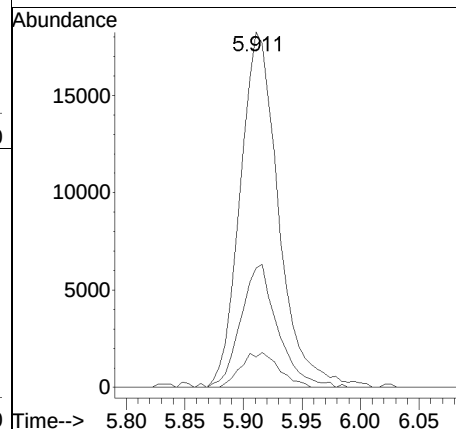
Tgt Ion:	78	Resp:	138260
Ion Ratio	Lower	Upper	
78	100		
77	24.3	15.6	32.4
51	15.7	12.9	26.7
52	13.9	12.4	25.7

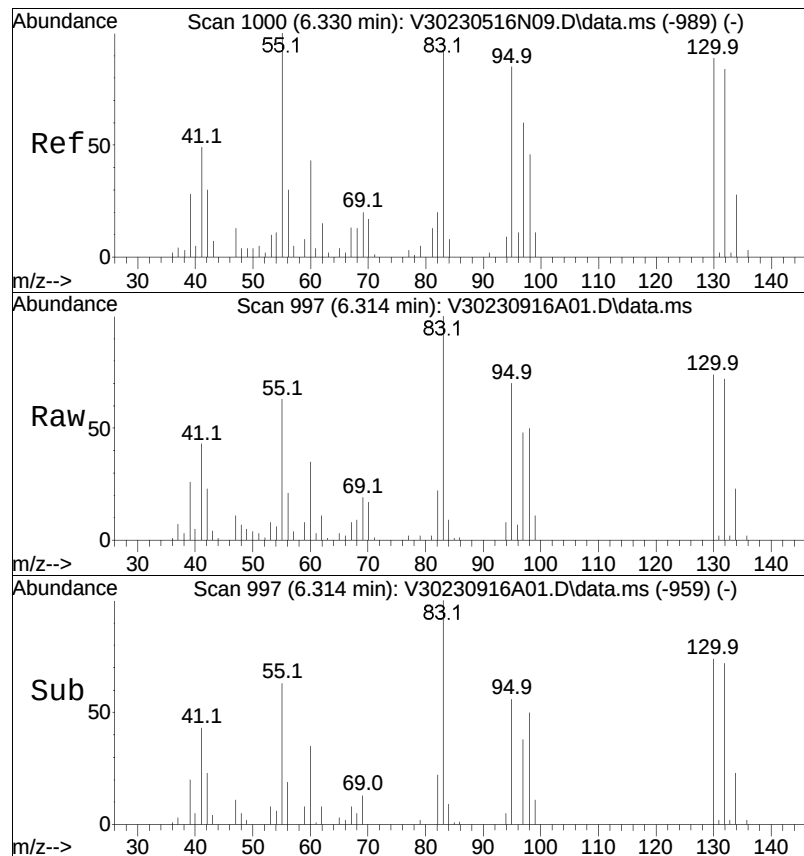




#48
 1,2-Dichloroethane
 Concen: 9.73 ug/L
 RT: 5.911 min Scan# 920
 Delta R.T. -0.005 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

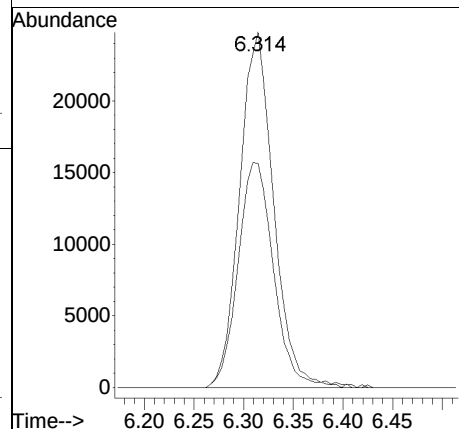
Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.5	25.5	38.3
98	9.8	5.5	8.3#

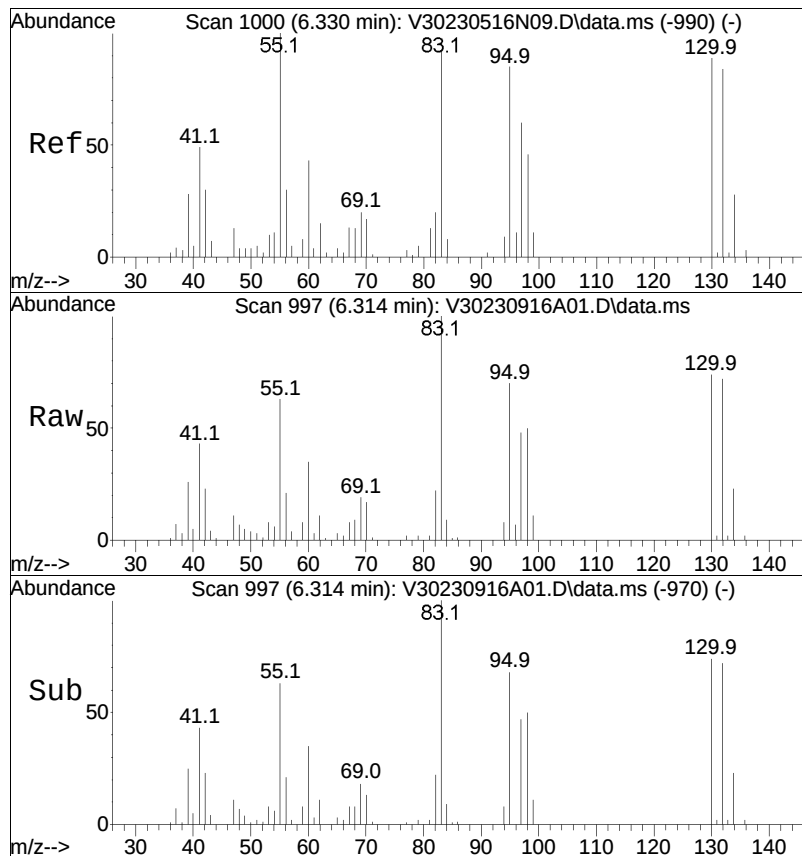




#51
Methyl cyclohexane
Concen: 10.54 ug/L
RT: 6.314 min Scan# 997
Delta R.T. -0.000 min
Lab File: V30230916A01.D
Acq: 16 Sep 2023 12:58 pm

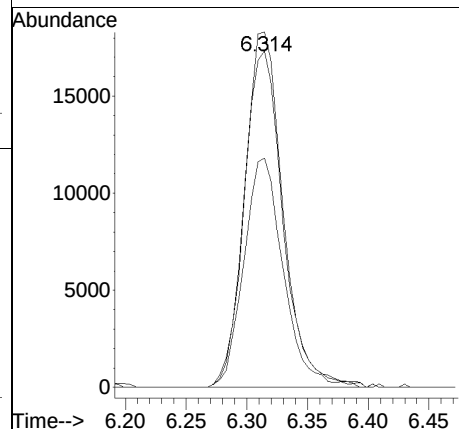
Tgt Ion:	83	Resp:	59147
Ion Ratio	Lower	Upper	
83	100		
55	66.1	74.6	112.0#

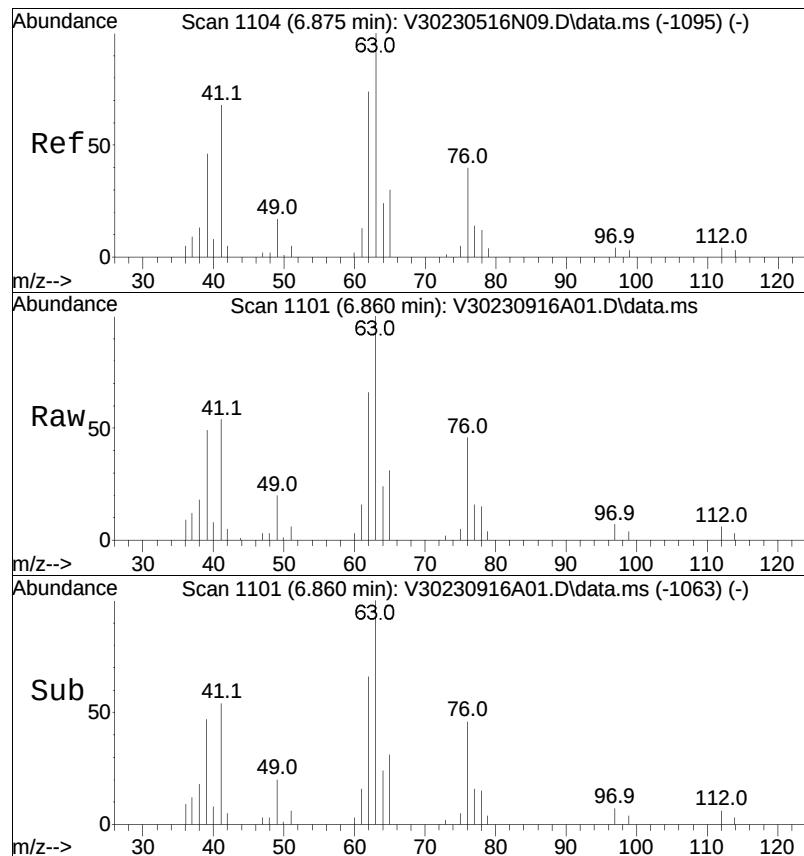




#52
 Trichloroethene
 Concen: 10.15 ug/L
 RT: 6.314 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

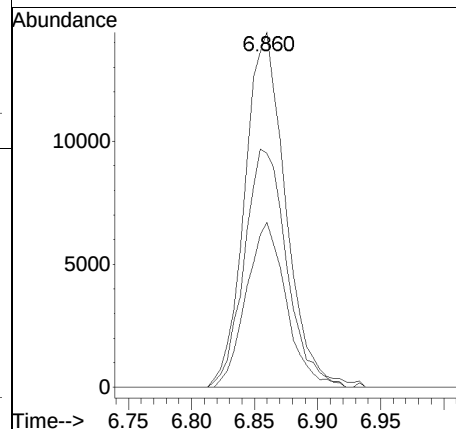
Tgt Ion	Ratio	Lower	Upper
95	100		
97	69.2	53.8	80.6
130	104.6	71.4	107.0

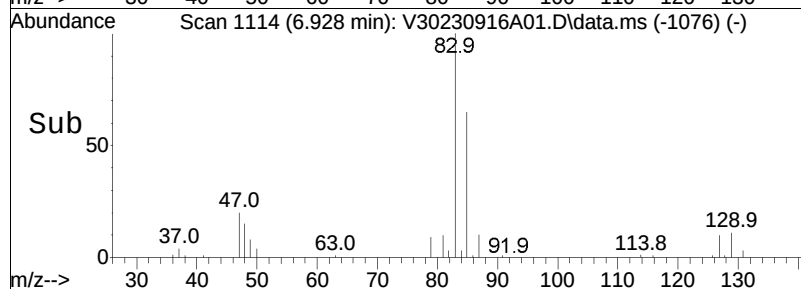
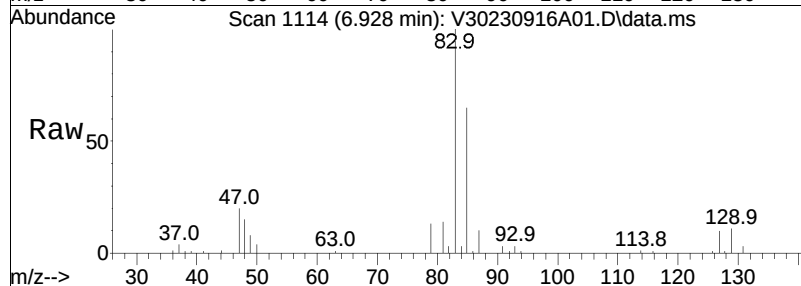
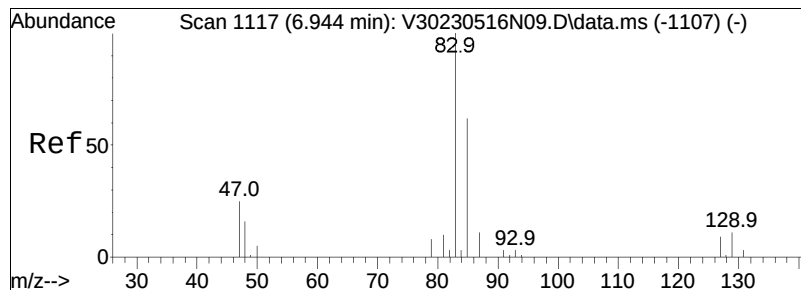




#55
 1,2-Dichloropropane
 Concen: 10.49 ug/L
 RT: 6.860 min Scan# 1101
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

Tgt	Ion: 63	Resp:	32609
Ion	Ratio	Lower	Upper
63	100		
62	69.6	58.1	87.1
76	45.5	30.4	45.6





#58

Bromodichloromethane

Concen: 10.05 ug/L

RT: 6.928 min Scan# 1114

Delta R.T. -0.000 min

Lab File: V30230916A01.D

Acq: 16 Sep 2023 12:58 pm

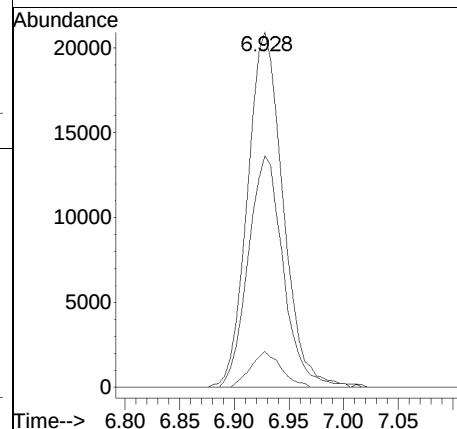
Tgt Ion: 83 Resp: 47502

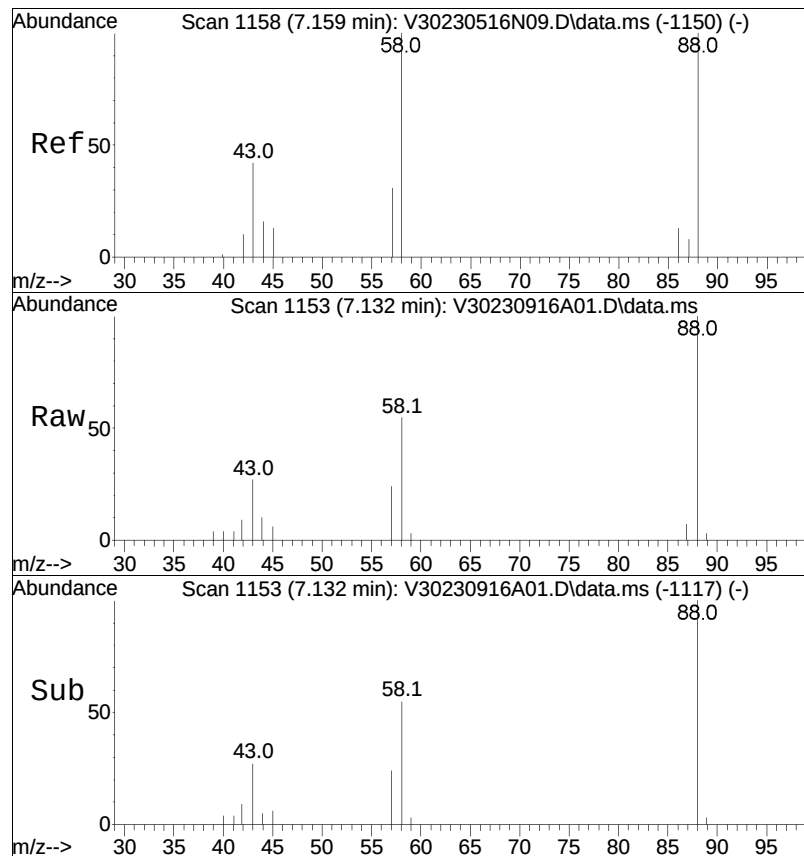
Ion Ratio Lower Upper

83 100

85 64.5 50.2 75.2

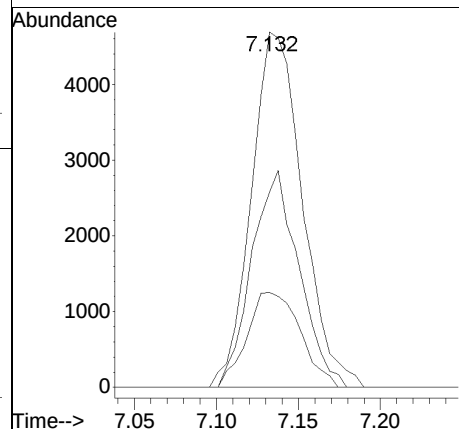
127 8.7 5.2 7.8#

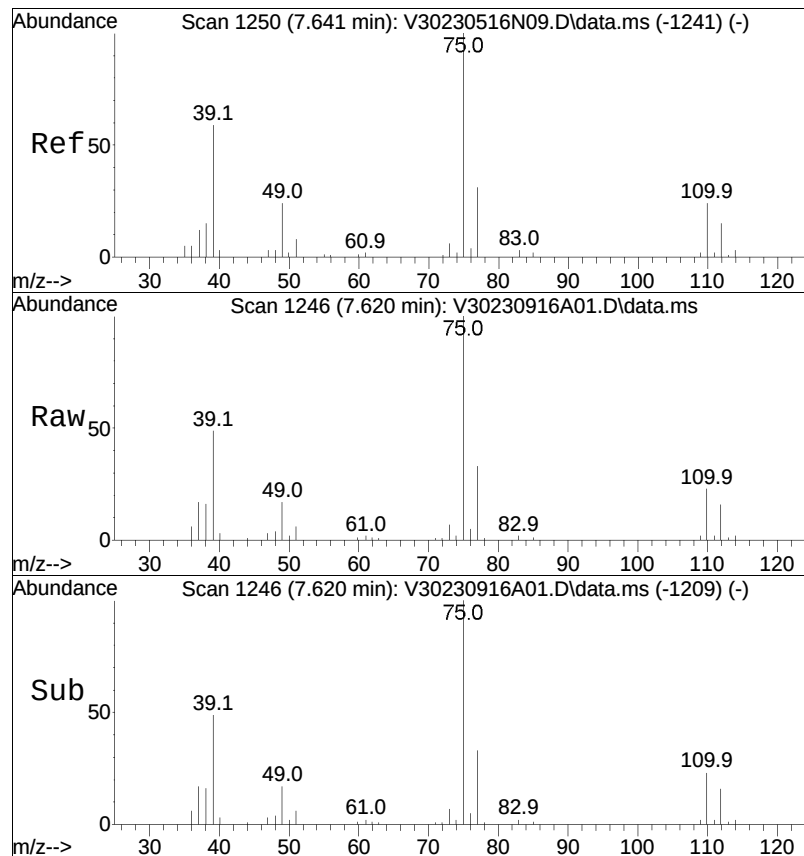




#61
 1,4-Dioxane
 Concen: 446.93 ug/L
 RT: 7.132 min Scan# 1153
 Delta R.T. -0.011 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

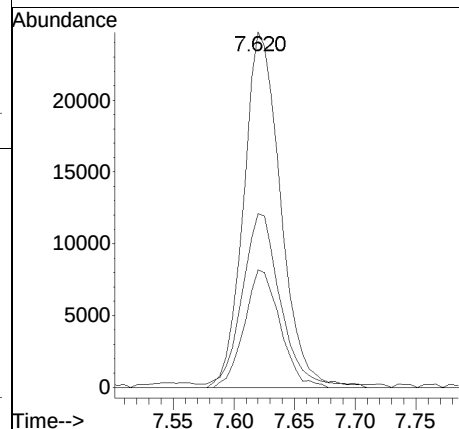
Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.6	59.9	89.9#
43	27.9	30.8	46.2#

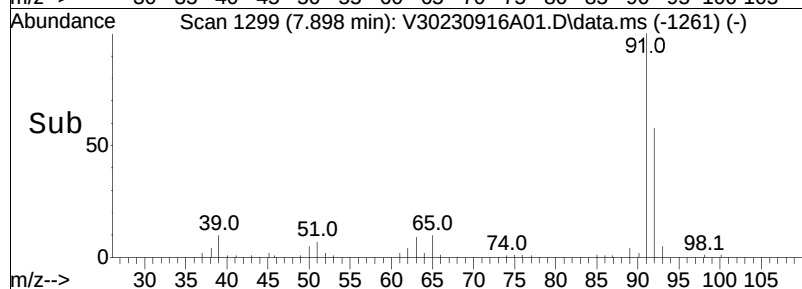
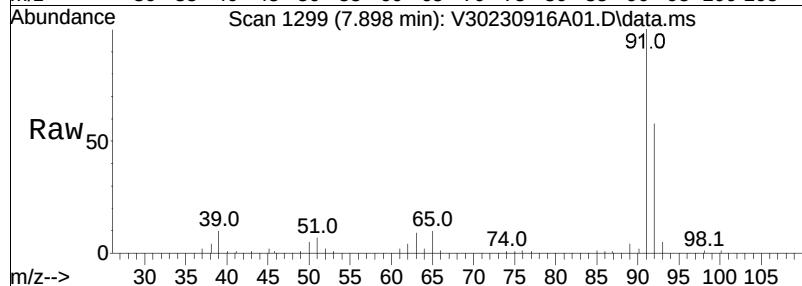
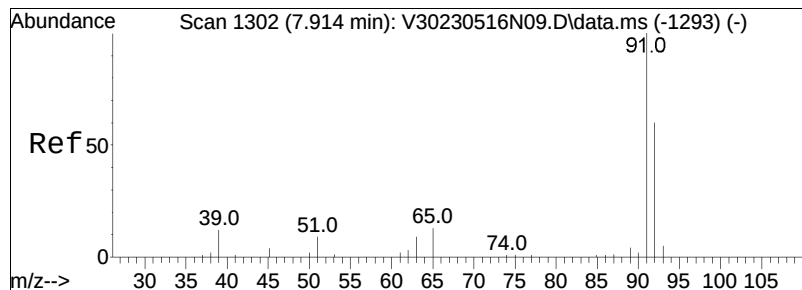




#62
 cis-1,3-Dichloropropene
 Concen: 10.29 ug/L
 RT: 7.620 min Scan# 1246
 Delta R.T. -0.005 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

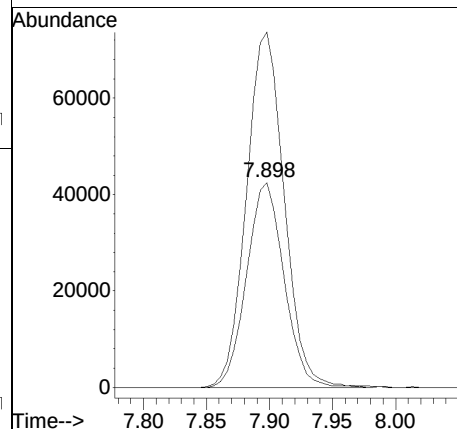
Tgt Ion:	75	Resp:	52280
Ion Ratio	Lower	Upper	
75	100		
77	32.0	25.4	38.2
39	49.3	54.6	82.0#

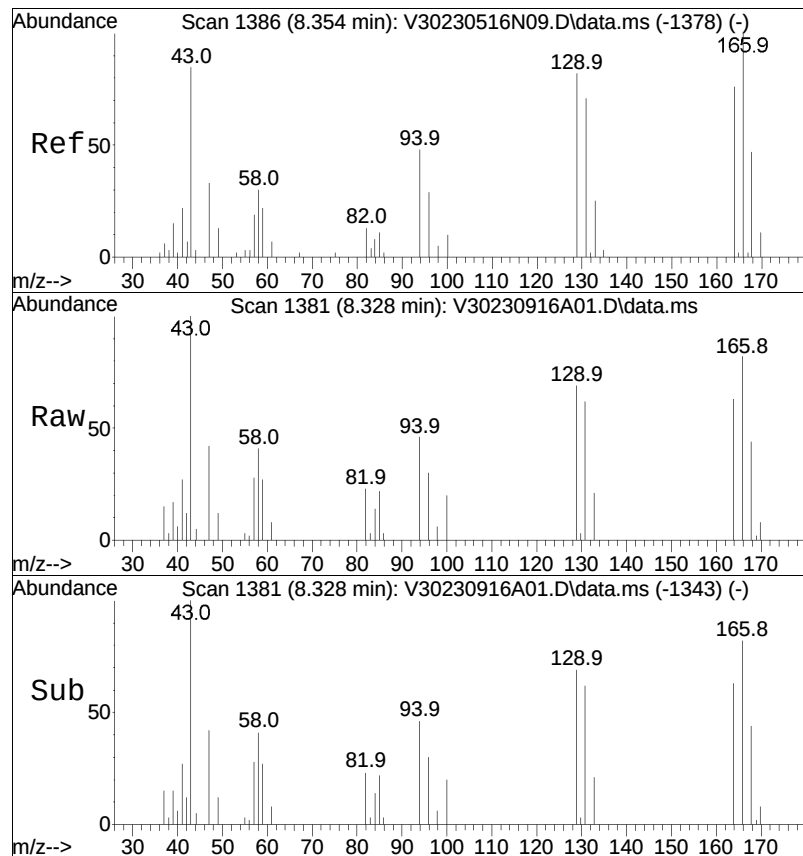




#65
Toluene
Concen: 10.59 ug/L
RT: 7.898 min Scan# 1299
Delta R.T. -0.000 min
Lab File: V30230916A01.D
Acq: 16 Sep 2023 12:58 pm

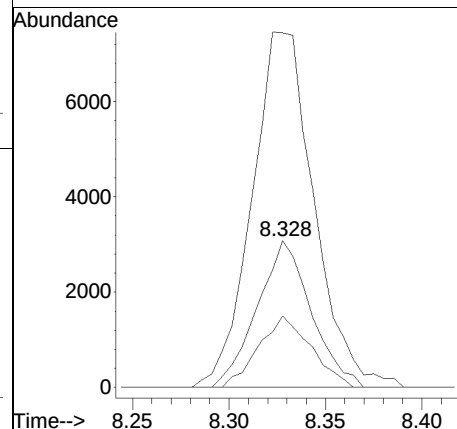
Tgt	Ion	Resp	Lower	Upper
92	100			
91	174.9	137.5	206.3	

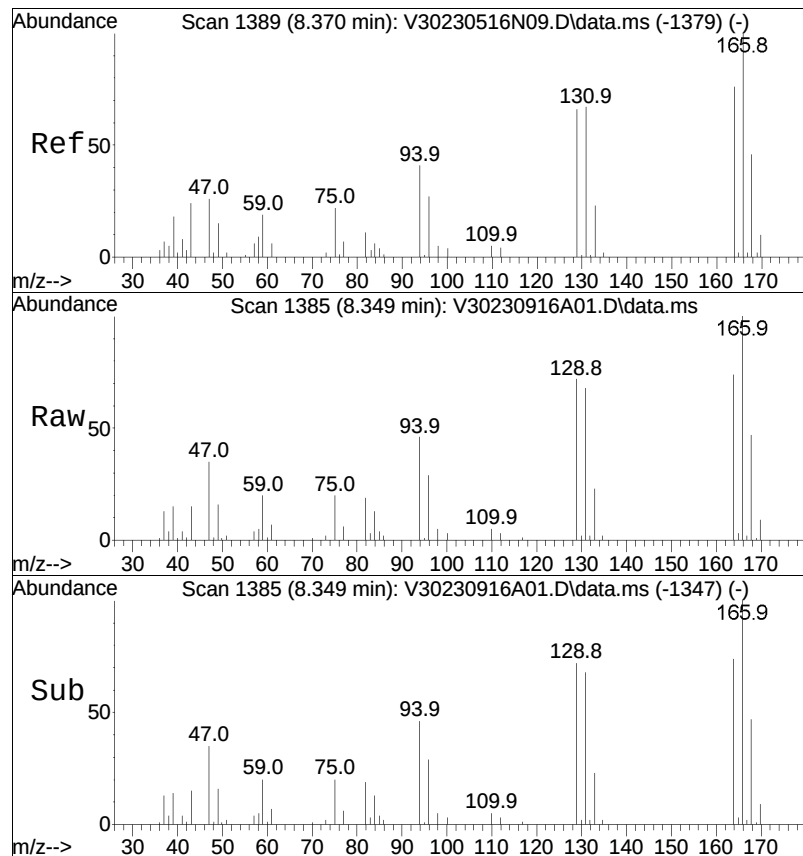




#66
 4-Methyl-2-pentanone
 Concen: 8.87 ug/L
 RT: 8.328 min Scan# 1381
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

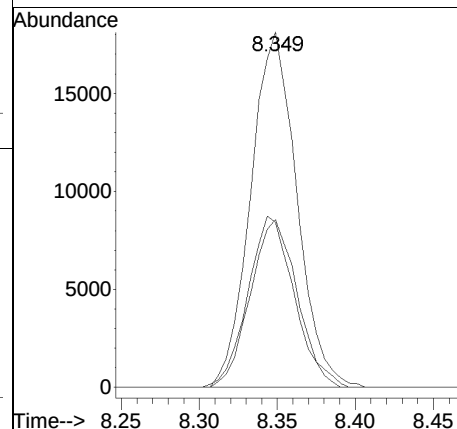
Tgt	Ion	Ratio	Lower	Upper
58	100			
100	47.2	22.6	34.0#	
43	278.7	234.6	351.8	

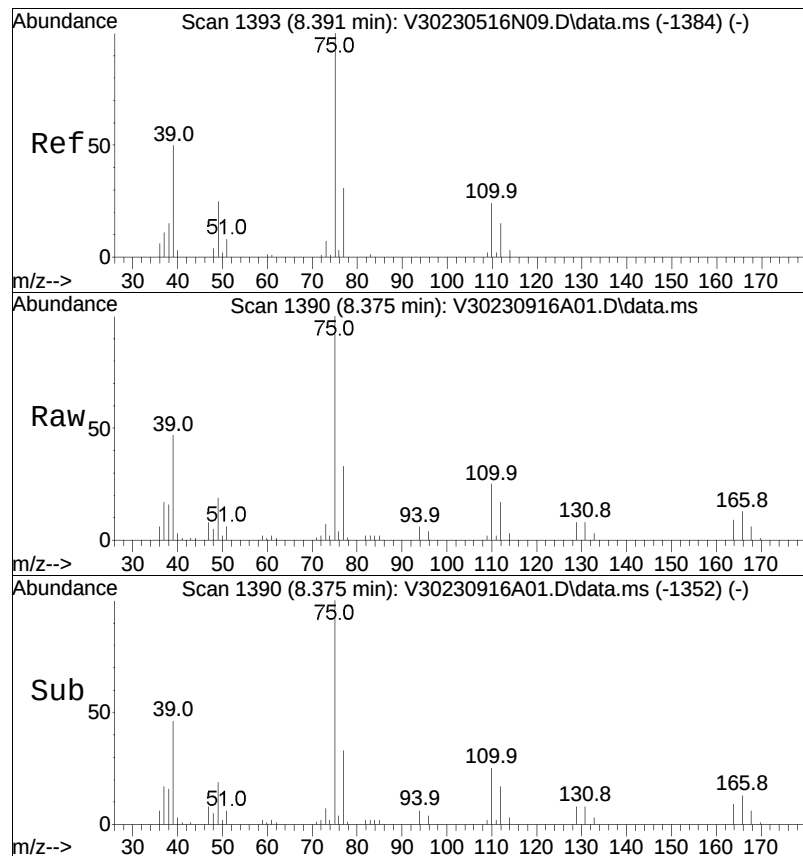




#67
 Tetrachloroethene
 Concen: 10.54 ug/L
 RT: 8.349 min Scan# 1385
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

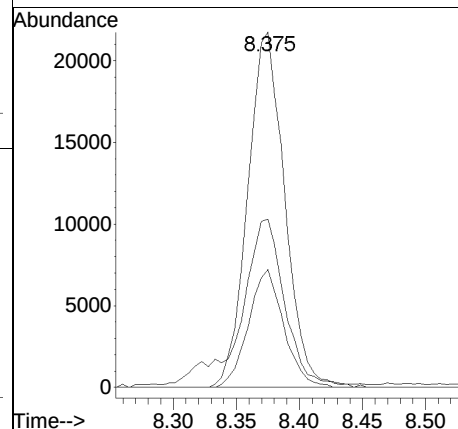
Tgt Ion	Ratio	Lower	Upper
166	100		
168	48.5	38.6	58.0
94	48.1	42.6	63.8

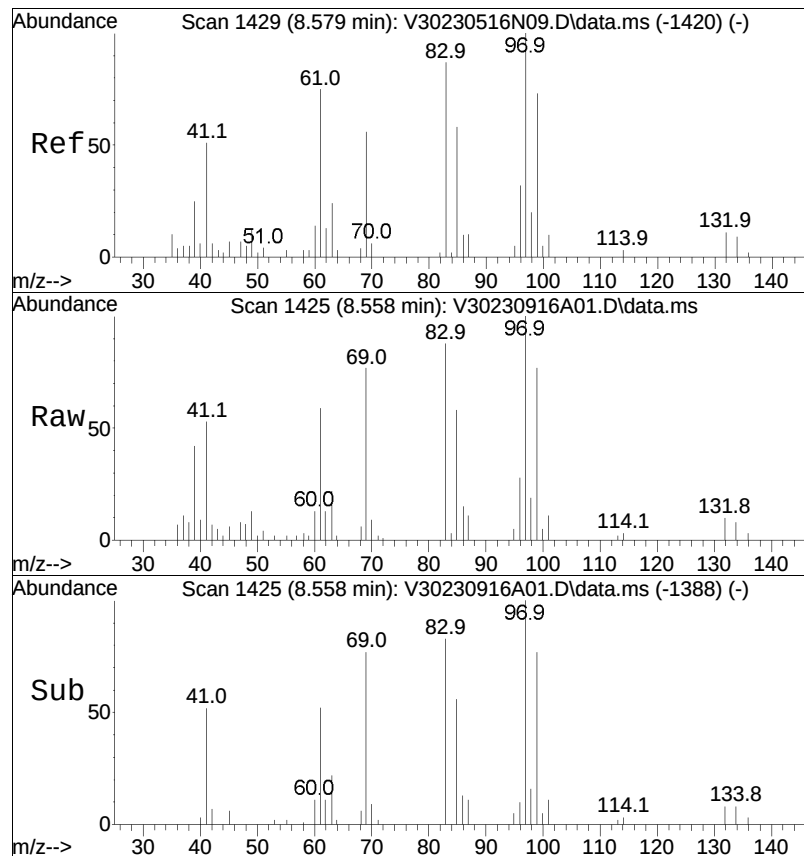




#69
 trans-1,3-Dichloropropene
 Concen: 11.04 ug/L
 RT: 8.375 min Scan# 1390
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

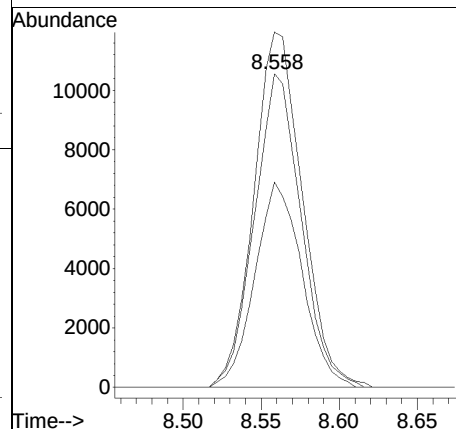
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.6	38.4
39	58.0	60.2	90.4#

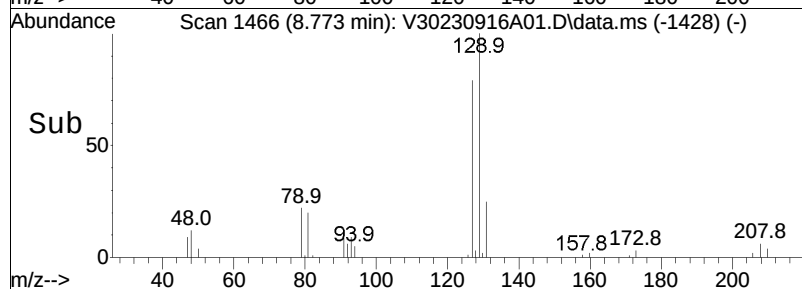
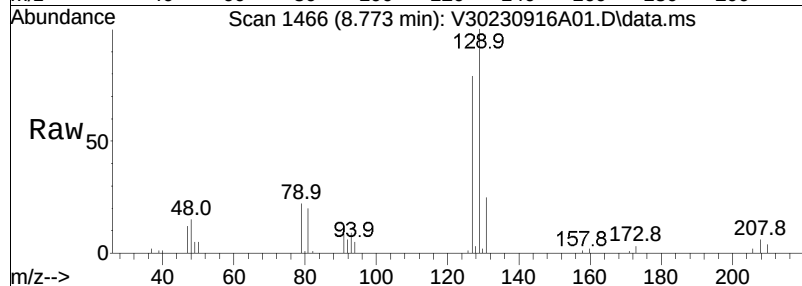
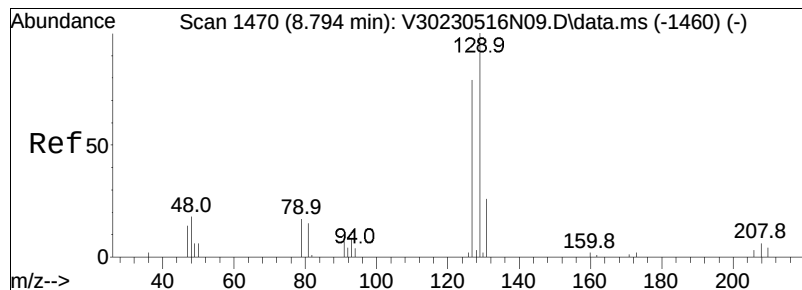




#72
 1,1,2-Trichloroethane
 Concen: 10.46 ug/L
 RT: 8.558 min Scan# 1425
 Delta R.T. -0.005 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

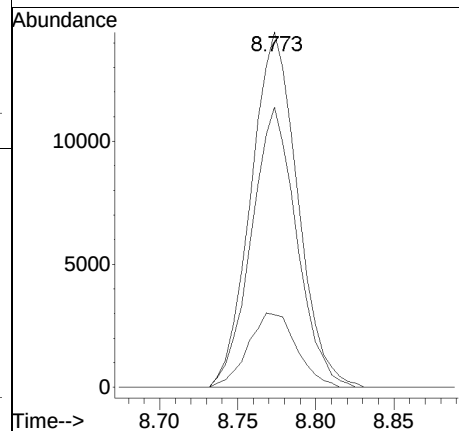
Tgt Ion:	83	Resp:	21940
Ion Ratio	Lower	Upper	
83	100		
97	117.7	87.7	131.5
85	66.4	53.1	79.7

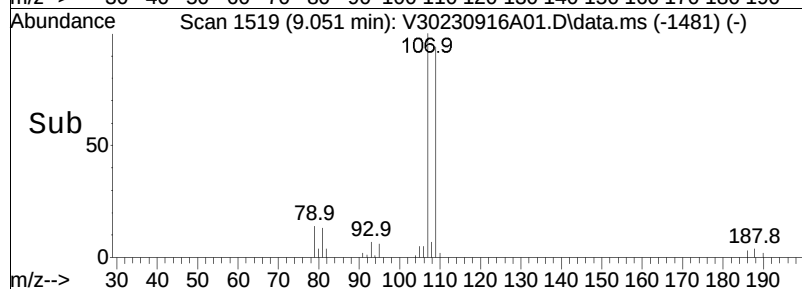
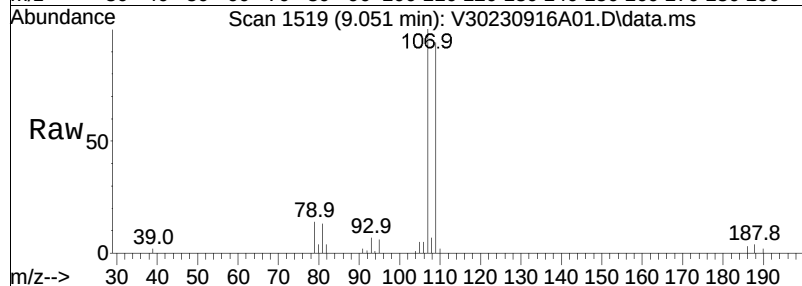
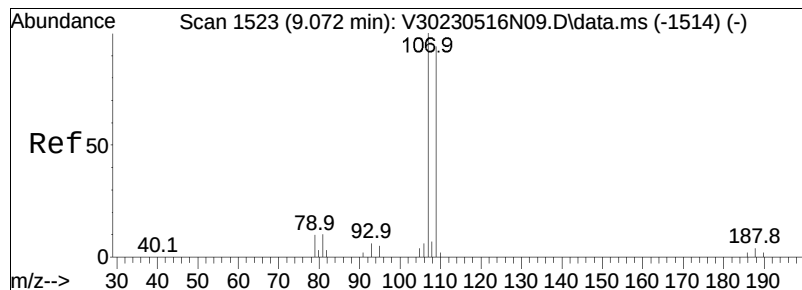




#73
 Chlorodibromomethane
 Concen: 10.02 ug/L
 RT: 8.773 min Scan# 1466
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

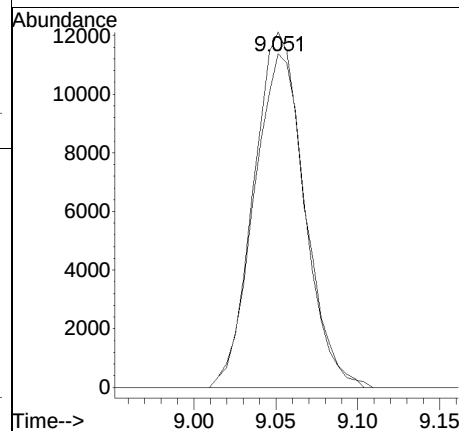
Tgt Ion	Ratio	Lower	Upper
129	100		
81	21.7	14.6	22.0
127	76.7	62.6	93.8

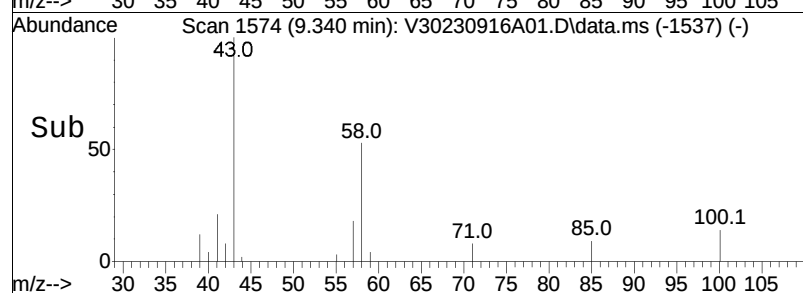
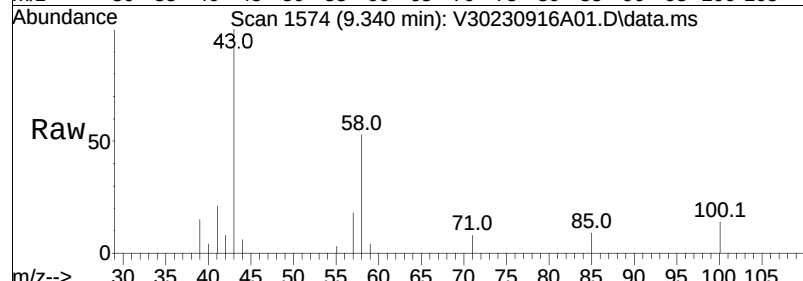
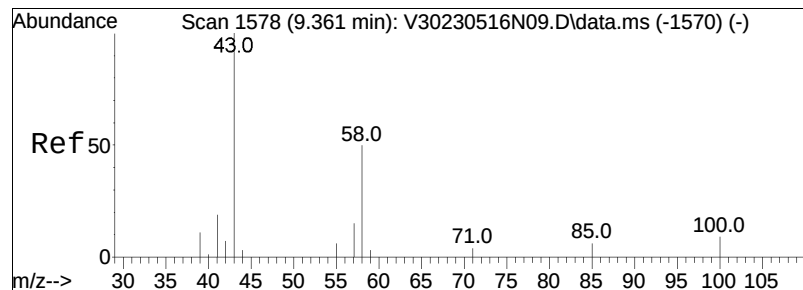




#75
 1,2-Dibromoethane
 Concen: 10.30 ug/L
 RT: 9.051 min Scan# 1519
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.0	112.4





#77

2-Hexanone

Concen: 9.17 ug/L

RT: 9.340 min Scan# 1574

Delta R.T. -0.005 min

Lab File: V30230916A01.D

Acq: 16 Sep 2023 12:58 pm

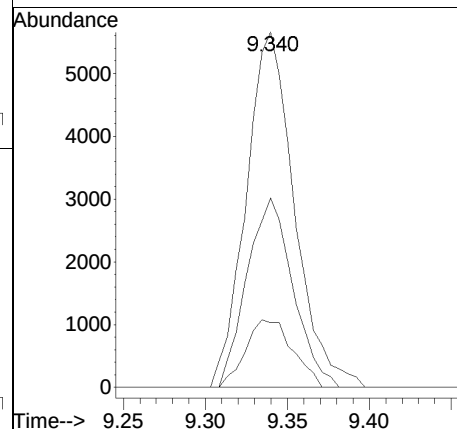
Tgt Ion: 43 Resp: 11598

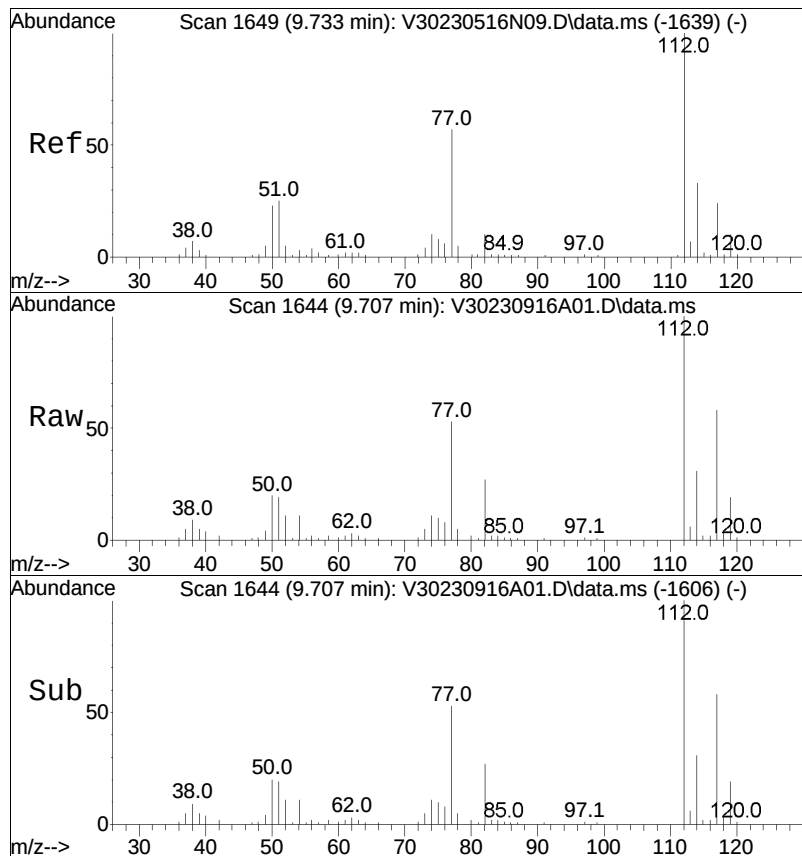
Ion Ratio Lower Upper

43 100

58 50.9 38.6 58.0

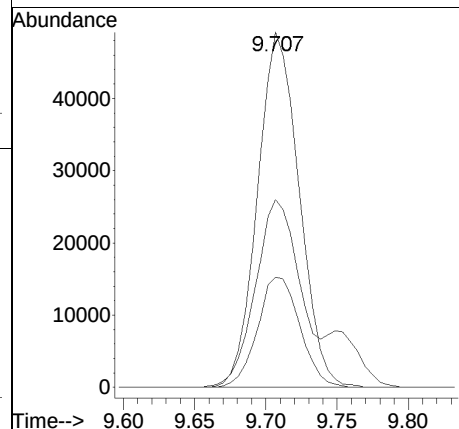
57 18.6 14.1 21.1

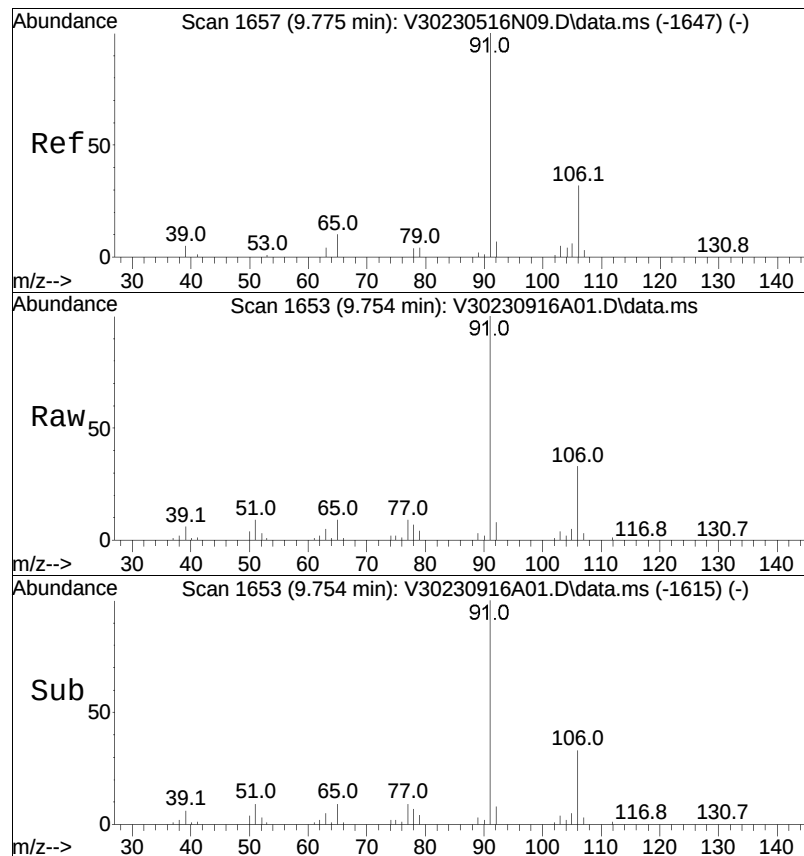




#78
 Chlorobenzene
 Concen: 10.50 ug/L
 RT: 9.707 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

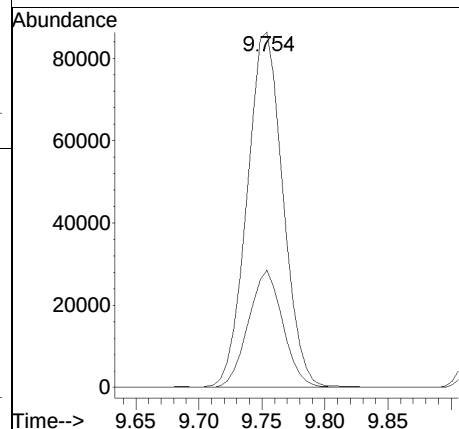
Tgt Ion:	112	Resp:	99740
Ion Ratio	Lower	Upper	
112	100		
77	57.1	54.8	82.2
114	31.7	25.4	38.0

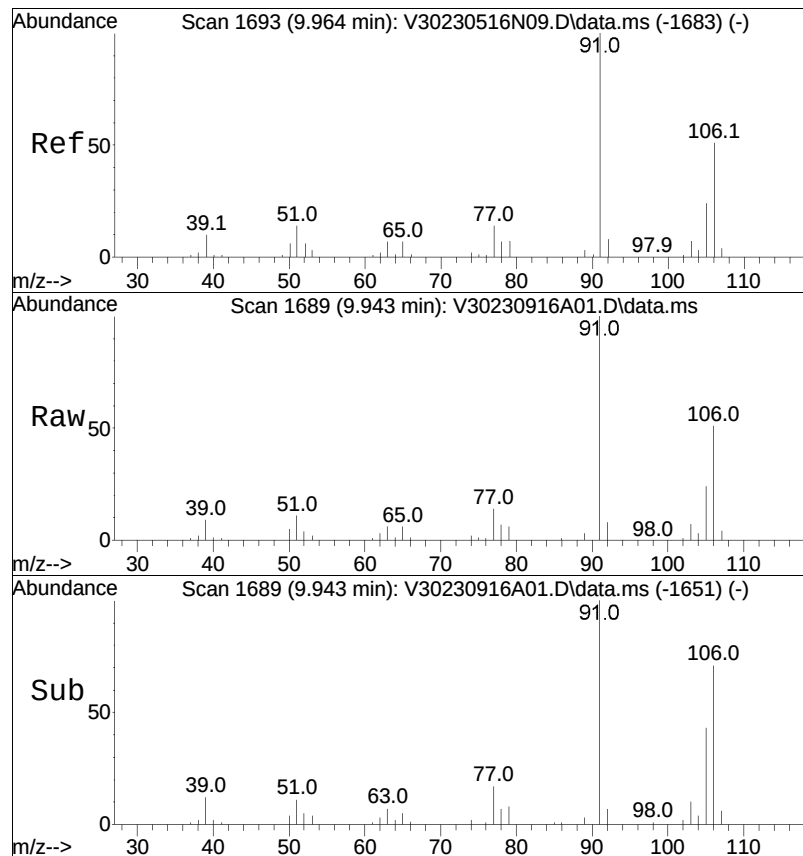




#79
 Ethylbenzene
 Concen: 10.68 ug/L
 RT: 9.754 min Scan# 1653
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

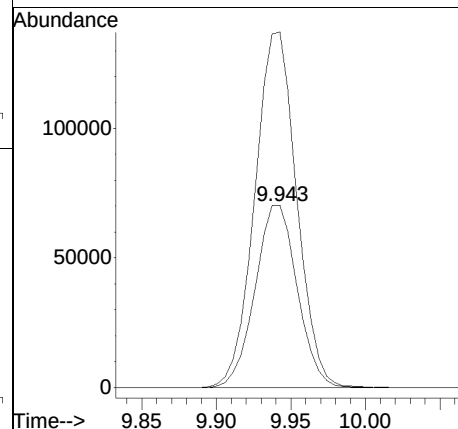
Tgt	Ion	Resp	Lower	Upper
91	100	171136		
106	31.6	23.4	35.2	

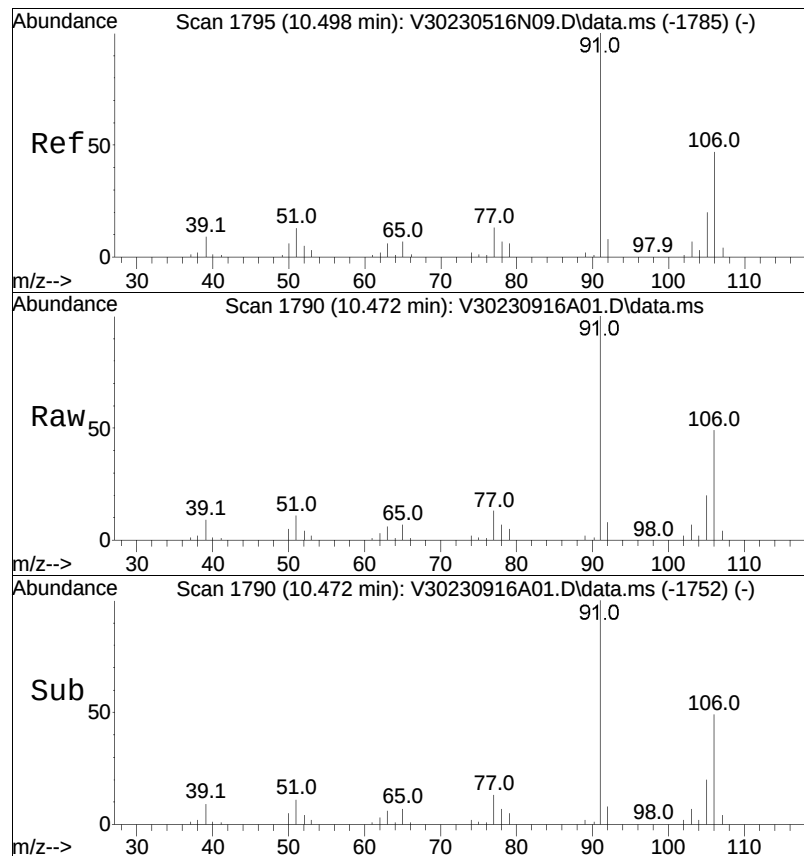




#81
 p/m Xylene
 Concen: 20.63 ug/L
 RT: 9.943 min Scan# 1689
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

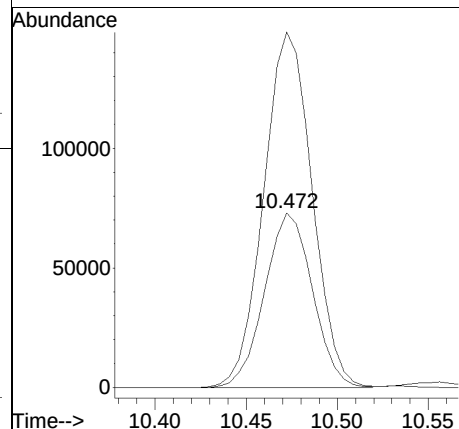
Tgt Ion	Ratio	Lower	Upper
106	100		
91	193.6	171.4	257.2

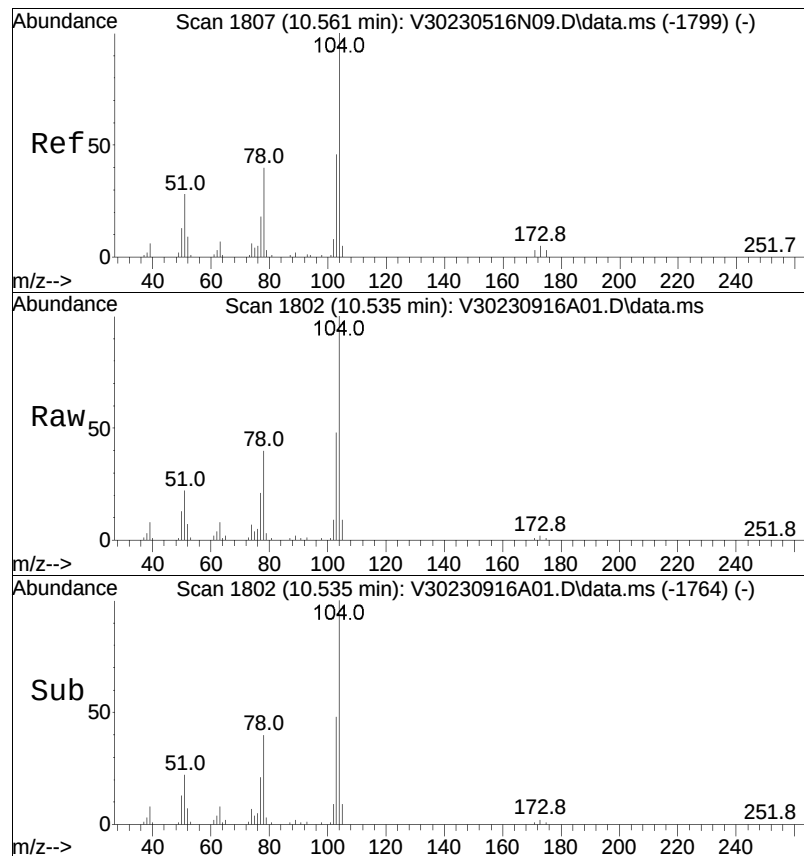




#82
 o Xylene
 Concen: 19.44 ug/L
 RT: 10.472 min Scan# 1790
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

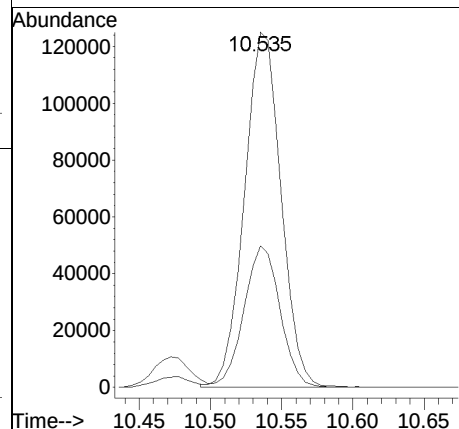
Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.3	179.2	268.8

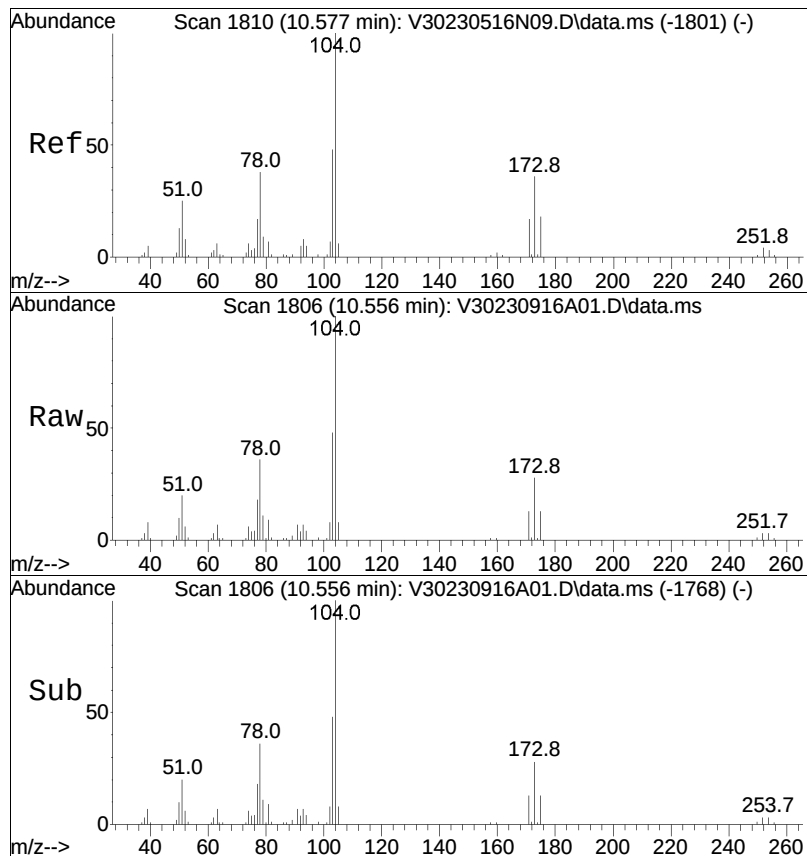




#83
 Styrene
 Concen: 19.67 ug/L
 RT: 10.535 min Scan# 1802
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

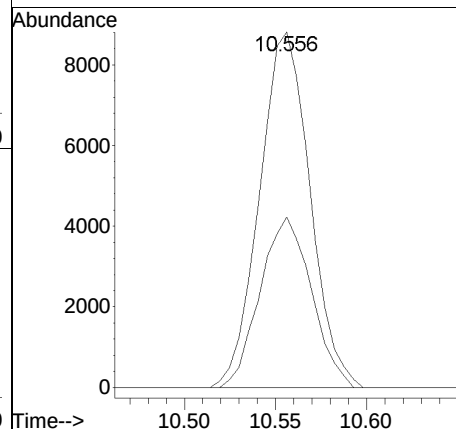
Tgt Ion	Ratio	Lower	Upper
104	100		
78	39.3	38.1	57.1

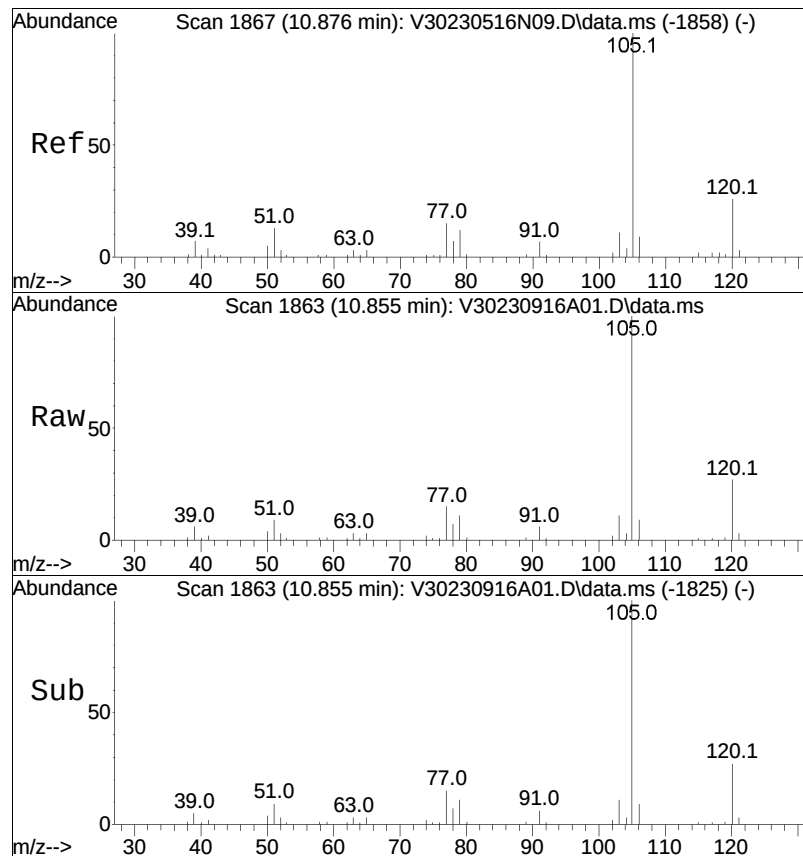




#85
 Bromoform
 Concen: 8.94 ug/L
 RT: 10.556 min Scan# 1806
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

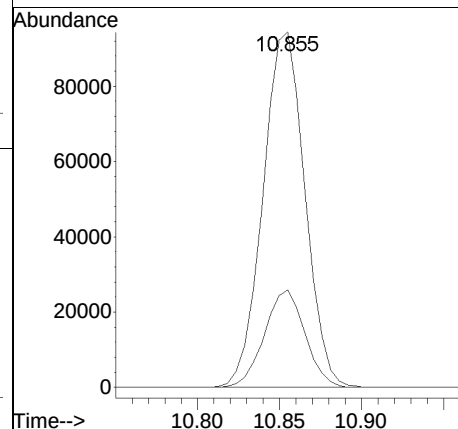
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	37.8	56.6

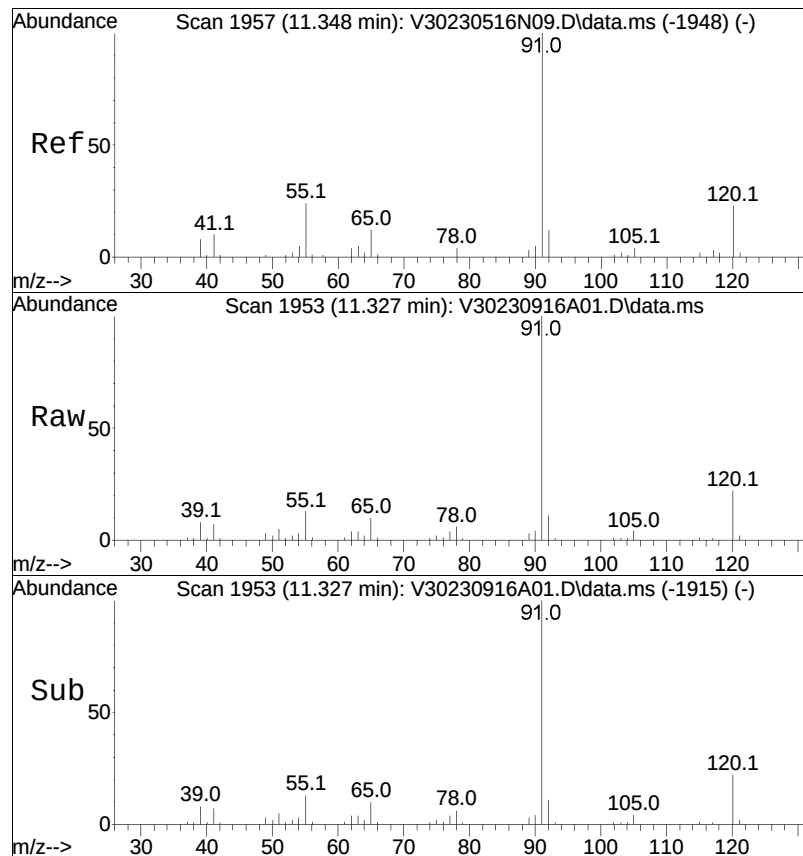




#87
 Isopropylbenzene
 Concen: 10.61 ug/L
 RT: 10.855 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

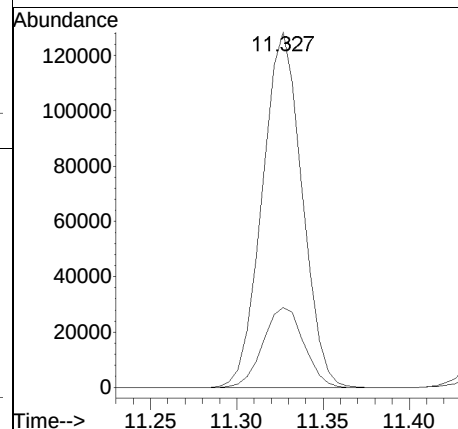
Tgt	Ion	Ratio	Lower	Upper
105	100			
120	26.5	20.0	30.0	

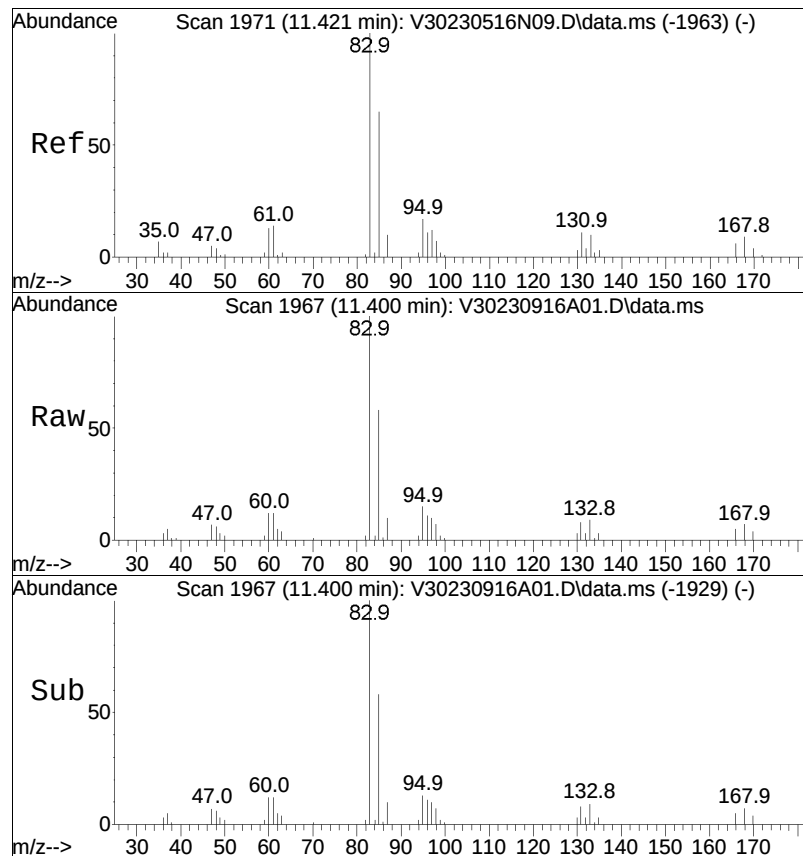




#90
 n-Propylbenzene
 Concen: 10.99 ug/L
 RT: 11.327 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

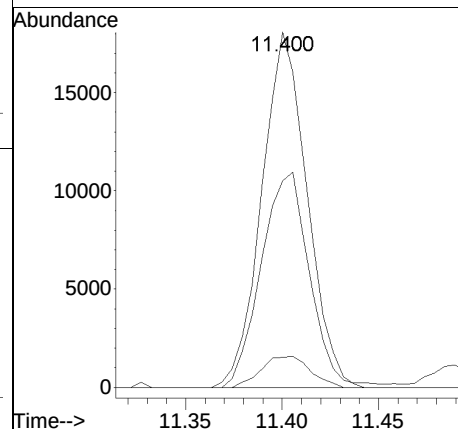
Tgt	Ion	Ratio	Lower	Upper
91	100			
120	23.0	16.3	24.5	

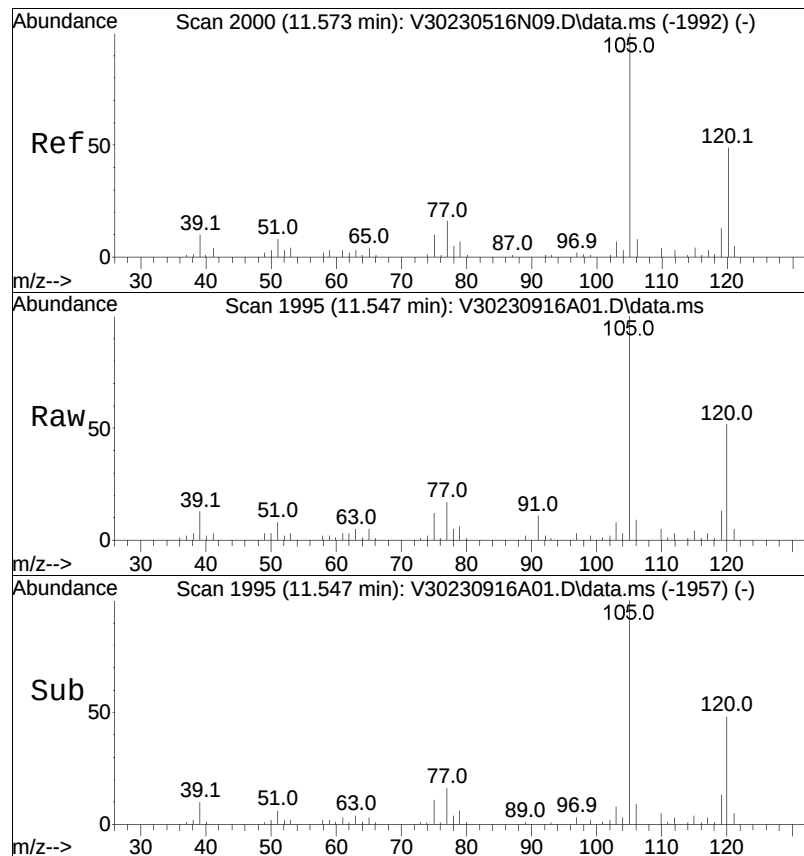




#92
 1,1,2,2-Tetrachloroethane
 Concen: 10.77 ug/L
 RT: 11.400 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

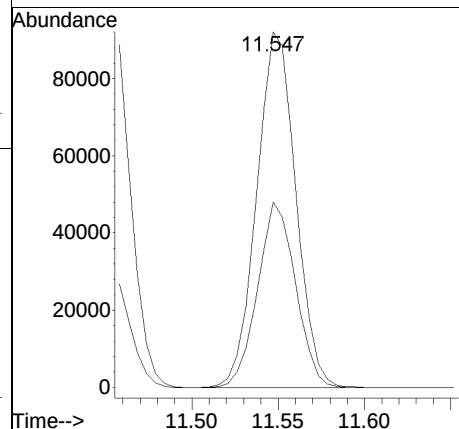
Tgt Ion:	83	Resp:	29491
Ion Ratio	Lower	Upper	
83	100		
131	9.5	6.6	10.0
85	64.6	51.8	77.6

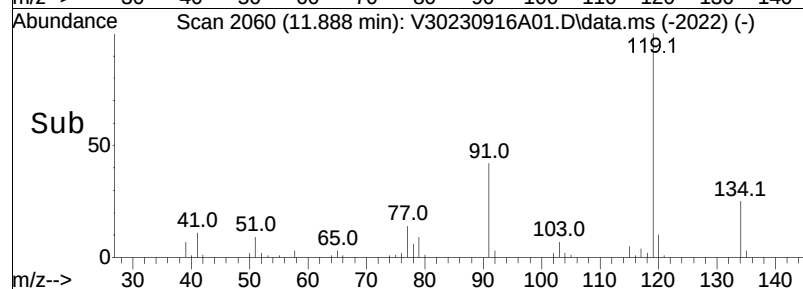
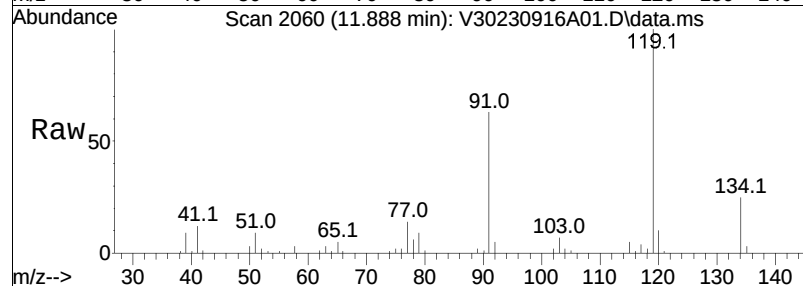
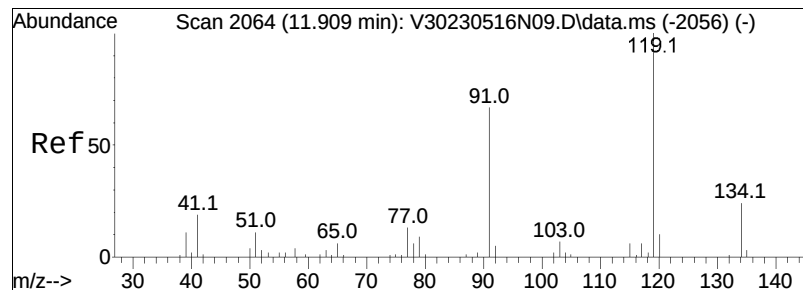




#95
 1,3,5-Trimethylbenzene
 Concen: 10.24 ug/L
 RT: 11.547 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

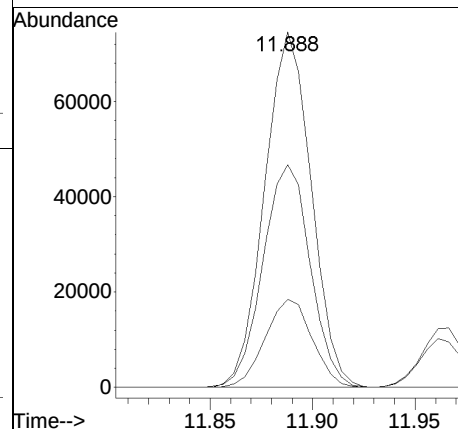
Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.5	37.8	56.6

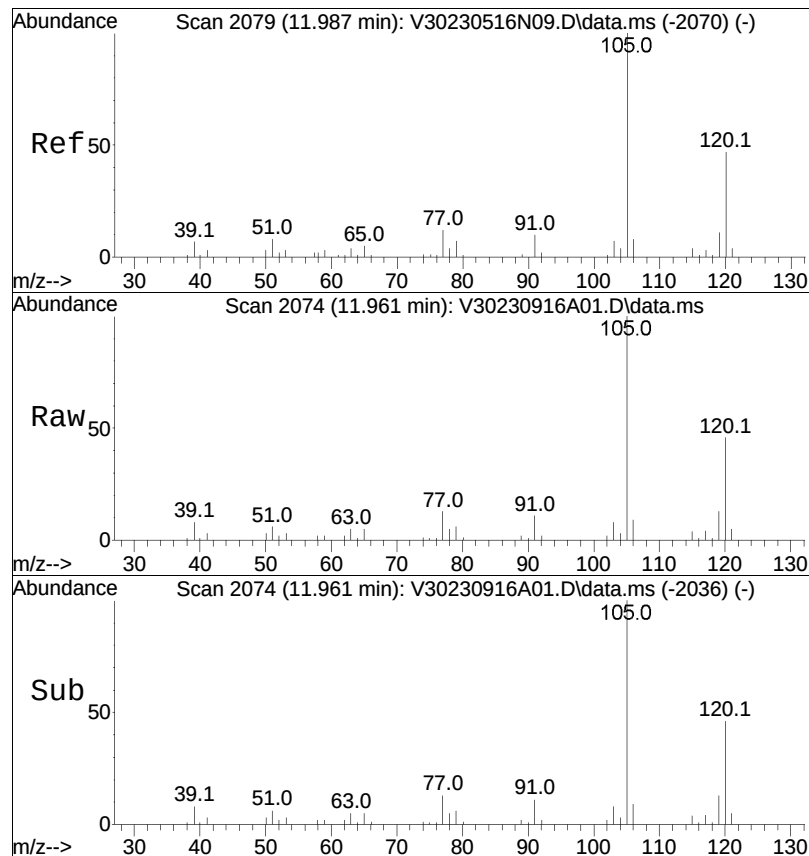




#99
 tert-Butylbenzene
 Concen: 10.26 ug/L
 RT: 11.888 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

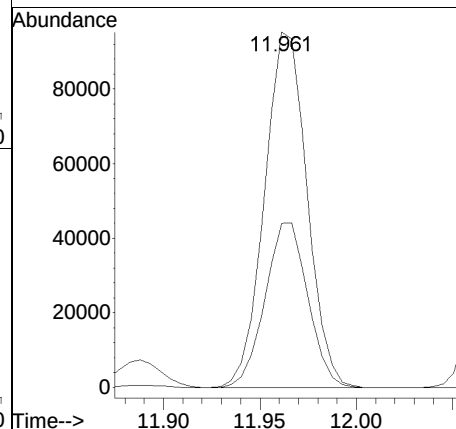
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.8	58.8	88.2
134	25.0	18.6	27.8

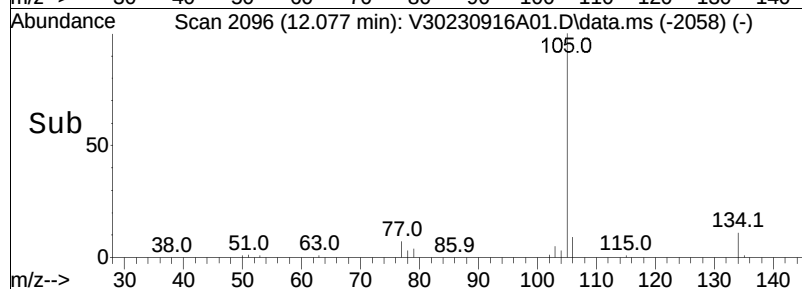
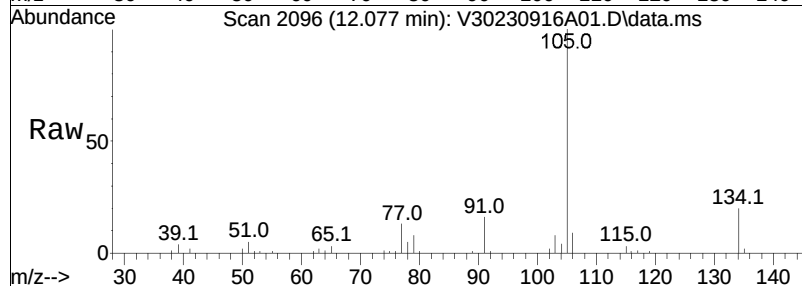
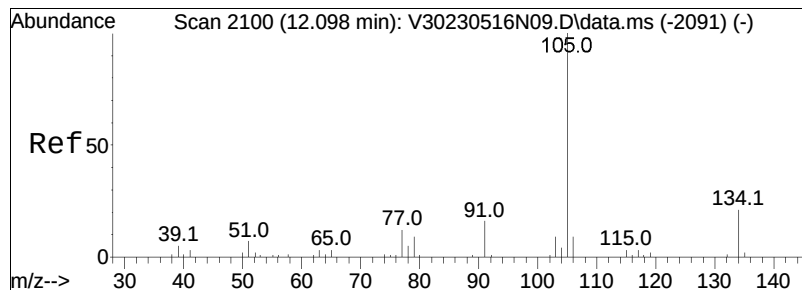




#102
 1,2,4-Trimethylbenzene
 Concen: 10.37 ug/L
 RT: 11.961 min Scan# 2074
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

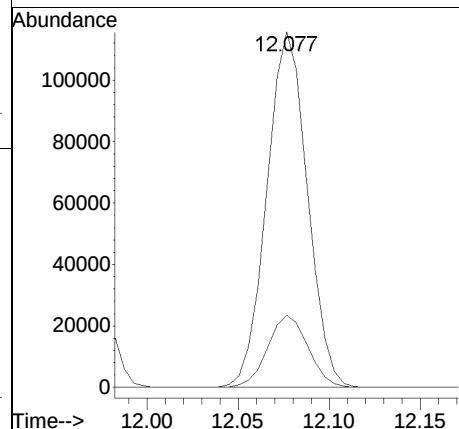
Tgt Ion	105	120	Ratio	Lower	Upper
105	100				
120	46.6		35.2	52.8	

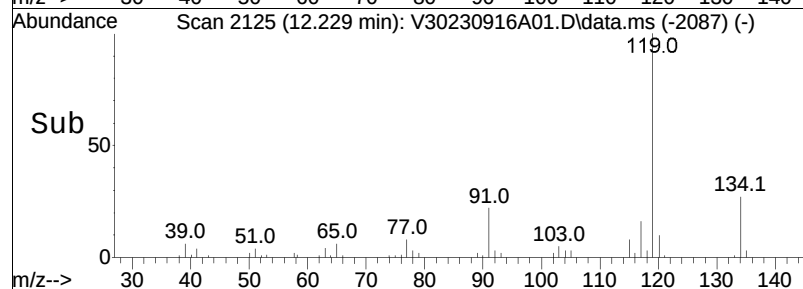
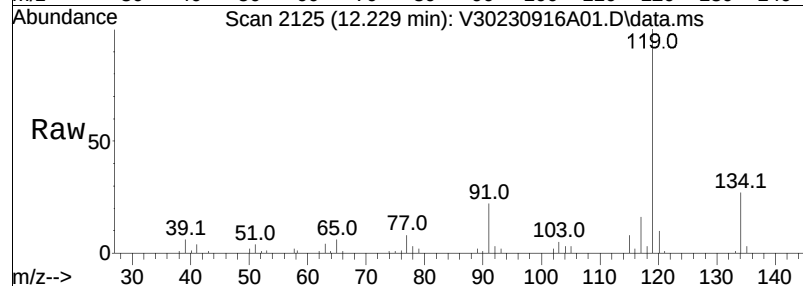
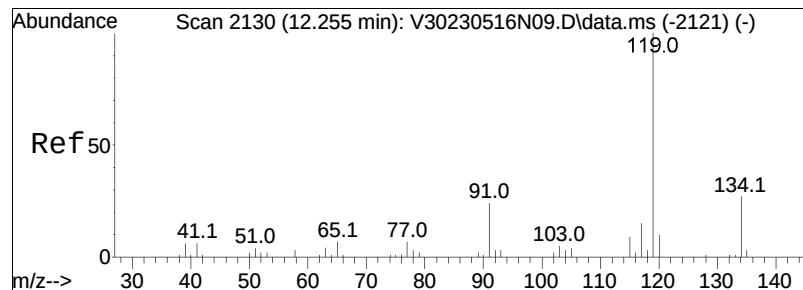




#103
 sec-Butylbenzene
 Concen: 10.53 ug/L
 RT: 12.077 min Scan# 2096
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

Tgt	Ion	Ratio	Lower	Upper
105	105	100		
134	134	20.3	11.4	23.6





#104

p-Isopropyltoluene

Concen: 10.37 ug/L

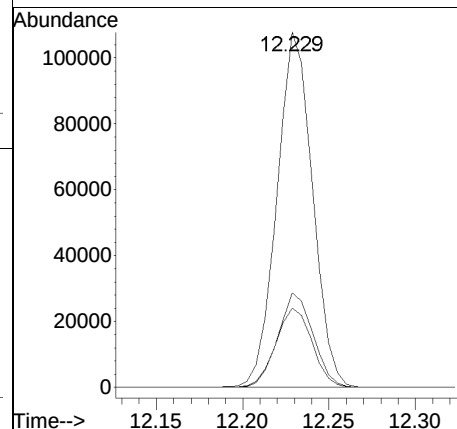
RT: 12.229 min Scan# 2125

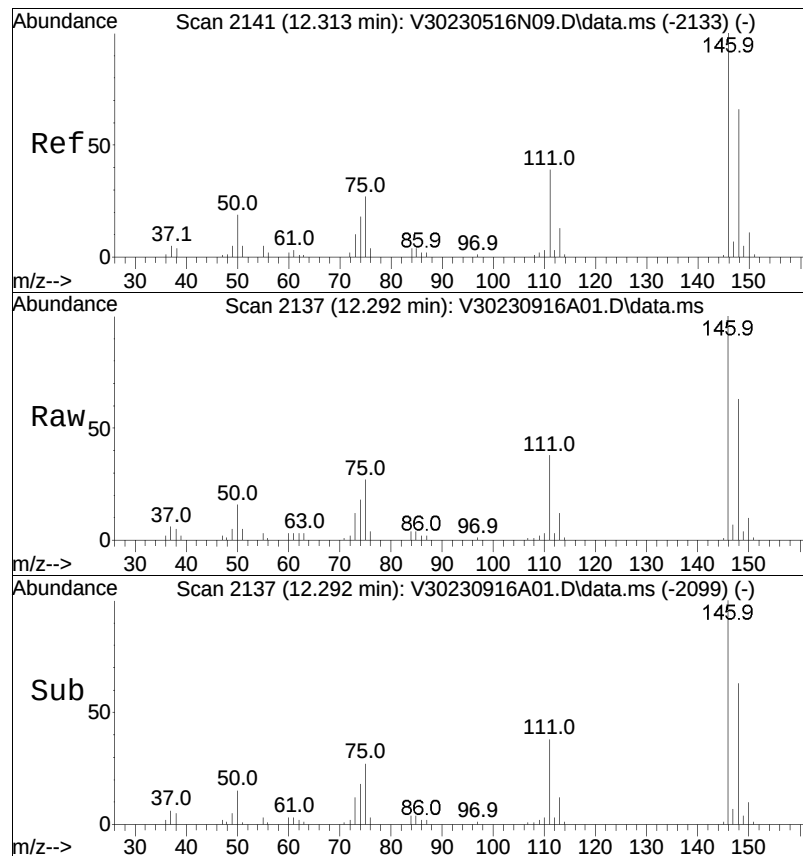
Delta R.T. -0.000 min

Lab File: V30230916A01.D

Acq: 16 Sep 2023 12:58 pm

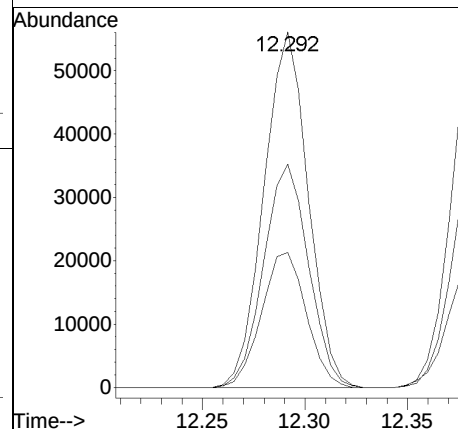
Tgt Ion:	119	Resp:	154585
Ion Ratio	Lower	Upper	
119	100		
134	26.3	15.9	33.1
91	22.9	16.6	34.4

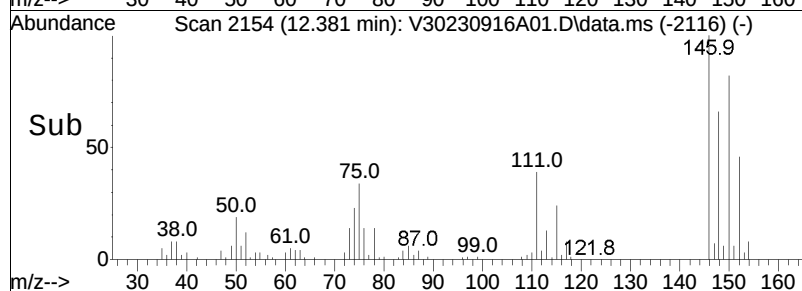
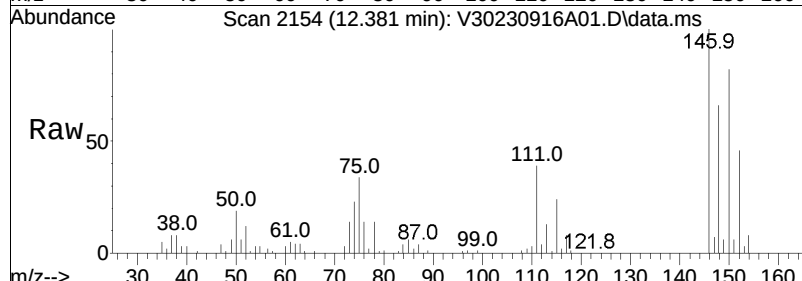
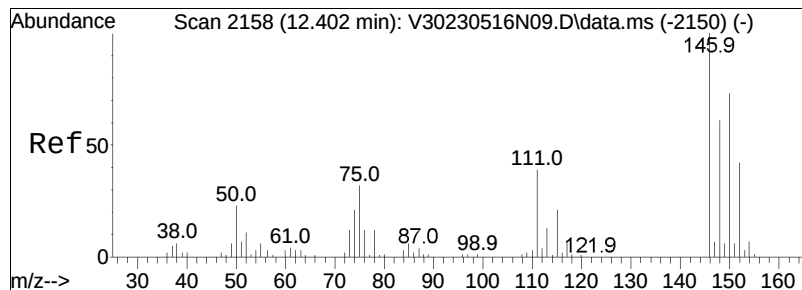




#105
 1,3-Dichlorobenzene
 Concen: 10.32 ug/L
 RT: 12.292 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

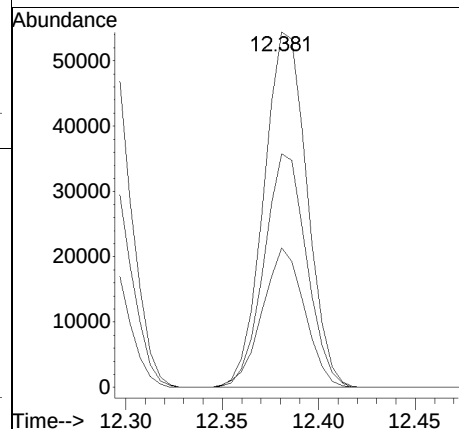
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	28.0	58.1
148	63.8	40.8	84.6

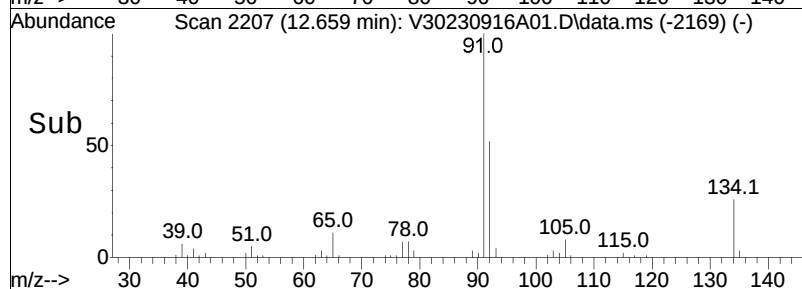
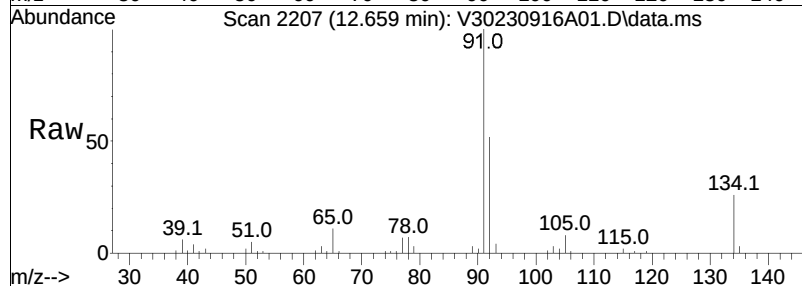
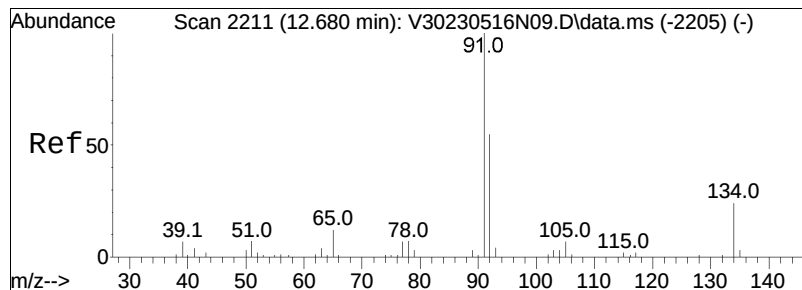




#106
 1,4-Dichlorobenzene
 Concen: 10.24 ug/L
 RT: 12.381 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

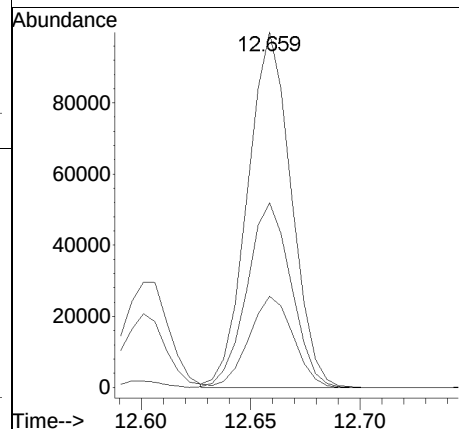
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	33.7	50.5
148	64.5	50.8	76.2

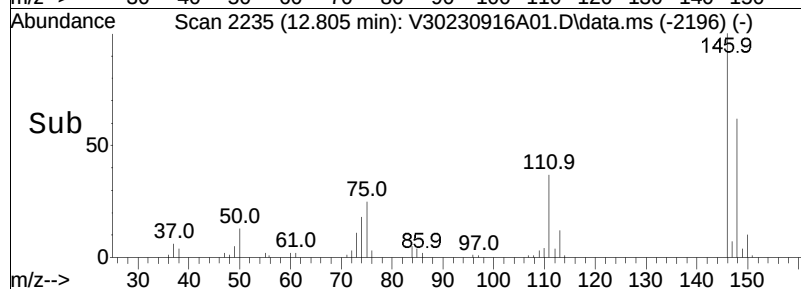
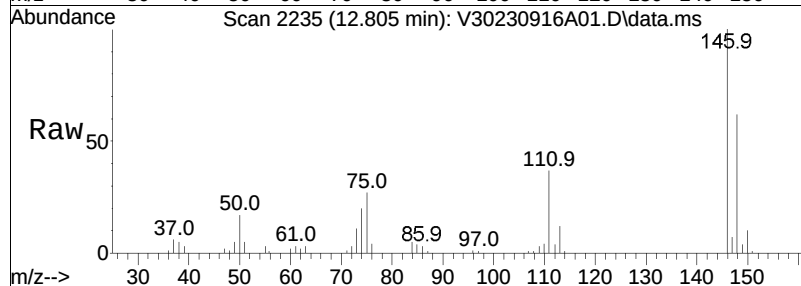
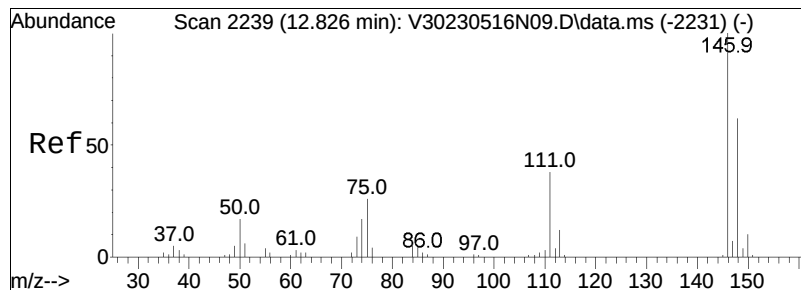




#108
 n-Butylbenzene
 Concen: 10.93 ug/L
 RT: 12.659 min Scan# 2207
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

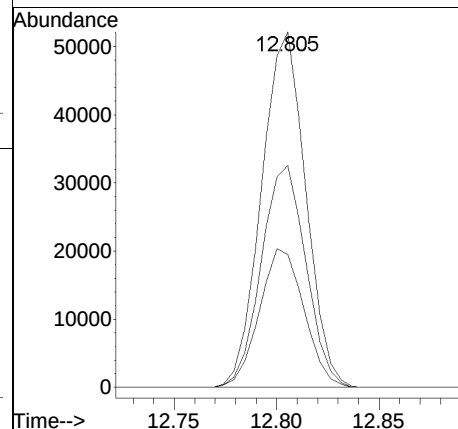
Tgt Ion: 91	Resp: 138834
Ion Ratio	Lower Upper
91 100	
92 52.6	44.2 66.4
134 25.7	17.8 26.6

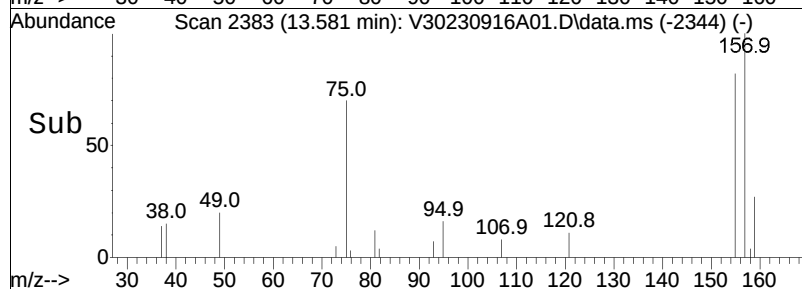
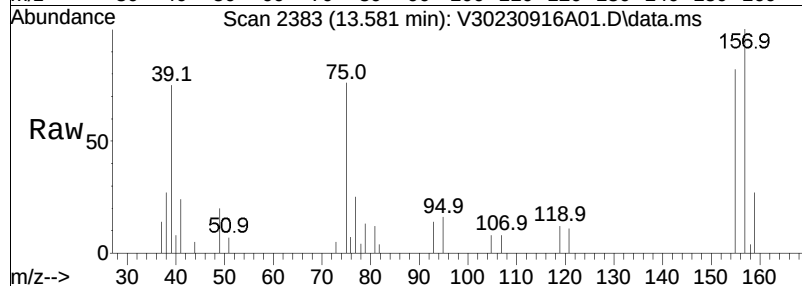
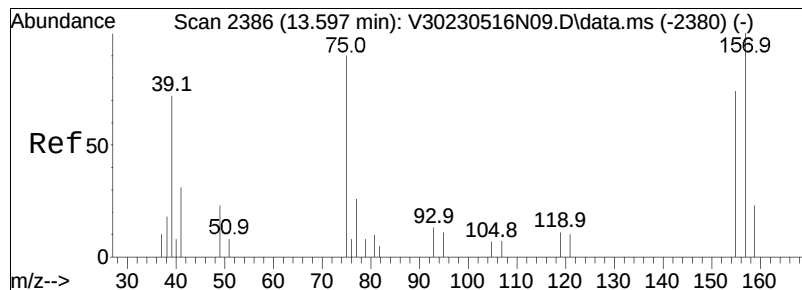




#109
 1,2-Dichlorobenzene
 Concen: 10.05 ug/L
 RT: 12.805 min Scan# 2235
 Delta R.T. 0.005 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

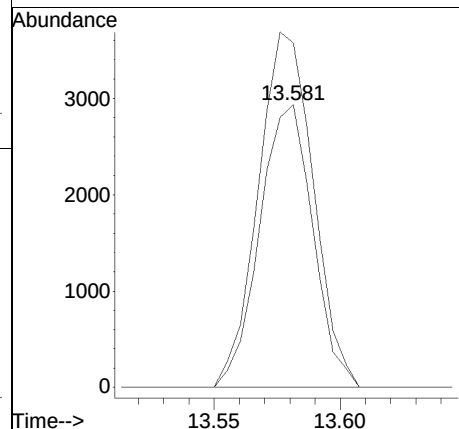
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	29.5	61.3
148	63.1	41.3	85.9

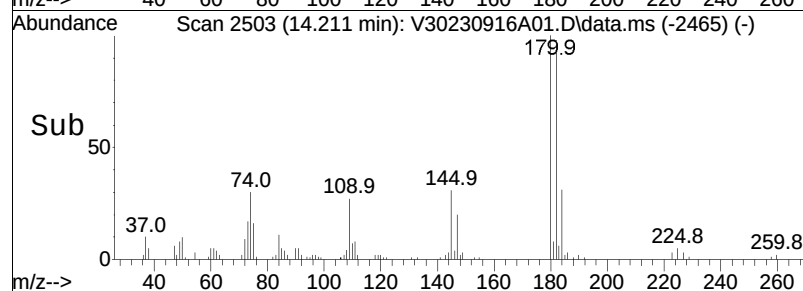
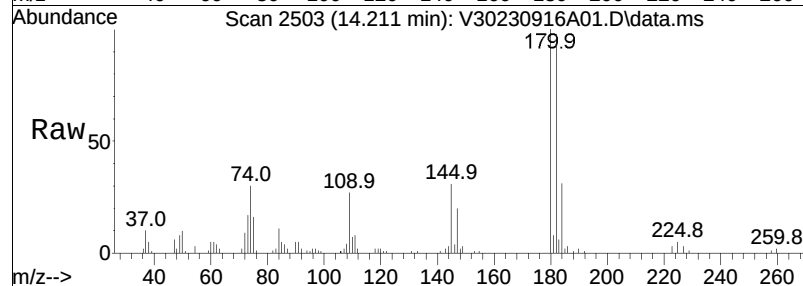
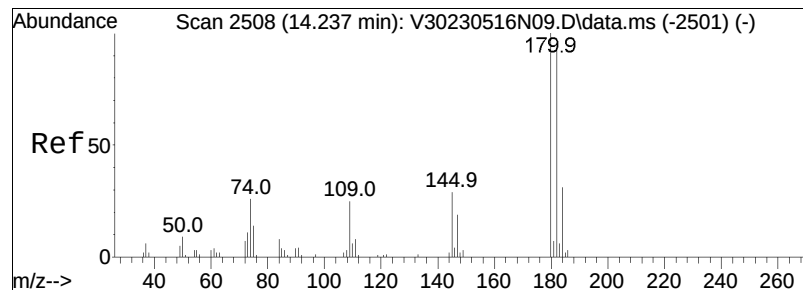




#111
 1,2-Dibromo-3-chloropropane
 Concen: 9.14 ug/L
 RT: 13.581 min Scan# 2383
 Delta R.T. 0.005 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

Tgt Ion:155 Resp: 4304
 Ion Ratio Lower Upper
 155 100
 157 130.1 105.1 157.7





#114

1,2,4-Trichlorobenzene

Concen: 10.32 ug/L

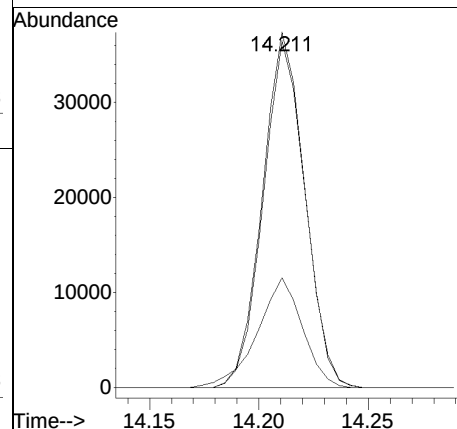
RT: 14.211 min Scan# 2503

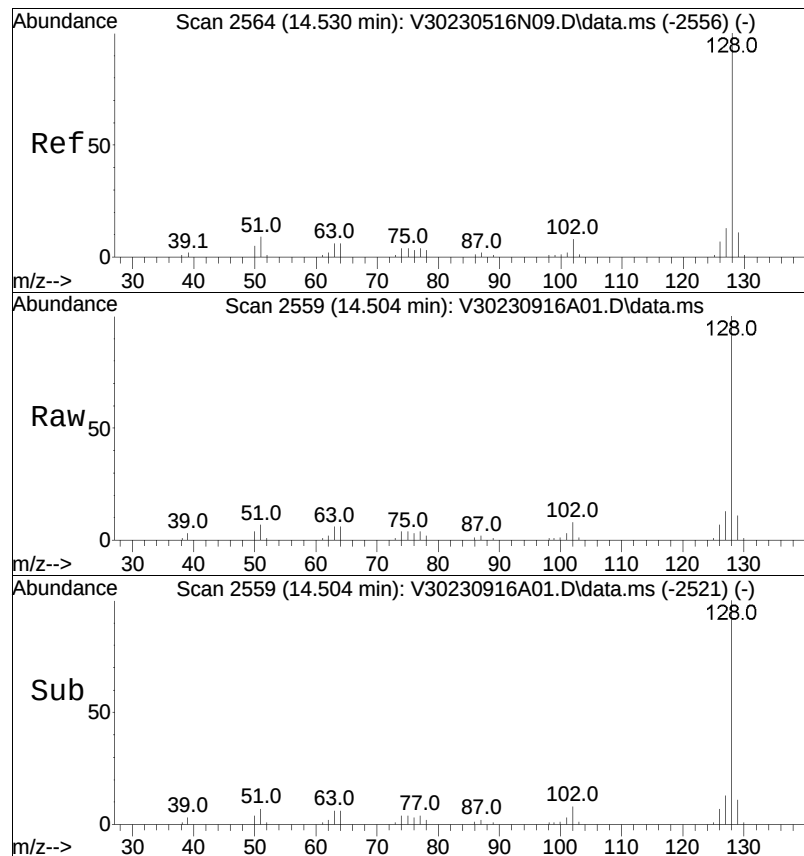
Delta R.T. -0.000 min

Lab File: V30230916A01.D

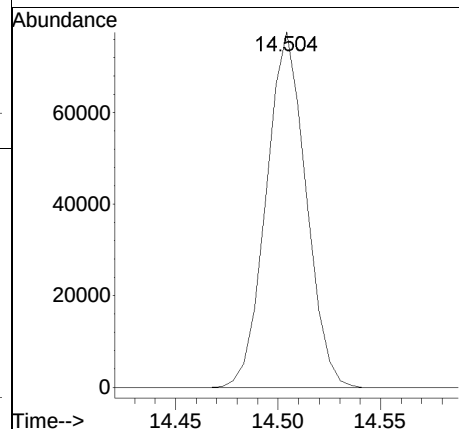
Acq: 16 Sep 2023 12:58 pm

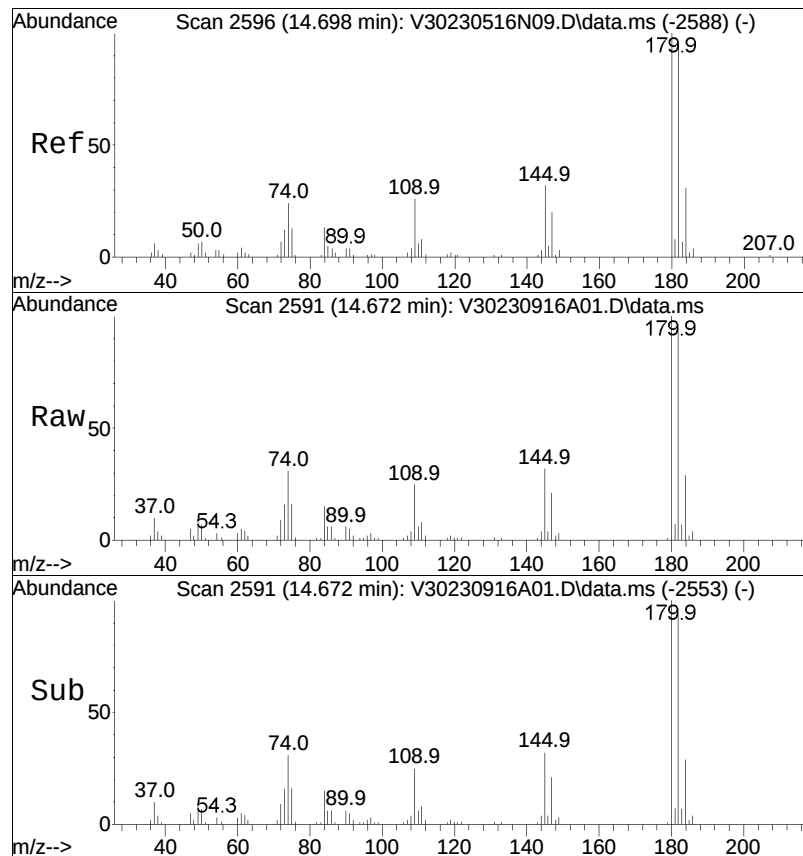
Tgt Ion:	180	Resp:	50419
Ion Ratio	Lower	Upper	
180	100		
182	96.3	75.7	113.5
145	32.8	27.4	41.2





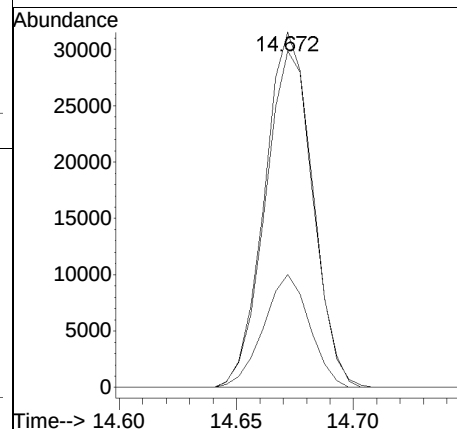
#115
Naphthalene
Concen: 9.77 ug/L
RT: 14.504 min Scan# 2559
Delta R.T. -0.000 min
Lab File: V30230916A01.D
Acq: 16 Sep 2023 12:58 pm
Tgt Ion:128 Resp: 104651





#116
 1,2,3-Trichlorobenzene
 Concen: 9.92 ug/L
 RT: 14.672 min Scan# 2591
 Delta R.T. -0.000 min
 Lab File: V30230916A01.D
 Acq: 16 Sep 2023 12:58 pm

Tgt Ion:	180	Resp:	44778
Ion Ratio	Lower	Upper	
180	100		
182	95.1	74.9	112.3
145	30.5	26.0	39.0



Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A02.D
 Acq On : 15 Sep 2023 06:03 am
 Operator : VOA130:MJV
 Sample : WG1828105-4,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 08:00:16 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	180171	10.000	ug/L	# 0.00
Standard Area 1 = 196480			Recovery	=	91.70%	
63) Chlorobenzene-d5	9.686	117	165777	10.000	ug/L	# 0.00
Standard Area 1 = 172891			Recovery	=	95.89%	
84) 1,4-Dichlorobenzene-d4	12.365	152	97837	10.000	ug/L	0.00
Standard Area 1 = 103140			Recovery	=	94.86%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	57057	10.095	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.95%	
47) 1,2-Dichloroethane-d4	5.843	65	54581	9.629	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.29%	
64) Toluene-d8	7.840	98	208926	10.142	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.42%	
88) 4-Bromofluorobenzene	11.165	95	74279	10.159	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.59%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	53396	11.641	ug/L	97
3) Chloromethane	1.879	50	37551	10.581	ug/L	98
4) Vinyl chloride	1.952	62	56045	12.708	ug/L	99
5) Bromomethane	2.277	94	47951	9.181	ug/L	96
6) Chloroethane	2.393	64	43632	12.666	ug/L	98
7) Trichlorofluoromethane	2.540	101	119027	13.928	ug/L	98
10) 1,1-Dichloroethene	3.038	96	35049	11.765	ug/L	# 64
11) Carbon disulfide	3.069	76	87202	10.579	ug/L	99
12) Freon-113	3.080	101	38071	11.996	ug/L	85
15) Methylene chloride	3.604	84	38579	11.313	ug/L	75
17) Acetone	3.641	43	7184	13.281	ug/L	98
18) trans-1,2-Dichloroethene	3.756	96	36713	11.053	ug/L	72
19) Methyl acetate	3.766	43	15819	12.250	ug/L	# 82
21) Methyl tert-butyl ether	3.866	73	88758	12.360	ug/L	88
25) 1,1-Dichloroethane	4.348	63	65038	11.288	ug/L	# 97
30) cis-1,2-Dichloroethene	4.868	96	43558	11.502	ug/L	# 72
33) Bromochloromethane	5.062	128	21163	11.637	ug/L	# 50
34) Cyclohexane	5.077	56	55042	11.407	ug/L	# 64
35) Chloroform	5.135	83	70302	11.455	ug/L	95
37) Carbon tetrachloride	5.282	117	49788	10.800	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A02.D
 Acq On : 15 Sep 2023 06:03 am
 Operator : VOA130: MJV
 Sample : WG1828105-4, 31, 10, 10
 Misc : WG1828105, ICAL20364
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 08:00:16 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40)	1,1,1-Trichloroethane	5.345	97	61274	11.390	ug/L	92
42)	2-Butanone	5.434	43	9695	12.708	ug/L	97
45)	Benzene	5.717	78	138369	11.284	ug/L	94
48)	1,2-Dichloroethane	5.911	62	46337	11.258	ug/L #	98
51)	Methylcyclohexane	6.315	83	60795	11.301	ug/L #	72
52)	Trichloroethene	6.315	95	39133	10.708	ug/L	90
55)	1,2-Dichloropropane	6.860	63	33699	11.308	ug/L #	95
58)	Bromodichloromethane	6.928	83	50846	11.224	ug/L #	98
61)	1,4-Dioxane	7.138	88	13954	639.877	ug/L #	79
62)	cis-1,3-Dichloropropene	7.625	75	54818	11.255	ug/L #	86
65)	Toluene	7.898	92	92411	11.032	ug/L	97
66)	4-Methyl-2-pentanone	8.328	58	8530	12.468	ug/L #	78
67)	Tetrachloroethene	8.349	166	40130	11.228	ug/L	95
69)	trans-1,3-Dichloropropene	8.375	75	46907	11.529	ug/L #	87
72)	1,1,2-Trichloroethane	8.564	83	24365	11.481	ug/L	92
73)	Chlorodibromomethane	8.774	129	33618	11.080	ug/L	98
75)	1,2-Dibromoethane	9.052	107	29852	11.672	ug/L	98
77)	2-Hexanone	9.340	43	15028	11.749	ug/L	92
78)	Chlorobenzene	9.707	112	107051	11.139	ug/L	89
79)	Ethylbenzene	9.754	91	182926	11.282	ug/L	95
81)	p/m Xylene	9.943	106	149375	22.071	ug/L	88
82)	o Xylene	10.472	106	145756	21.029	ug/L	90
83)	Styrene	10.535	104	244429	21.281	ug/L	87
85)	Bromoform	10.556	173	18840	9.774	ug/L	98
87)	Isopropylbenzene	10.855	105	184719	11.503	ug/L	96
90)	n-Propylbenzene	11.327	91	219136	11.525	ug/L	94
92)	1,1,2,2-Tetrachloroethane	11.400	83	35867	12.888	ug/L #	97
95)	1,3,5-Trimethylbenzene	11.547	105	157857	10.989	ug/L	95
99)	tert-Butylbenzene	11.888	119	131482	11.241	ug/L	90
102)	1,2,4-Trimethylbenzene	11.961	105	158813	11.114	ug/L	95
103)	sec-Butylbenzene	12.077	105	196932	11.394	ug/L	94
104)	p-Isopropyltoluene	12.229	119	167785	11.073	ug/L	95
105)	1,3-Dichlorobenzene	12.292	146	91958	11.102	ug/L	96
106)	1,4-Dichlorobenzene	12.381	146	94170	11.158	ug/L	97
108)	n-Butylbenzene	12.659	91	148114	11.481	ug/L	95
109)	1,2-Dichlorobenzene	12.806	146	87746	11.094	ug/L	96
111)	1,2-Dibromo-3-chloropr...	13.582	155	5510	11.514	ug/L	94
114)	1,2,4-Trichlorobenzene	14.211	180	58030	11.691	ug/L	99
115)	Naphthalene	14.504	128	127984	11.764	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
 Data File : V30230915A02.D
 Acq On : 15 Sep 2023 06:03 am
 Operator : VOA130:MJV
 Sample : WG1828105-4,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 08:00:16 2023
 Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230915A\V30230915A01.D
 Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	14.672	180	51975	11.332	ug/L	97

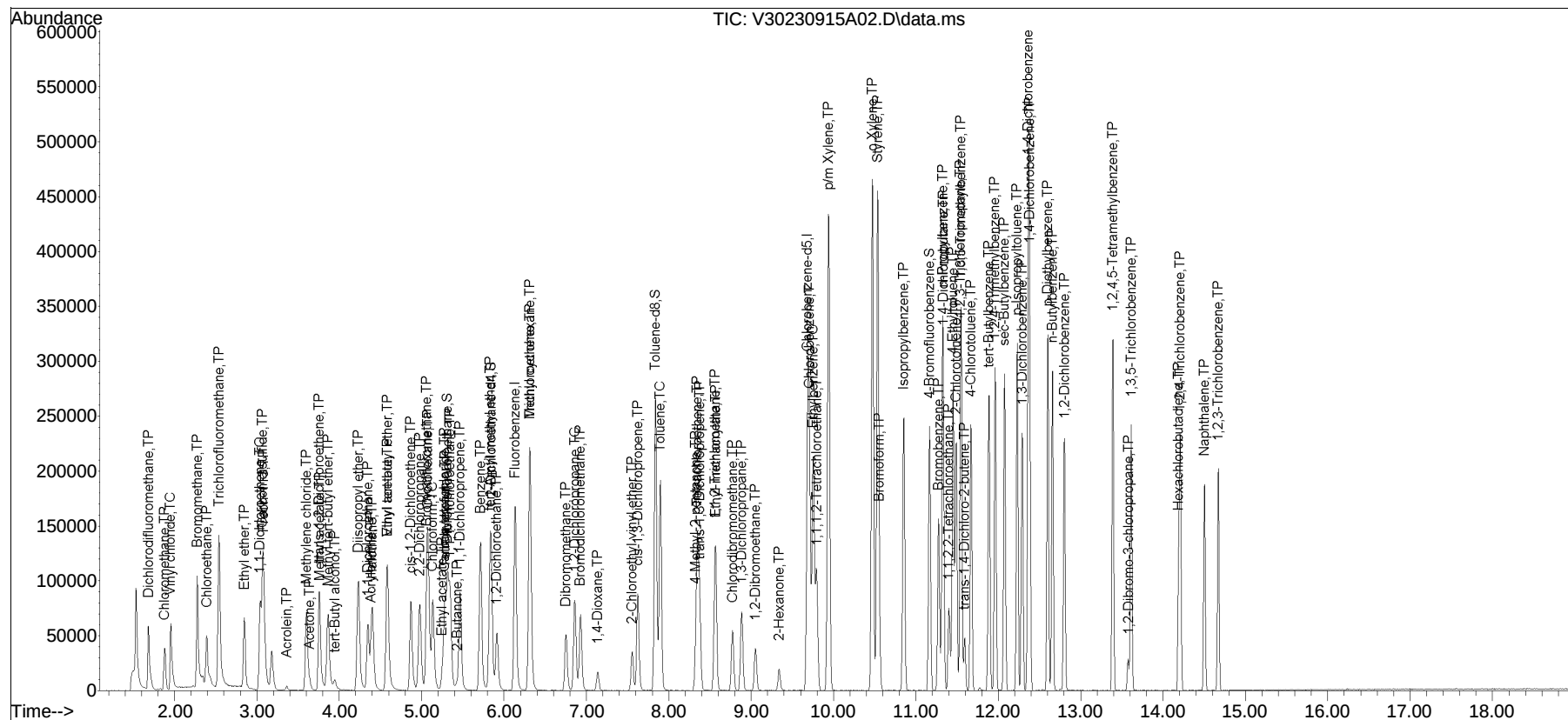
(#) = qualifier out of range (m) = manual integration (+) = signals summed

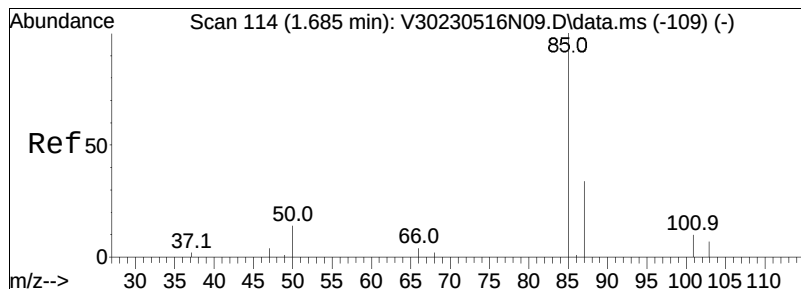
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230915A\
Data File : V30230915A02.D
Acq On : 15 Sep 2023 06:03 am
Operator : VOA130:MJV
Sample : WG1828105-4,31,10,10
Misc : WG1828105,ICAL20364
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 08:00:16 2023
Quant Method : K:\VOA130\2023\230915A\V130_230913A_8260D.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Sep 14 12:06:27 2023
Response via : Initial Calibration

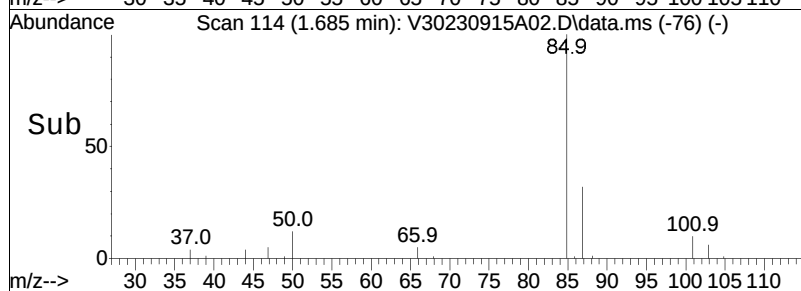
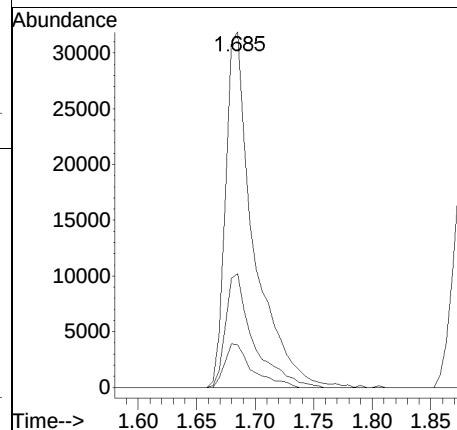
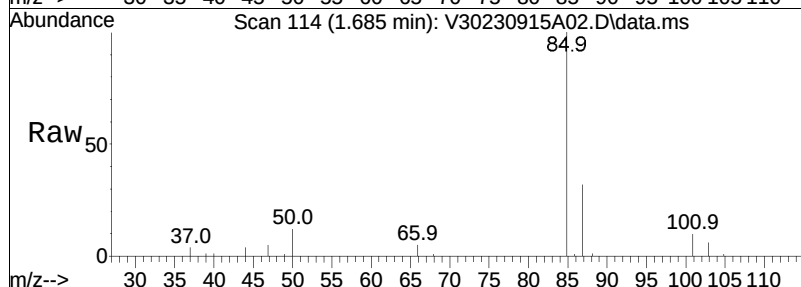
Sub List : 8260-Curve-Iodomethane - Megamix plus Diox-Iodomethane

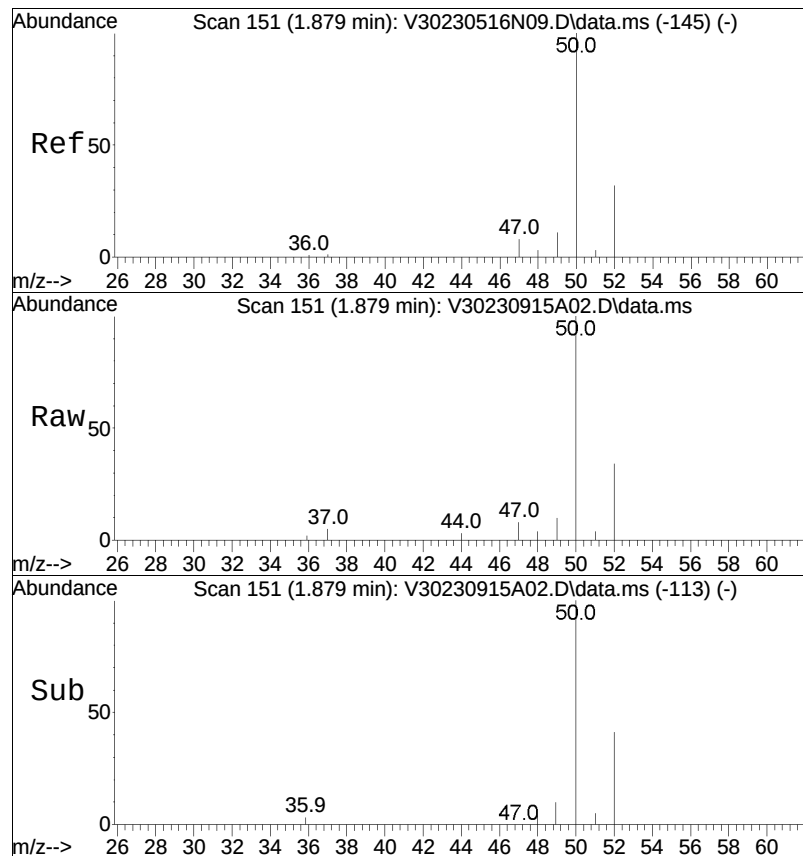




#2
 Dichlorodifluoromethane
 Concen: 11.64 ug/L
 RT: 1.685 min Scan# 114
 Delta R.T. -0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

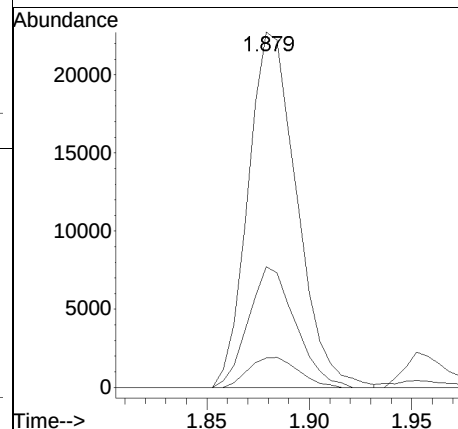
Tgt Ion: 85 Resp: 53396
 Ion Ratio Lower Upper
 85 100
 87 31.7 20.2 42.0
 50 12.0 10.1 20.9

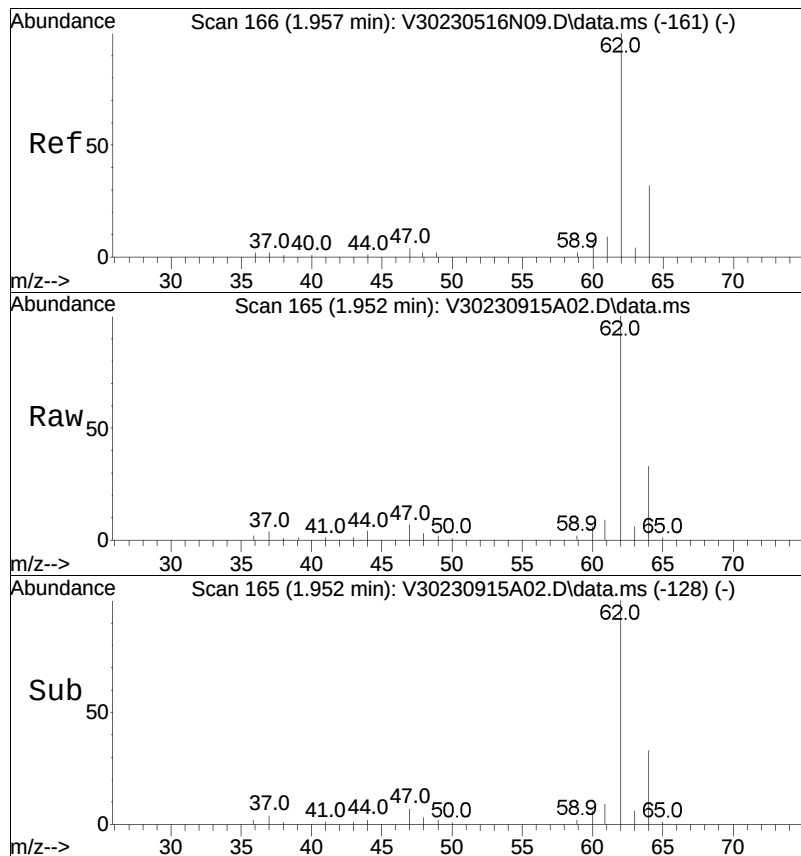




#3
 Chloromethane
 Concen: 10.58 ug/L
 RT: 1.879 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

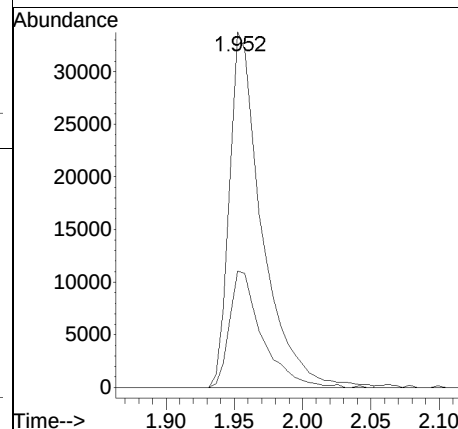
Tgt	Ion: 50	Resp:	37551
Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.1	37.7
47	8.6	6.5	9.7

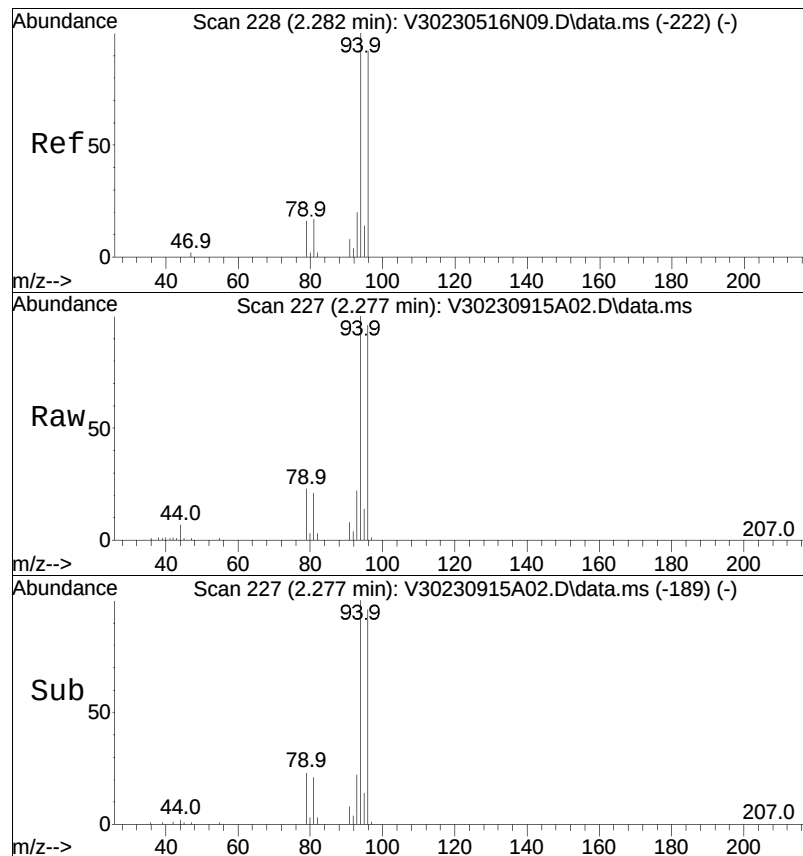




#4
 Vinyl chloride
 Concen: 12.71 ug/L
 RT: 1.952 min Scan# 165
 Delta R.T. -0.005 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

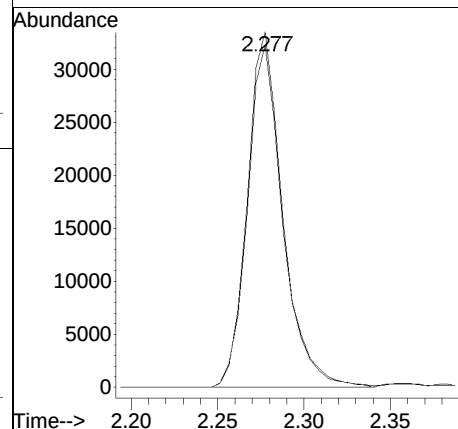
Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.7	38.5

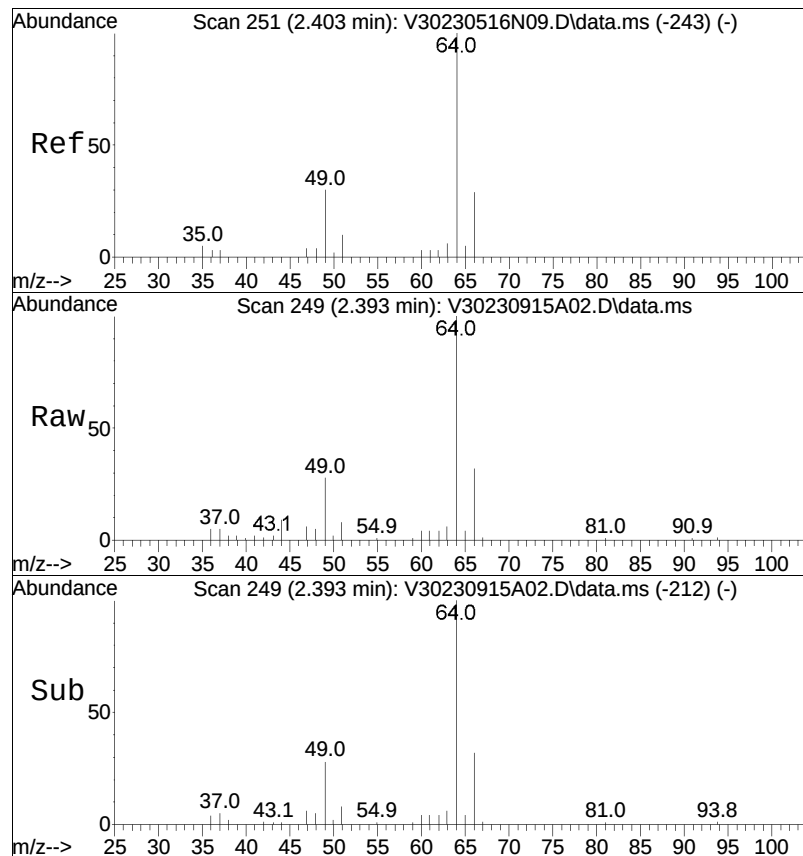




#5
 Bromomethane
 Concen: 9.18 ug/L
 RT: 2.277 min Scan# 227
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

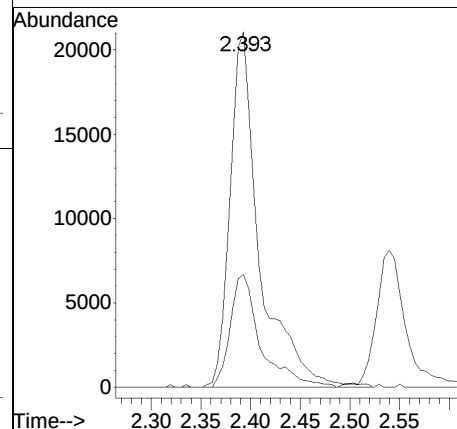
Tgt Ion	Ratio	Lower	Upper
94	100		
96	95.8	73.7	110.5

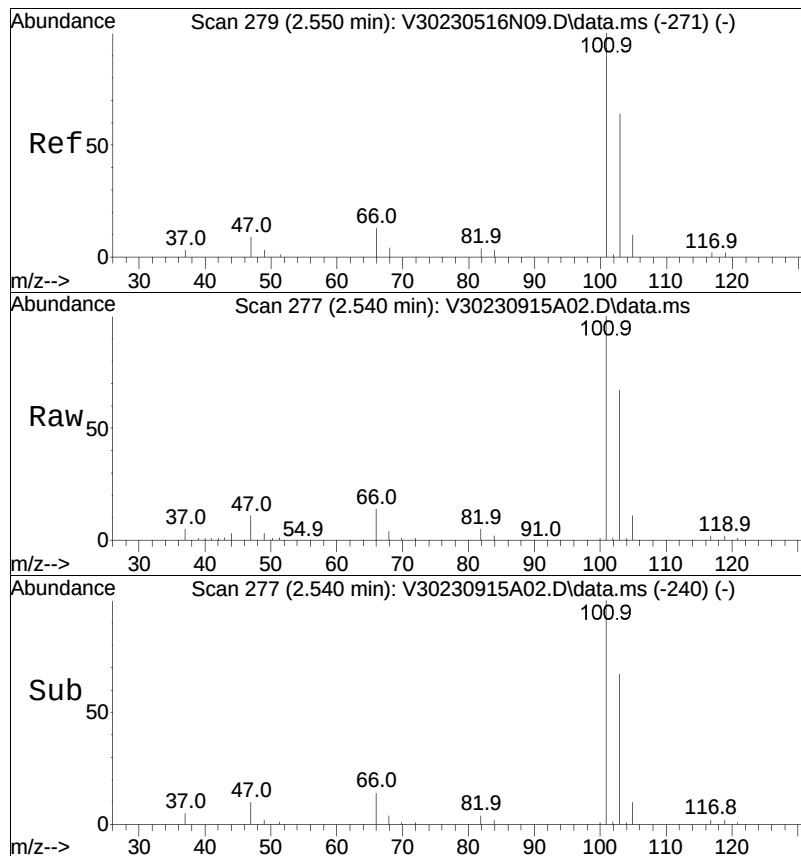




#6
 Chloroethane
 Concen: 12.67 ug/L
 RT: 2.393 min Scan# 249
 Delta R.T. -0.005 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

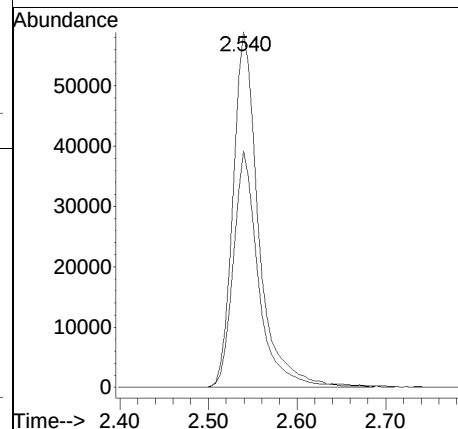
Tgt Ion	Ratio	Lower	Upper
64	100		
66	32.8	25.3	37.9

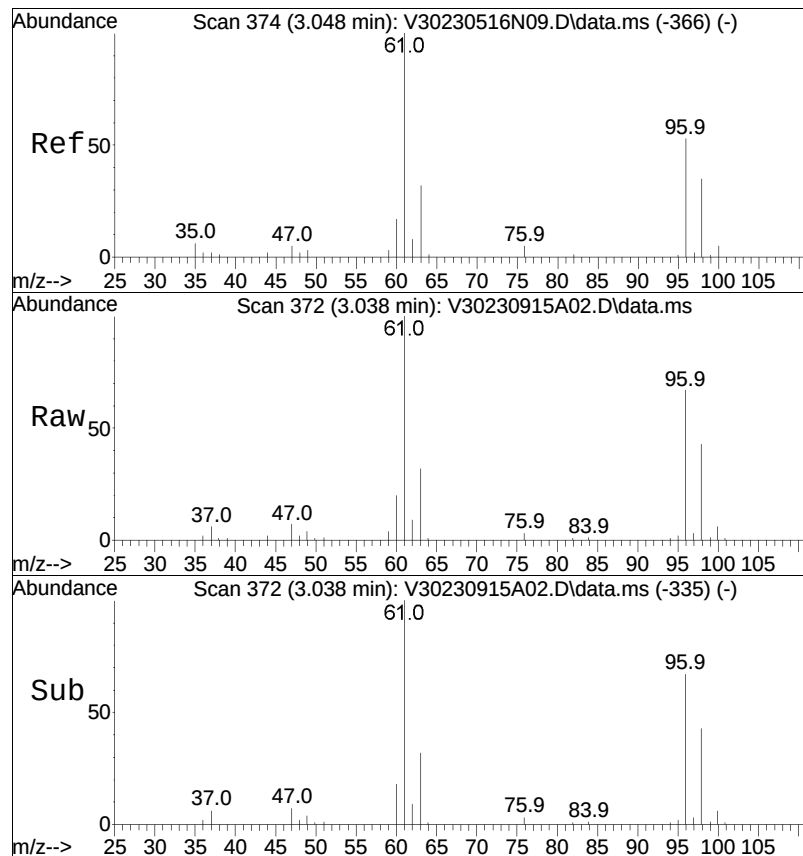




#7
 Trichlorofluoromethane
 Concen: 13.93 ug/L
 RT: 2.540 min Scan# 277
 Delta R.T. -0.005 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

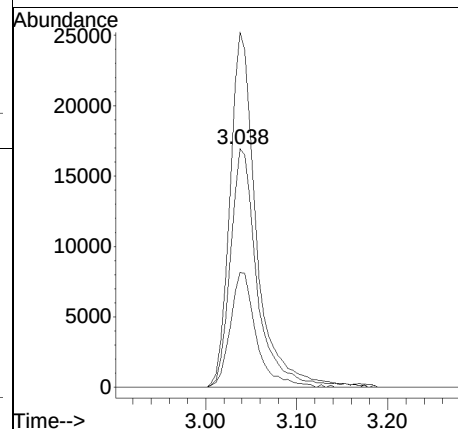
Tgt	Ion	Ratio	Lower	Upper
101	101	100		
103	65.1	51.0	76.4	

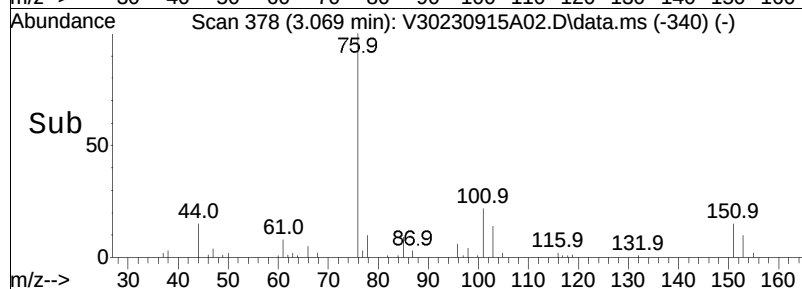
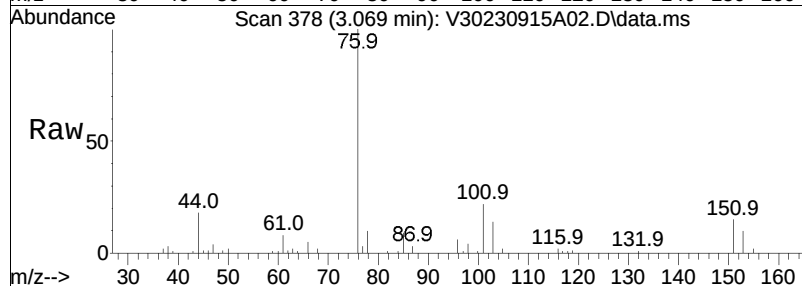
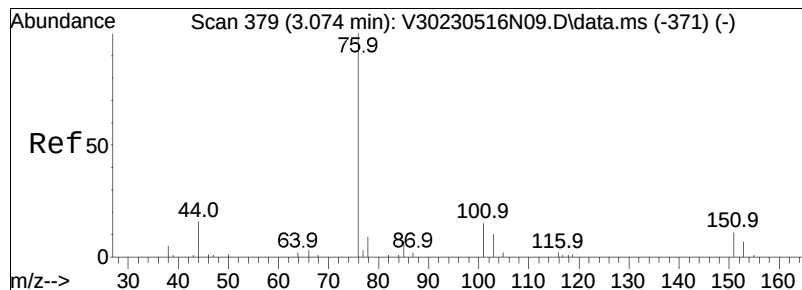




#10
 1,1-Dichloroethene
 Concen: 11.76 ug/L
 RT: 3.038 min Scan# 372
 Delta R.T. -0.005 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

Tgt Ion:	96	Resp:	35049
Ion Ratio	Lower	Upper	
96	100		
61	145.1	165.5	248.3#
63	46.5	51.9	77.9#





#11

Carbon disulfide

Concen: 10.58 ug/L

RT: 3.069 min Scan# 378

Delta R.T. 0.000 min

Lab File: V30230915A02.D

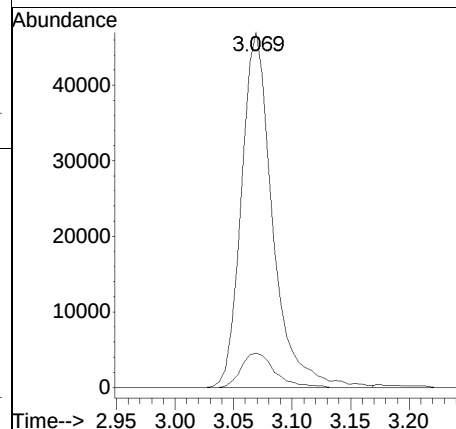
Acq: 15 Sep 2023 06:03 am

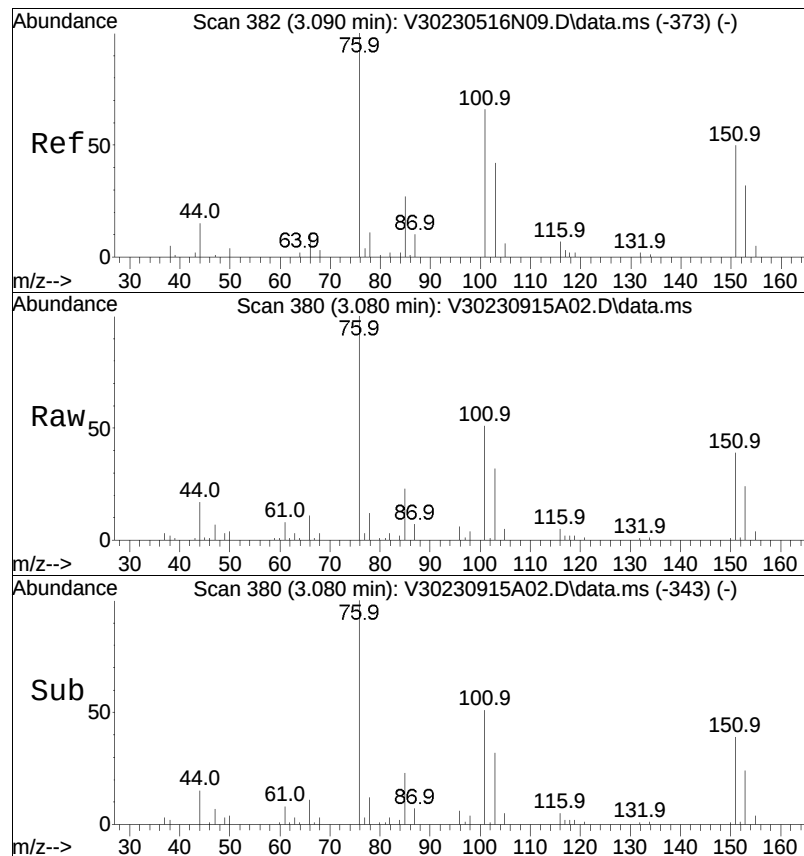
Tgt Ion: 76 Resp: 87202

Ion Ratio Lower Upper

76 100

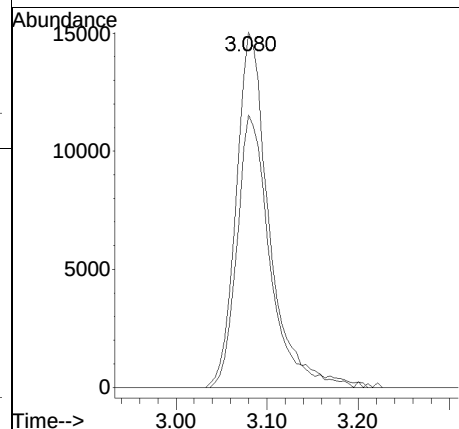
78 10.4 6.4 13.4

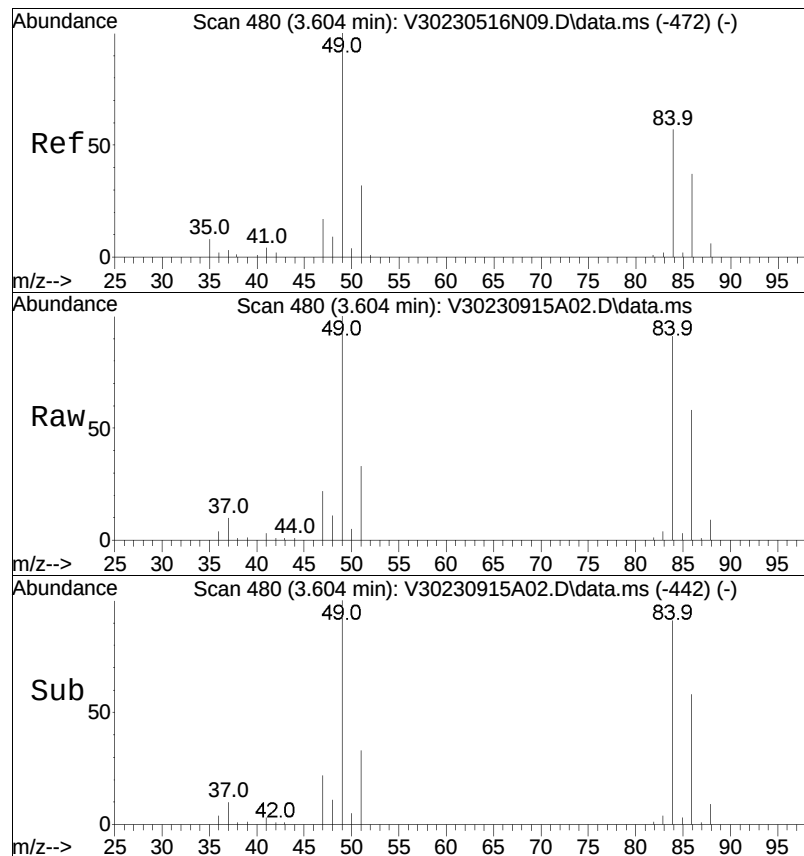




#12
 Freon-113
 Concen: 12.00 ug/L
 RT: 3.080 min Scan# 380
 Delta R.T. -0.005 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

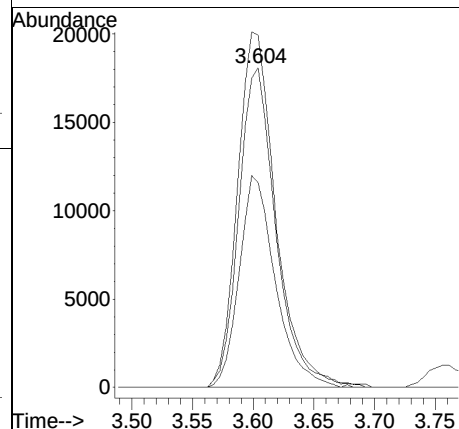
Tgt Ion:101 Resp: 38071
 Ion Ratio Lower Upper
 101 100
 151 76.6 51.9 77.9

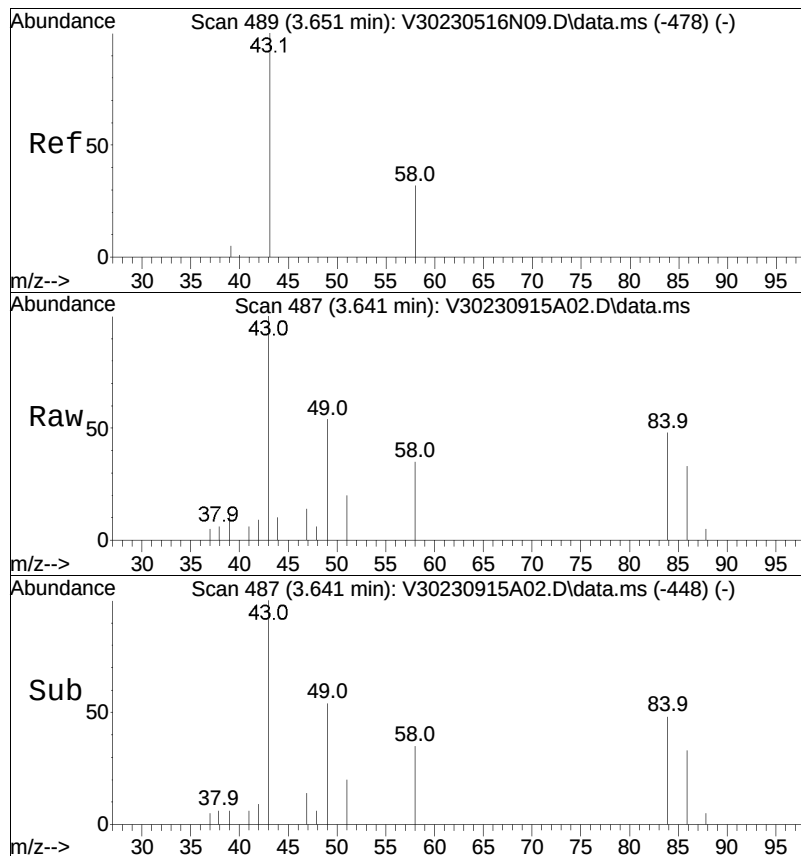




#15
 Methylene chloride
 Concen: 11.31 ug/L
 RT: 3.604 min Scan# 480
 Delta R.T. -0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

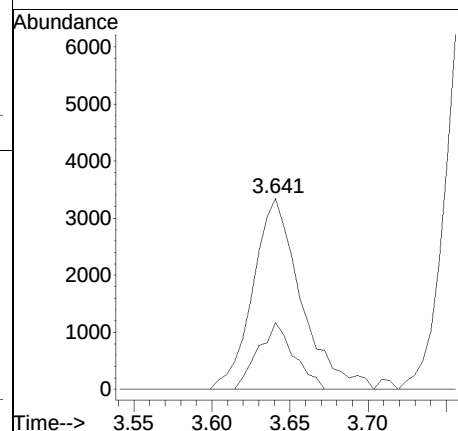
Tgt Ion:	84	Resp:	38579
Ion Ratio	Lower	Upper	
84	100		
86	64.7	41.7	86.5
49	114.6	103.9	215.9

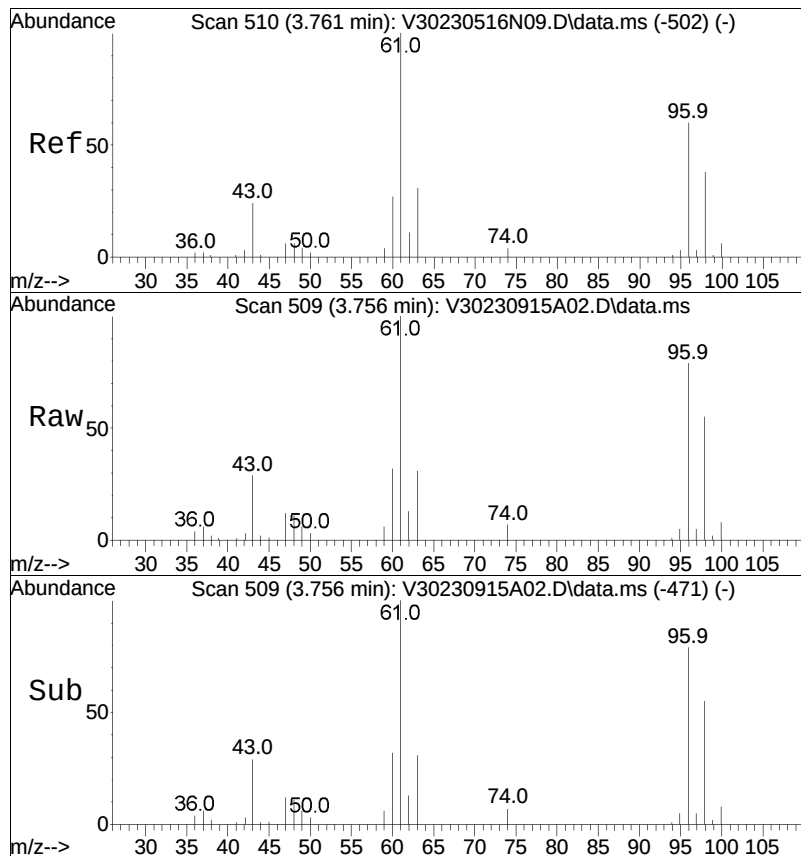




#17
Acetone
Concen: 13.28 ug/L
RT: 3.641 min Scan# 487
Delta R.T. 0.006 min
Lab File: V30230915A02.D
Acq: 15 Sep 2023 06:03 am

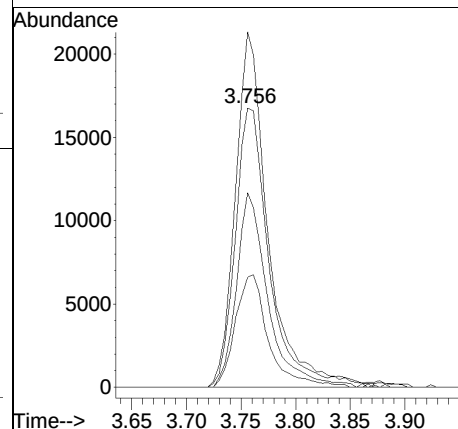
Tgt Ion: 43 Resp: 7184
Ion Ratio Lower Upper
43 100
58 26.1 20.1 30.1

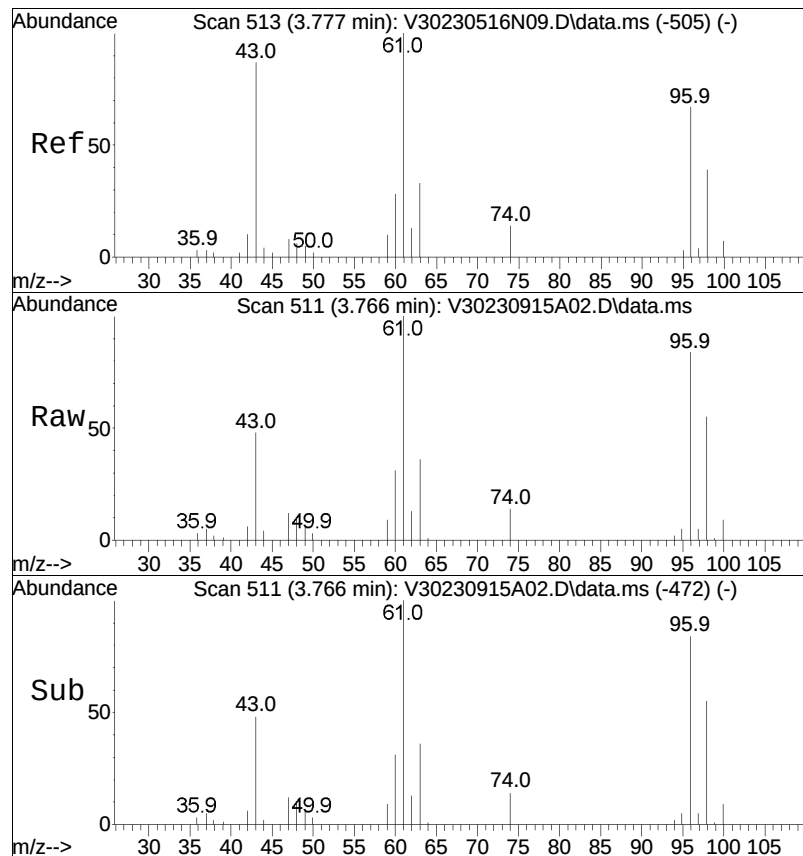




#18
 trans-1,2-Dichloroethene
 Concen: 11.05 ug/L
 RT: 3.756 min Scan# 509
 Delta R.T. -0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

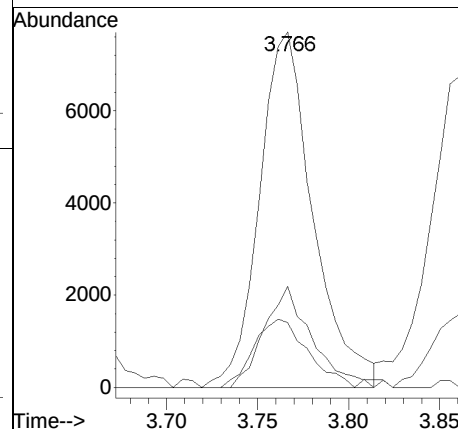
Tgt Ion:	96	Resp:	36713
Ion Ratio	Lower	Upper	
96	100		
61	121.4	113.6	236.0
98	64.0	40.8	84.8
63	39.1	36.5	75.7

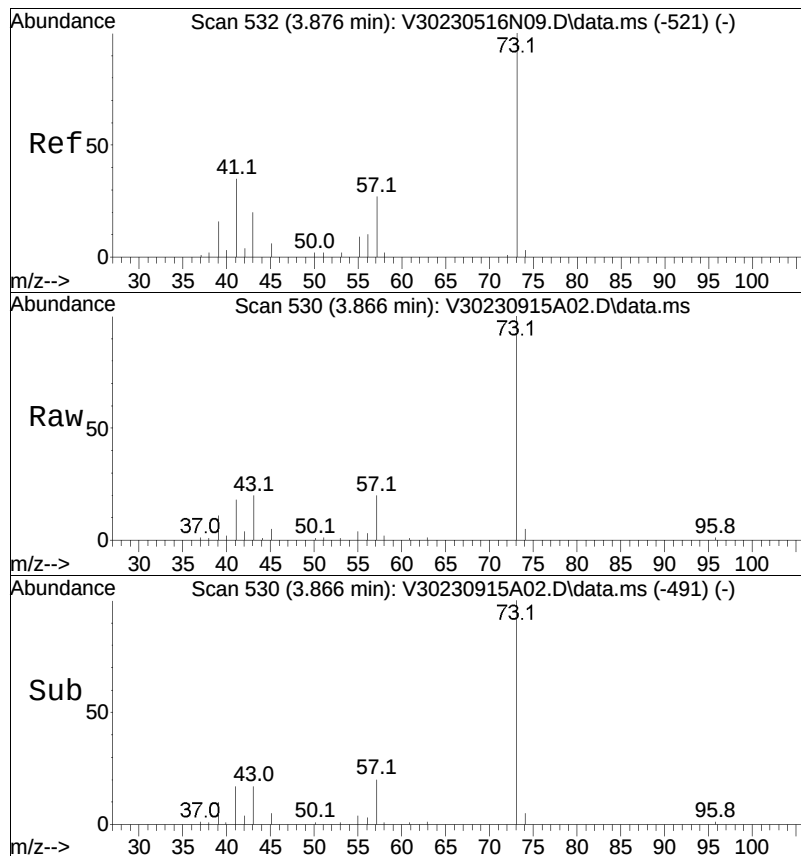




#19
Methyl acetate
Concen: 12.25 ug/L
RT: 3.766 min Scan# 511
Delta R.T. 0.005 min
Lab File: V30230915A02.D
Acq: 15 Sep 2023 06:03 am

Tgt Ion:	43	Resp:	15819
Ion Ratio	Lower	Upper	
43	100		
74	25.8	14.6	22.0#
59	19.3	9.3	13.9#





#21

Methyl tert-butyl ether

Concen: 12.36 ug/L

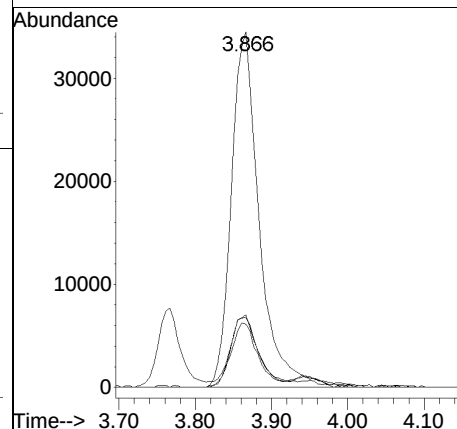
RT: 3.866 min Scan# 530

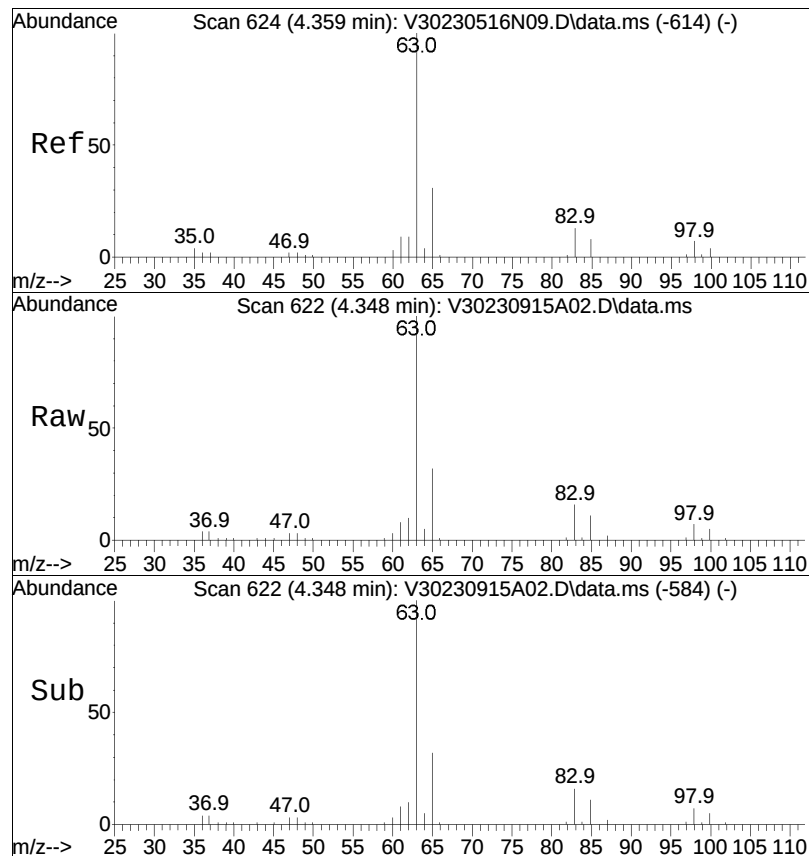
Delta R.T. 0.005 min

Lab File: V30230915A02.D

Acq: 15 Sep 2023 06:03 am

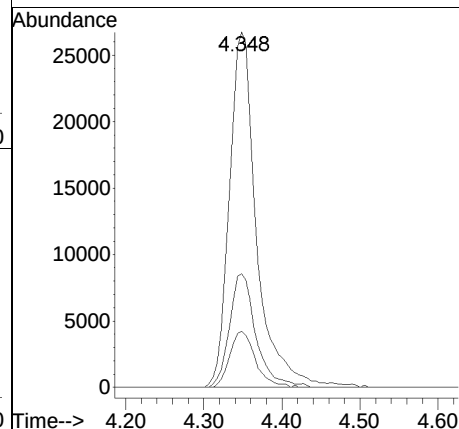
Tgt Ion:	73	Resp:	88758
Ion	Ratio	Lower	Upper
73	100		
57	19.8	15.5	32.1
43	20.2	16.6	34.6
41	17.6	17.2	35.6

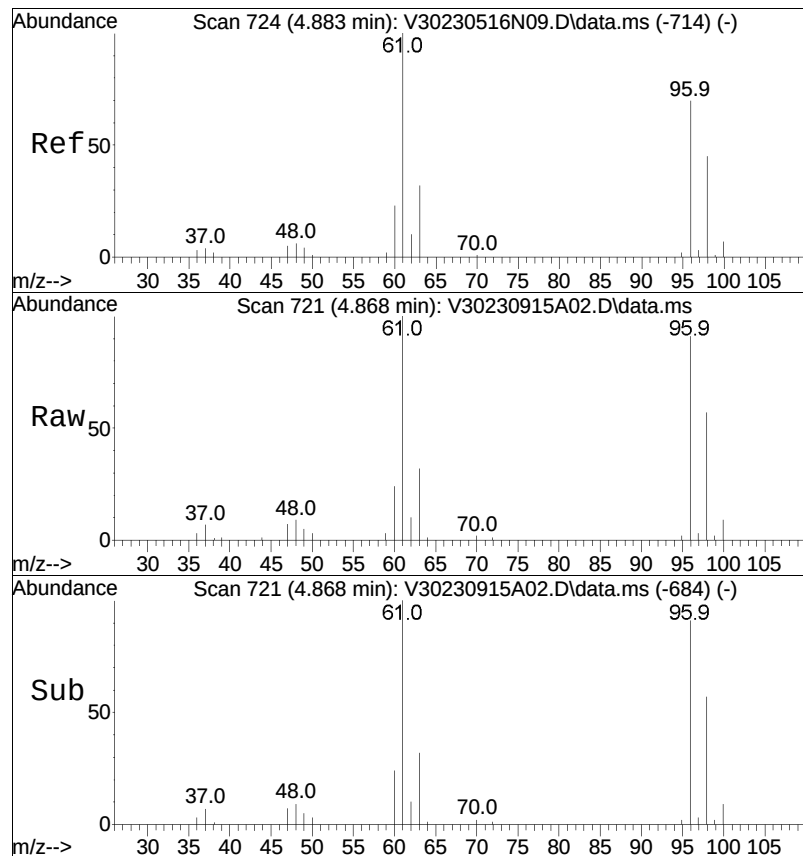




#25
 1,1-Dichloroethane
 Concen: 11.29 ug/L
 RT: 4.348 min Scan# 622
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

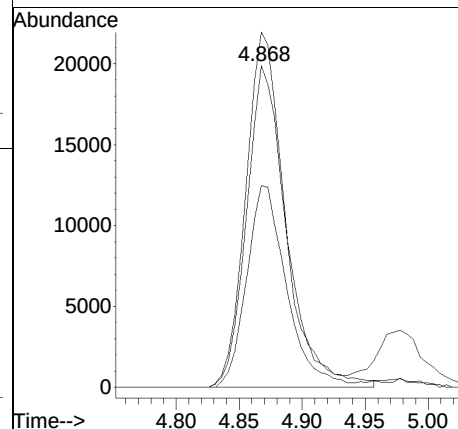
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.5	36.7
83	14.9	8.9	13.3

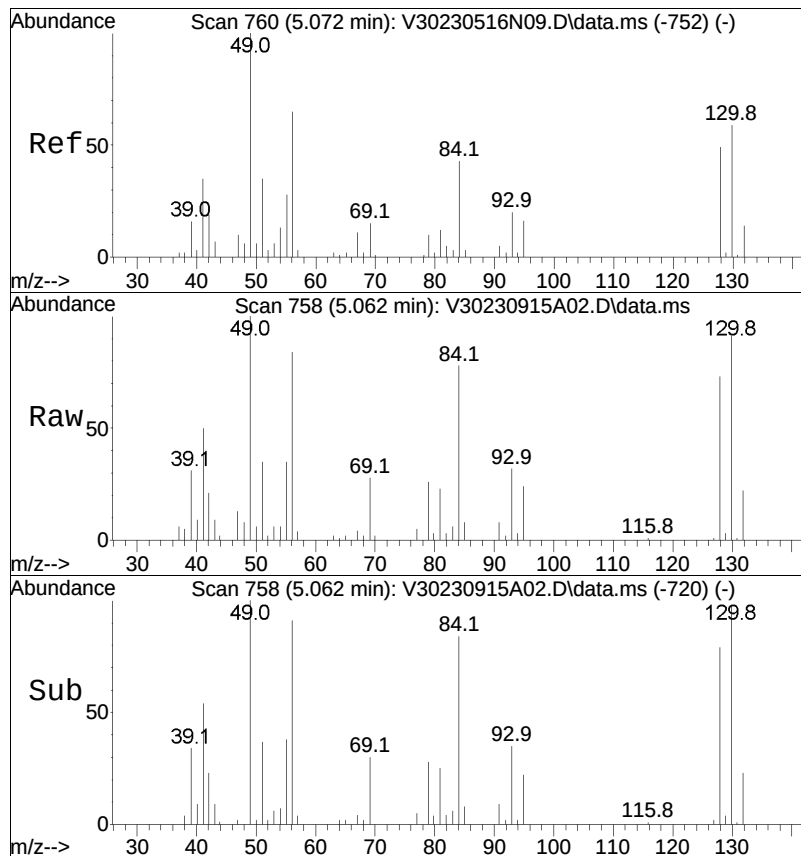




#30
 cis-1,2-Dichloroethene
 Concen: 11.50 ug/L
 RT: 4.868 min Scan# 721
 Delta R.T. -0.005 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

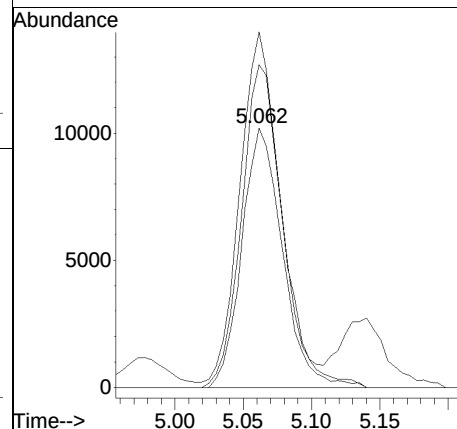
Tgt Ion	Ratio	Lower	Upper
96	100		
61	110.3	129.3	193.9#
98	63.2	51.4	77.2

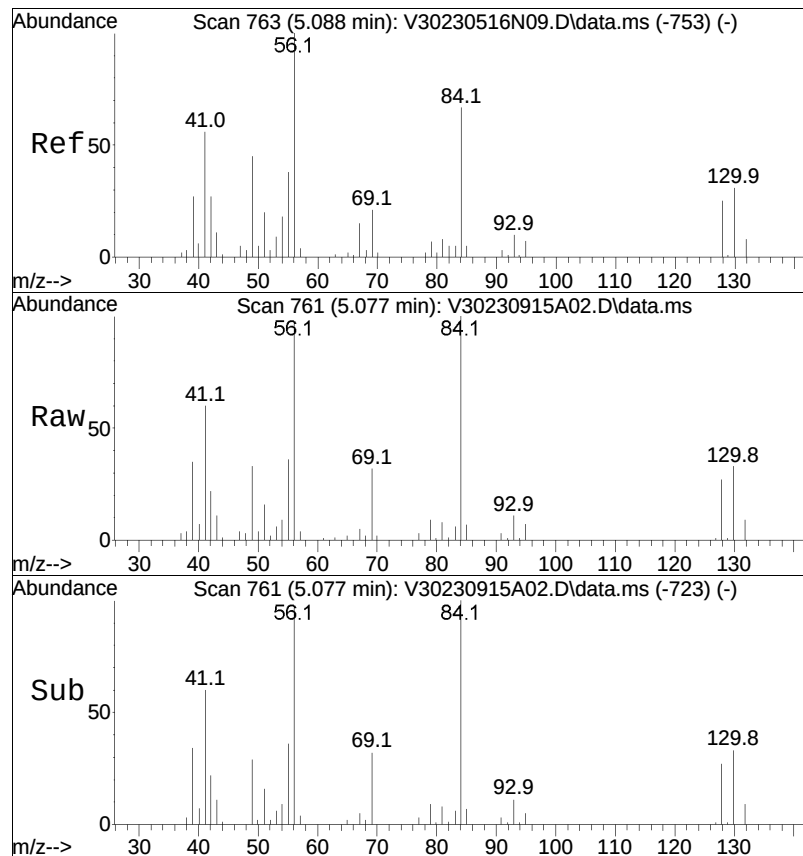




#33
 Bromochloromethane
 Concen: 11.64 ug/L
 RT: 5.062 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

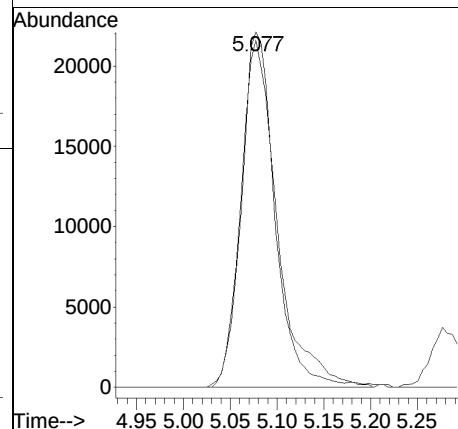
Tgt Ion	Ratio	Lower	Upper
128	100		
49	137.1	214.8	322.2#
130	126.7	105.4	158.2

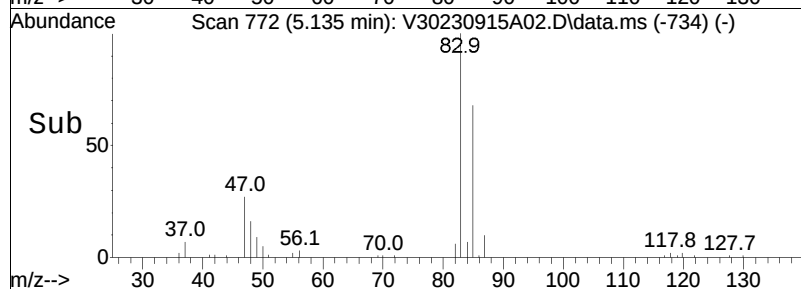
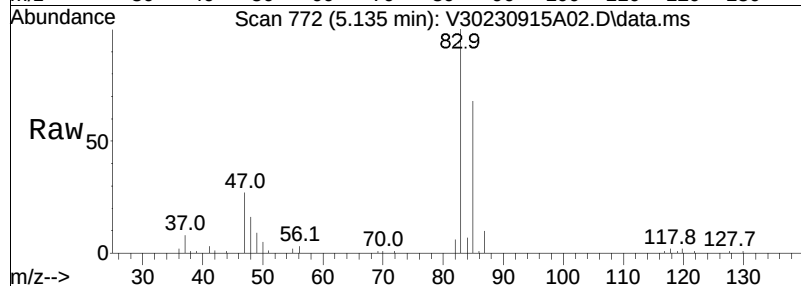
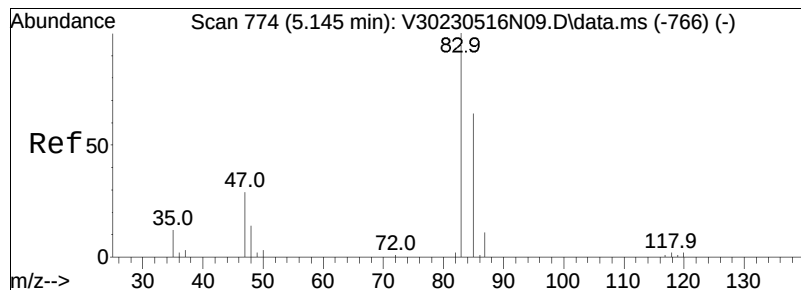




#34
 Cyclohexane
 Concen: 11.41 ug/L
 RT: 5.077 min Scan# 761
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

Tgt	Ion	Resp	Lower	Upper
56	100			
84	107.3	49.9	103.5#	





#35

Chloroform

Concen: 11.45 ug/L

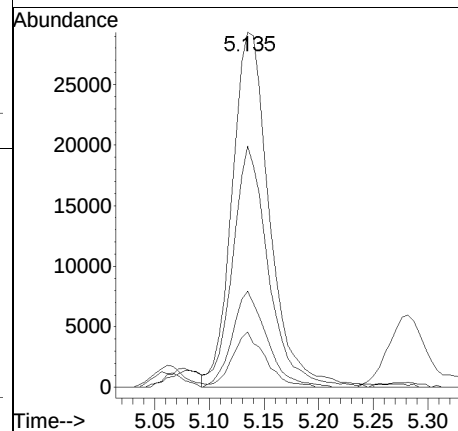
RT: 5.135 min Scan# 772

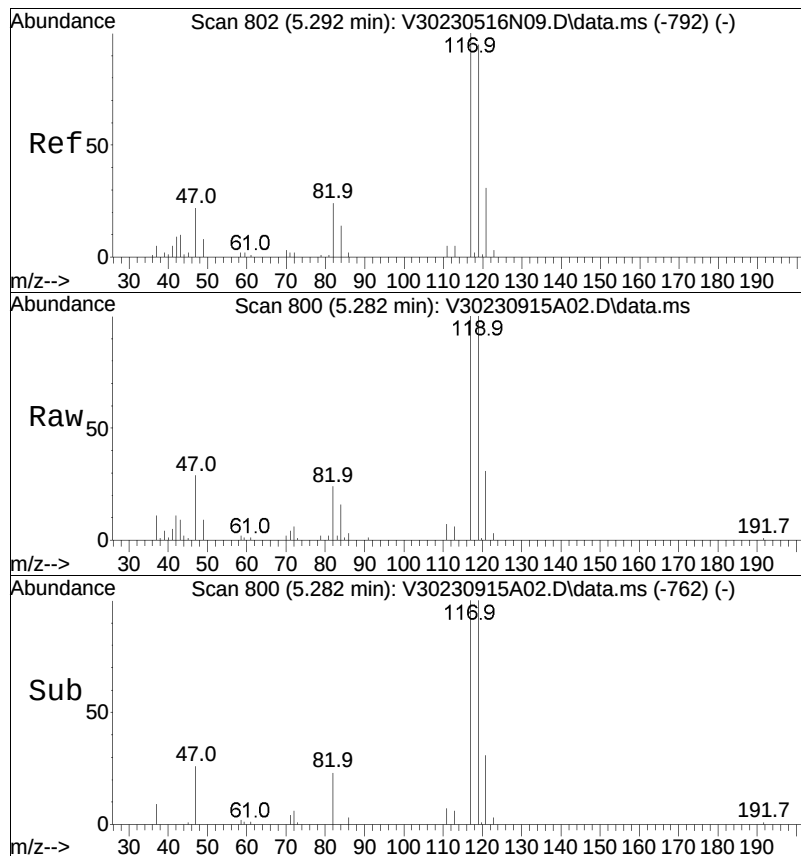
Delta R.T. 0.000 min

Lab File: V30230915A02.D

Acq: 15 Sep 2023 06:03 am

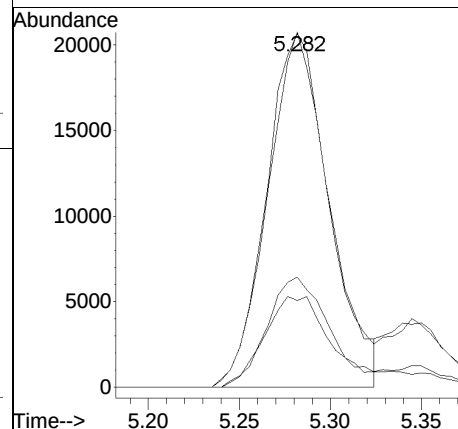
Tgt	Ion: 83	Resp:	70302
Ion	Ratio	Lower	Upper
83	100		
85	65.1	41.4	86.0
47	25.1	20.5	42.5
48	13.9	9.9	20.5

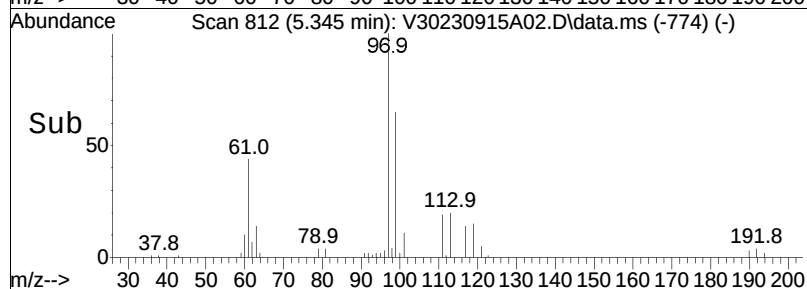
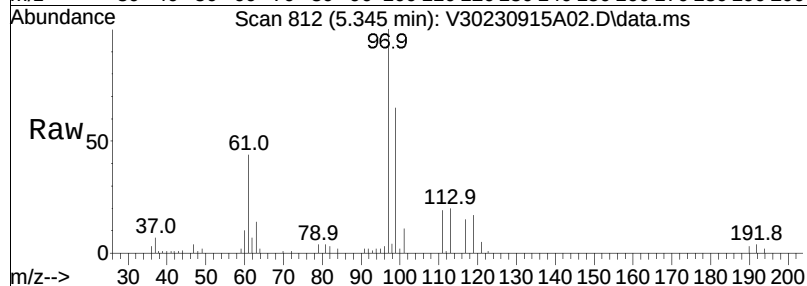
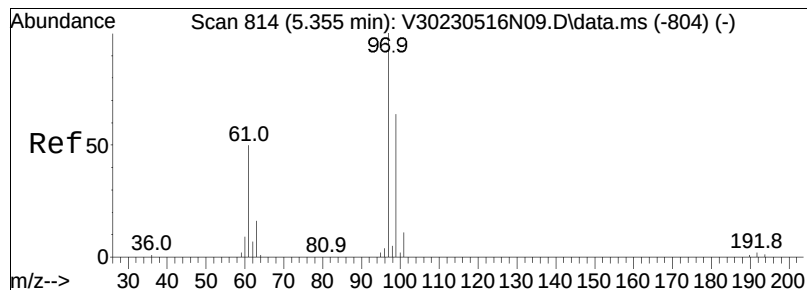




#37
 Carbon tetrachloride
 Concen: 10.80 ug/L
 RT: 5.282 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

Tgt Ion:	117	Resp:	49788
Ion Ratio	Lower	Upper	
117	100		
119	96.9	62.0	128.8
121	31.0	19.6	40.6
82	31.5	18.8	39.0





#40

1,1,1-Trichloroethane

Concen: 11.39 ug/L

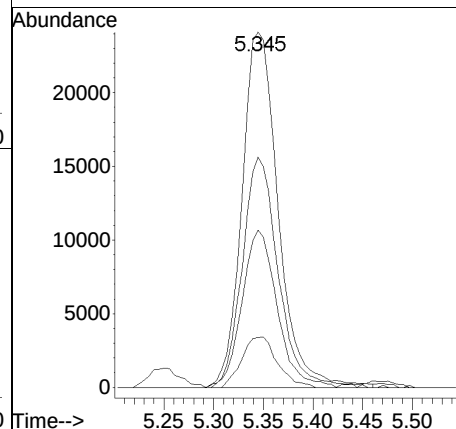
RT: 5.345 min Scan# 812

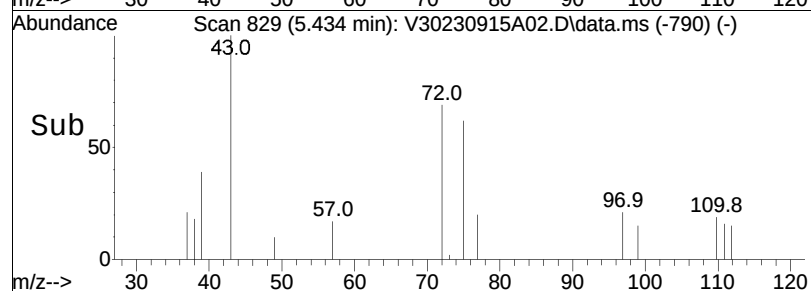
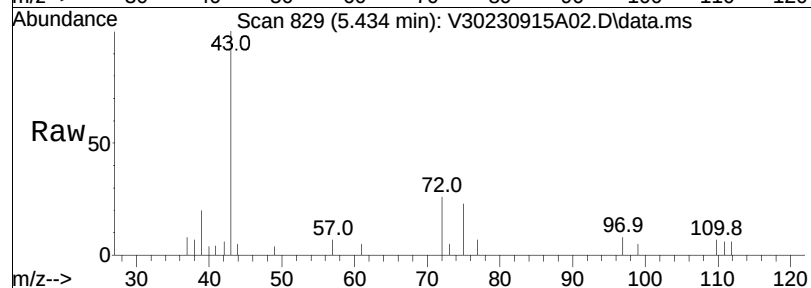
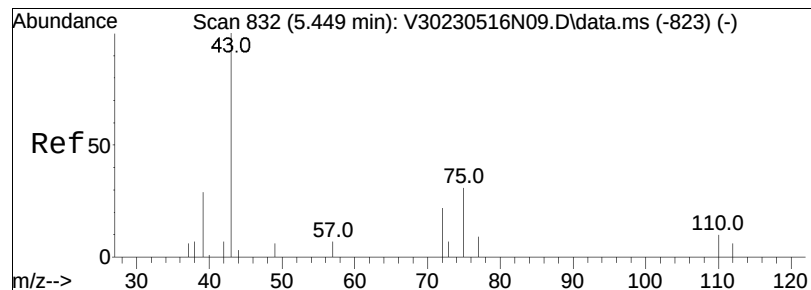
Delta R.T. 0.000 min

Lab File: V30230915A02.D

Acq: 15 Sep 2023 06:03 am

Tgt Ion:	97	Resp:	61274
Ion Ratio	Lower	Upper	
97	100		
99	64.1	40.6	84.4
61	42.9	35.0	72.8
63	13.9	11.1	23.0





#42

2-Butanone

Concen: 12.71 ug/L

RT: 5.434 min Scan# 829

Delta R.T. 0.005 min

Lab File: V30230915A02.D

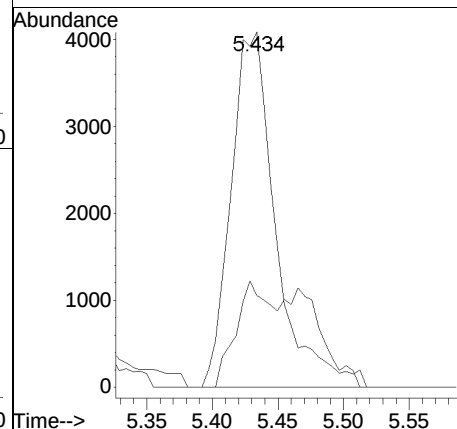
Acq: 15 Sep 2023 06:03 am

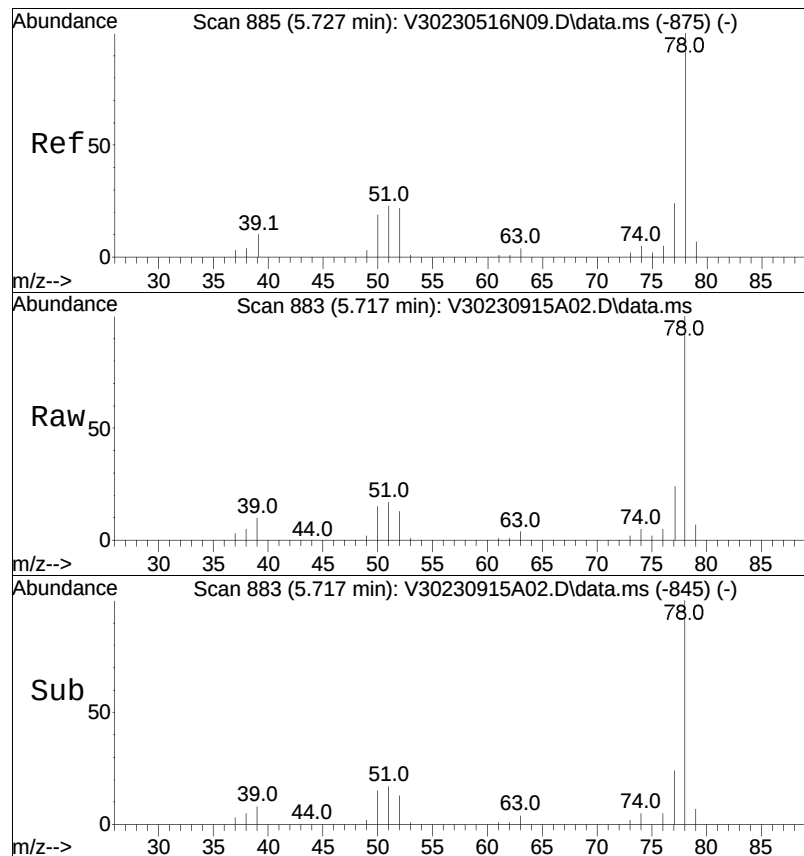
Tgt Ion: 43 Resp: 9695

Ion Ratio Lower Upper

43 100

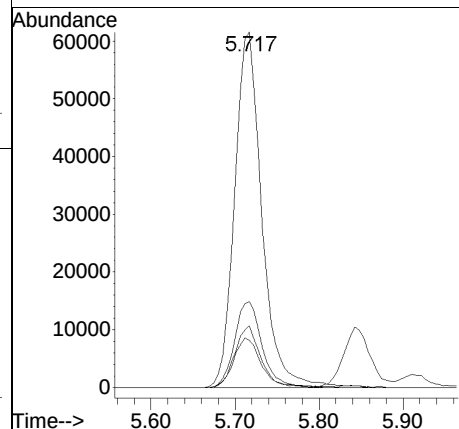
72 24.4 18.2 27.4

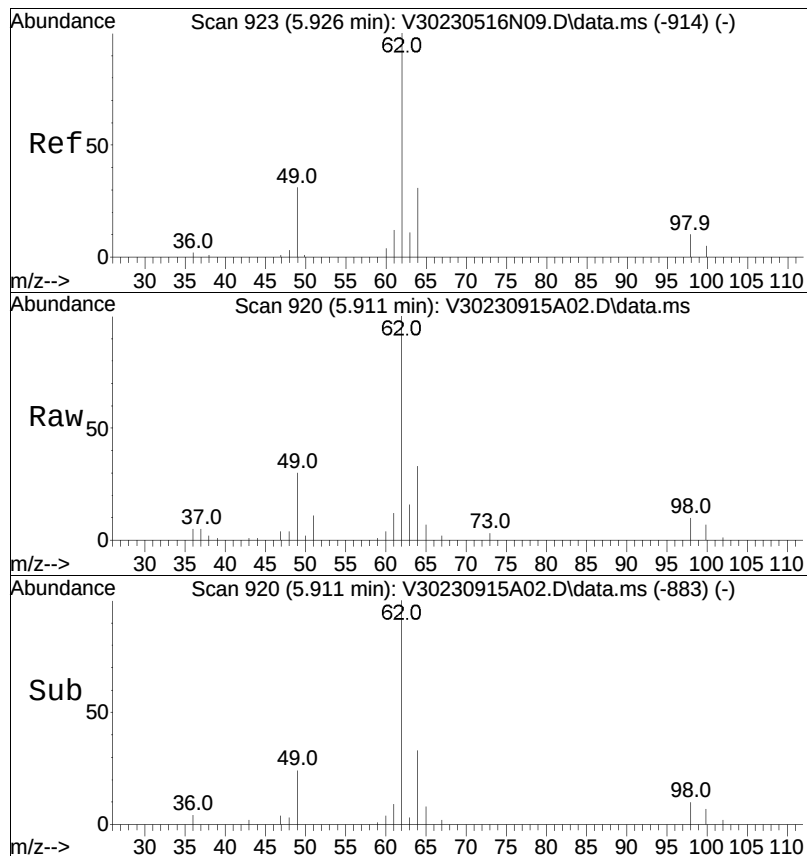




#45
Benzene
Concen: 11.28 ug/L
RT: 5.717 min Scan# 883
Delta R.T. 0.000 min
Lab File: V30230915A02.D
Acq: 15 Sep 2023 06:03 am

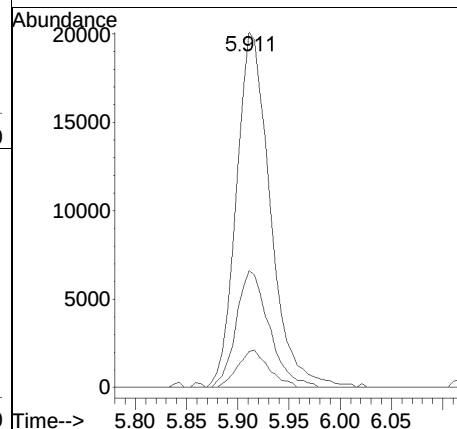
Tgt Ion:	78	Resp:	138369
Ion Ratio	Lower	Upper	
78	100		
77	24.5	15.6	32.4
51	16.5	12.9	26.7
52	13.9	12.4	25.7

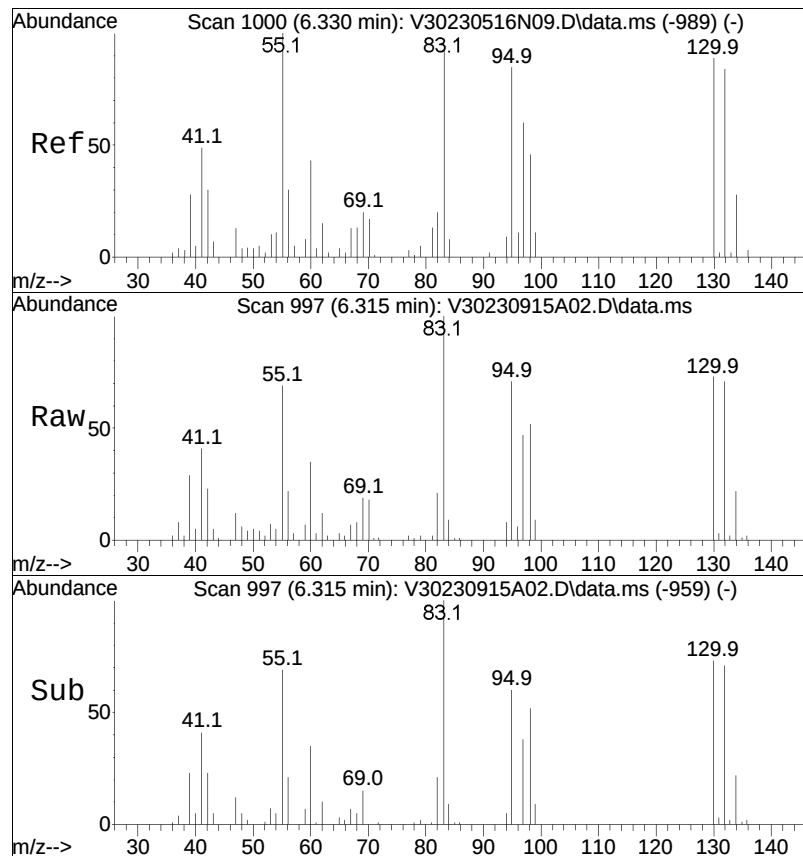




#48
 1,2-Dichloroethane
 Concen: 11.26 ug/L
 RT: 5.911 min Scan# 920
 Delta R.T. -0.005 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

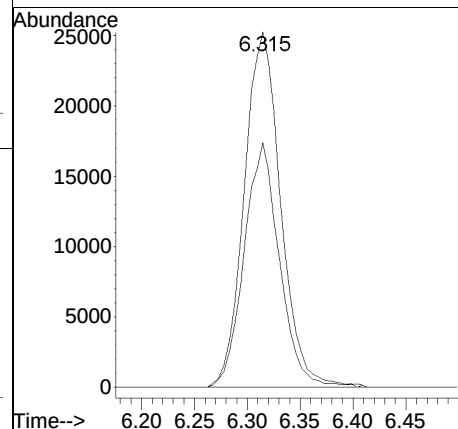
Tgt Ion:	62	Resp:	46337
Ion Ratio	Lower	Upper	
62	100		
64	32.1	25.5	38.3
98	9.7	5.5	8.3#

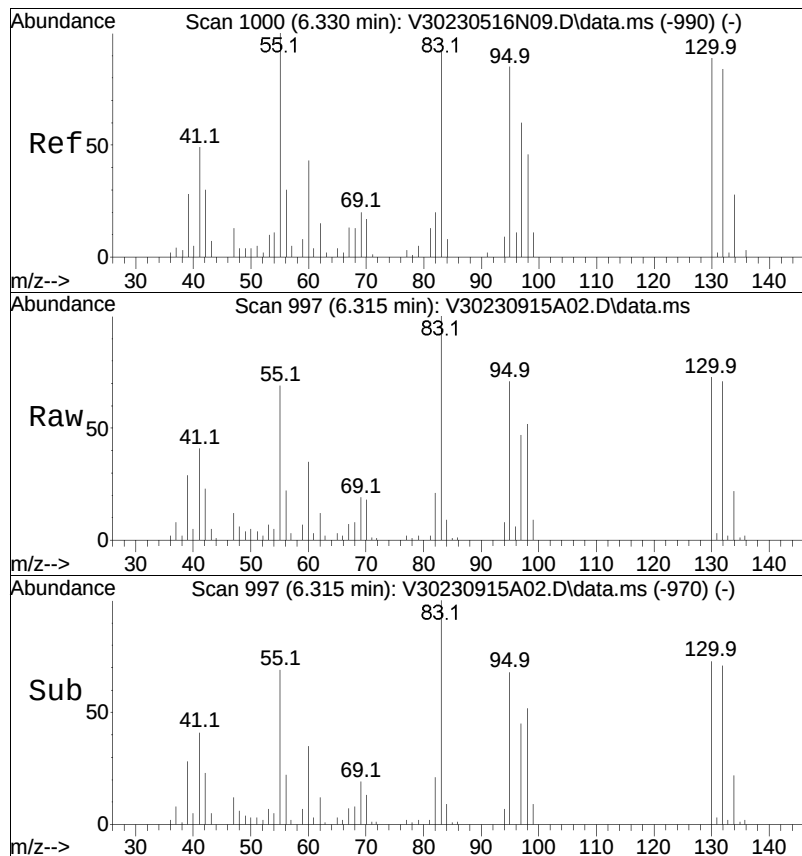




#51
 Methyl cyclohexane
 Concen: 11.30 ug/L
 RT: 6.315 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

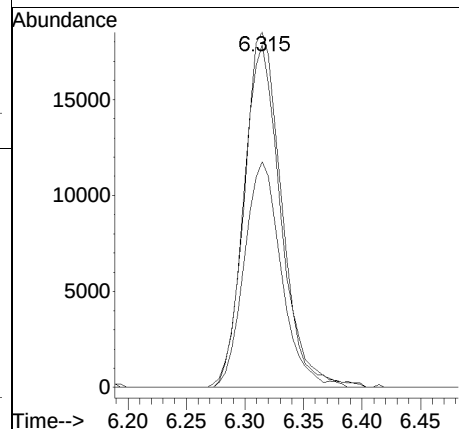
Tgt Ion:	83	Resp:	60795
Ion Ratio	100	Lower	Upper
55	66.7	74.6	112.0#

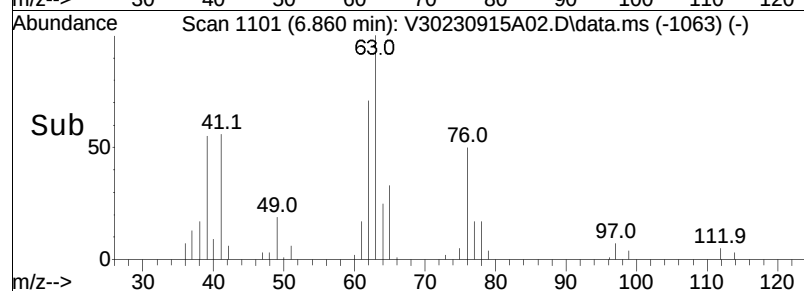
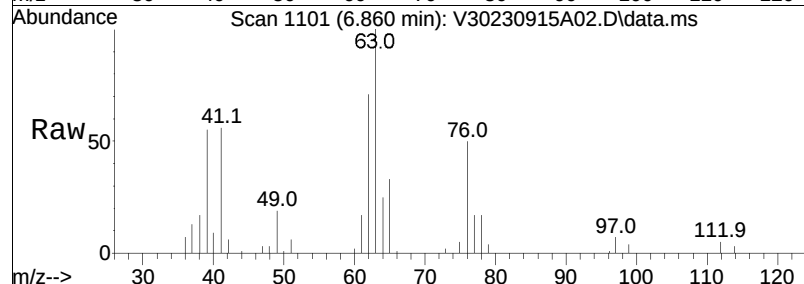
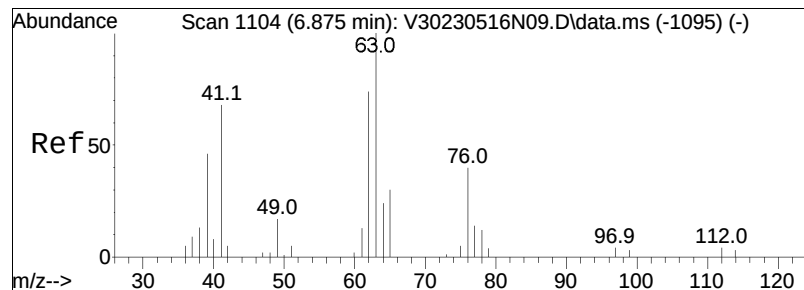




#52
 Trichloroethene
 Concen: 10.71 ug/L
 RT: 6.315 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

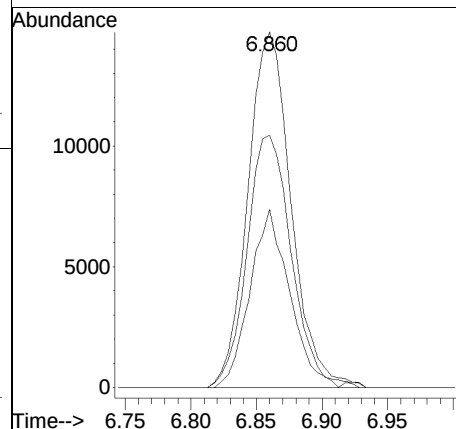
Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.5	53.8	80.6
130	105.3	71.4	107.0

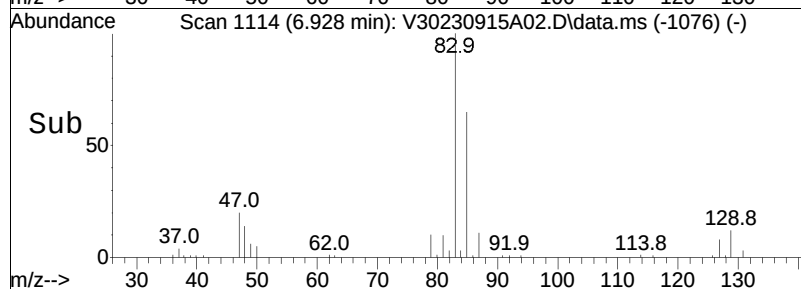
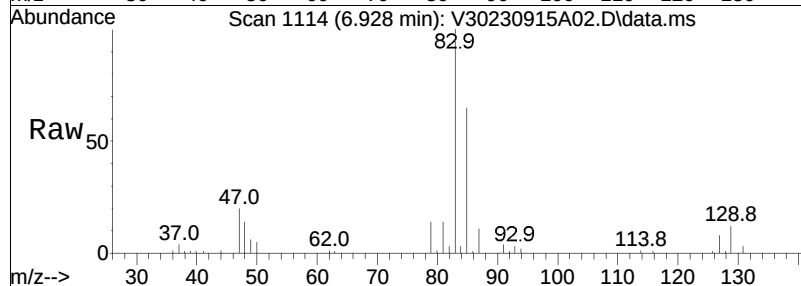
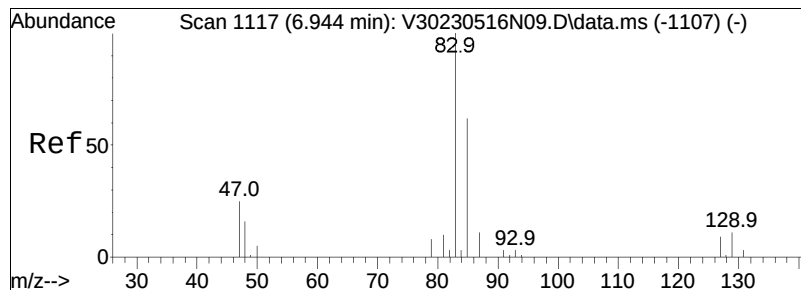




#55
 1,2-Dichloropropane
 Concen: 11.31 ug/L
 RT: 6.860 min Scan# 1101
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

Tgt Ion:	63	Resp:	33699
Ion Ratio	Lower	Upper	
63	100		
62	73.1	58.1	87.1
76	45.9	30.4	45.6#





#58

Bromodichloromethane

Concen: 11.22 ug/L

RT: 6.928 min Scan# 1114

Delta R.T. 0.000 min

Lab File: V30230915A02.D

Acq: 15 Sep 2023 06:03 am

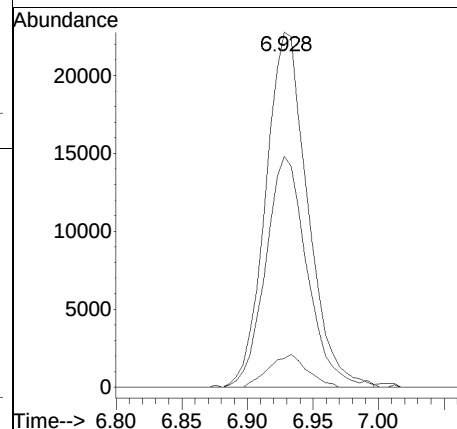
Tgt Ion: 83 Resp: 50846

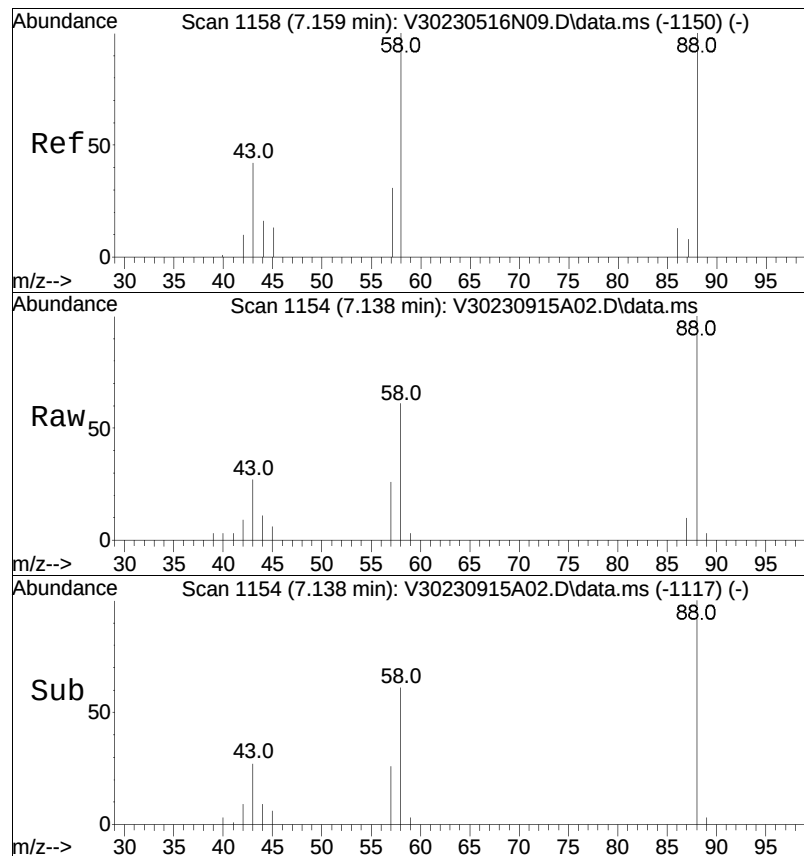
Ion Ratio Lower Upper

83 100

85 64.3 50.2 75.2

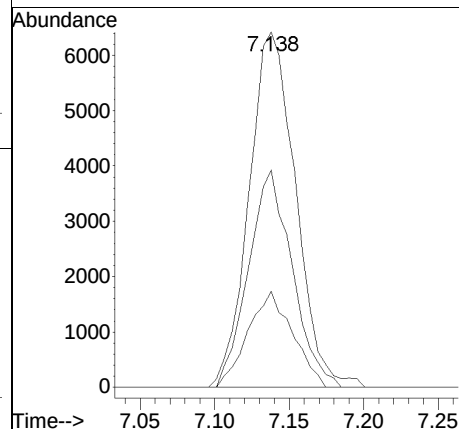
127 8.6 5.2 7.8#

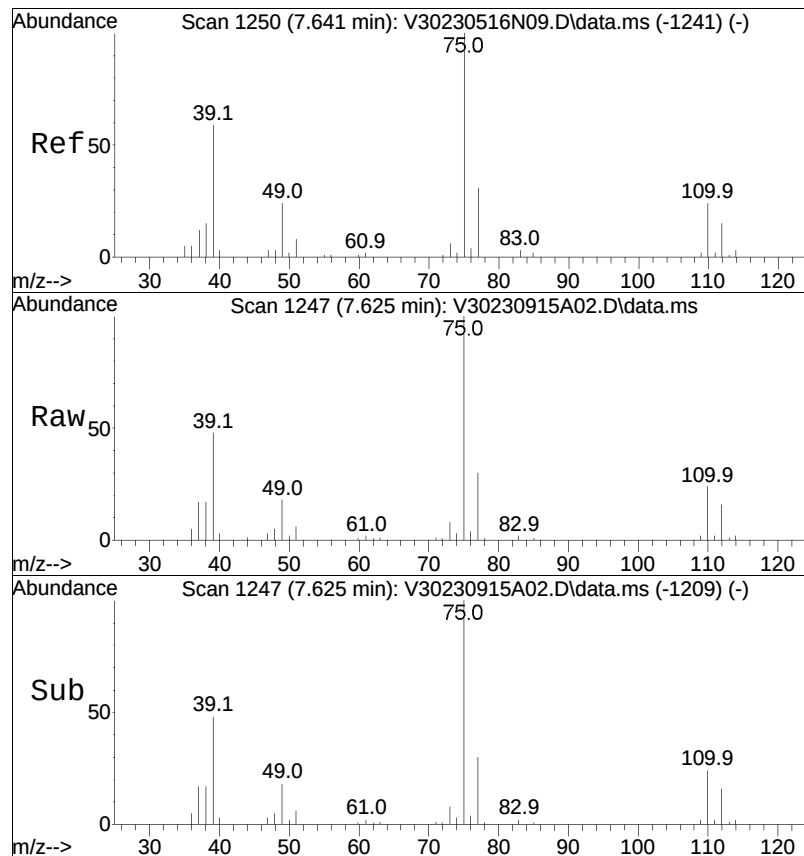




#61
 1,4-Dioxane
 Concen: 639.88 ug/L
 RT: 7.138 min Scan# 1154
 Delta R.T. -0.005 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

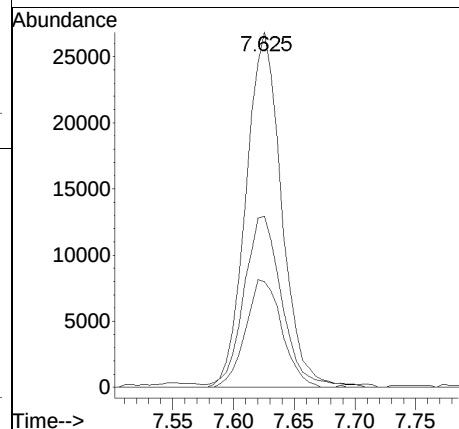
Tgt	Ion: 88	Resp:	13954
Ion	Ratio	Lower	Upper
88	100		
58	57.5	59.9	89.9#
43	25.9	30.8	46.2#

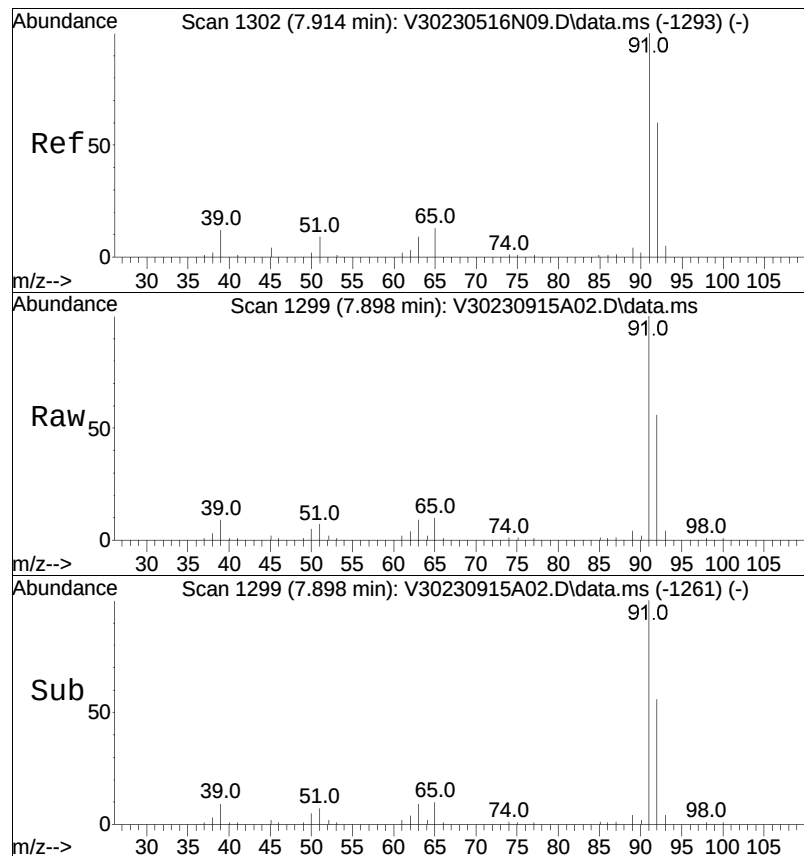




#62
 cis-1,3-Dichloropropene
 Concen: 11.25 ug/L
 RT: 7.625 min Scan# 1247
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

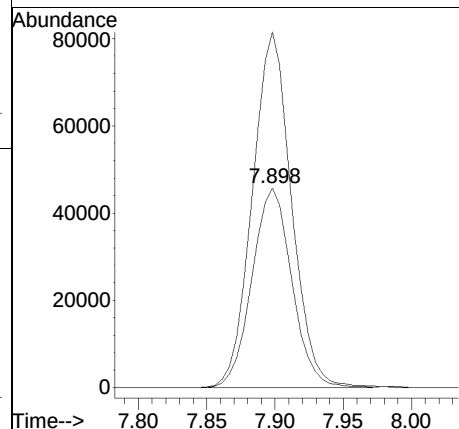
Tgt Ion:	75	Resp:	54818
Ion Ratio	Lower	Upper	
75	100		
77	30.9	25.4	38.2
39	51.9	54.6	82.0#

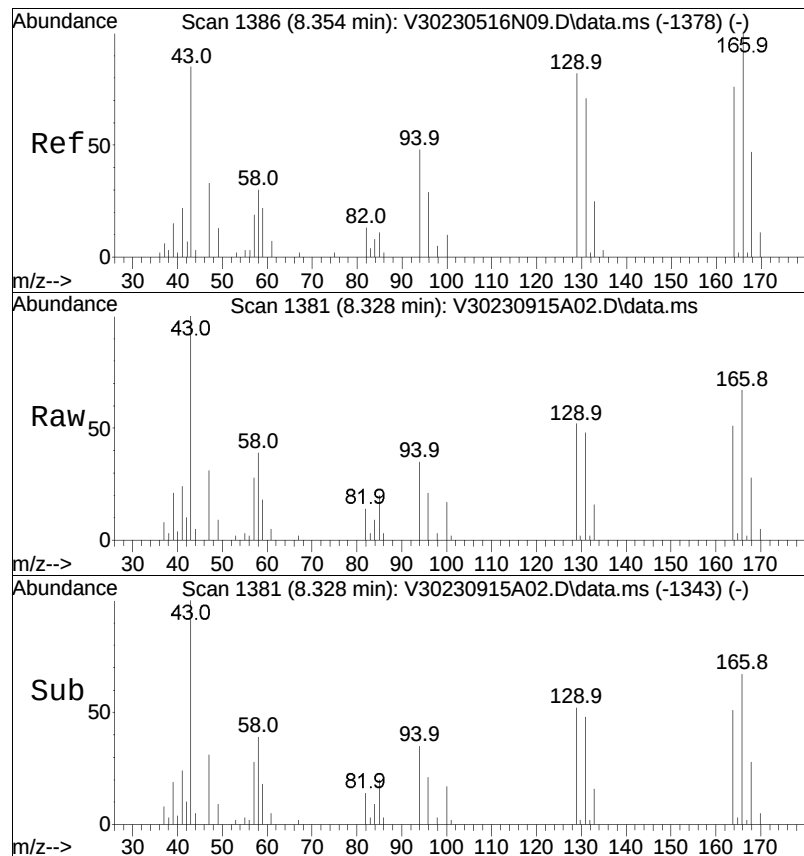




#65
 Toluene
 Concen: 11.03 ug/L
 RT: 7.898 min Scan# 1299
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

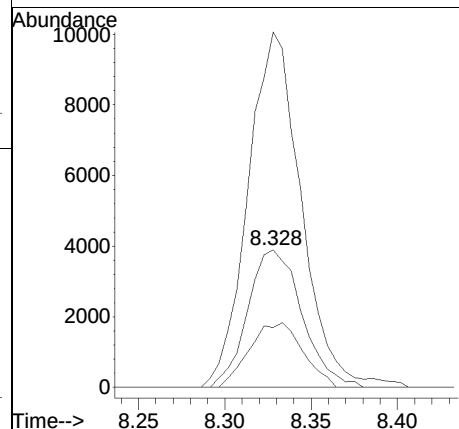
Tgt	Ion	Resp	Lower	Upper
92	100			
91	175.4	137.5	206.3	

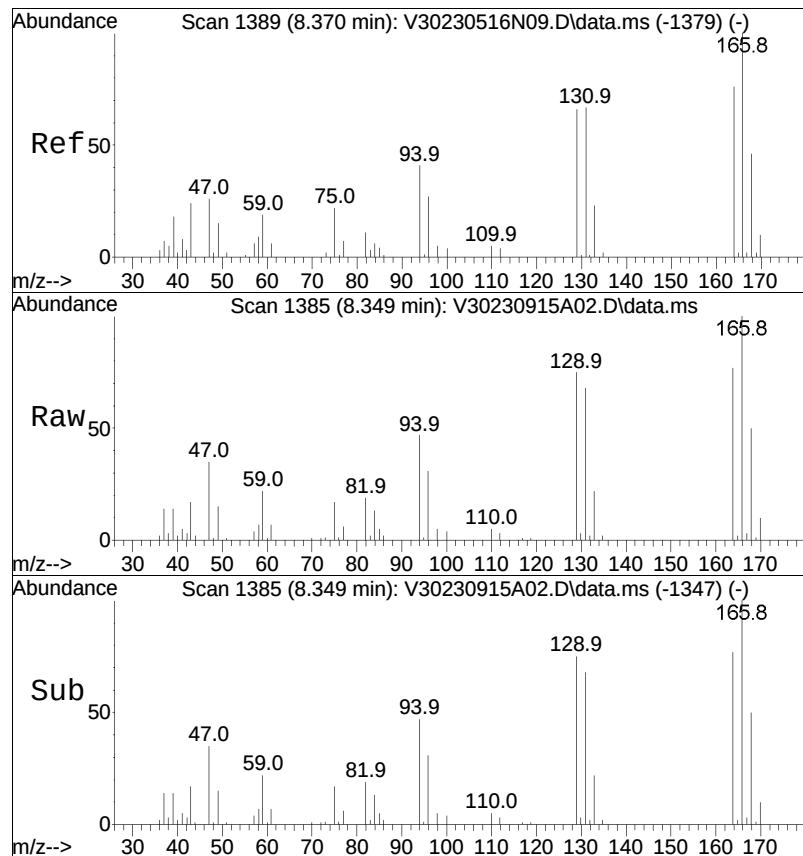




#66
 4-Methyl-2-pentanone
 Concen: 12.47 ug/L
 RT: 8.328 min Scan# 1381
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

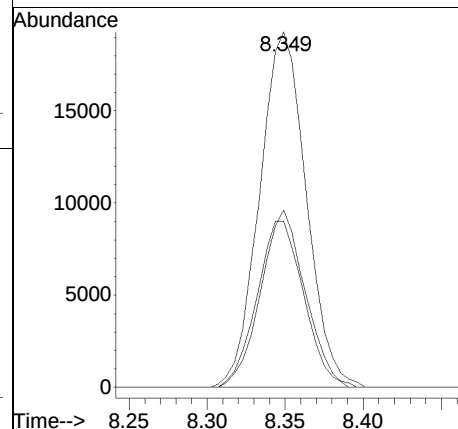
Tgt Ion	Ratio	Lower	Upper
58	100		
100	46.3	22.6	34.0#
43	253.2	234.6	351.8

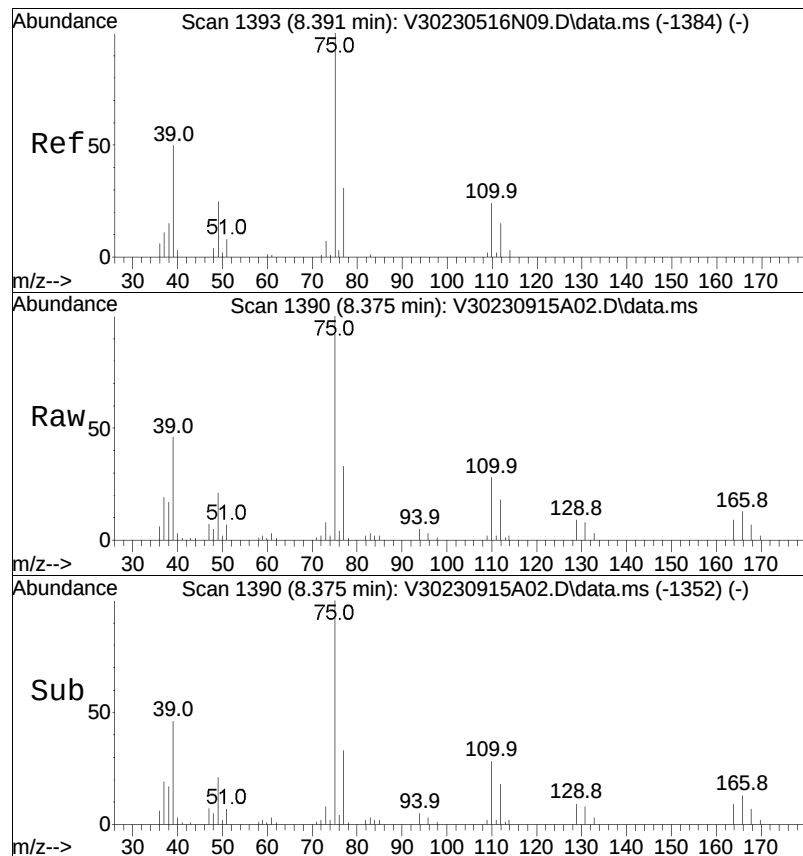




#67
Tetrachloroethene
Concen: 11.23 ug/L
RT: 8.349 min Scan# 1385
Delta R.T. 0.000 min
Lab File: V30230915A02.D
Acq: 15 Sep 2023 06:03 am

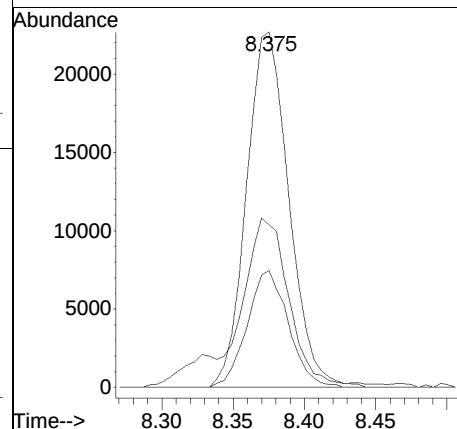
Tgt Ion:	166	Resp:	40130
Ion Ratio	Lower	Upper	
166	100		
168	47.7	38.6	58.0
94	46.8	42.6	63.8

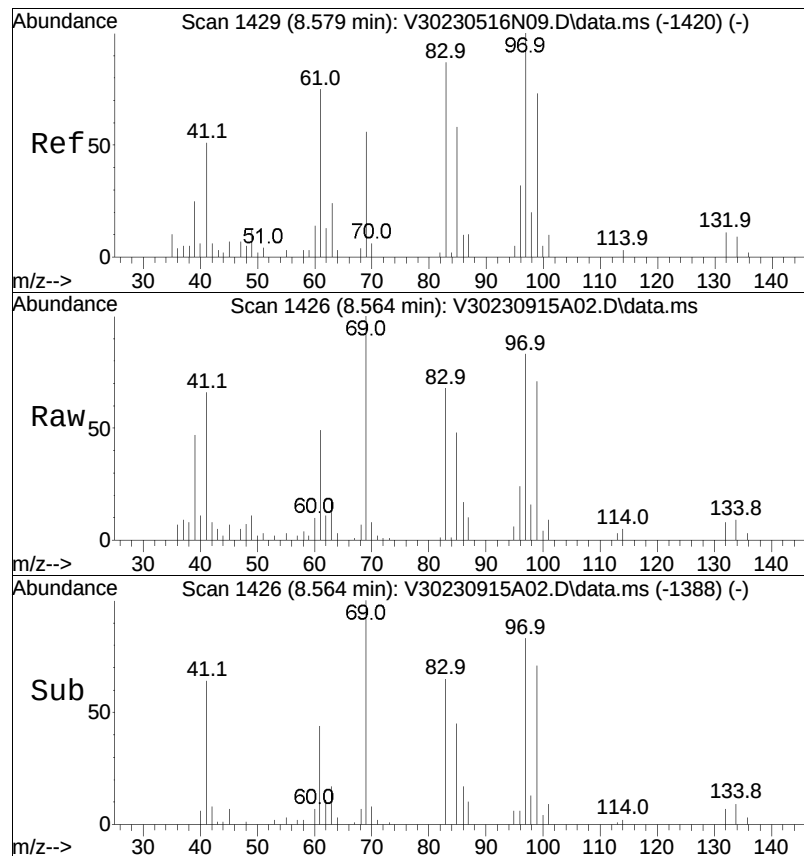




#69
 trans-1,3-Dichloropropene
 Concen: 11.53 ug/L
 RT: 8.375 min Scan# 1390
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

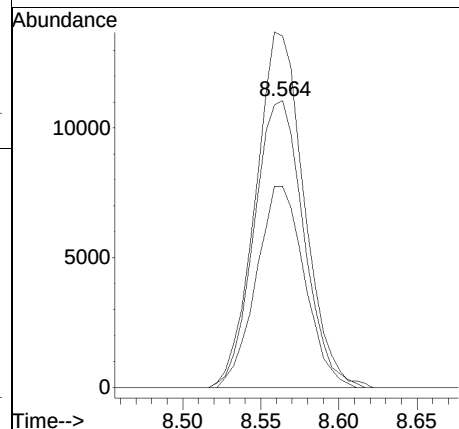
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4
39	59.1	60.2	90.4#

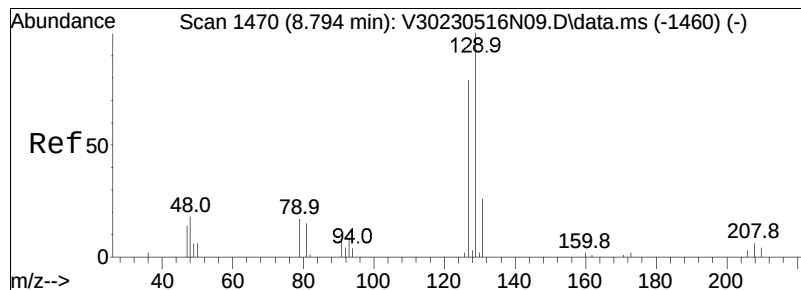




#72
 1,1,2-Trichloroethane
 Concen: 11.48 ug/L
 RT: 8.564 min Scan# 1426
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

Tgt Ion:	83	Resp:	24365
Ion Ratio	Lower	Upper	
83	100		
97	121.4	87.7	131.5
85	68.5	53.1	79.7





#73

Chlorodibromomethane

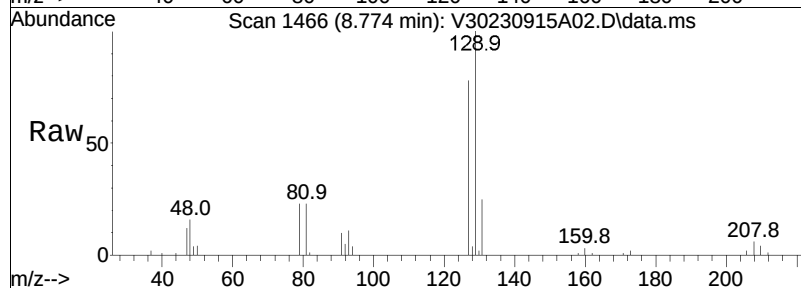
Concen: 11.08 ug/L

RT: 8.774 min Scan# 1466

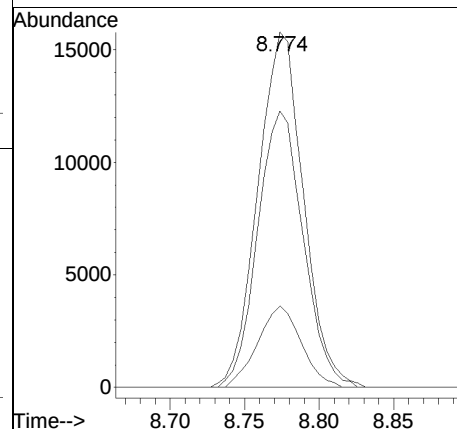
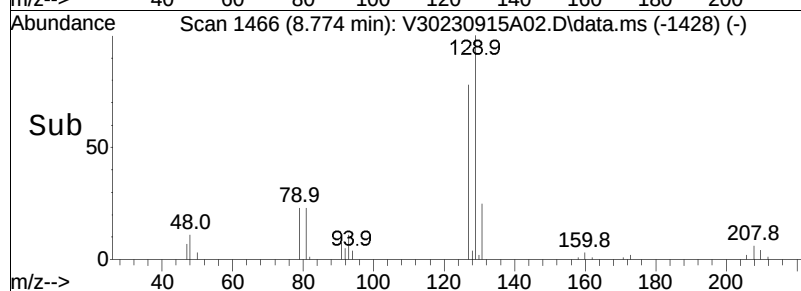
Delta R.T. 0.000 min

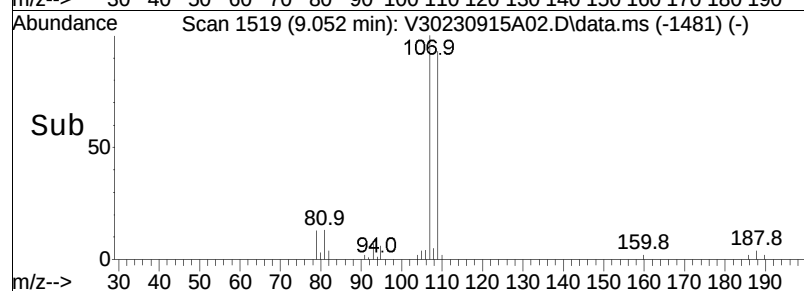
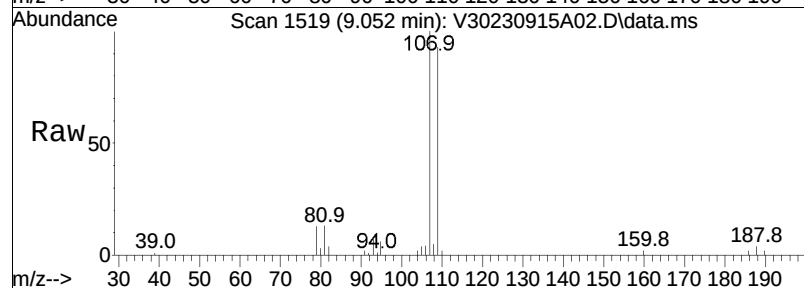
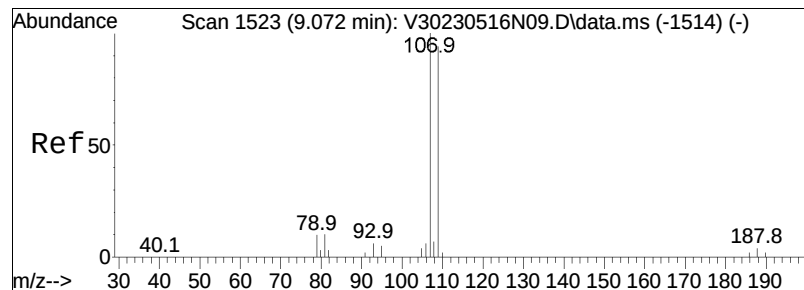
Lab File: V30230915A02.D

Acq: 15 Sep 2023 06:03 am



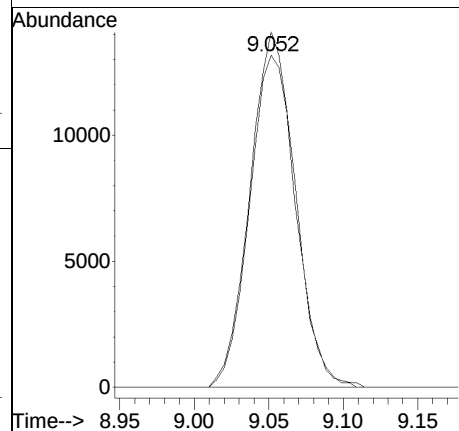
Tgt Ion:	129	Resp:	33618
Ion Ratio	Lower	Upper	
129	100		
81	21.9	14.6	22.0
127	77.6	62.6	93.8

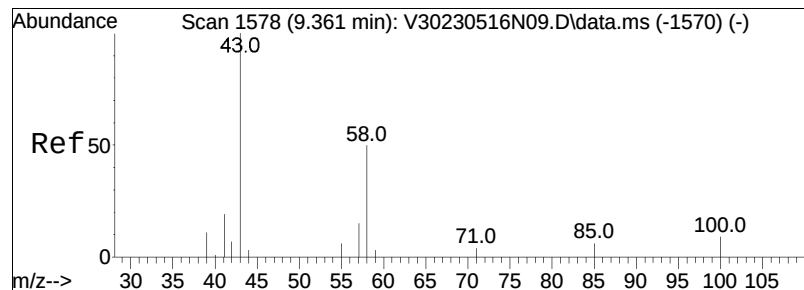




#75
 1,2-Dibromoethane
 Concen: 11.67 ug/L
 RT: 9.052 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.0	112.4





#77

2-Hexanone

Concen: 11.75 ug/L

RT: 9.340 min Scan# 1574

Delta R.T. -0.005 min

Lab File: V30230915A02.D

Acq: 15 Sep 2023 06:03 am

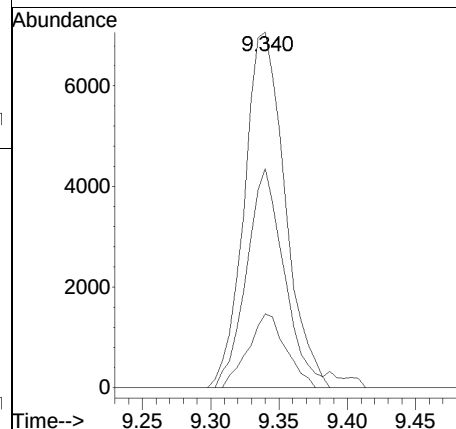
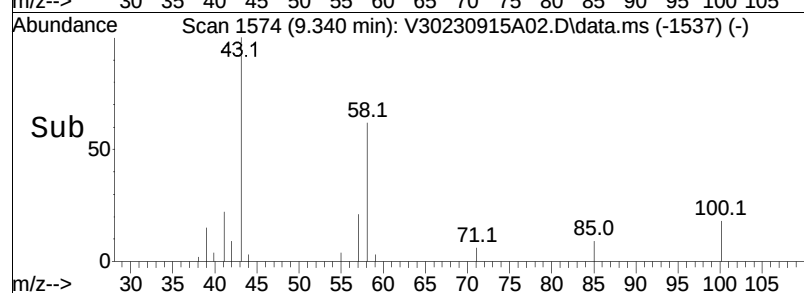
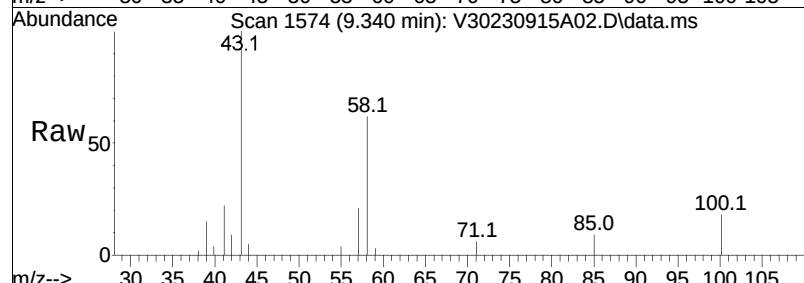
Tgt Ion: 43 Resp: 15028

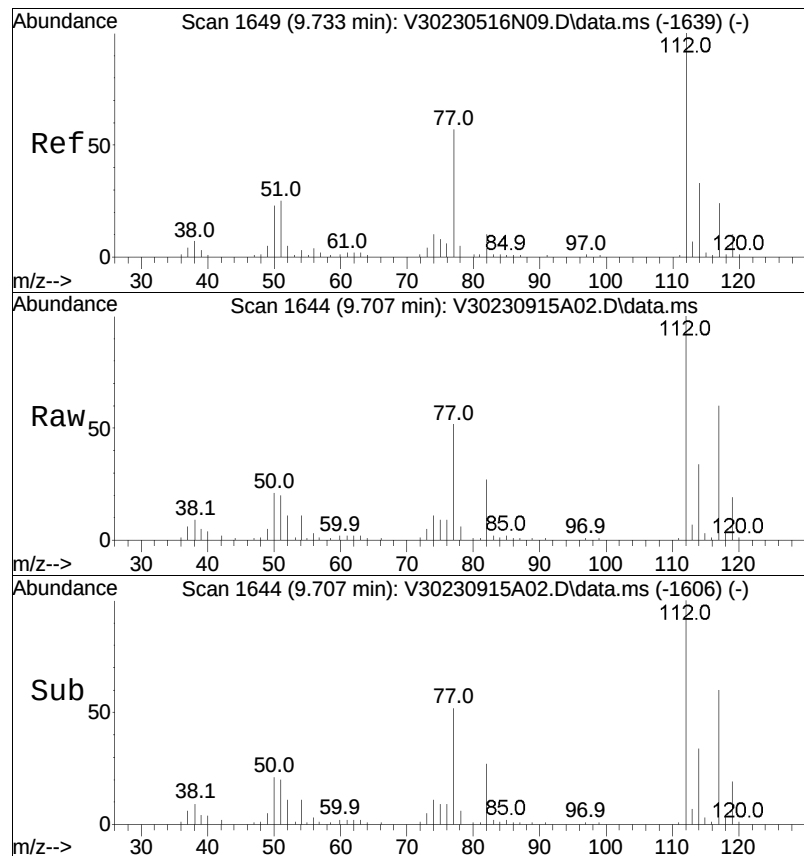
Ion Ratio Lower Upper

43 100

58 55.6 38.6 58.0

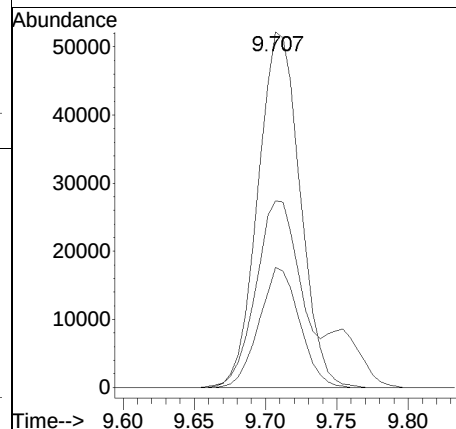
57 18.6 14.1 21.1

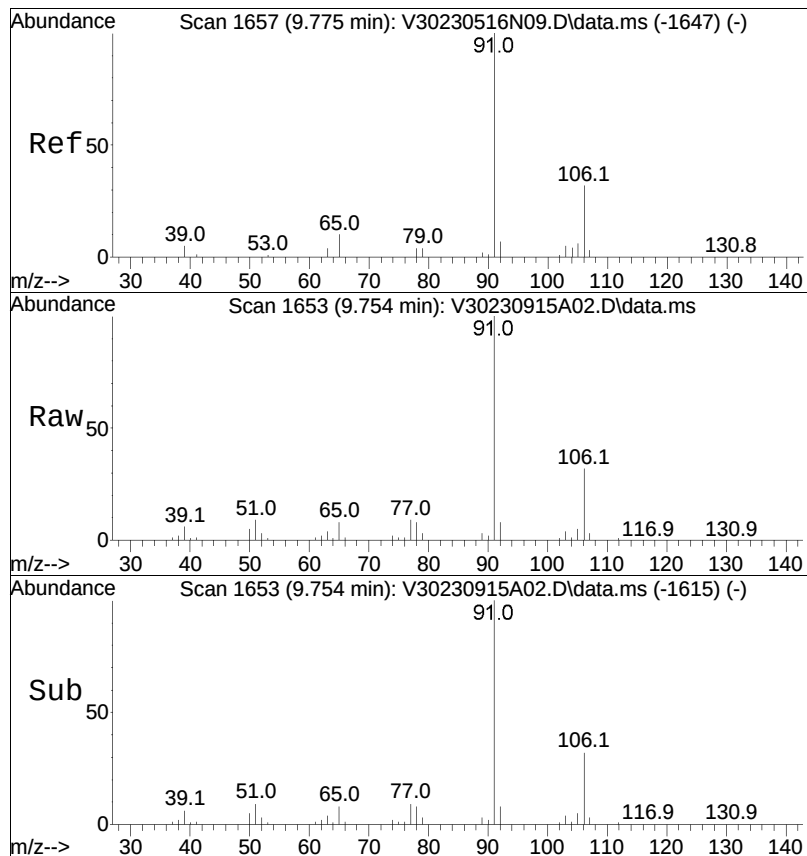




#78
 Chlorobenzene
 Concen: 11.14 ug/L
 RT: 9.707 min Scan# 1644
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

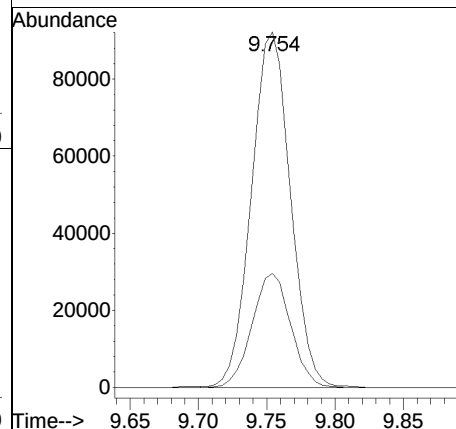
Tgt Ion:	112	Resp:	107051
Ion Ratio	Lower	Upper	
112	100		
77	56.4	54.8	82.2
114	32.4	25.4	38.0

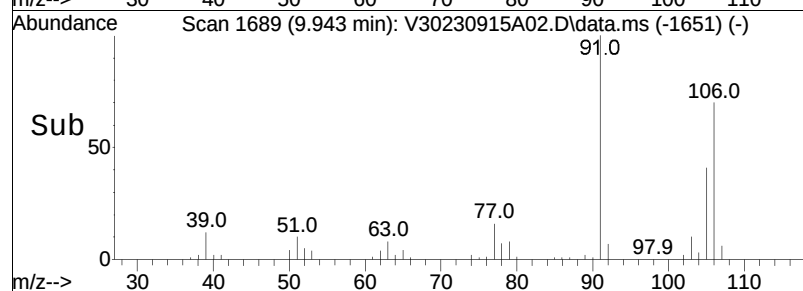
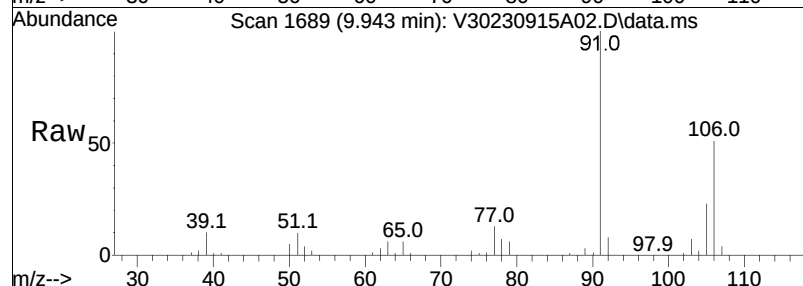
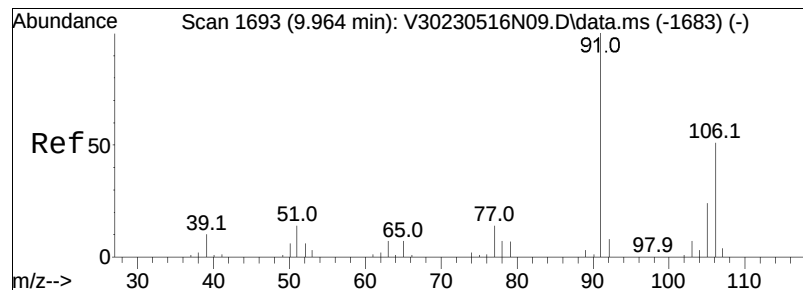




#79
 Ethylbenzene
 Concen: 11.28 ug/L
 RT: 9.754 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

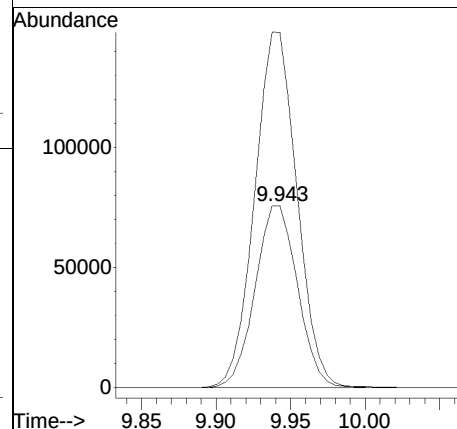
Tgt	Ion	Resp	Lower	Upper
91	100	182926		
106	31.7	23.4	35.2	

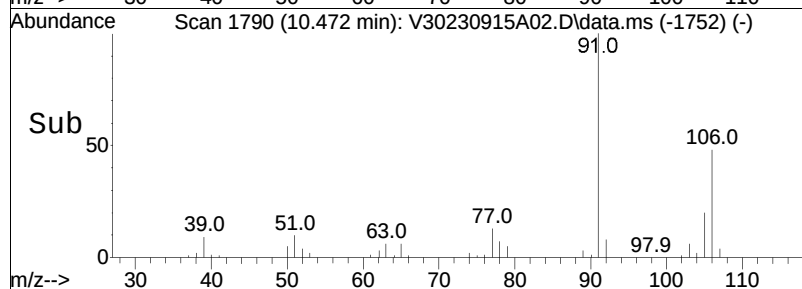
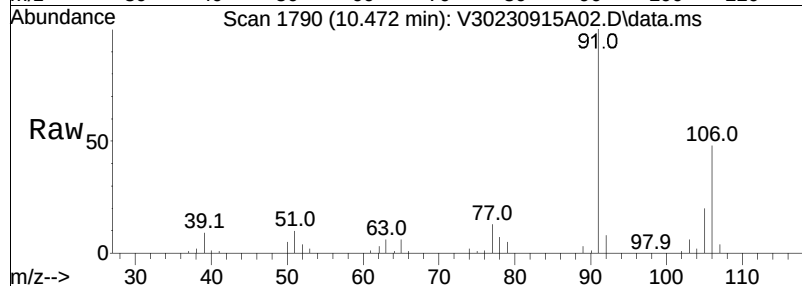
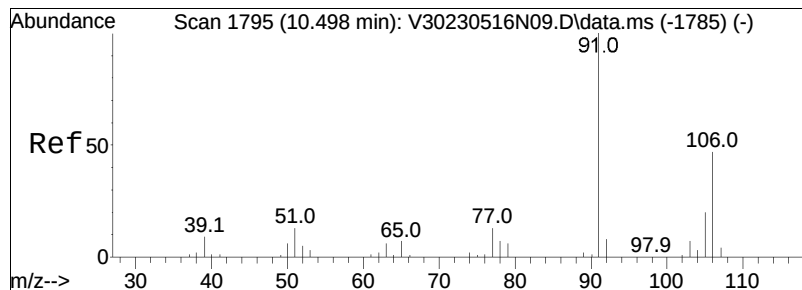




#81
 p/m Xylene
 Concen: 22.07 ug/L
 RT: 9.943 min Scan# 1689
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

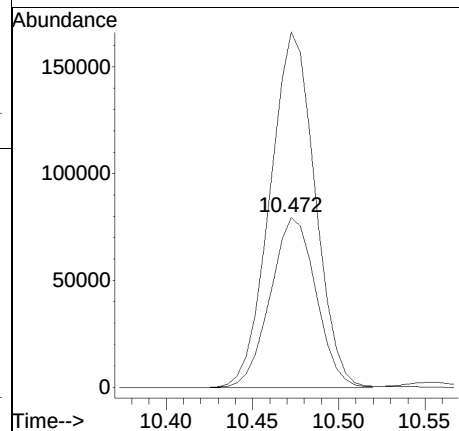
Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.0	171.4	257.2

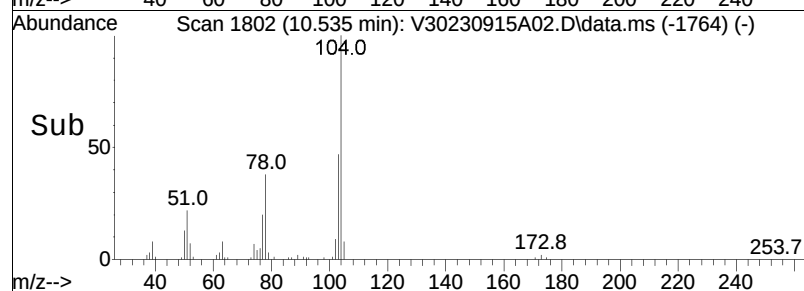
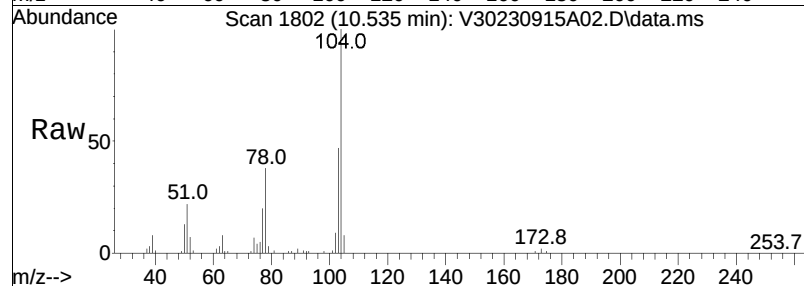
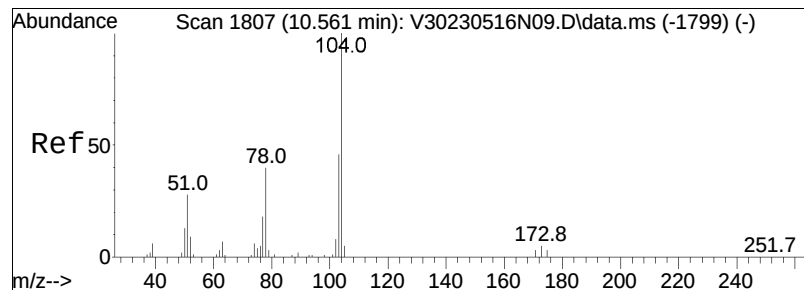




#82
o Xylene
Concen: 21.03 ug/L
RT: 10.472 min Scan# 1790
Delta R.T. 0.000 min
Lab File: V30230915A02.D
Acq: 15 Sep 2023 06:03 am

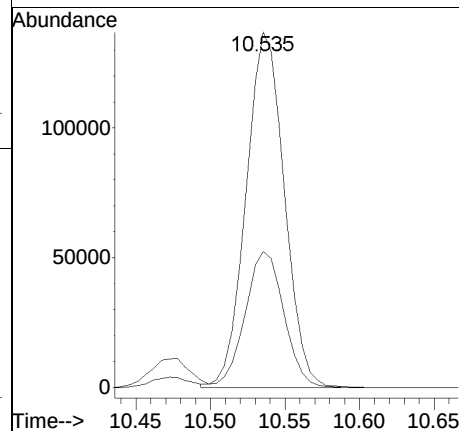
Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.0	179.2	268.8

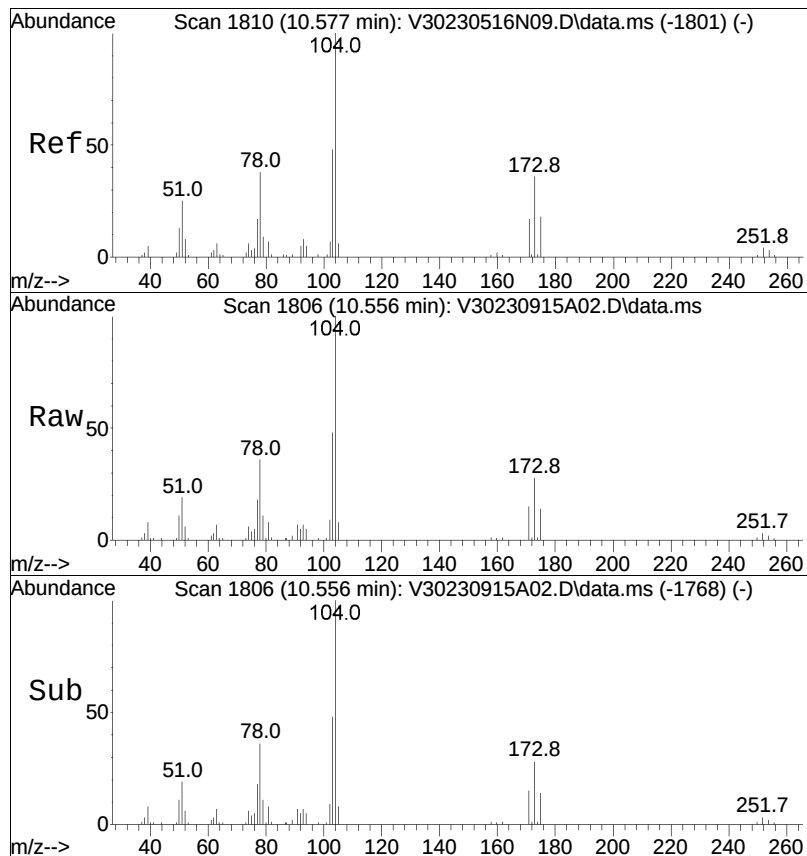




#83
 Styrene
 Concen: 21.28 ug/L
 RT: 10.535 min Scan# 1802
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

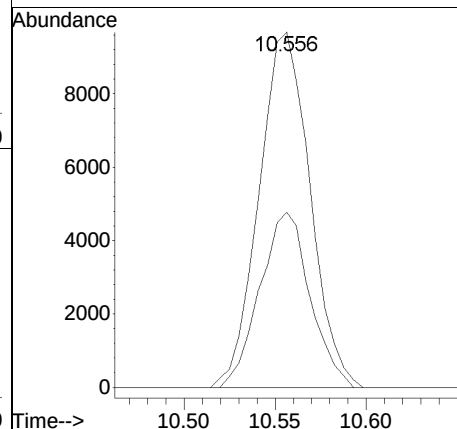
Tgt Ion	Ratio	Lower	Upper
104	100		
78	38.6	38.1	57.1

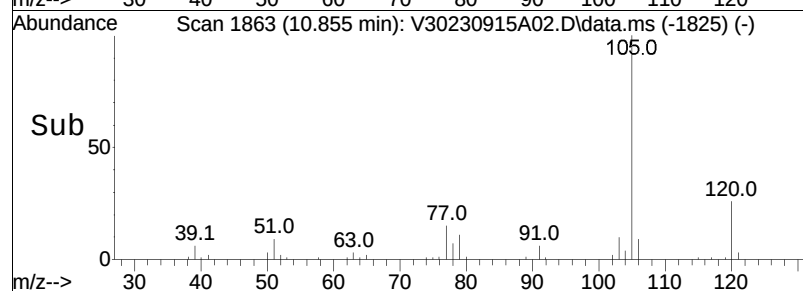
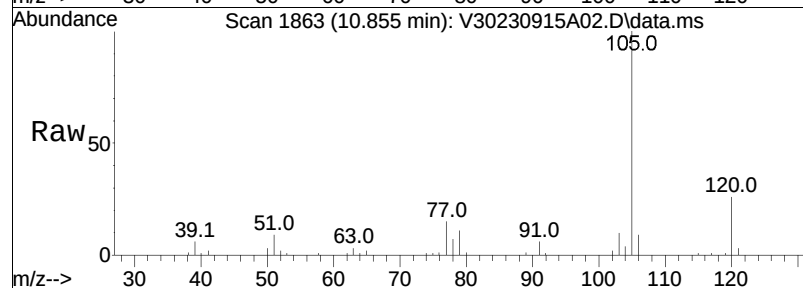
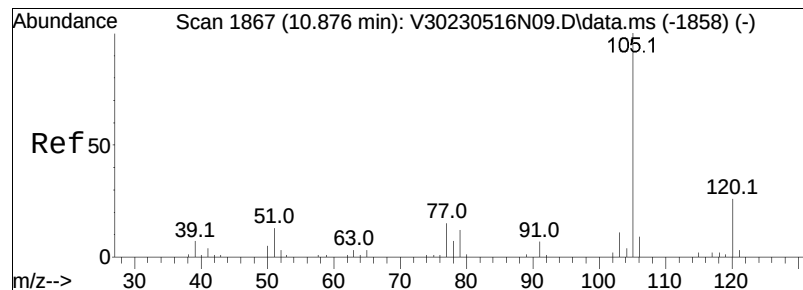




#85
 Bromoform
 Concen: 9.77 ug/L
 RT: 10.556 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

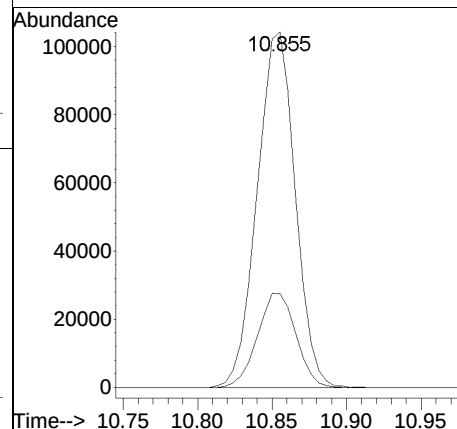
Tgt	Ion	Ratio	Lower	Upper
173	100			
175	48.4	37.8	56.6	

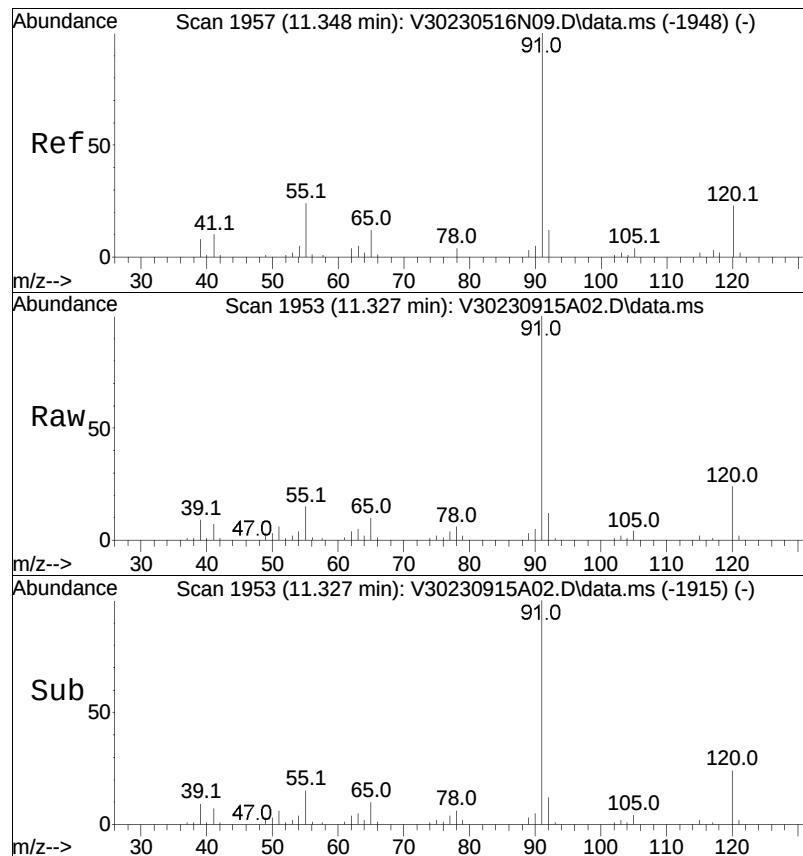




#87
 Isopropylbenzene
 Concen: 11.50 ug/L
 RT: 10.855 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

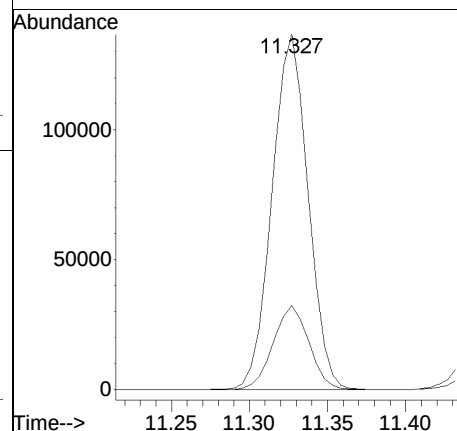
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	20.0	30.0

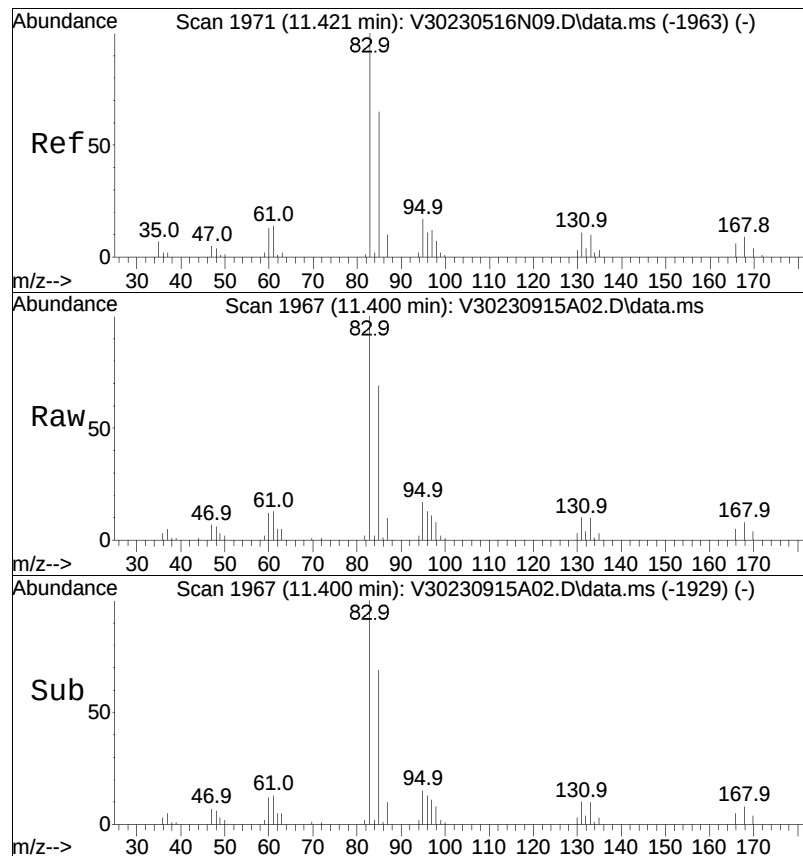




#90
 n-Propylbenzene
 Concen: 11.53 ug/L
 RT: 11.327 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

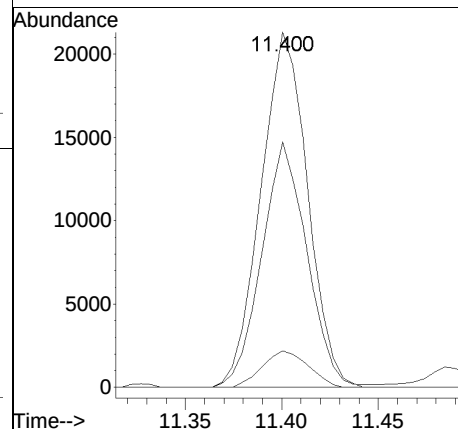
Tgt	Ion	Resp	Ratio	Lower	Upper
91	100				
120	23.3	16.3	24.5		

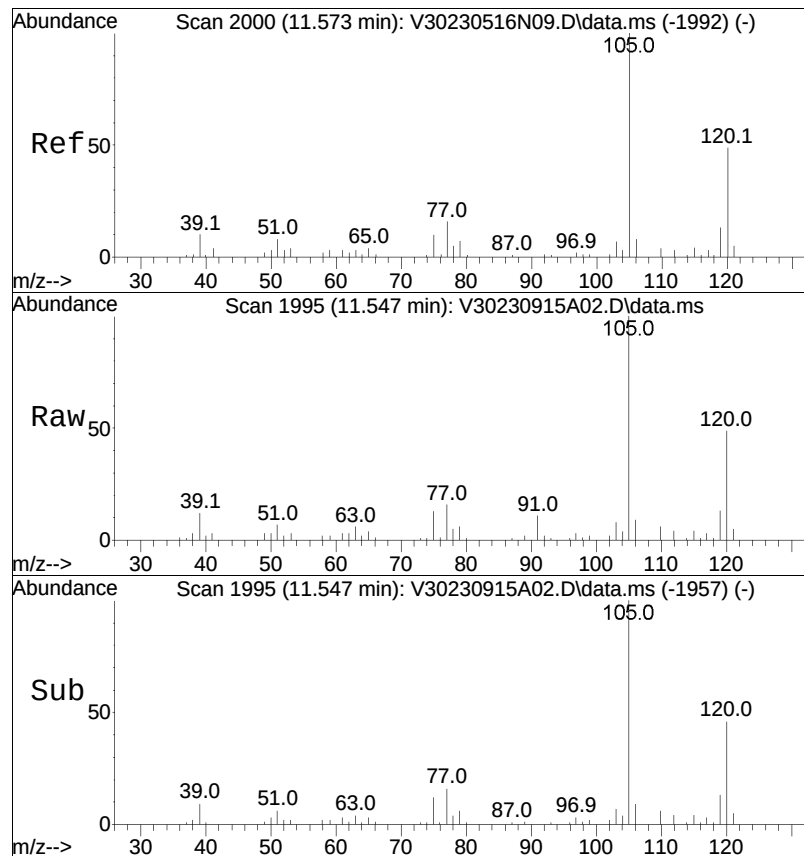




#92
 1,1,2,2-Tetrachloroethane
 Concen: 12.89 ug/L
 RT: 11.400 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

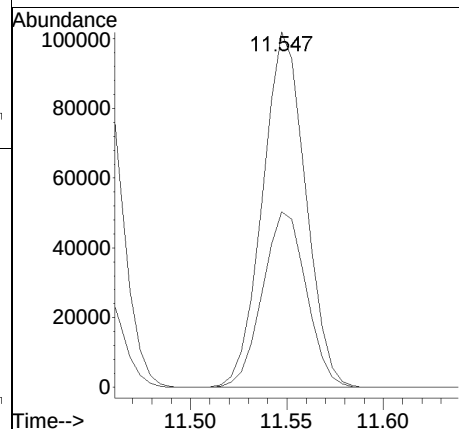
Tgt Ion:	83	Resp:	35867
Ion Ratio	Lower	Upper	
83	100		
131	10.2	6.6	10.0#
85	66.8	51.8	77.6

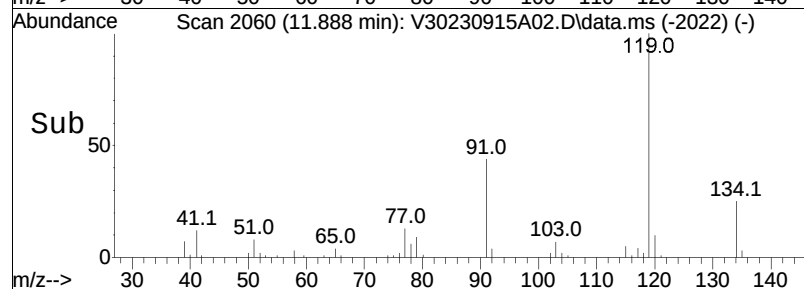
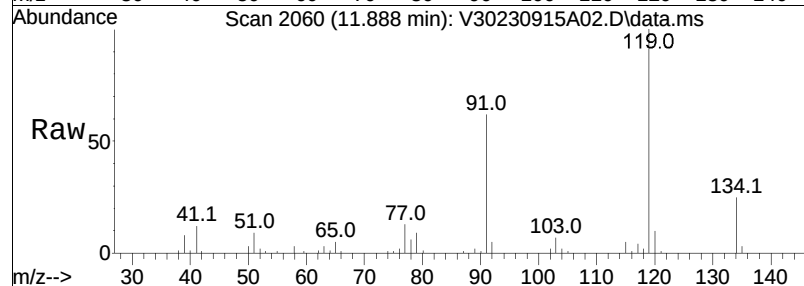
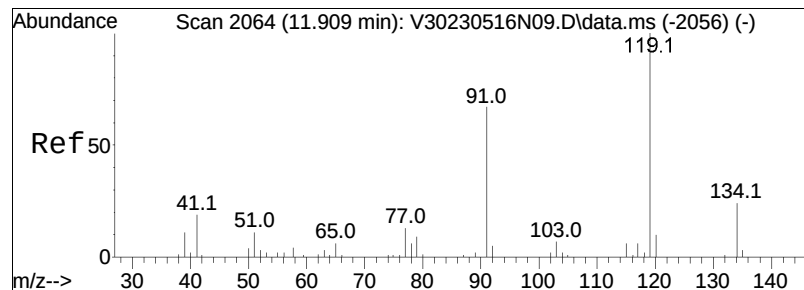




#95
 1,3,5-Trimethylbenzene
 Concen: 10.99 ug/L
 RT: 11.547 min Scan# 1995
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

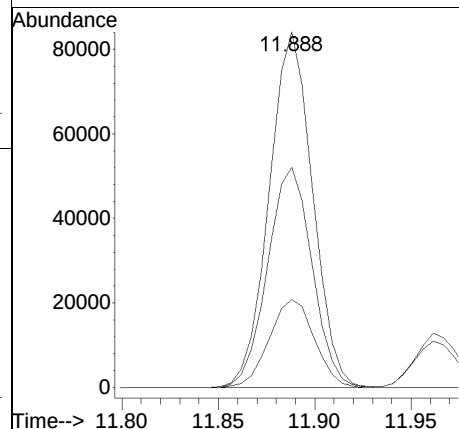
Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.3	37.8	56.6

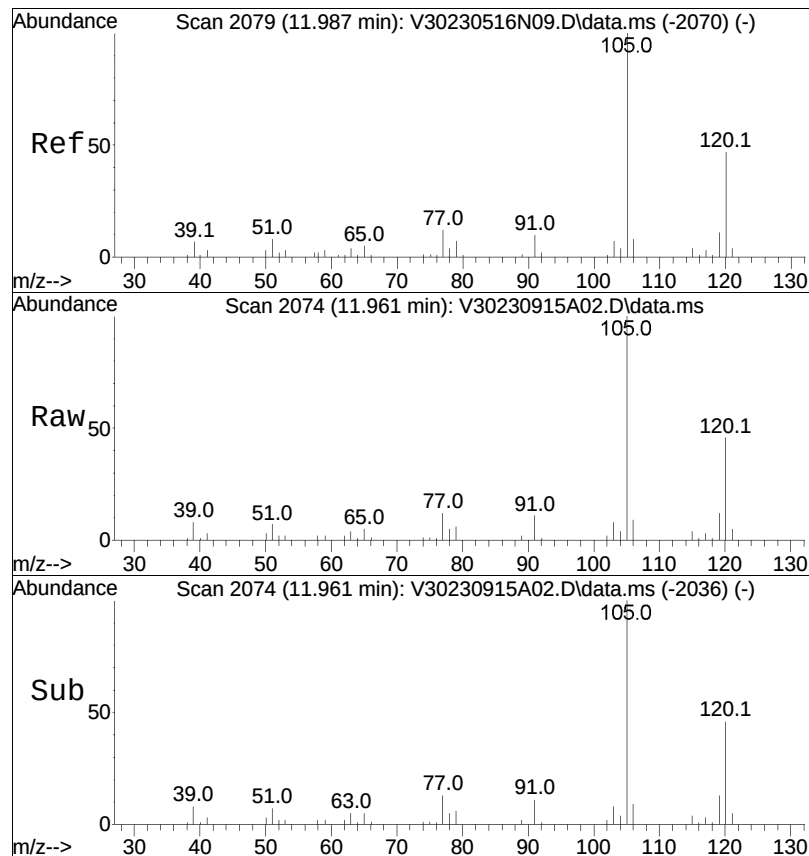




#99
 tert-Butylbenzene
 Concen: 11.24 ug/L
 RT: 11.888 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

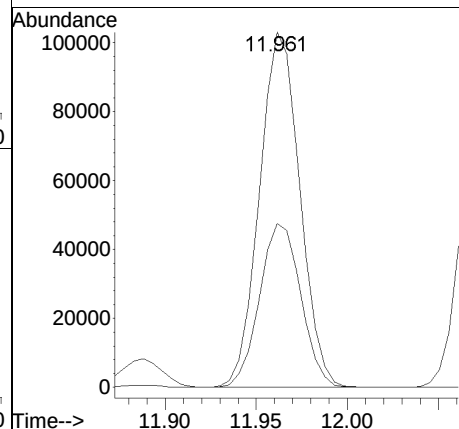
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.5	58.8	88.2
134	25.7	18.6	27.8

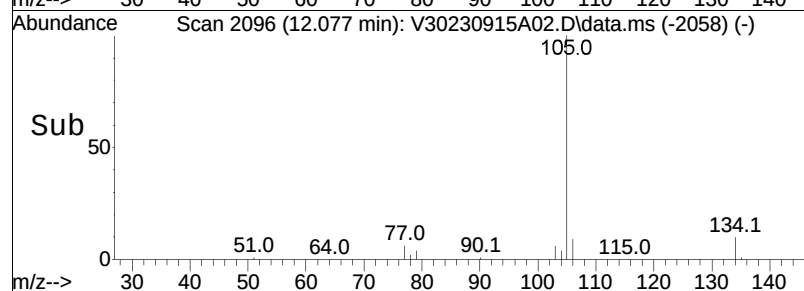
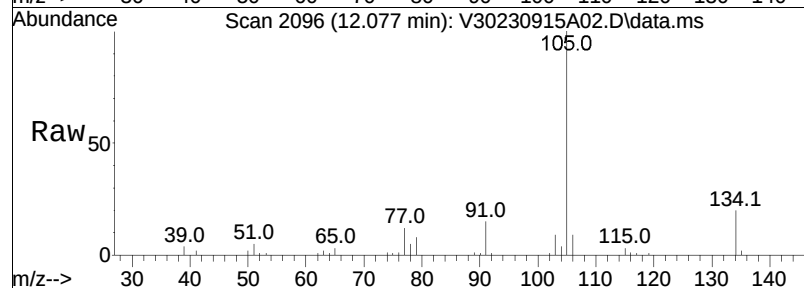
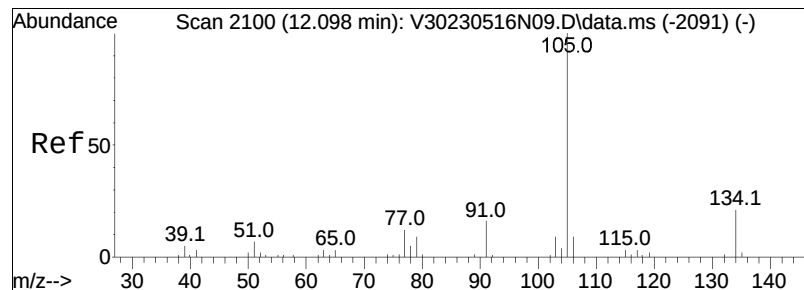




#102
 1,2,4-Trimethylbenzene
 Concen: 11.11 ug/L
 RT: 11.961 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

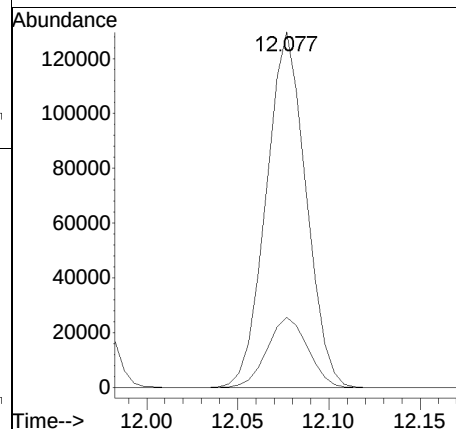
Tgt Ion	105	120	Ratio	Lower	Upper
105	100				
120	47.1		35.2	52.8	

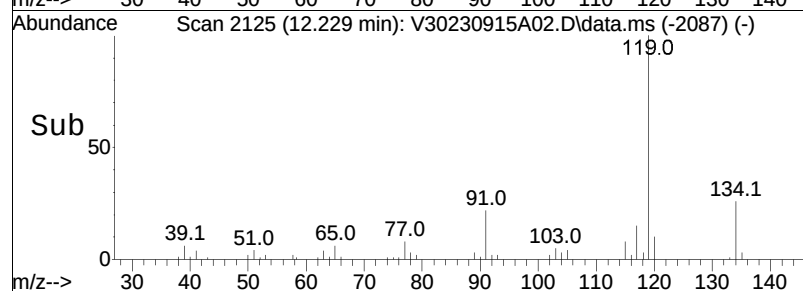
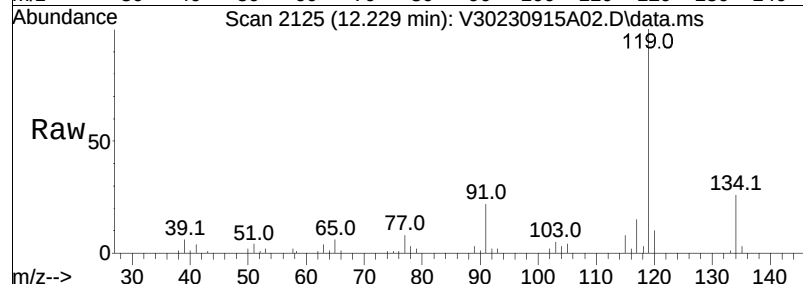
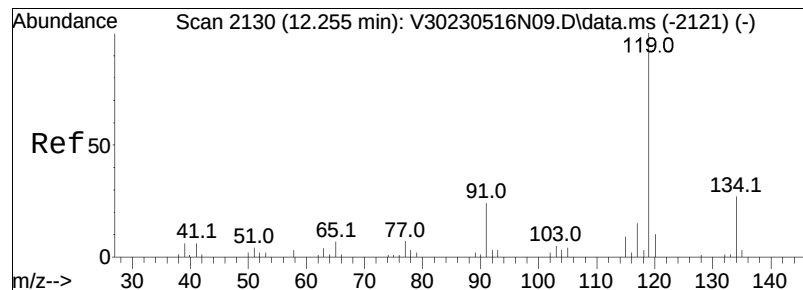




#103
 sec-Butylbenzene
 Concen: 11.39 ug/L
 RT: 12.077 min Scan# 2096
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

Tgt	Ion	Ratio	Lower	Upper
105	100			
134	20.0	11.4	23.6	





#104

p-Isopropyltoluene

Concen: 11.07 ug/L

RT: 12.229 min Scan# 2125

Delta R.T. 0.000 min

Lab File: V30230915A02.D

Acq: 15 Sep 2023 06:03 am

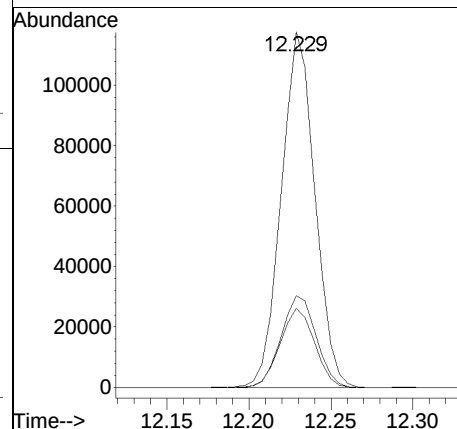
Tgt Ion:119 Resp: 167785

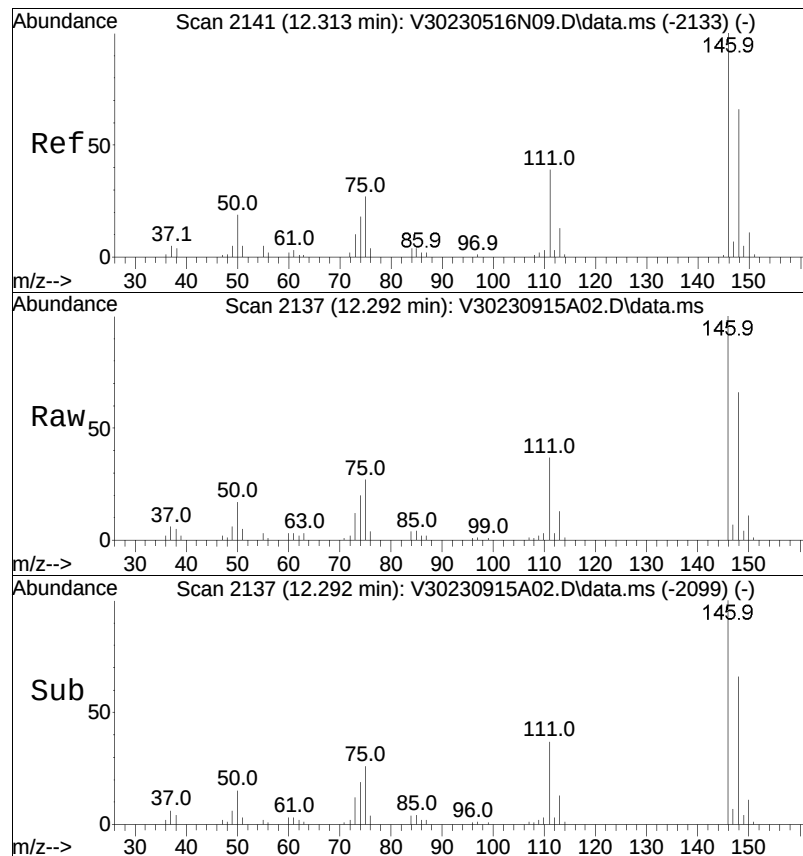
Ion Ratio Lower Upper

119 100

134 26.9 15.9 33.1

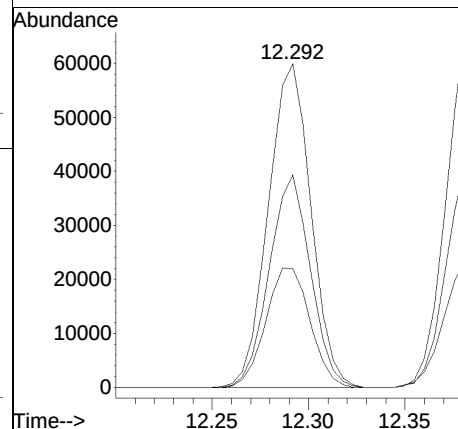
91 22.8 16.6 34.4

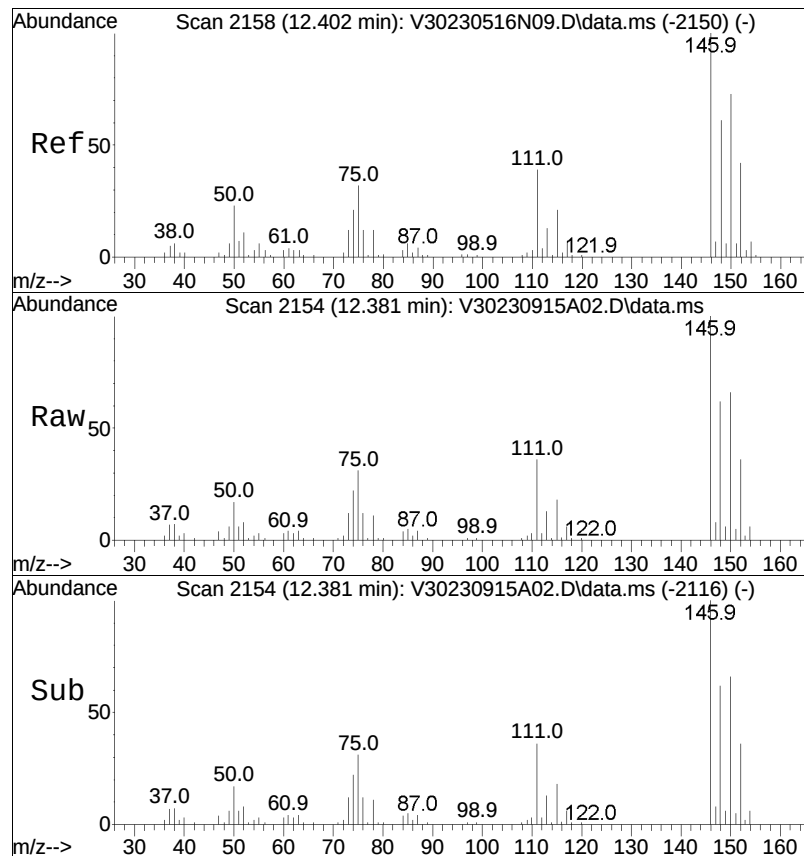




#105
 1,3-Dichlorobenzene
 Concen: 11.10 ug/L
 RT: 12.292 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

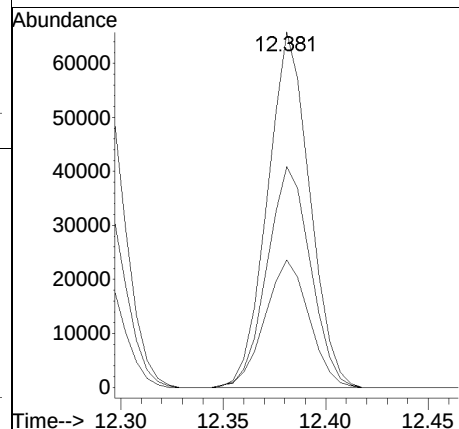
Tgt Ion:	146	Resp:	91958
Ion Ratio	Lower	Upper	
146	100		
111	38.4	28.0	58.1
148	63.6	40.8	84.6

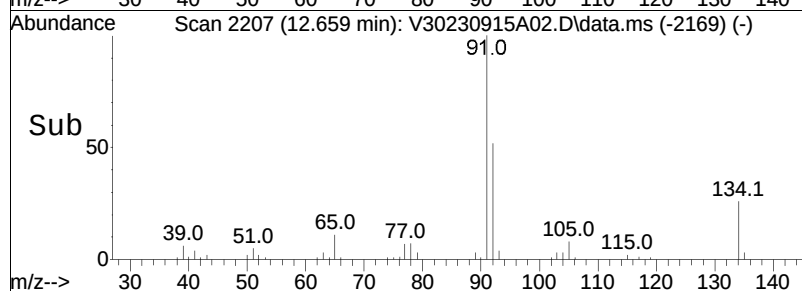
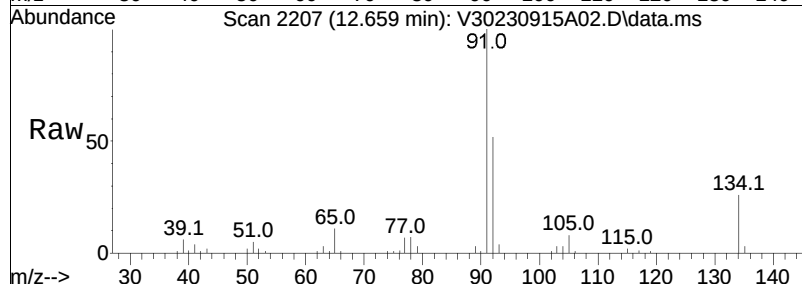
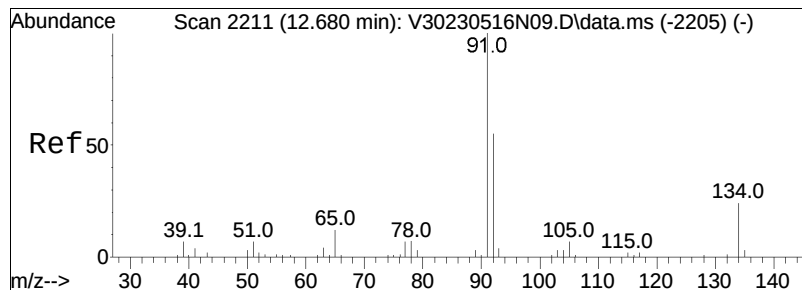




#106
 1,4-Dichlorobenzene
 Concen: 11.16 ug/L
 RT: 12.381 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

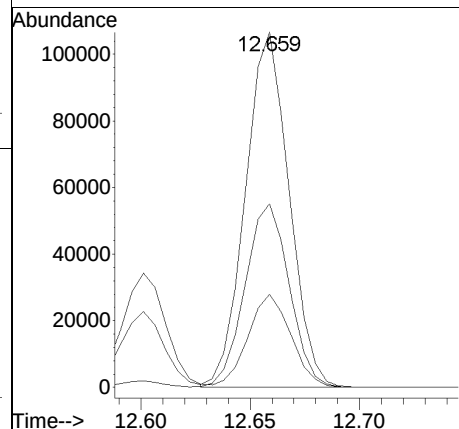
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	33.7	50.5
148	64.0	50.8	76.2

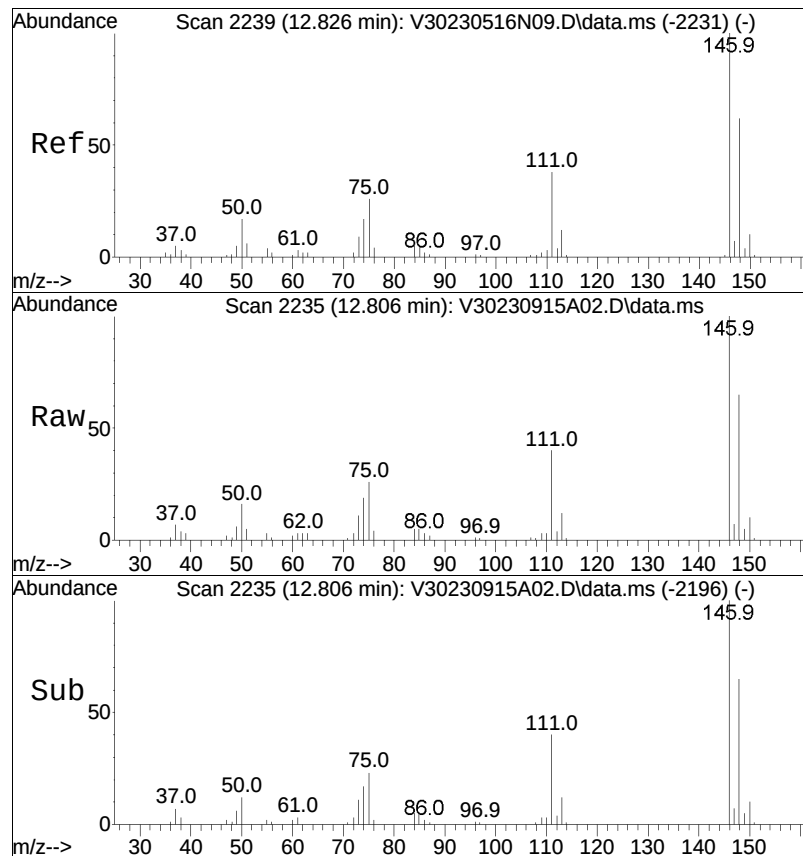




#108
 n-Butylbenzene
 Concen: 11.48 ug/L
 RT: 12.659 min Scan# 2207
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

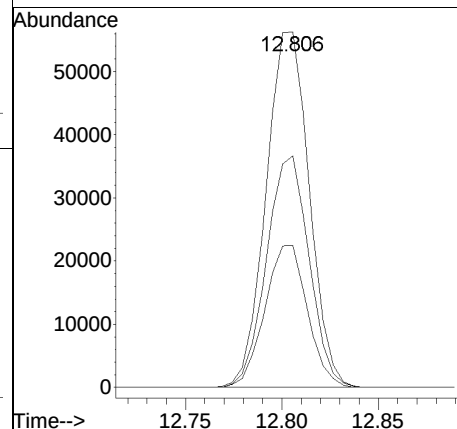
Tgt Ion:	91	Resp:	148114
Ion Ratio	Lower	Upper	
91	100		
92	52.3	44.2	66.4
134	25.7	17.8	26.6

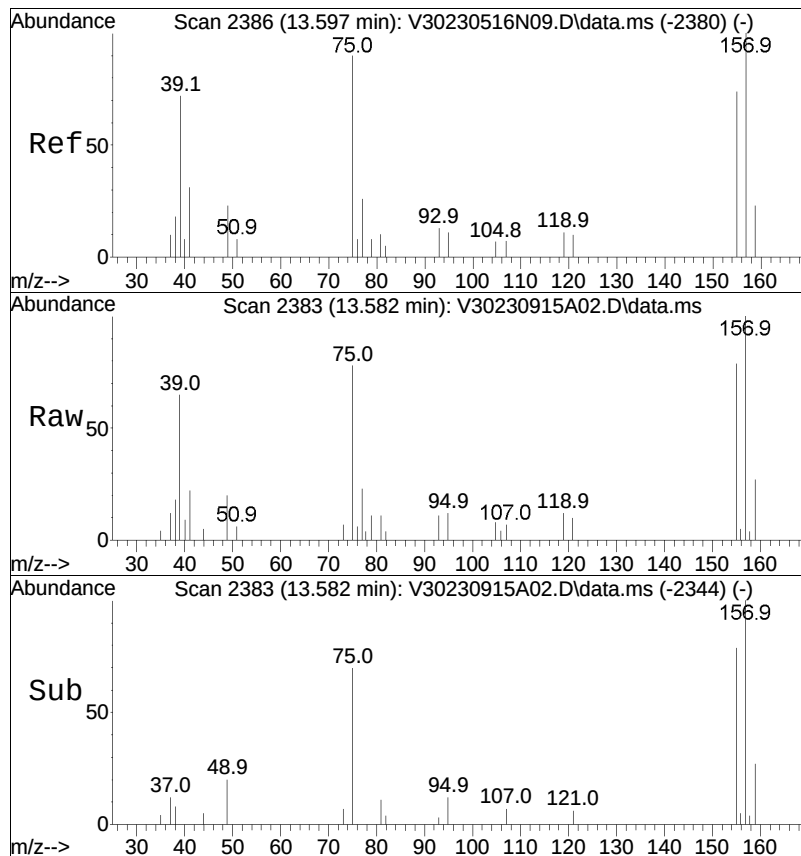




#109
 1,2-Dichlorobenzene
 Concen: 11.09 ug/L
 RT: 12.806 min Scan# 2235
 Delta R.T. 0.005 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

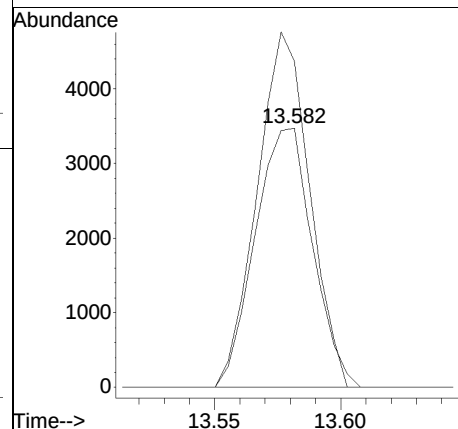
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	29.5	61.3
148	64.2	41.3	85.9

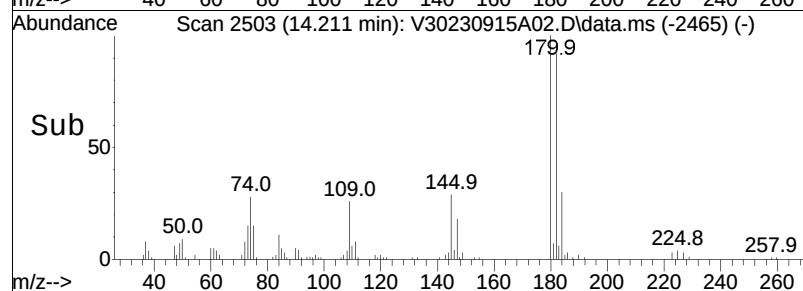
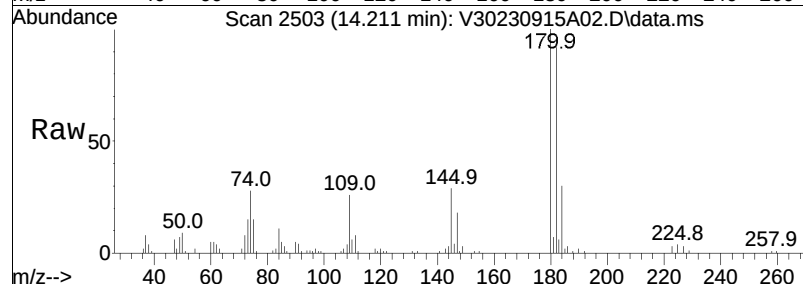
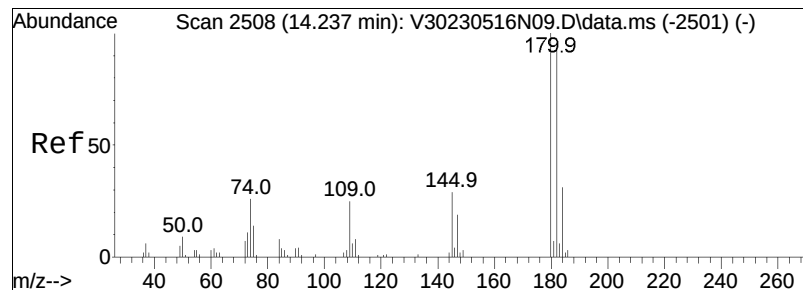




#111
 1,2-Dibromo-3-chloropropane
 Concen: 11.51 ug/L
 RT: 13.582 min Scan# 2383
 Delta R.T. 0.005 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

Tgt Ion	Ratio	Lower	Upper
155	100		
157	124.9	105.1	157.7





#114

1,2,4-Trichlorobenzene

Concen: 11.69 ug/L

RT: 14.211 min Scan# 2503

Delta R.T. 0.000 min

Lab File: V30230915A02.D

Acq: 15 Sep 2023 06:03 am

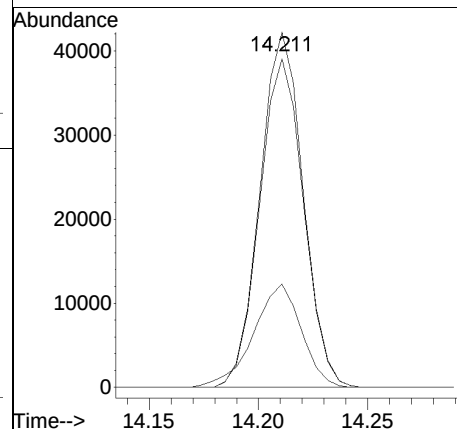
Tgt Ion:180 Resp: 58030

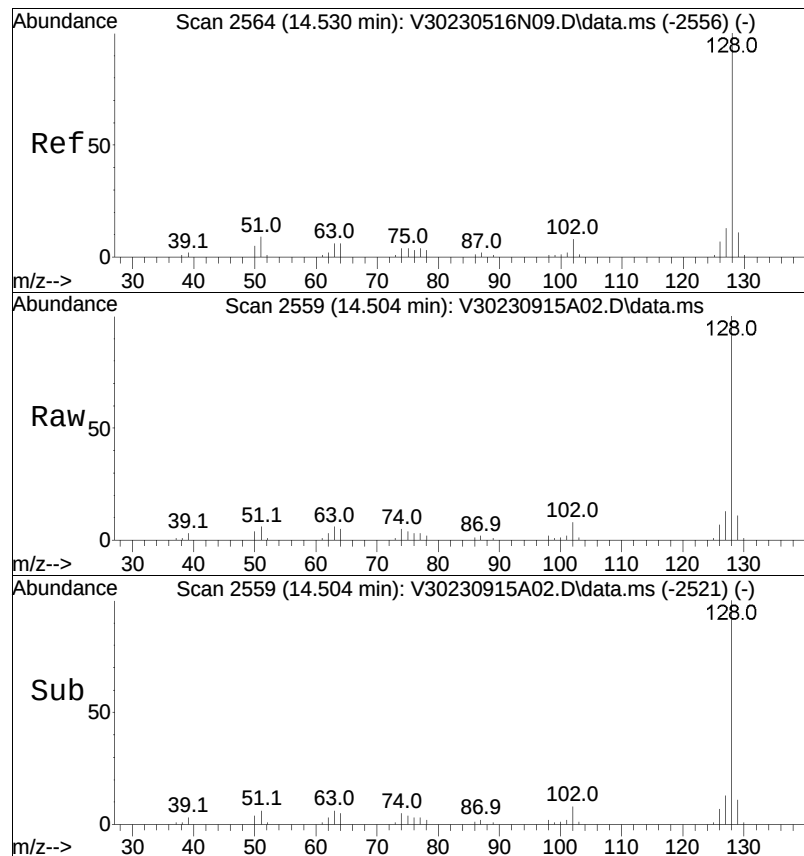
Ion Ratio Lower Upper

180 100

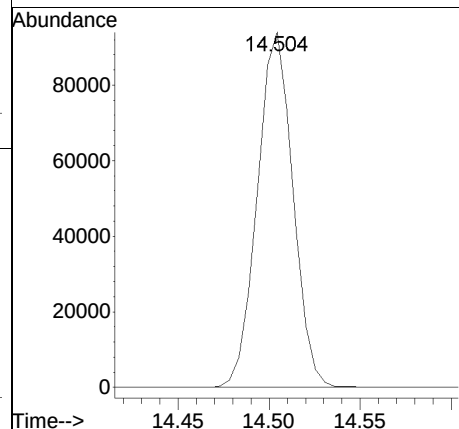
182 94.0 75.7 113.5

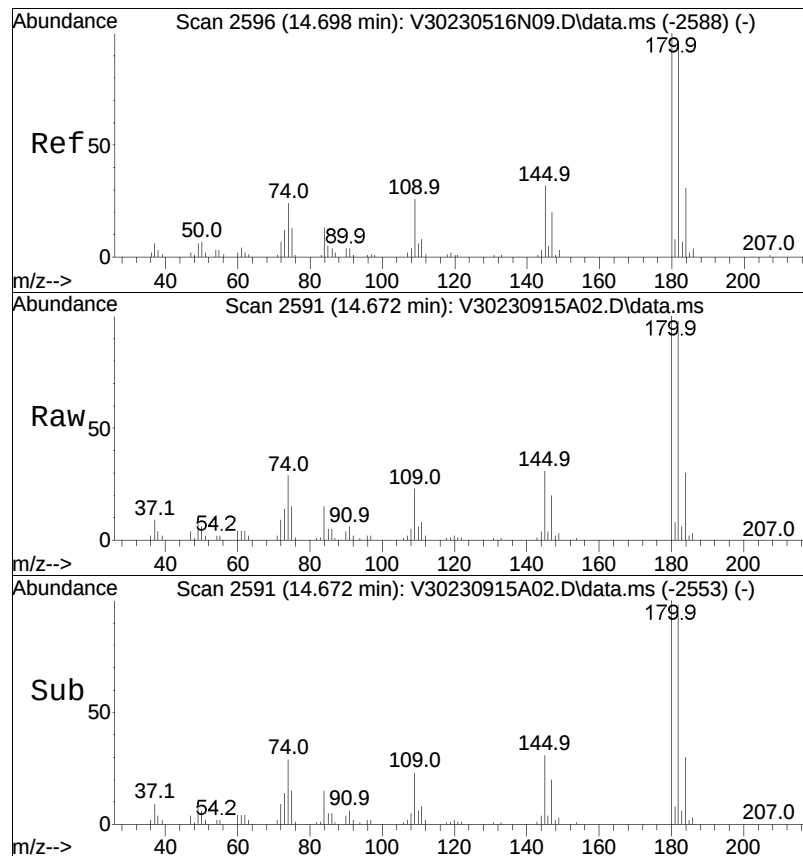
145 32.2 27.4 41.2





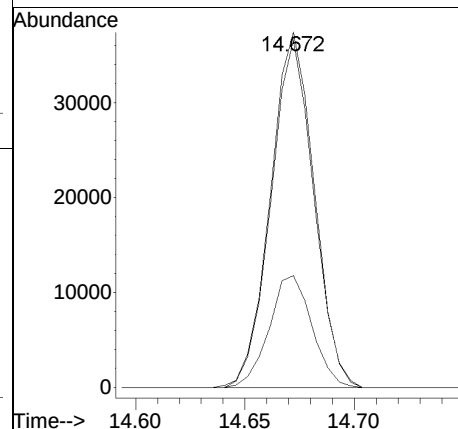
#115
 Naphthalene
 Concen: 11.76 ug/L
 RT: 14.504 min Scan# 2559
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am
 Tgt Ion:128 Resp: 127984





#116
 1,2,3-Trichlorobenzene
 Concen: 11.33 ug/L
 RT: 14.672 min Scan# 2591
 Delta R.T. 0.000 min
 Lab File: V30230915A02.D
 Acq: 15 Sep 2023 06:03 am

Tgt Ion:	180	Resp:	51975
Ion Ratio	Lower	Upper	
180	100		
182	95.9	74.9	112.3
145	30.9	26.0	39.0



Manual Integration Report

Data Path	: K:\V0A130\2023\230915A\	QMethod	: V130_230913A_8260D.m
Data File	: V30230915A02.D	Operator	: V0A130:MJV
Date Inj'd	: 9/15/2023 6:03 am	Instrument	: V0A130
Sample	: WG1828105-4,31,10,10	Quant Date	: 9/15/2023 8:00 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A02.D
 Acq On : 16 Sep 2023 01:20 pm
 Operator : VOA130:LAC
 Sample : WG1828105-11,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 13:50:54 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	168636	10.000	ug/L	# 0.00
Standard Area 1 = 187984			Recovery =	89.71%		
63) Chlorobenzene-d5	9.686	117	156890	10.000	ug/L	# 0.00
Standard Area 1 = 163848			Recovery =	95.75%		
84) 1,4-Dichlorobenzene-d4	12.365	152	92977	10.000	ug/L	0.00
Standard Area 1 = 96294			Recovery =	96.56%		
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	53243	10.064	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.64%		
47) 1,2-Dichloroethane-d4	5.843	65	53702	10.122	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.22%		
64) Toluene-d8	7.840	98	201104	10.315	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.15%		
88) 4-Bromofluorobenzene	11.165	95	70183	10.100	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.00%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	43592	10.154	ug/L	97
3) Chloromethane	1.879	50	31115	9.367	ug/L	97
4) Vinyl chloride	1.952	62	48350	11.713	ug/L	100
5) Bromomethane	2.277	94	40147	8.213	ug/L	99
6) Chloroethane	2.393	64	37079	11.500	ug/L	97
7) Trichlorofluoromethane	2.545	101	95849	11.983	ug/L	100
10) 1,1-Dichloroethene	3.043	96	28900	10.364	ug/L	# 65
11) Carbon disulfide	3.069	76	75981	9.849	ug/L	100
12) Freon-113	3.080	101	30545	10.283	ug/L	85
15) Methylene chloride	3.599	84	32625	10.221	ug/L	74
17) Acetone	3.641	43	5206	10.033	ug/L	92
18) trans-1,2-Dichloroethene	3.756	96	31252	10.053	ug/L	71
19) Methyl acetate	3.766	43	12324	10.197	ug/L	# 82
21) Methyl tert-butyl ether	3.861	73	67743	10.079	ug/L	88
25) 1,1-Dichloroethane	4.348	63	54339	10.076	ug/L	# 97
30) cis-1,2-Dichloroethene	4.873	96	35331	9.967	ug/L	# 75
33) Bromochloromethane	5.062	128	16723	9.825	ug/L	# 53
34) Cyclohexane	5.077	56	44757	9.910	ug/L	# 64
35) Chloroform	5.135	83	57551	10.018	ug/L	93
37) Carbon tetrachloride	5.282	117	40666	9.425	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A02.D
 Acq On : 16 Sep 2023 01:20 pm
 Operator : VOA130:LAC
 Sample : WG1828105-11,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 13:50:54 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,1,1-Trichloroethane	5.345	97	50212	9.972	ug/L	93
42) 2-Butanone	5.429	43	7002	9.806	ug/L	96
45) Benzene	5.717	78	114632	9.988	ug/L	93
48) 1,2-Dichloroethane	5.916	62	37318	9.687	ug/L #	97
51) Methylcyclohexane	6.315	83	49615	9.854	ug/L #	72
52) Trichloroethene	6.315	95	31348	9.165	ug/L	89
55) 1,2-Dichloropropane	6.860	63	27759	9.952	ug/L	96
58) Bromodichloromethane	6.928	83	41805	9.859	ug/L #	98
61) 1,4-Dioxane	7.138	88	9354	458.279	ug/L #	77
62) cis-1,3-Dichloropropene	7.625	75	44012	9.654	ug/L #	85
65) Toluene	7.898	92	76471	9.646	ug/L	98
66) 4-Methyl-2-pentanone	8.328	58	6401	9.886	ug/L #	83
67) Tetrachloroethene	8.349	166	31405	9.284	ug/L	96
69) trans-1,3-Dichloropropene	8.370	75	38045	9.881	ug/L #	78
72) 1,1,2-Trichloroethane	8.559	83	19870	9.894	ug/L	94
73) Chlorodibromomethane	8.774	129	26622	9.271	ug/L #	97
75) 1,2-Dibromoethane	9.052	107	23774	9.822	ug/L	99
77) 2-Hexanone	9.335	43	11743	9.701	ug/L	92
78) Chlorobenzene	9.712	112	87222	9.590	ug/L	90
79) Ethylbenzene	9.754	91	151196	9.853	ug/L	96
81) p/m Xylene	9.943	106	122467	19.120	ug/L	87
82) o Xylene	10.472	106	119852	18.271	ug/L	89
83) Styrene	10.535	104	199950	18.394	ug/L	86
85) Bromoform	10.551	173	15462	8.441	ug/L	100
87) Isopropylbenzene	10.850	105	150393	9.855	ug/L	96
90) n-Propylbenzene	11.327	91	181706	10.056	ug/L	95
92) 1,1,2,2-Tetrachloroethane	11.400	83	29533	11.167	ug/L	99
95) 1,3,5-Trimethylbenzene	11.547	105	131596	9.639	ug/L	97
99) tert-Butylbenzene	11.888	119	108084	9.724	ug/L	90
102) 1,2,4-Trimethylbenzene	11.961	105	128654	9.474	ug/L	96
103) sec-Butylbenzene	12.077	105	160343	9.762	ug/L	95
104) p-Isopropyltoluene	12.229	119	137930	9.578	ug/L	95
105) 1,3-Dichlorobenzene	12.292	146	74674	9.486	ug/L	96
106) 1,4-Dichlorobenzene	12.381	146	76619	9.553	ug/L	98
108) n-Butylbenzene	12.659	91	120893	9.861	ug/L	95
109) 1,2-Dichlorobenzene	12.806	146	71786	9.550	ug/L	95
111) 1,2-Dibromo-3-chloropr...	13.576	155	4639	10.201	ug/L	90
114) 1,2,4-Trichlorobenzene	14.211	180	44830	9.504	ug/L	98
115) Naphthalene	14.504	128	100355	9.706	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A02.D
 Acq On : 16 Sep 2023 01:20 pm
 Operator : VOA130:LAC
 Sample : WG1828105-11,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 13:50:54 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	14.672	180	41526	9.527	ug/L	98

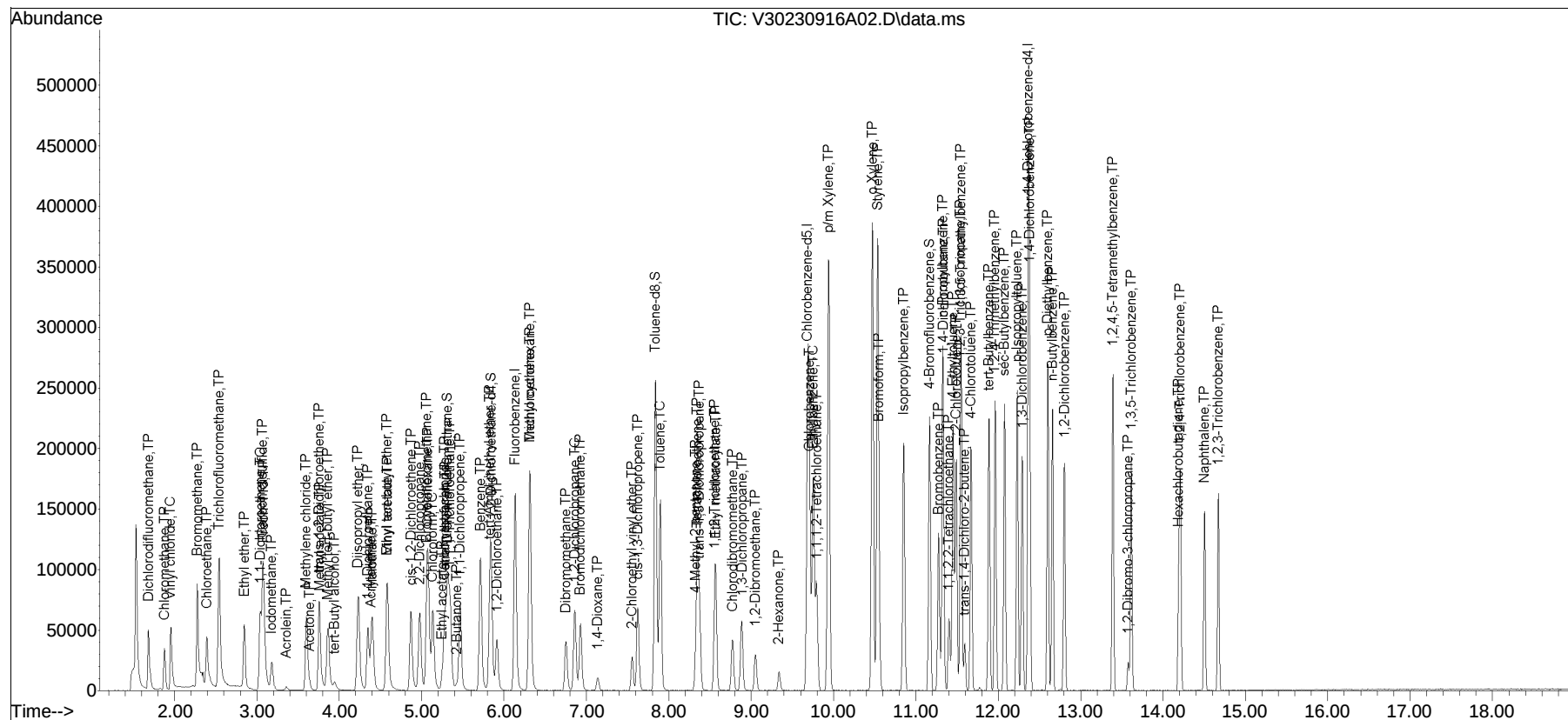
(#) = qualifier out of range (m) = manual integration (+) = signals summed

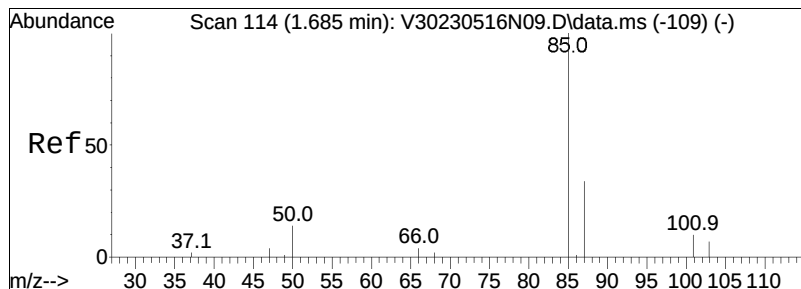
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A02.D
 Acq On : 16 Sep 2023 01:20 pm
 Operator : VOA130:LAC
 Sample : WG1828105-11,31,10,10
 Misc : WG1828105,ICAL20364
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 13:50:54 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

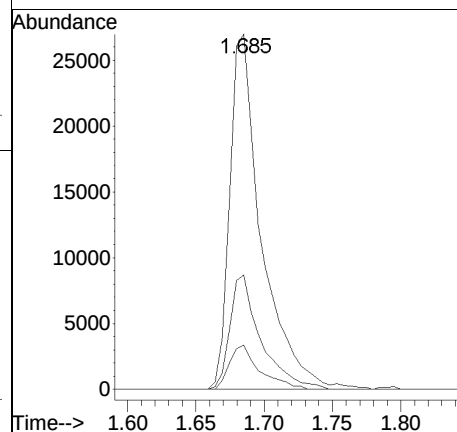
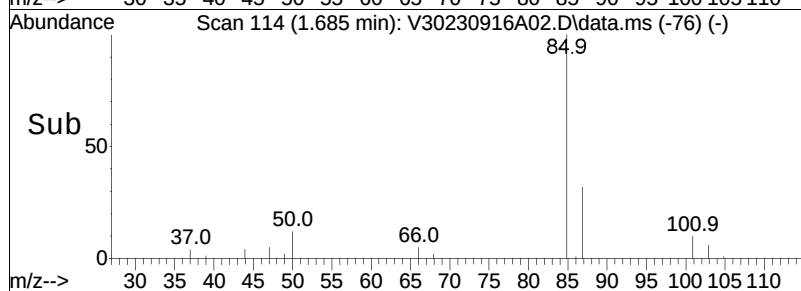
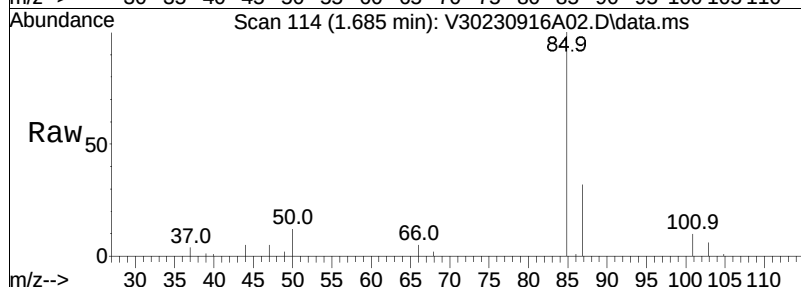
Sub List : 8260-Curve - Megamix plus Diox230916A01.D•

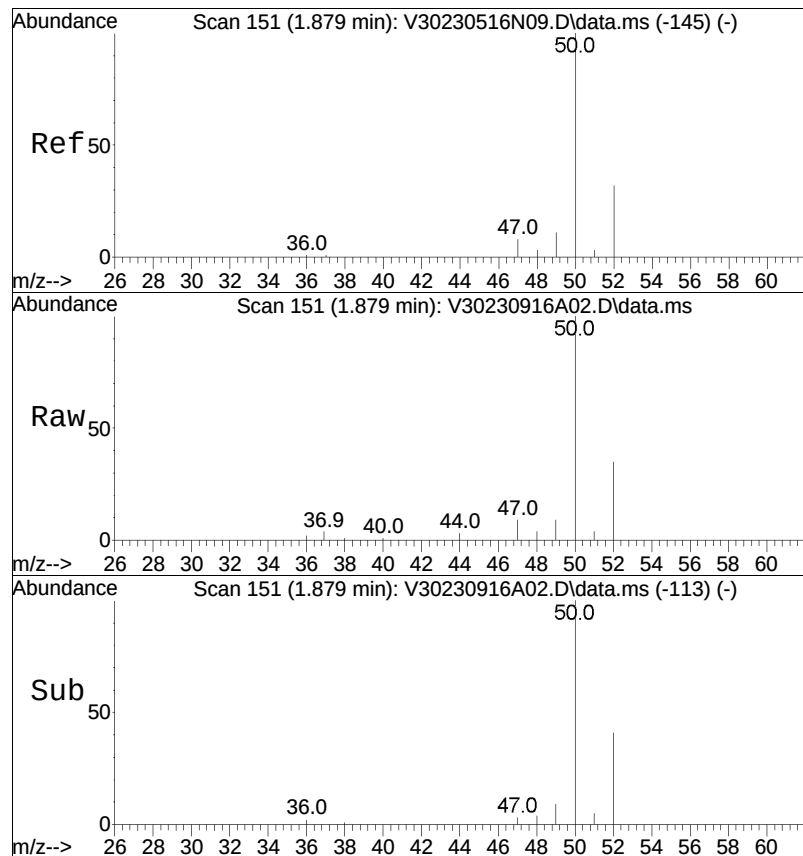




#2
 Dichlorodifluoromethane
 Concen: 10.15 ug/L
 RT: 1.685 min Scan# 114
 Delta R.T. -0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

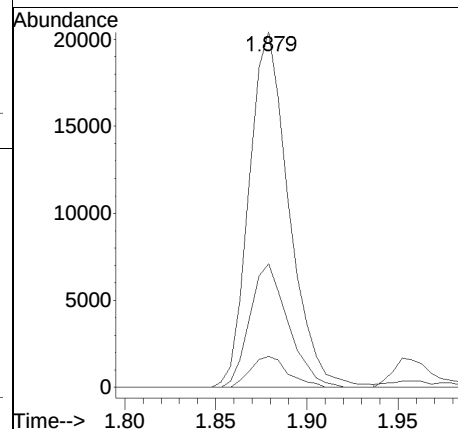
Tgt Ion	Ratio	Resp	Lower	Upper
85	100	43592		
87	31.4	20.2	42.0	
50	12.0	10.1	20.9	

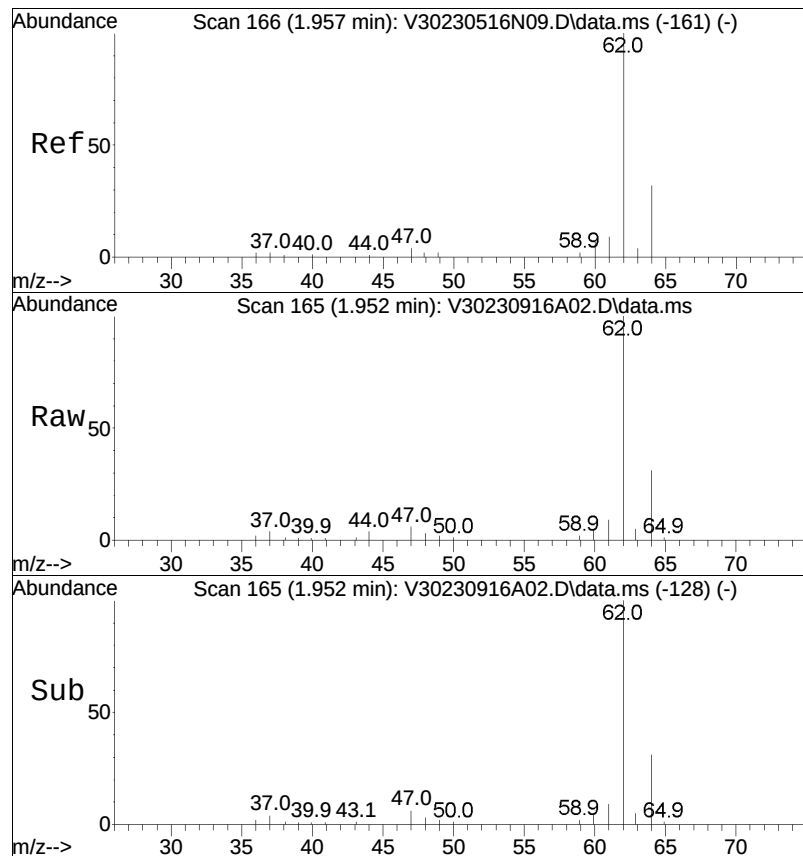




#3
 Chloromethane
 Concen: 9.37 ug/L
 RT: 1.879 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

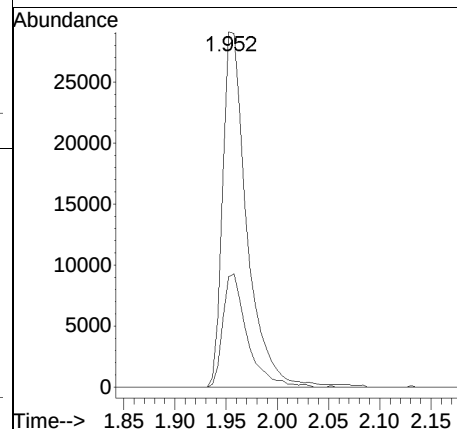
Tgt	Ion: 50	Resp:	31115
Ion	Ratio	Lower	Upper
50	100		
52	33.5	25.1	37.7
47	8.3	6.5	9.7

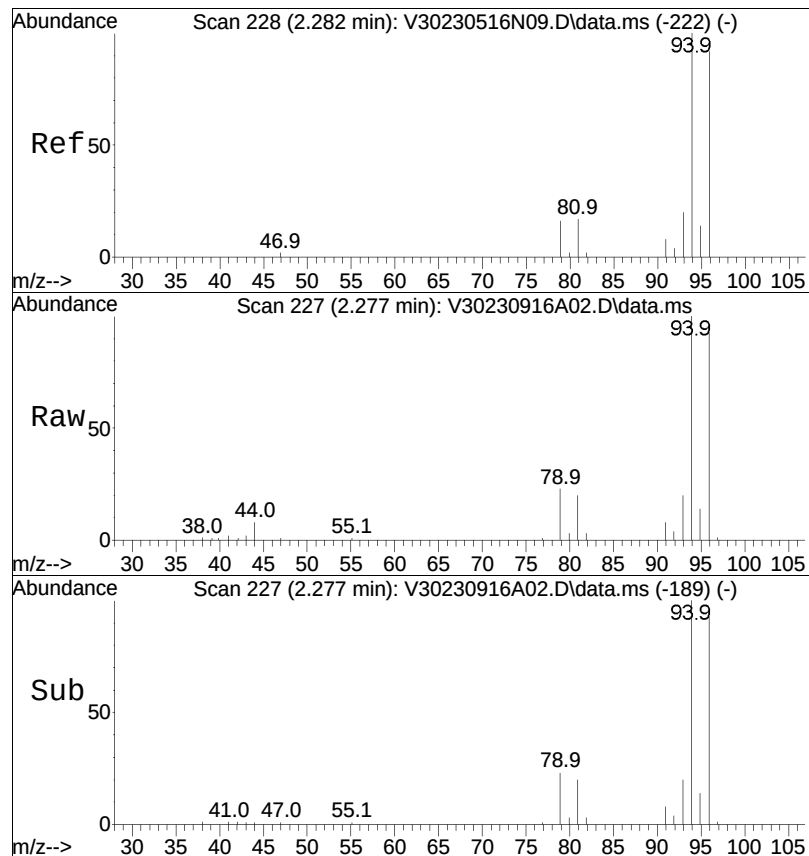




#4
 Vinyl chloride
 Concen: 11.71 ug/L
 RT: 1.952 min Scan# 165
 Delta R.T. -0.005 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

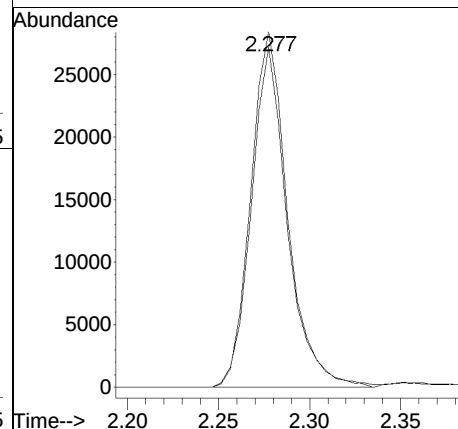
Tgt Ion:	62	Resp:	48350
Ion Ratio	Lower	Upper	
62	100		
64	32.1	25.7	38.5

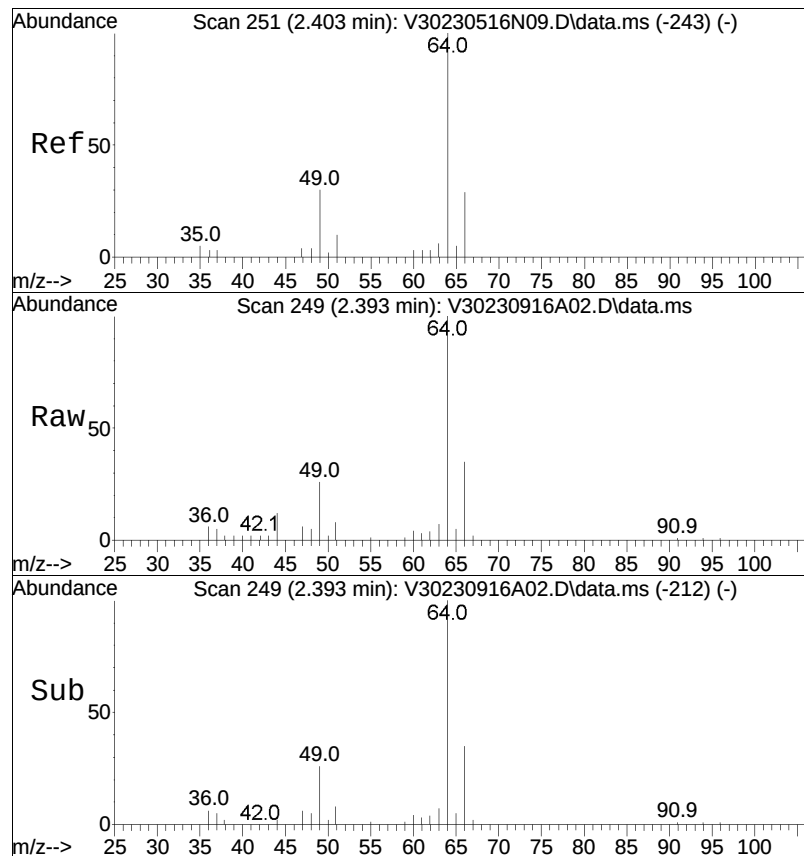




#5
 Bromomethane
 Concen: 8.21 ug/L
 RT: 2.277 min Scan# 227
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

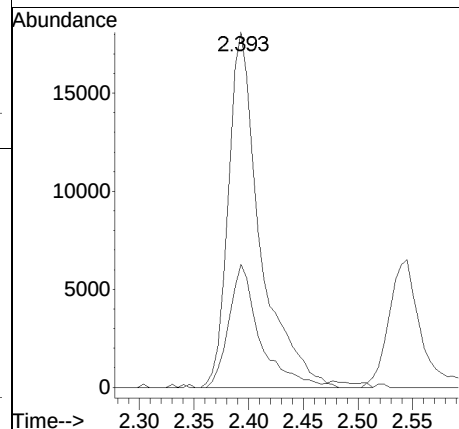
Tgt Ion	Ratio	Lower	Upper
94	100		
96	93.5	73.7	110.5

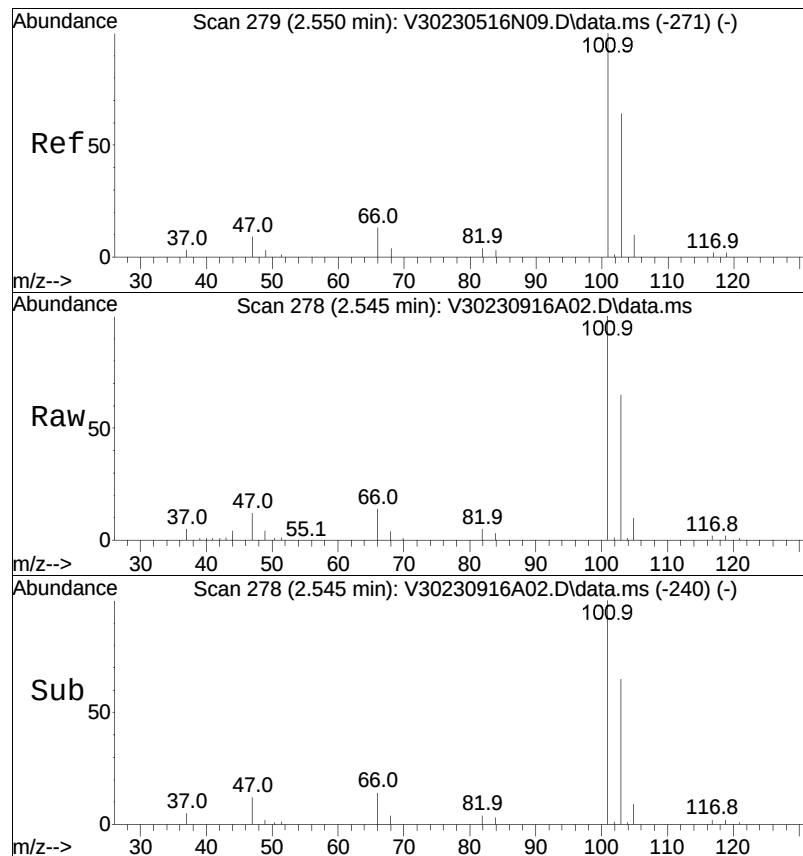




#6
 Chloroethane
 Concen: 11.50 ug/L
 RT: 2.393 min Scan# 249
 Delta R.T. -0.005 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

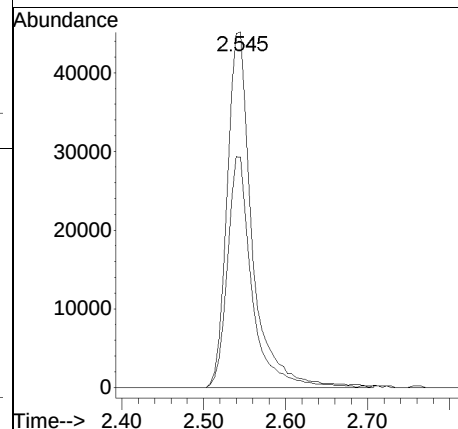
Tgt Ion	Ratio	Lower	Upper
64	100		
66	33.5	25.3	37.9

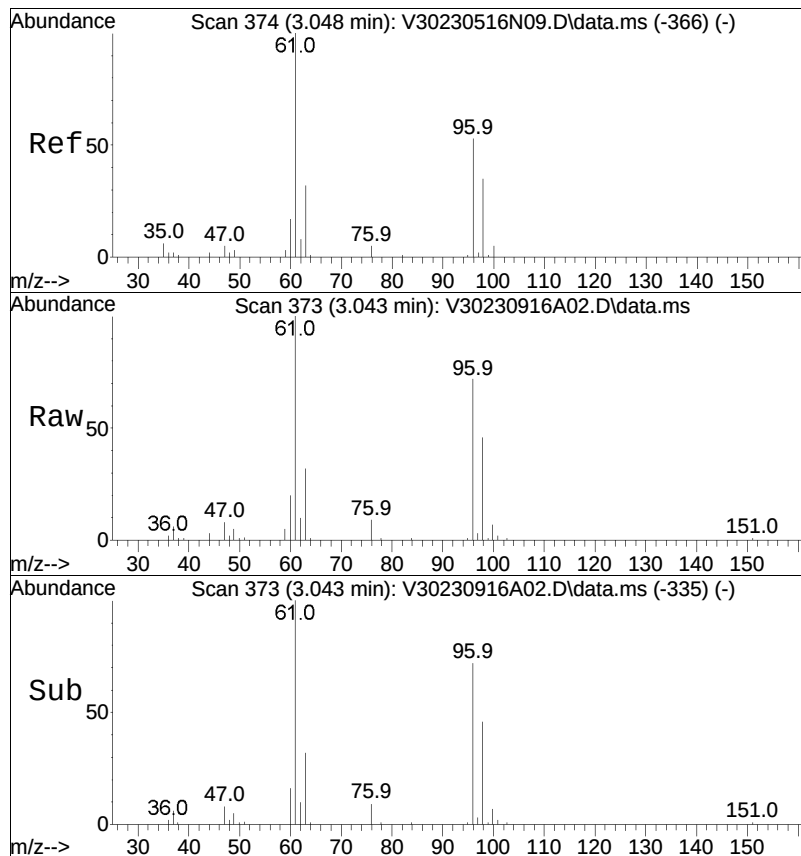




#7
 Trichlorofluoromethane
 Concen: 11.98 ug/L
 RT: 2.545 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

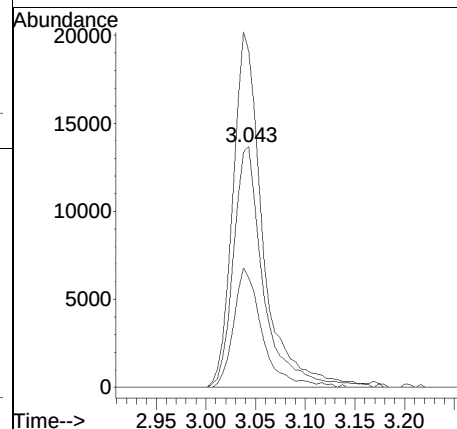
Tgt	Ion	Ratio	Lower	Upper
101	100			
103	63.7	51.0	76.4	

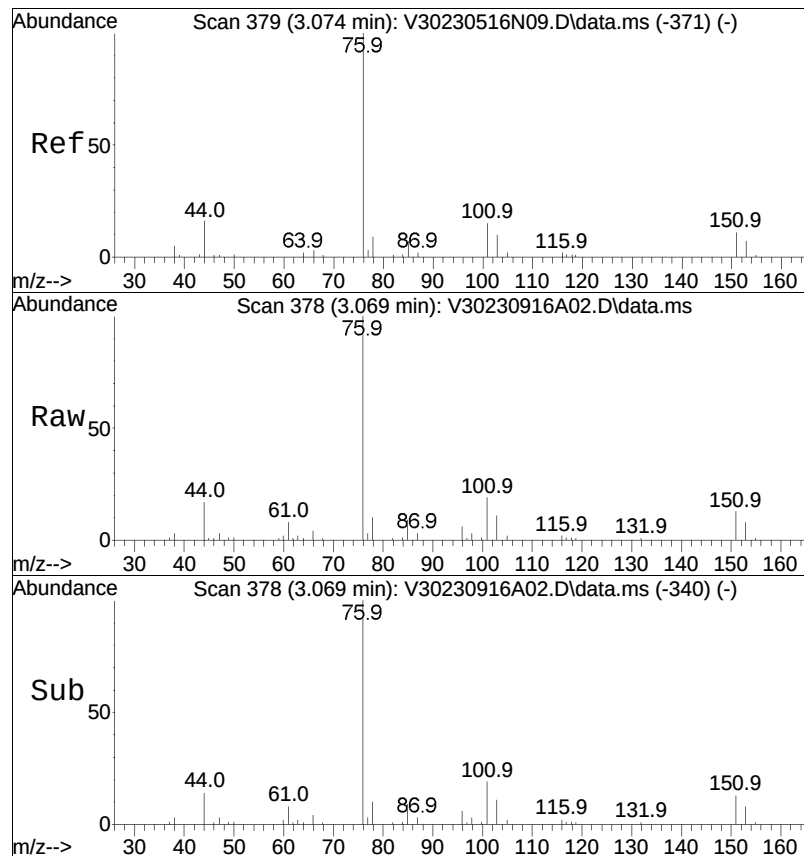




#10
 1,1-Dichloroethene
 Concen: 10.36 ug/L
 RT: 3.043 min Scan# 373
 Delta R.T. -0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

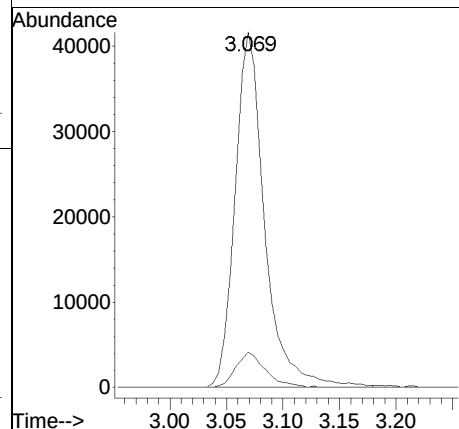
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	28900		
61	146.6		165.5	248.3#
63	47.4		51.9	77.9#

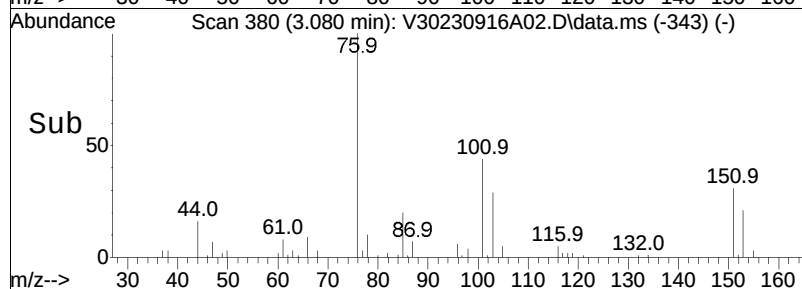
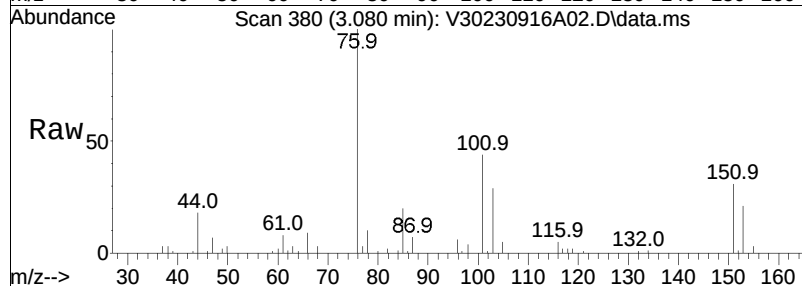
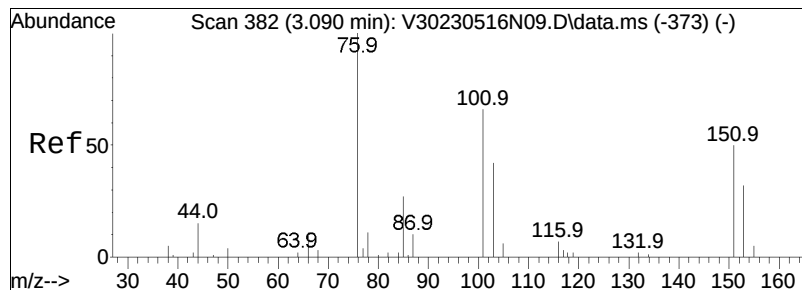




#11
 Carbon disulfide
 Concen: 9.85 ug/L
 RT: 3.069 min Scan# 378
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

Tgt Ion:	76	78	Ratio	100	10.0	Resp:	75981	Lower	6.4	Upper	13.4
Ion	76	78	Ratio	100	10.0	Resp:	75981	Lower	6.4	Upper	13.4





#12

Freon-113

Concen: 10.28 ug/L

RT: 3.080 min Scan# 380

Delta R.T. -0.005 min

Lab File: V30230916A02.D

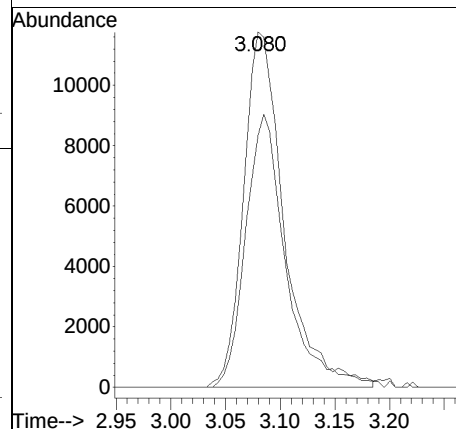
Acq: 16 Sep 2023 01:20 pm

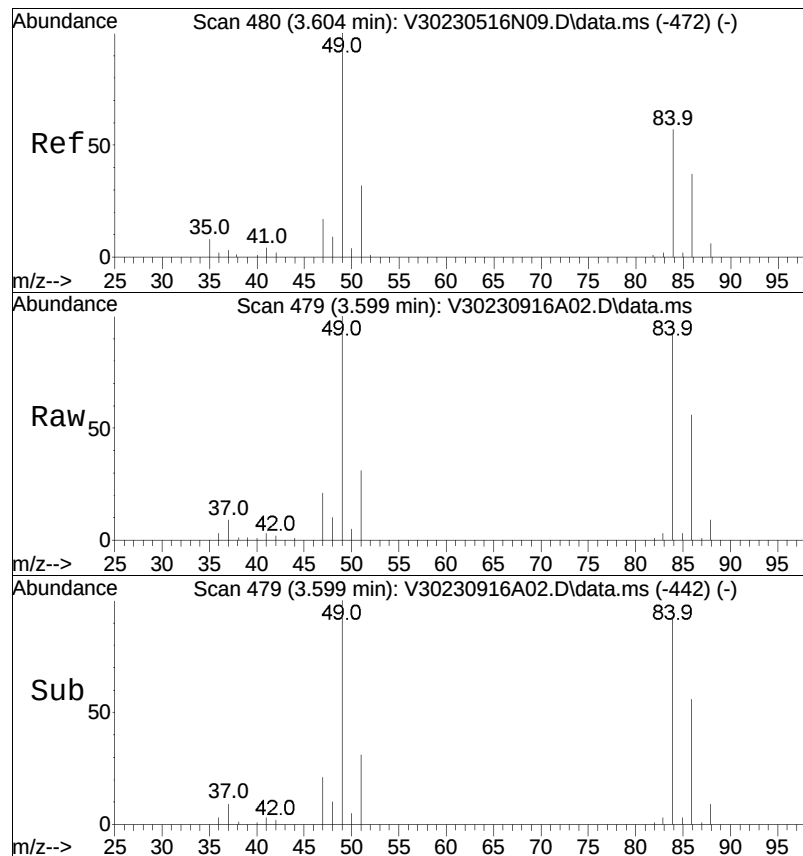
Tgt Ion:101 Resp: 30545

Ion Ratio Lower Upper

101 100

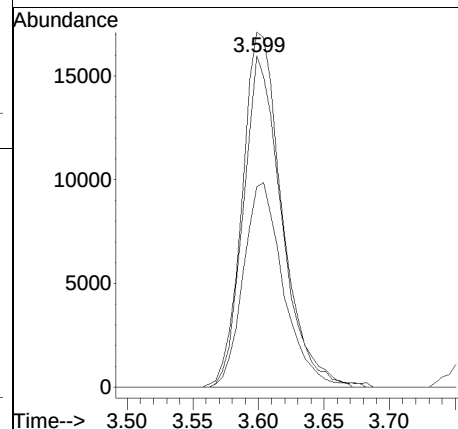
151 76.3 51.9 77.9

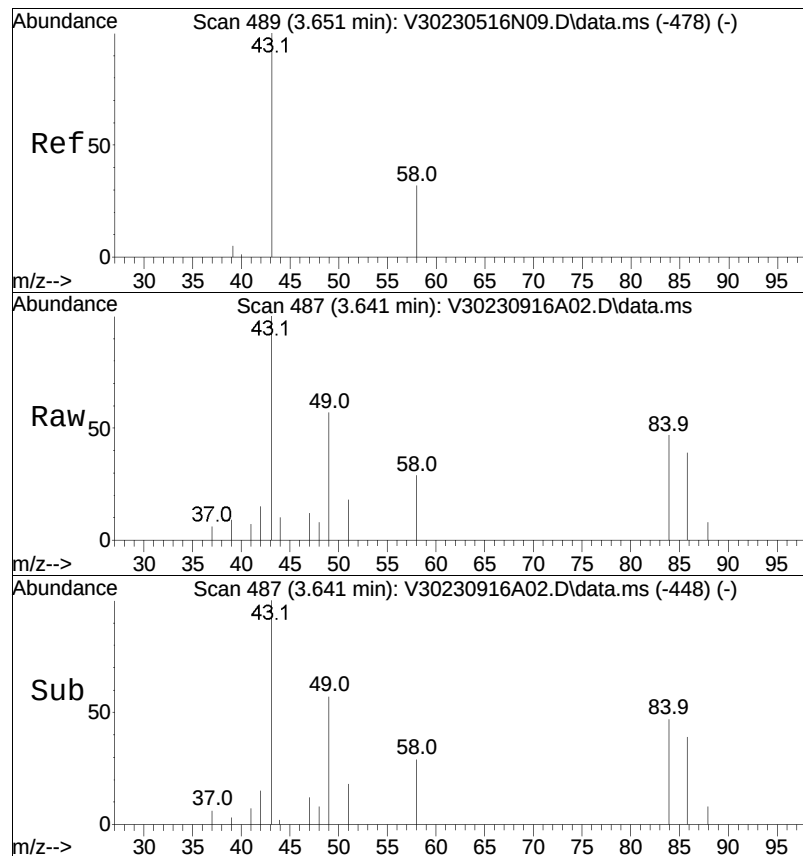




#15
Methylene chloride
Concen: 10.22 ug/L
RT: 3.599 min Scan# 479
Delta R.T. -0.005 min
Lab File: V30230916A02.D
Acq: 16 Sep 2023 01:20 pm

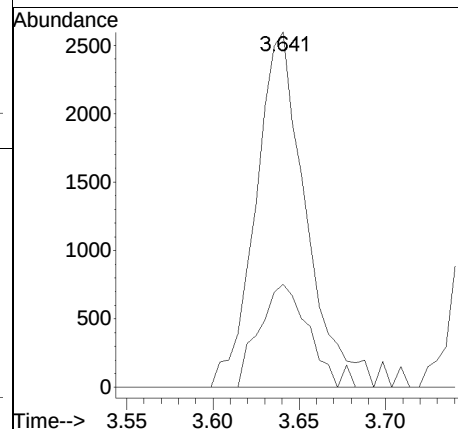
Tgt Ion:	84	Resp:	32625
Ion Ratio	Lower	Upper	
84	100		
86	64.5	41.7	86.5
49	112.0	103.9	215.9

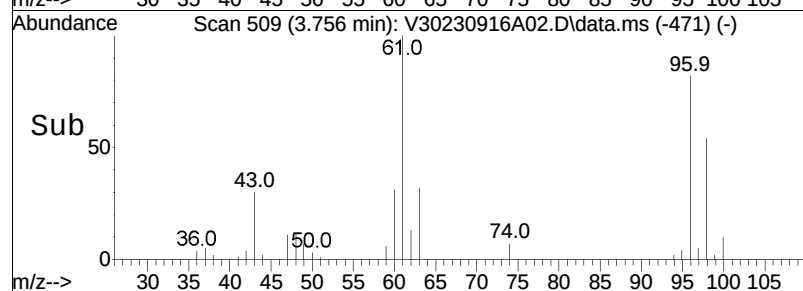
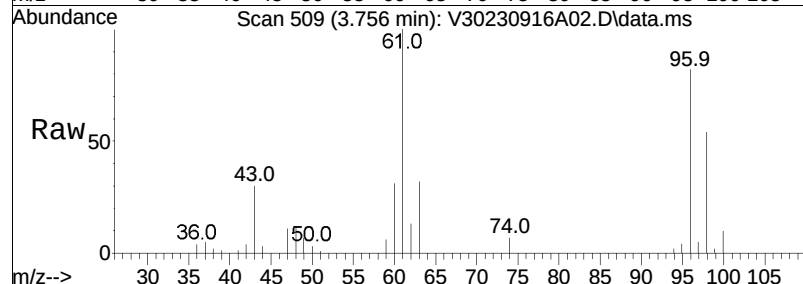
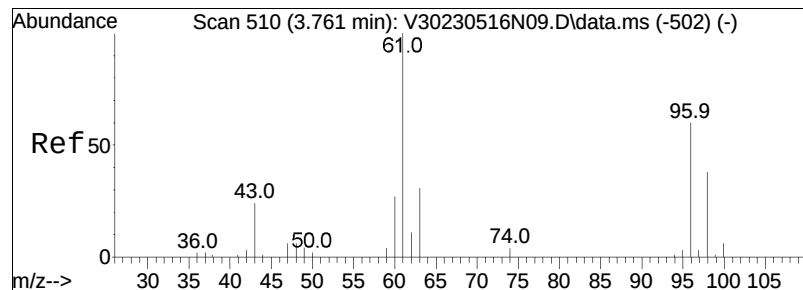




#17
 Acetone
 Concen: 10.03 ug/L
 RT: 3.641 min Scan# 487
 Delta R.T. 0.006 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

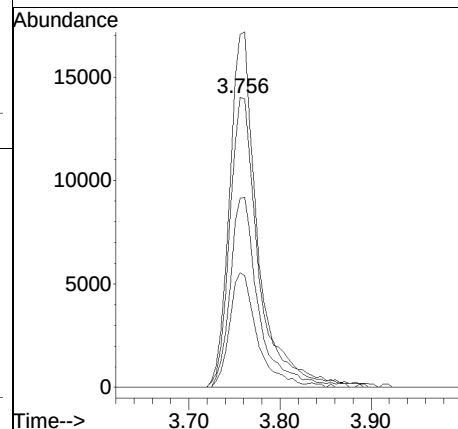
Tgt Ion:	43	58	Ratio	Lower	Upper
Resp:	5206				
Ion Ratio	100	29.0			
			20.1	30.1	

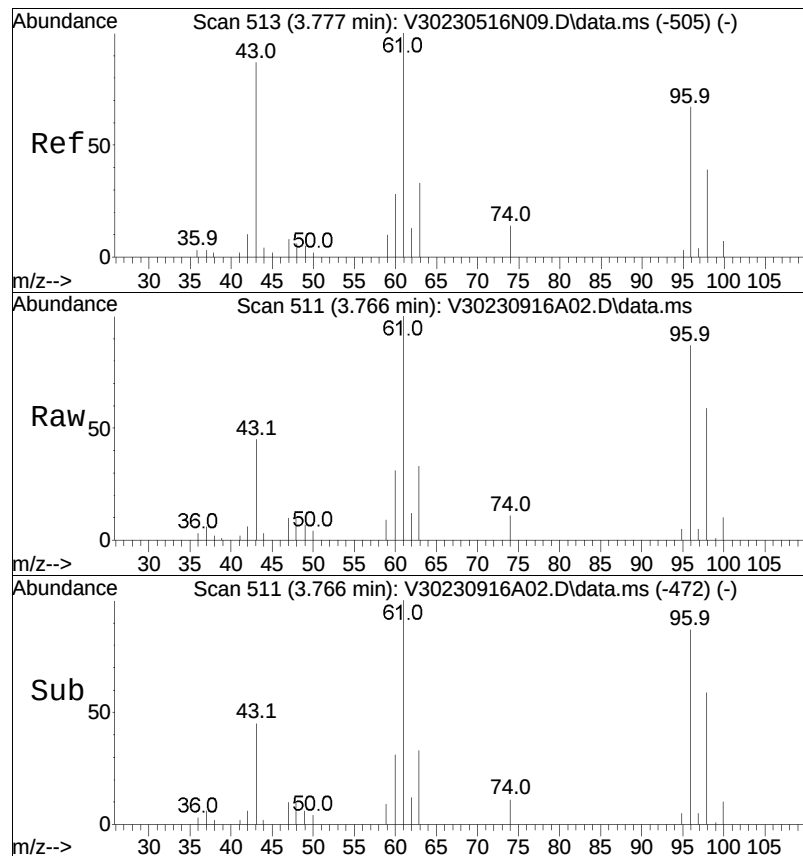




#18
 trans-1,2-Dichloroethene
 Concen: 10.05 ug/L
 RT: 3.756 min Scan# 509
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

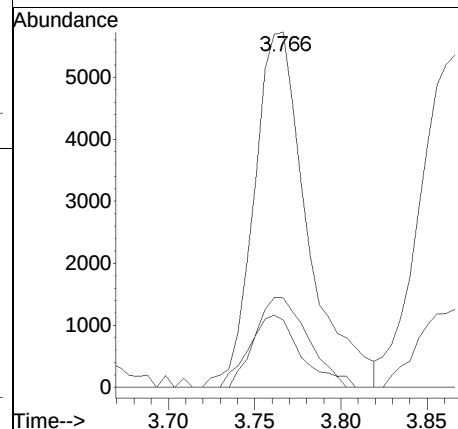
Tgt Ion:	96	Resp:	31252
Ion Ratio	Lower	Upper	
96	100		
61	119.4	113.6	236.0
98	64.4	40.8	84.8
63	37.6	36.5	75.7

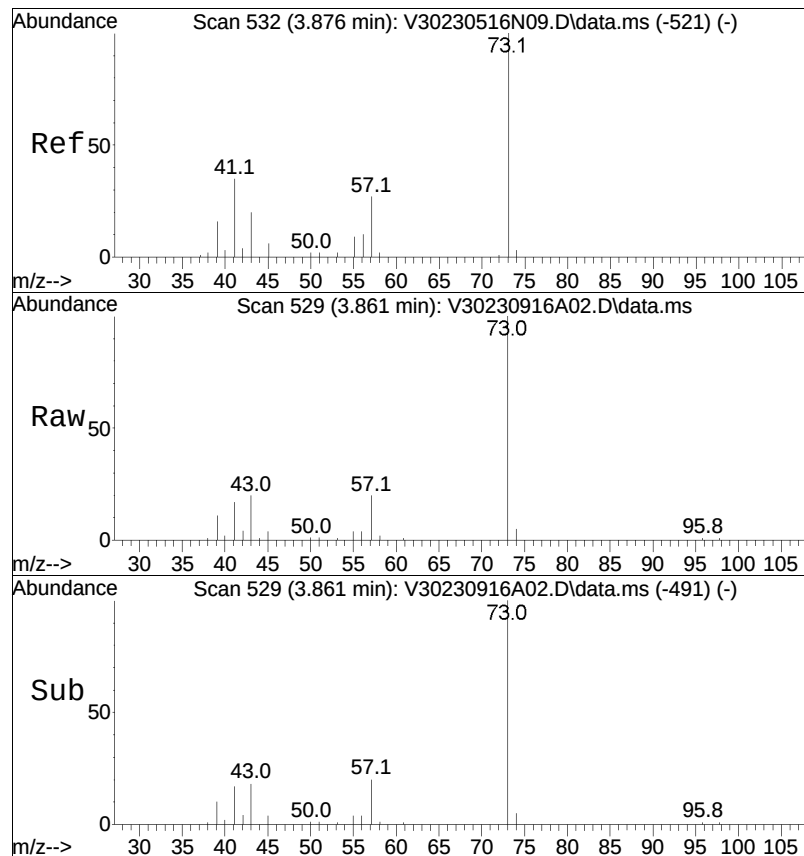




#19
Methyl acetate
Concen: 10.20 ug/L
RT: 3.766 min Scan# 511
Delta R.T. 0.005 min
Lab File: V30230916A02.D
Acq: 16 Sep 2023 01:20 pm

Tgt Ion:	43	Resp:	12324
Ion Ratio	Lower	Upper	
43	100		
74	25.3	14.6	22.0#
59	19.5	9.3	13.9#





#21

Methyl tert-butyl ether

Concen: 10.08 ug/L

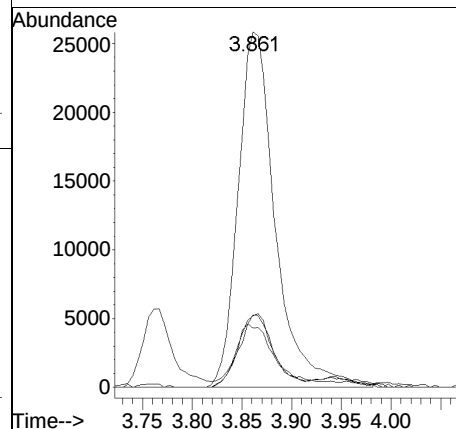
RT: 3.861 min Scan# 529

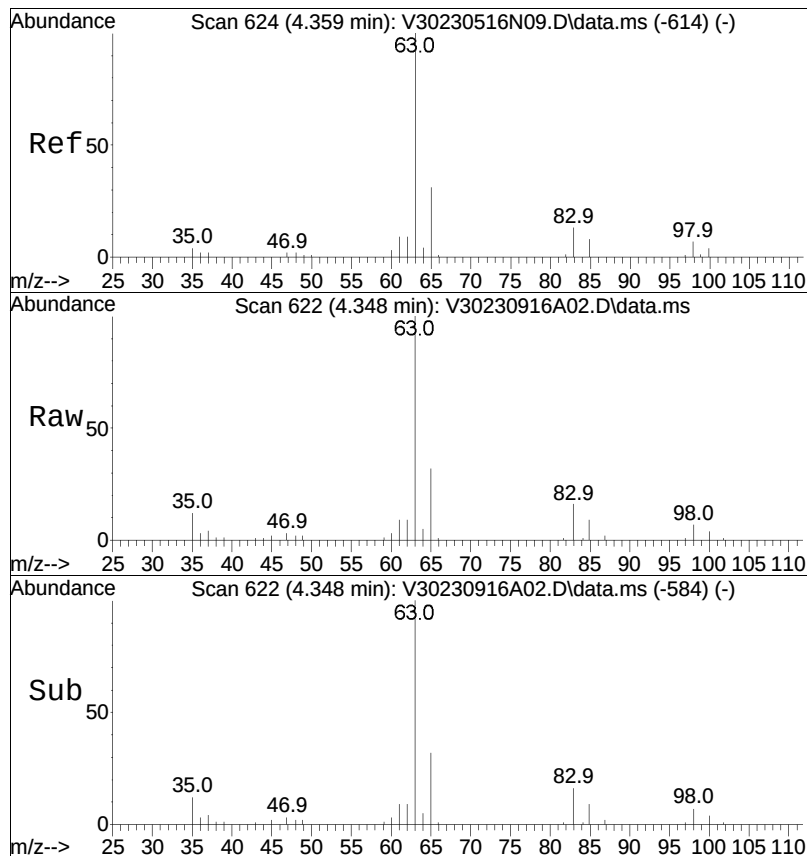
Delta R.T. -0.000 min

Lab File: V30230916A02.D

Acq: 16 Sep 2023 01:20 pm

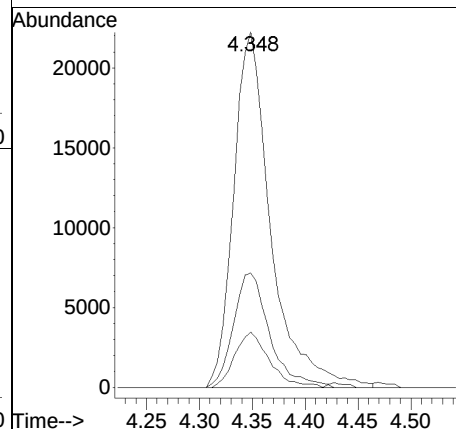
Tgt	Ion: 73	Resp:	67743
Ion	Ratio	Lower	Upper
73	100		
57	19.3	15.5	32.1
43	20.5	16.6	34.6
41	17.3	17.2	35.6

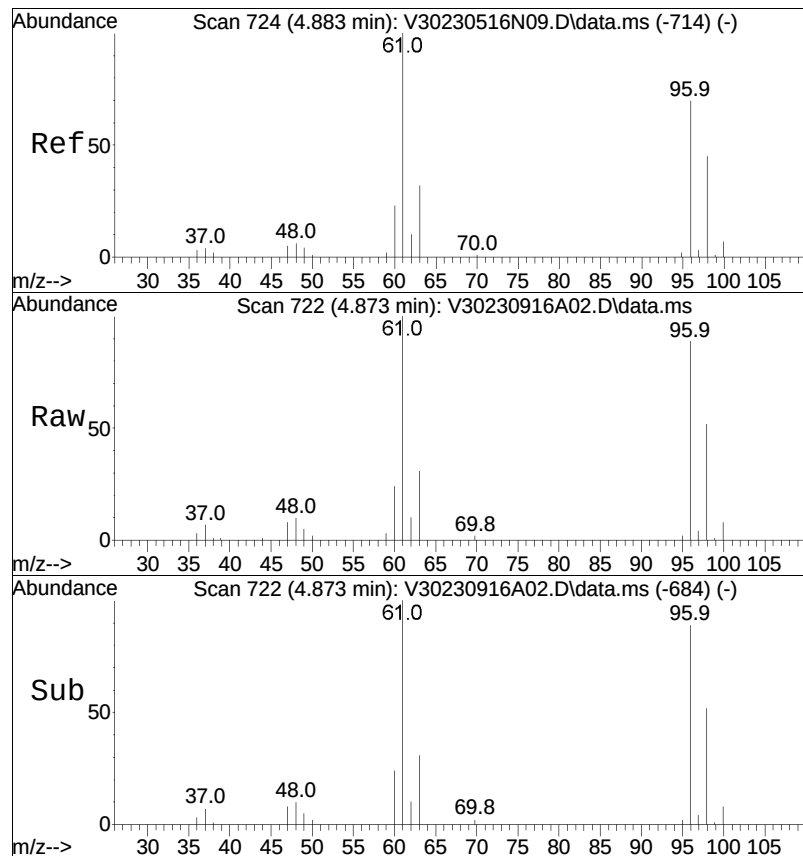




#25
 1,1-Dichloroethane
 Concen: 10.08 ug/L
 RT: 4.348 min Scan# 622
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

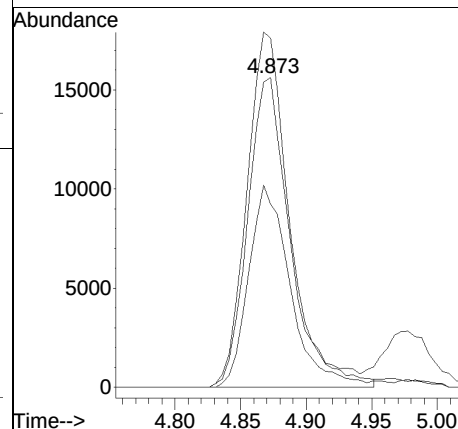
Tgt	Ion: 63	Resp:	54339
Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.5	36.7
83	14.6	8.9	13.3#

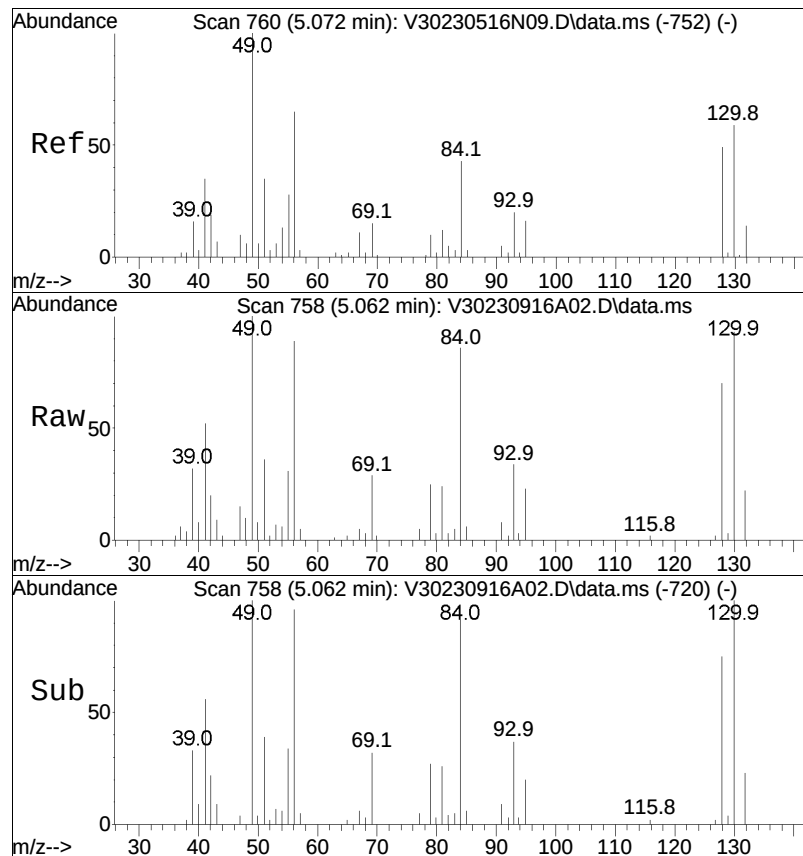




#30
 cis-1,2-Dichloroethene
 Concen: 9.97 ug/L
 RT: 4.873 min Scan# 722
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

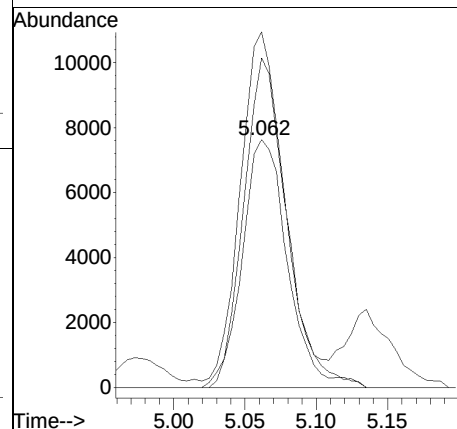
Tgt Ion:	96	Resp:	35331
Ion Ratio	Lower	Upper	
96	100		
61	115.0	129.3	193.9#
98	64.0	51.4	77.2

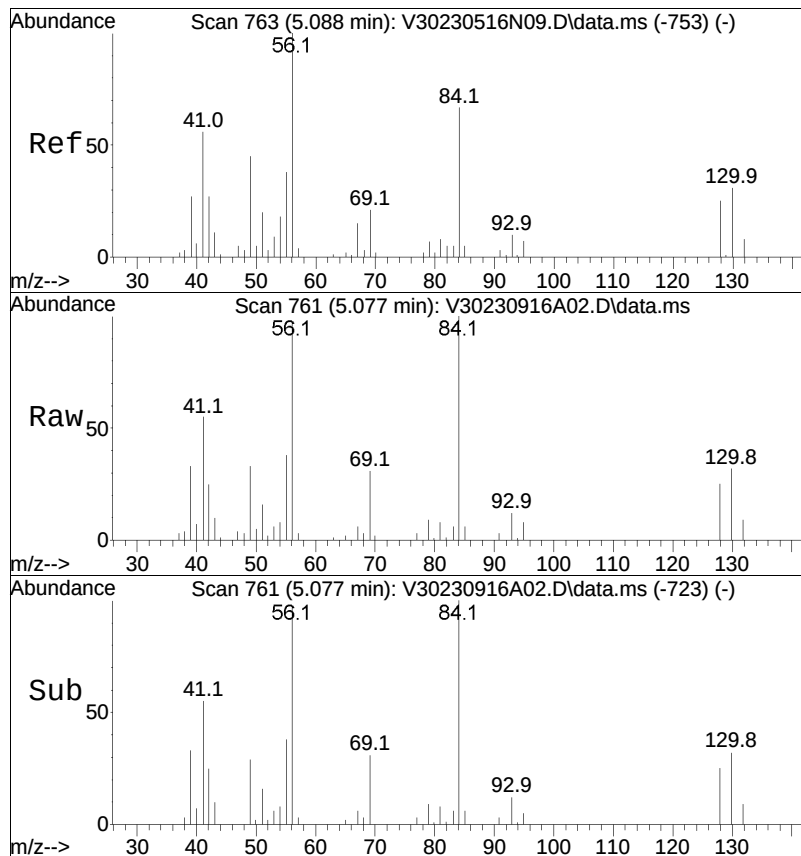




#33
 Bromochloromethane
 Concen: 9.82 ug/L
 RT: 5.062 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

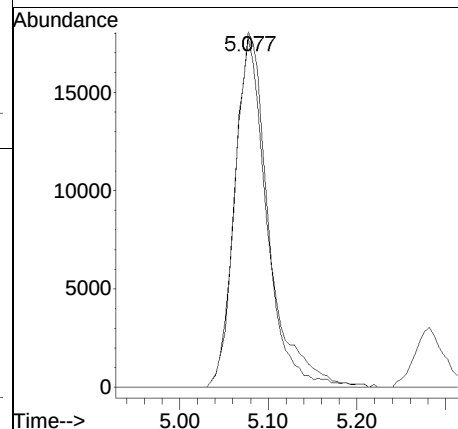
Tgt Ion	Ratio	Lower	Upper
128	100		
49	142.9	214.8	322.2#
130	128.3	105.4	158.2

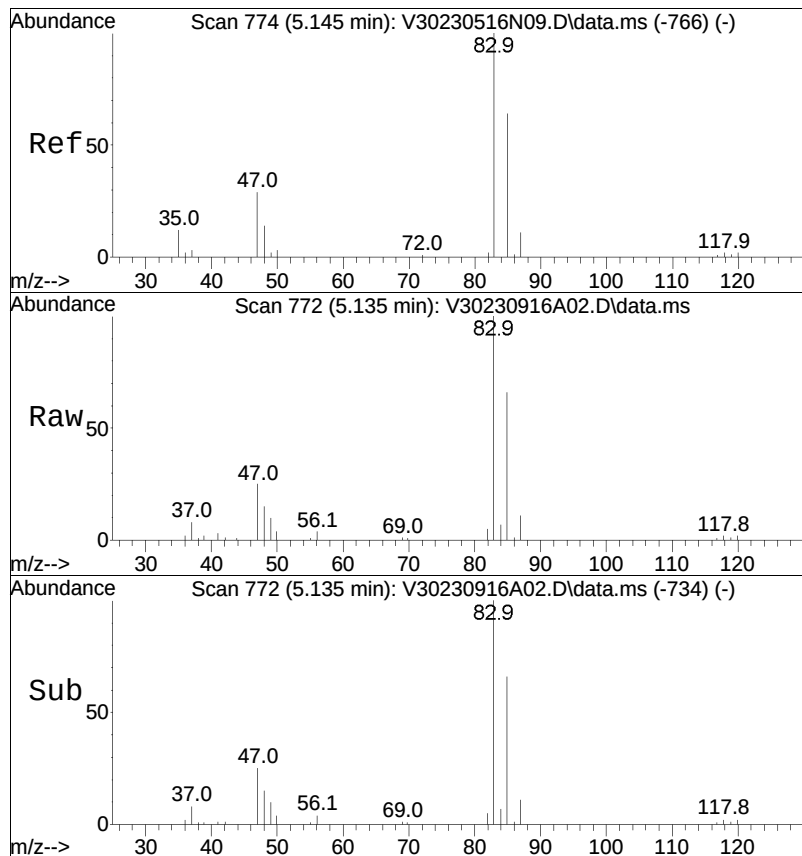




#34
 Cyclohexane
 Concen: 9.91 ug/L
 RT: 5.077 min Scan# 761
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

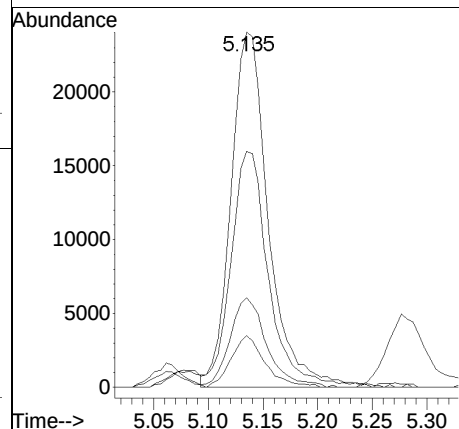
Tgt	Ion	Resp	Lower	Upper
56	100			
84	107.9	49.9	103.5#	

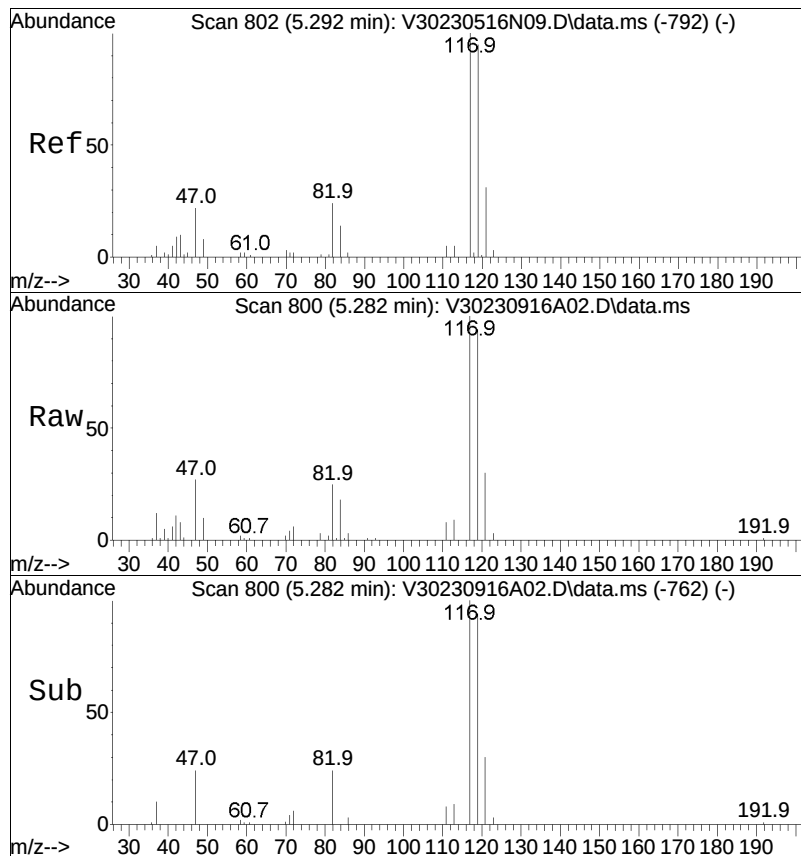




#35
 Chloroform
 Concen: 10.02 ug/L
 RT: 5.135 min Scan# 772
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

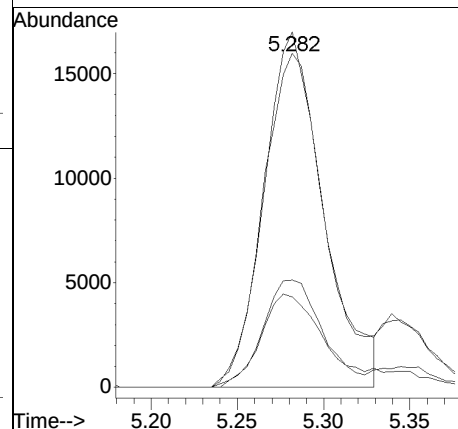
Tgt	Ion: 83	Resp:	57551
Ion	Ratio	Lower	Upper
83	100		
85	67.0	41.4	86.0
47	24.9	20.5	42.5
48	13.3	9.9	20.5

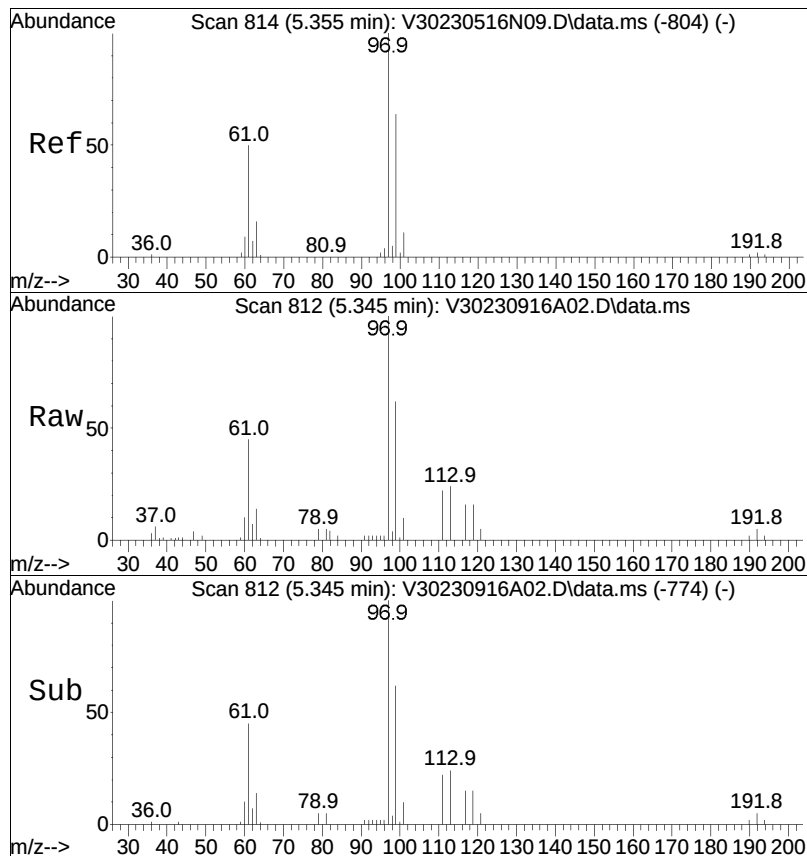




#37
 Carbon tetrachloride
 Concen: 9.42 ug/L
 RT: 5.282 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

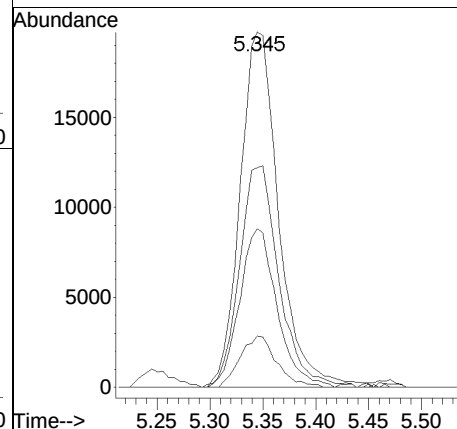
Tgt Ion:	117	Resp:	40666
Ion Ratio	Lower	Upper	
117	100		
119	96.3	62.0	128.8
121	30.4	19.6	40.6
82	32.2	18.8	39.0

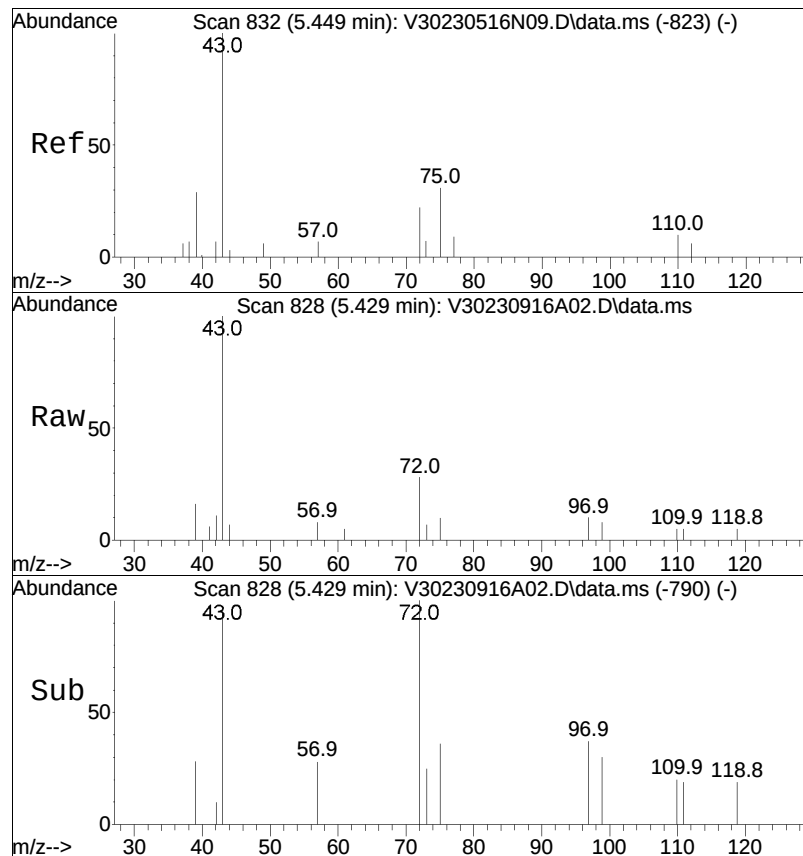




#40
 1,1,1-Trichloroethane
 Concen: 9.97 ug/L
 RT: 5.345 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

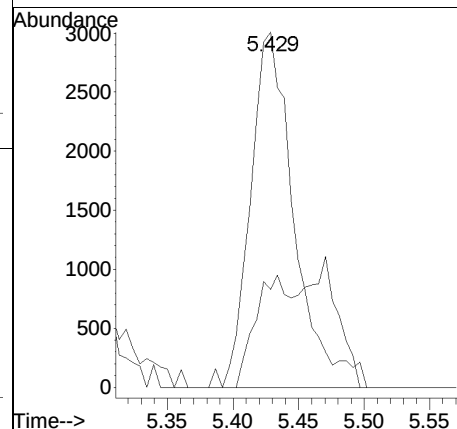
Tgt Ion:	97	Resp:	50212
Ion Ratio	Lower	Upper	
97	100		
99	63.6	40.6	84.4
61	43.6	35.0	72.8
63	13.7	11.1	23.0

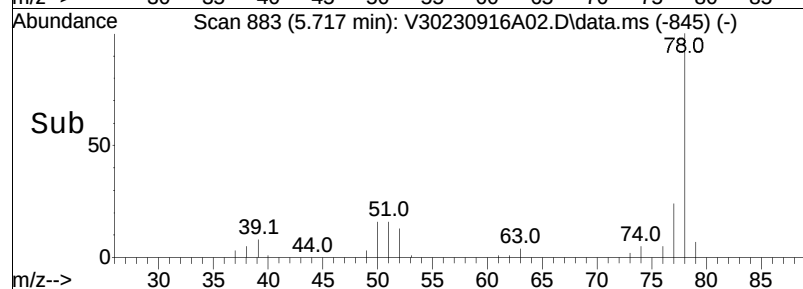
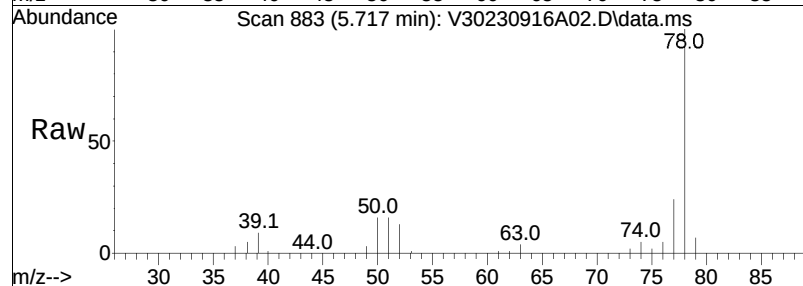
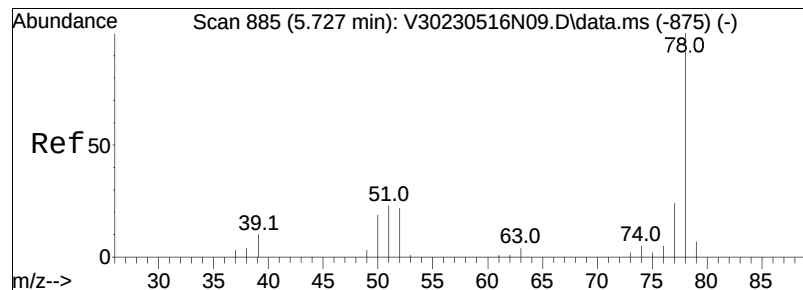




#42
 2-Butanone
 Concen: 9.81 ug/L
 RT: 5.429 min Scan# 828
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

Tgt Ion: 43 Resp: 7002
 Ion Ratio Lower Upper
 43 100
 72 24.7 18.2 27.4





#45

Benzene

Concen: 9.99 ug/L

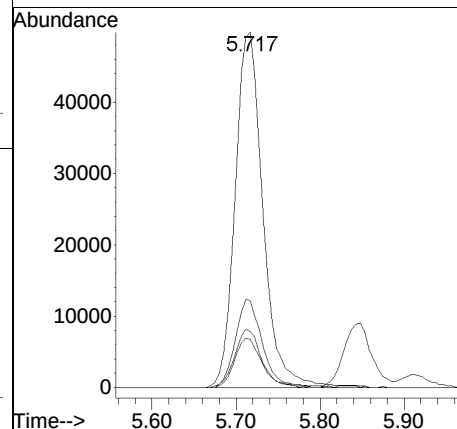
RT: 5.717 min Scan# 883

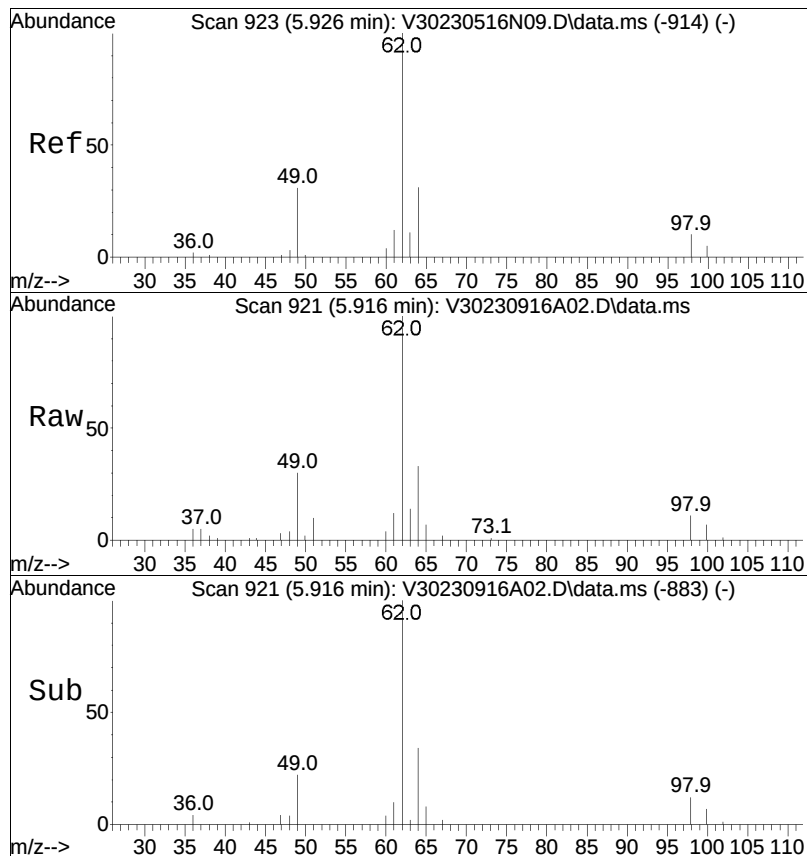
Delta R.T. 0.000 min

Lab File: V30230916A02.D

Acq: 16 Sep 2023 01:20 pm

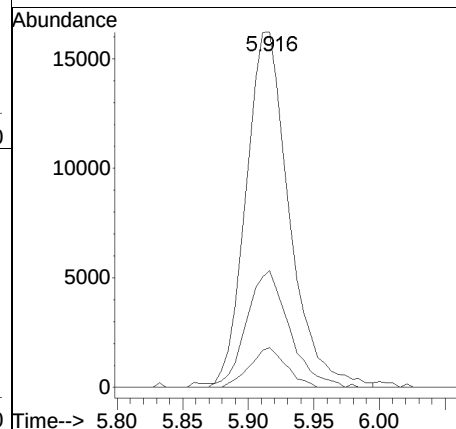
Tgt	Ion: 78	Resp:	114632
Ion	Ratio	Lower	Upper
78	100		
77	24.2	15.6	32.4
51	15.9	12.9	26.7
52	13.5	12.4	25.7

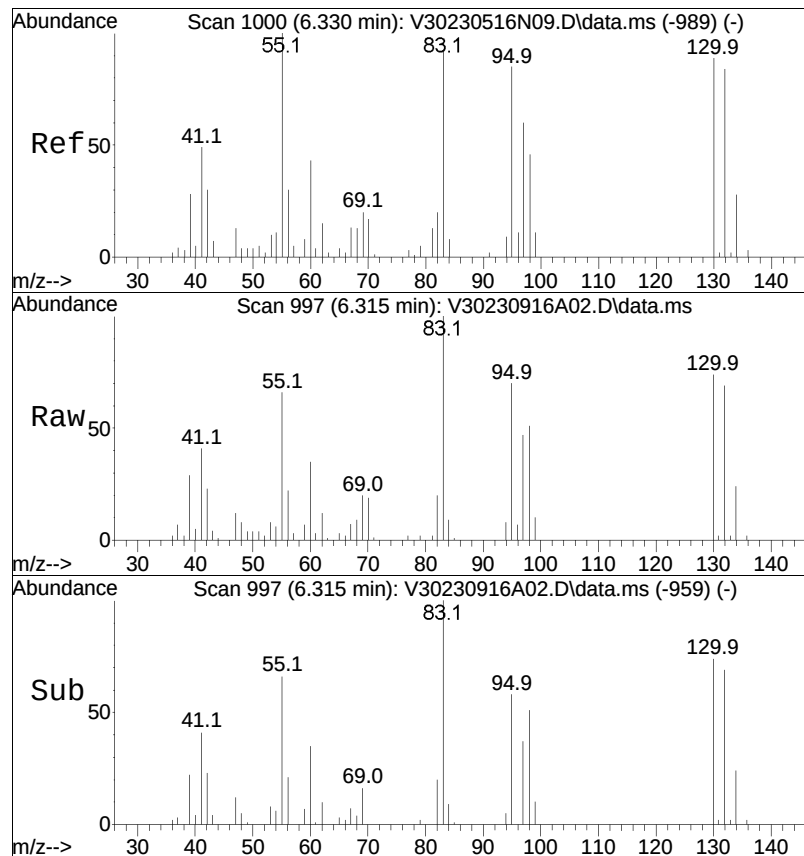




#48
 1,2-Dichloroethane
 Concen: 9.69 ug/L
 RT: 5.916 min Scan# 921
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

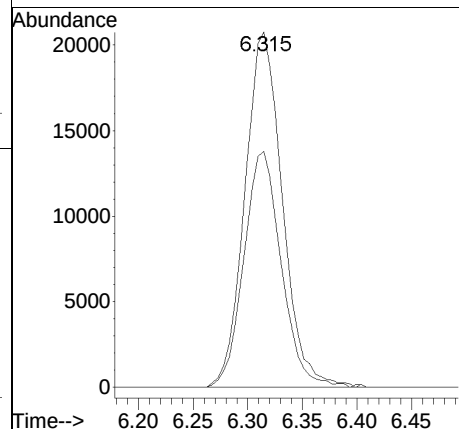
Tgt Ion:	62	Resp:	37318
Ion Ratio	Lower	Upper	
62	100		
64	33.1	25.5	38.3
98	9.5	5.5	8.3#

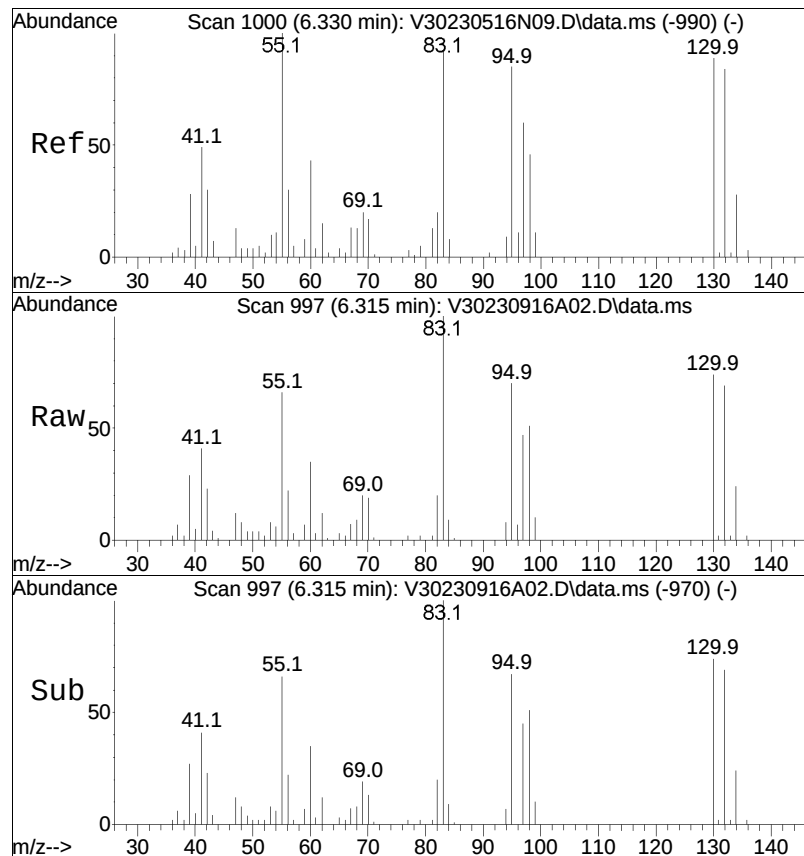




#51
Methyl cyclohexane
Concen: 9.85 ug/L
RT: 6.315 min Scan# 997
Delta R.T. 0.000 min
Lab File: V30230916A02.D
Acq: 16 Sep 2023 01:20 pm

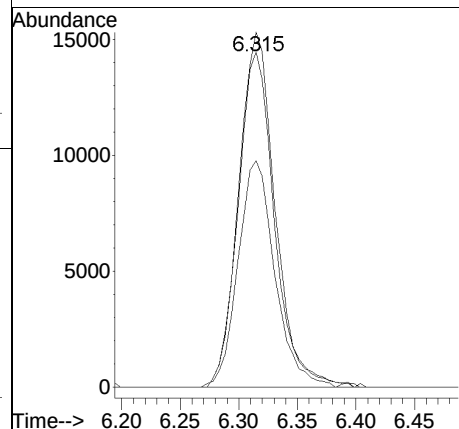
Tgt Ion: 83 Resp: 49615
Ion Ratio Lower Upper
83 100
55 66.3 74.6 112.0#

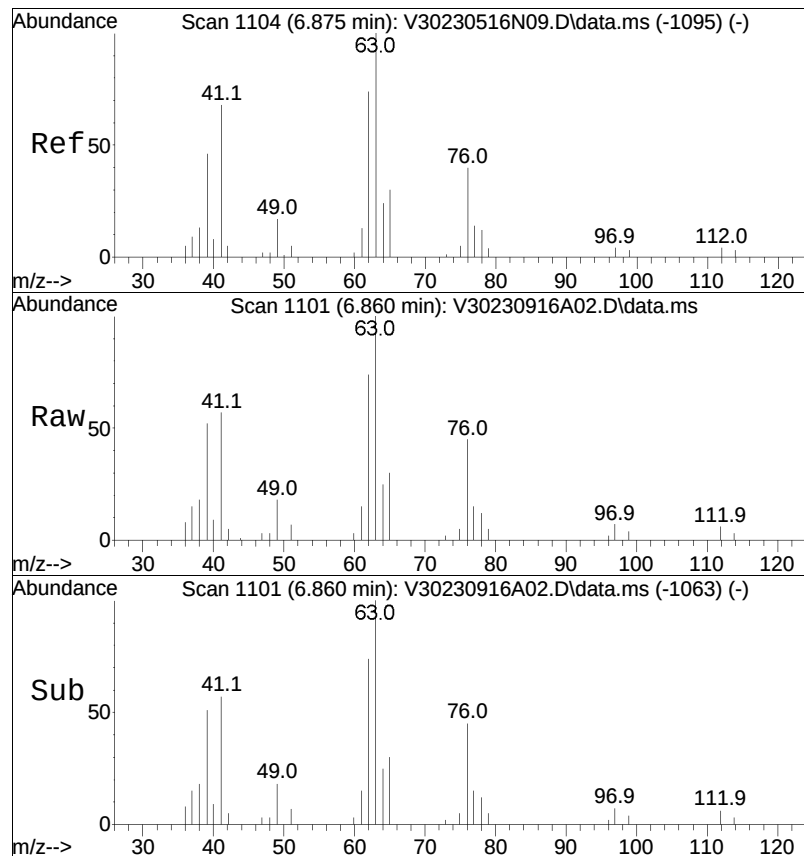




#52
 Trichloroethene
 Concen: 9.16 ug/L
 RT: 6.315 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

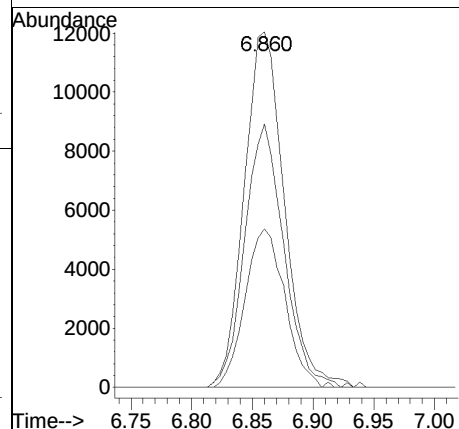
Tgt Ion	Ratio	Lower	Upper
95	100		
97	68.4	53.8	80.6
130	106.0	71.4	107.0

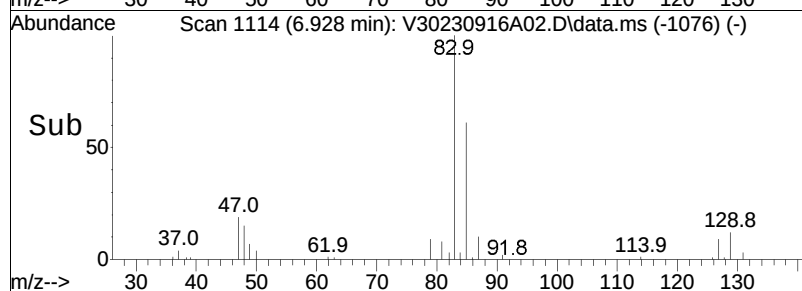
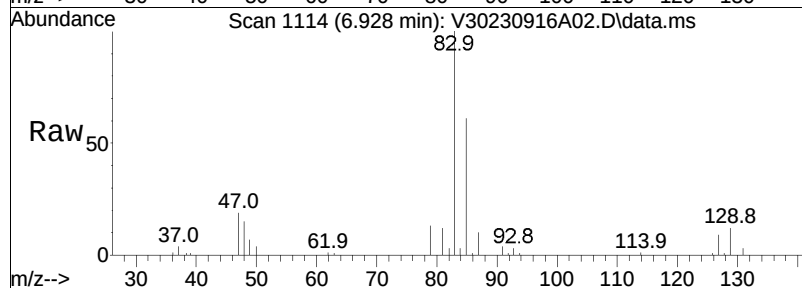
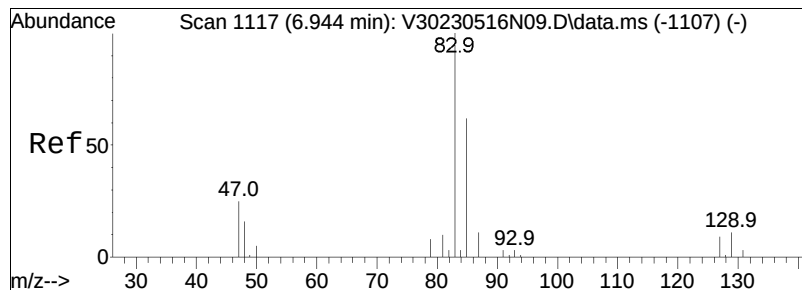




#55
 1,2-Dichloropropane
 Concen: 9.95 ug/L
 RT: 6.860 min Scan# 1101
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

Tgt Ion	Ratio	Lower	Upper
63	100		
62	72.1	58.1	87.1
76	44.3	30.4	45.6





#58

Bromodichloromethane

Concen: 9.86 ug/L

RT: 6.928 min Scan# 1114

Delta R.T. 0.000 min

Lab File: V30230916A02.D

Acq: 16 Sep 2023 01:20 pm

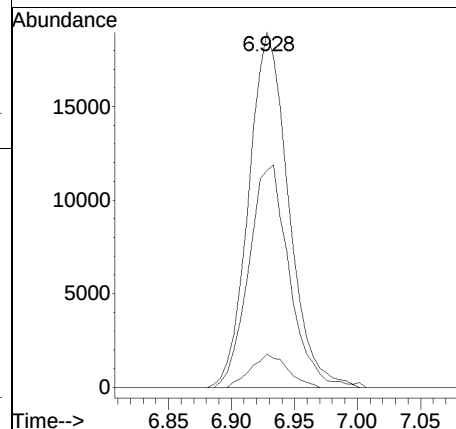
Tgt Ion: 83 Resp: 41805

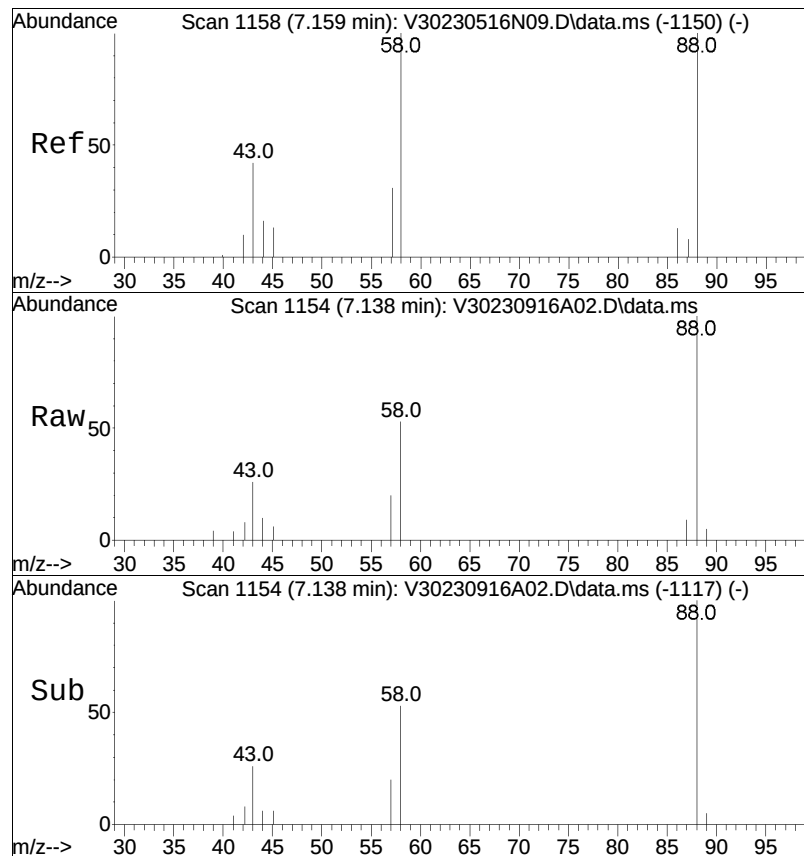
Ion Ratio Lower Upper

83 100

85 63.5 50.2 75.2

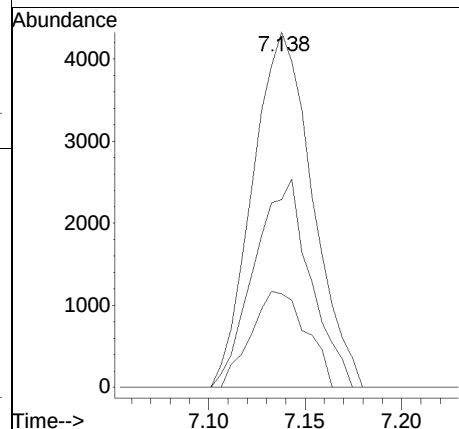
127 8.6 5.2 7.8#

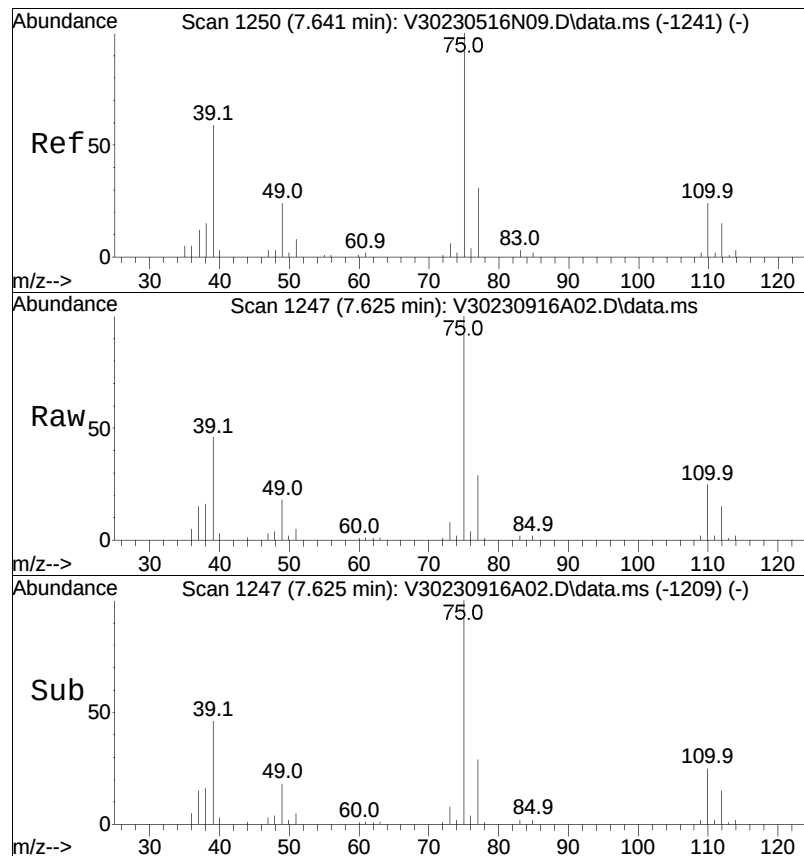




#61
 1,4-Dioxane
 Concen: 458.28 ug/L
 RT: 7.138 min Scan# 1154
 Delta R.T. -0.005 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

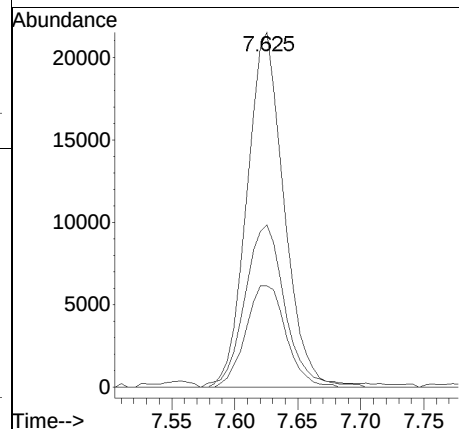
Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.9	59.9	89.9#
43	25.0	30.8	46.2#

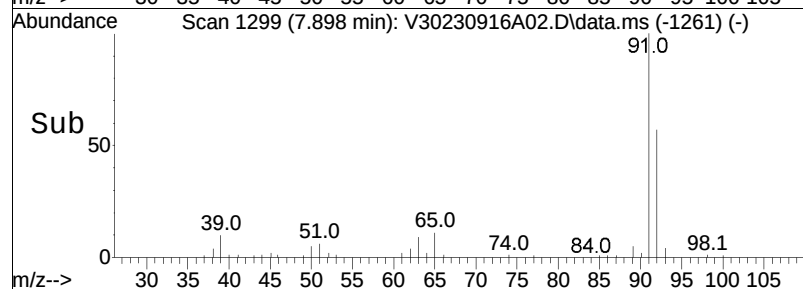
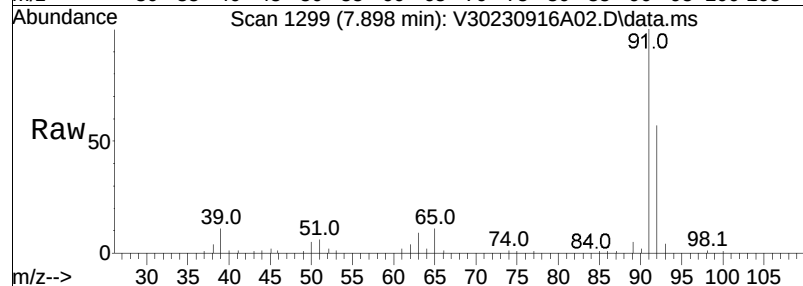
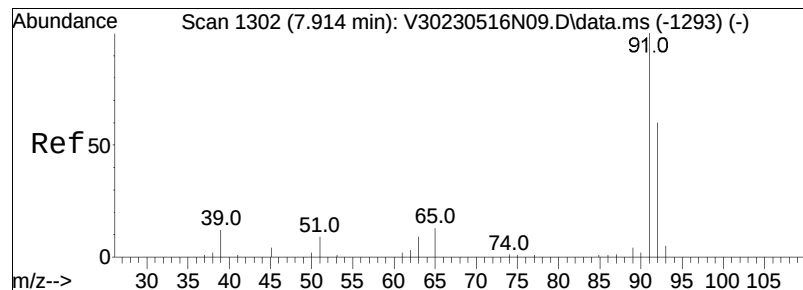




#62
 cis-1,3-Dichloropropene
 Concen: 9.65 ug/L
 RT: 7.625 min Scan# 1247
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

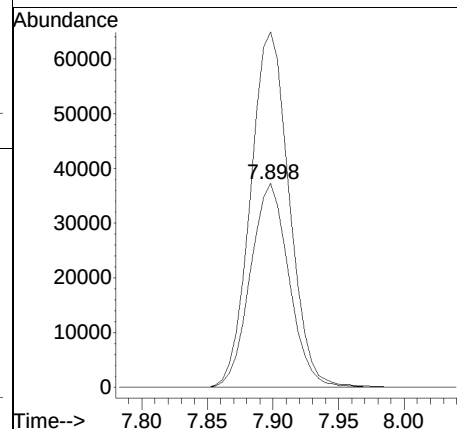
Tgt Ion:	75	Resp:	44012
Ion Ratio	Lower	Upper	
75	100		
77	31.3	25.4	38.2
39	50.8	54.6	82.0#

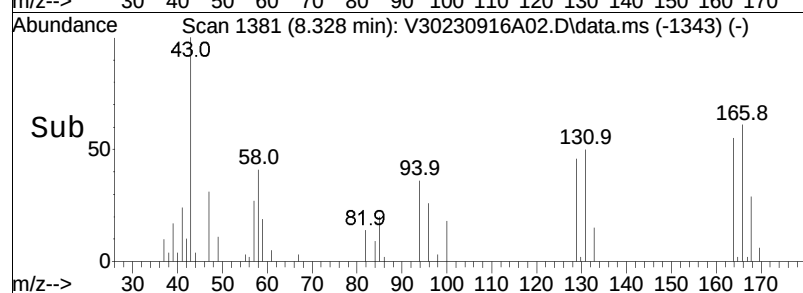
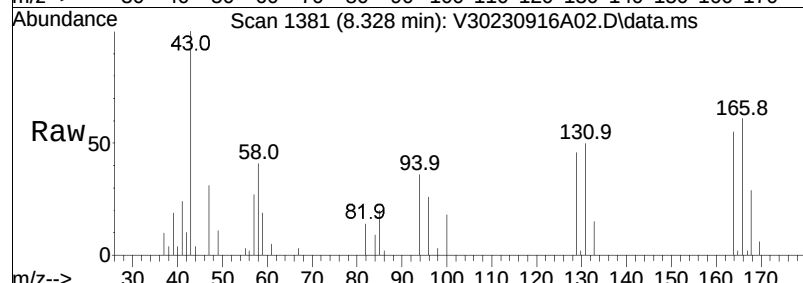
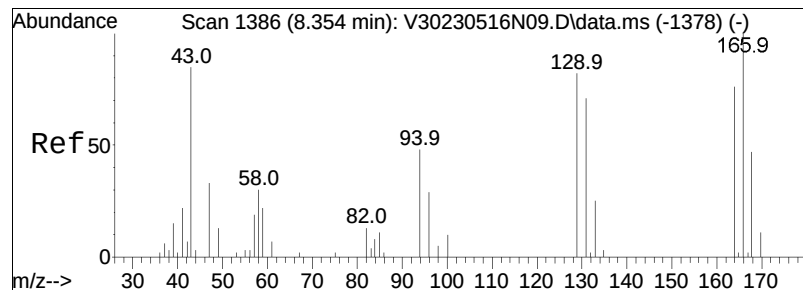




#65
Toluene
Concen: 9.65 ug/L
RT: 7.898 min Scan# 1299
Delta R.T. 0.000 min
Lab File: V30230916A02.D
Acq: 16 Sep 2023 01:20 pm

Tgt	Ion	Resp	Lower	Upper
92	100			
91	174.5	137.5	206.3	





#66

4-Methyl-2-pentanone

Concen: 9.89 ug/L

RT: 8.328 min Scan# 1381

Delta R.T. 0.000 min

Lab File: V30230916A02.D

Acq: 16 Sep 2023 01:20 pm

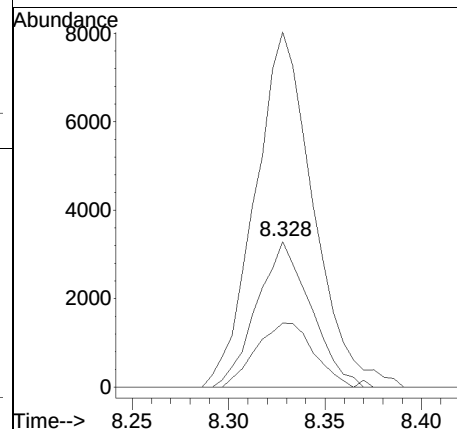
Tgt Ion: 58 Resp: 6401

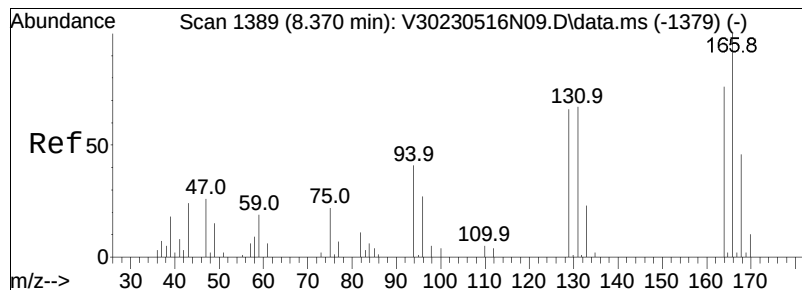
Ion Ratio Lower Upper

58 100

100 48.2 22.6 34.0#

43 264.4 234.6 351.8





#67

Tetrachloroethene

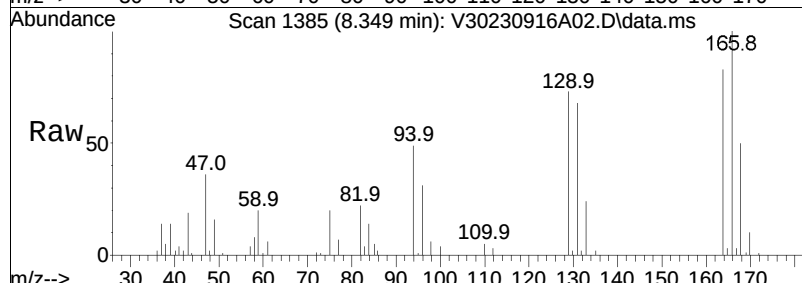
Concen: 9.28 ug/L

RT: 8.349 min Scan# 1385

Delta R.T. 0.000 min

Lab File: V30230916A02.D

Acq: 16 Sep 2023 01:20 pm



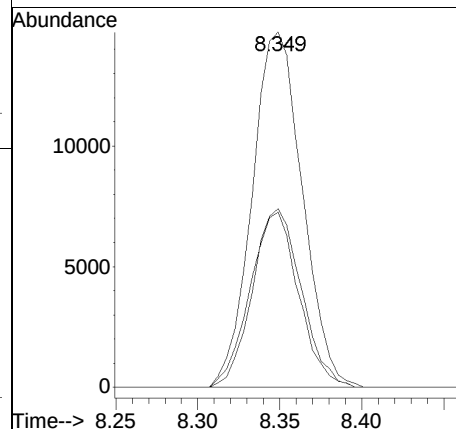
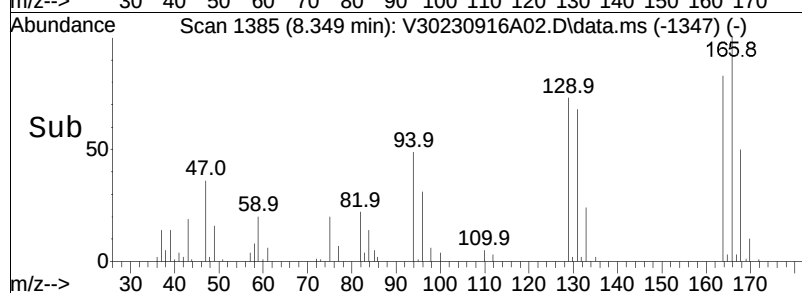
Tgt Ion:166 Resp: 31405

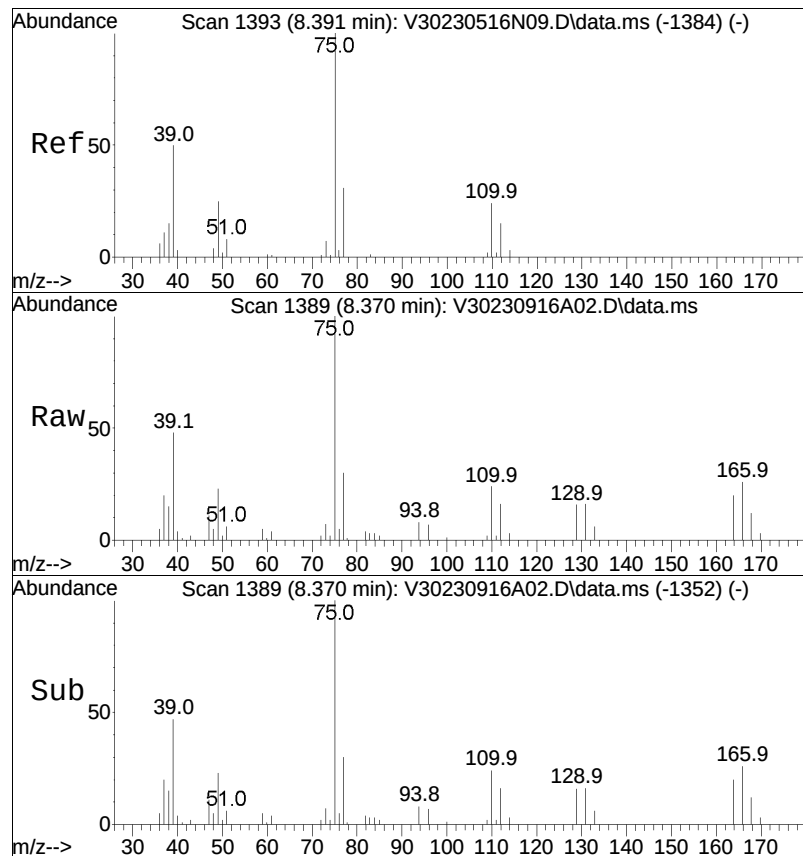
Ion Ratio Lower Upper

166 100

168 48.7 38.6 58.0

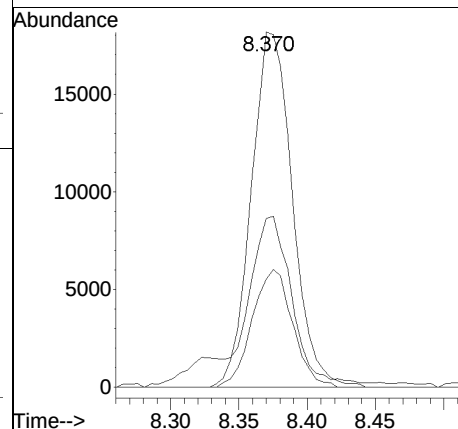
94 47.8 42.6 63.8

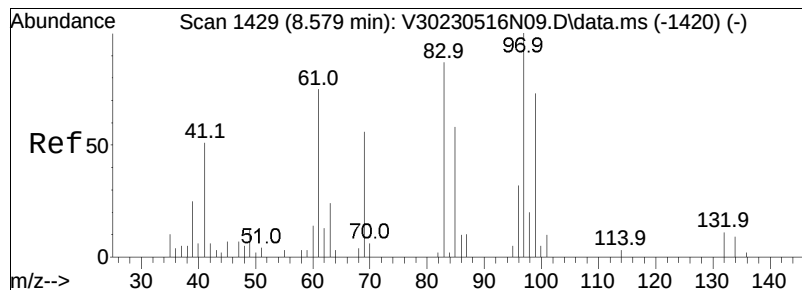




#69
 trans-1,3-Dichloropropene
 Concen: 9.88 ug/L
 RT: 8.370 min Scan# 1389
 Delta R.T. -0.005 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.6	38.4
39	48.5	60.2	90.4





#72

1,1,2-Trichloroethane

Concen: 9.89 ug/L

RT: 8.559 min Scan# 1425

Delta R.T. -0.005 min

Lab File: V30230916A02.D

Acq: 16 Sep 2023 01:20 pm

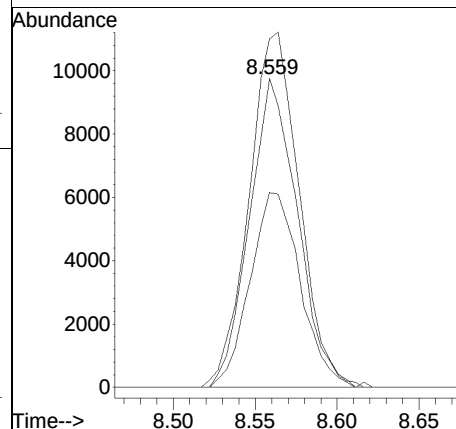
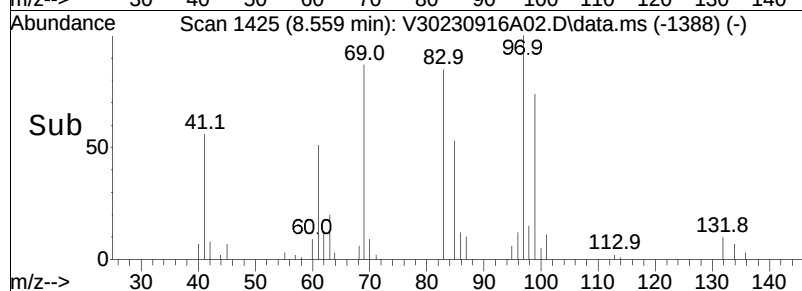
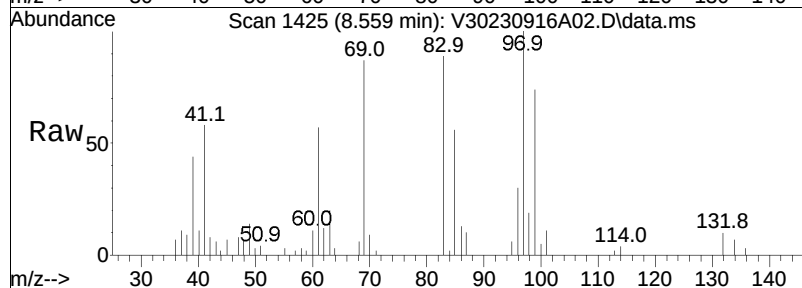
Tgt Ion: 83 Resp: 19870

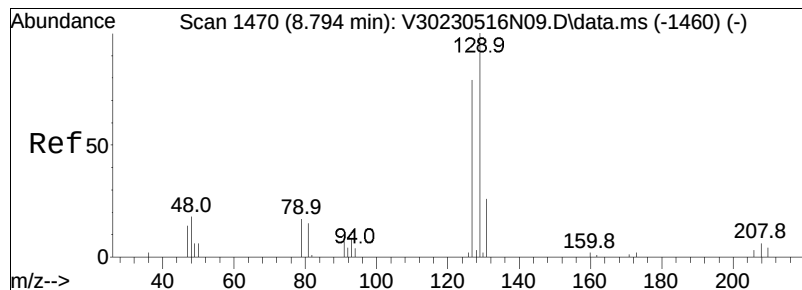
Ion Ratio Lower Upper

83 100

97 120.1 87.7 131.5

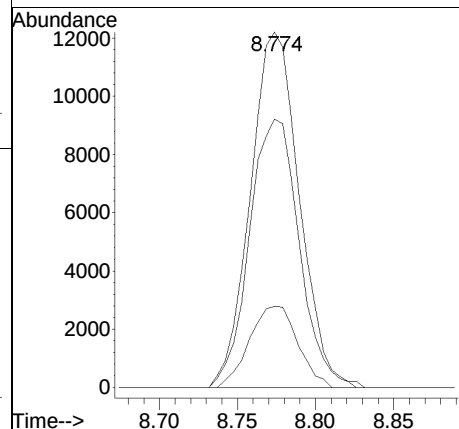
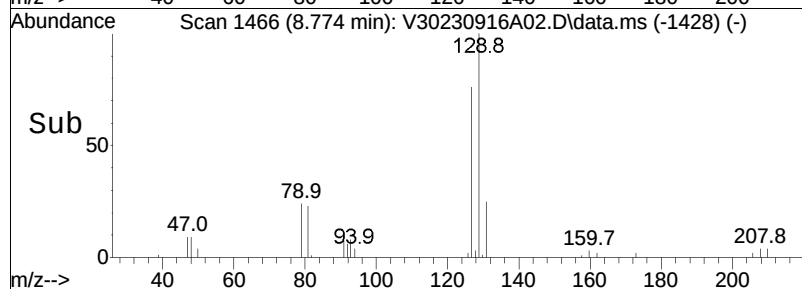
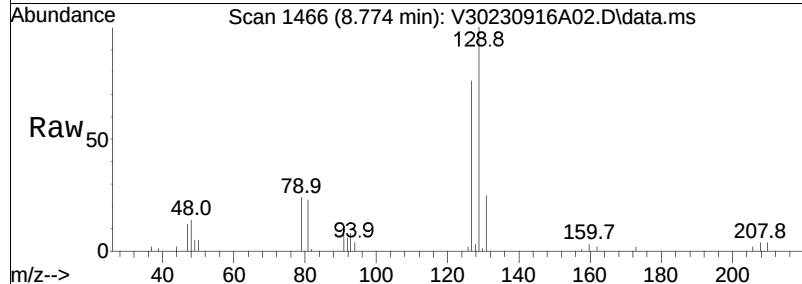
85 65.9 53.1 79.7

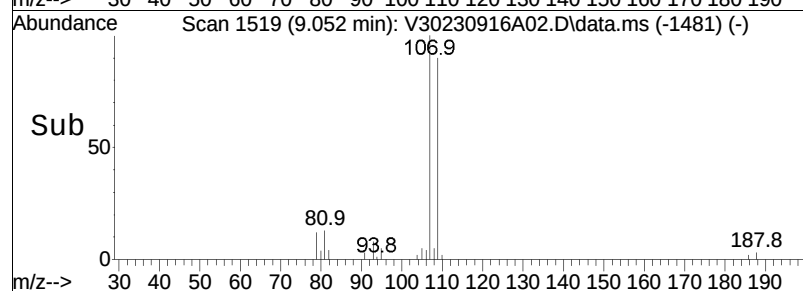
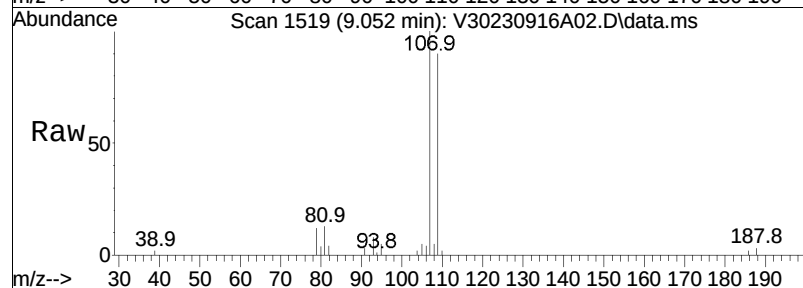
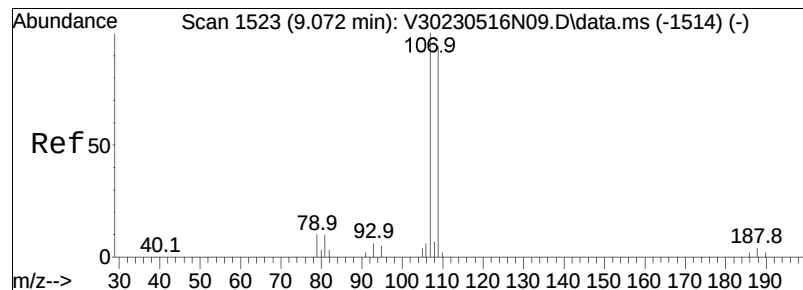




#73
 Chlorodibromomethane
 Concen: 9.27 ug/L
 RT: 8.774 min Scan# 1466
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

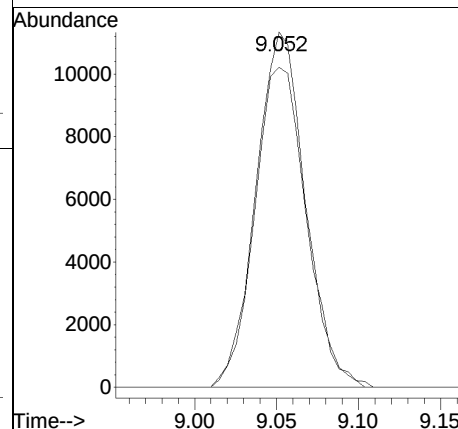
Tgt Ion	Ratio	Lower	Upper
129	100		
81	22.5	14.6	22.0#
127	76.5	62.6	93.8

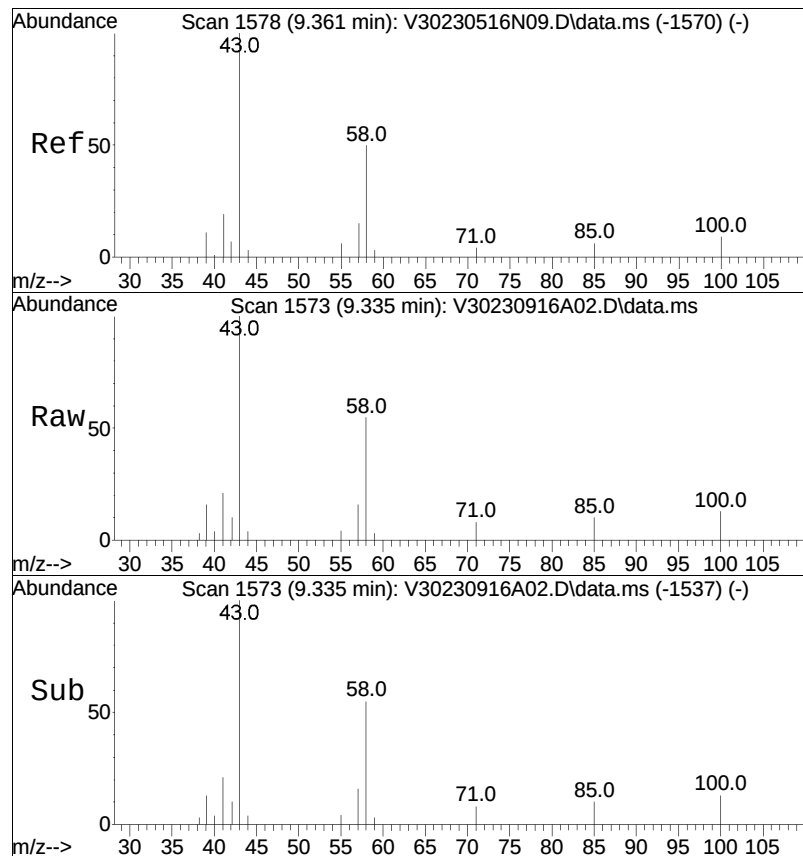




#75
 1,2-Dibromoethane
 Concen: 9.82 ug/L
 RT: 9.052 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

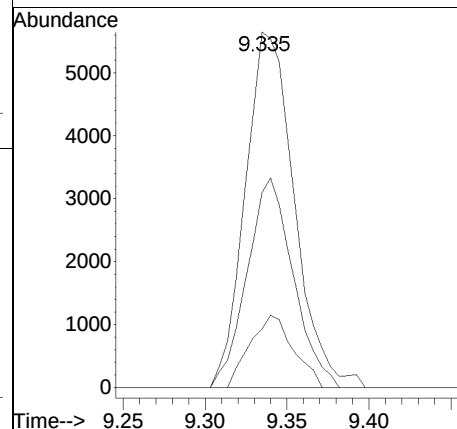
Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.0	112.4

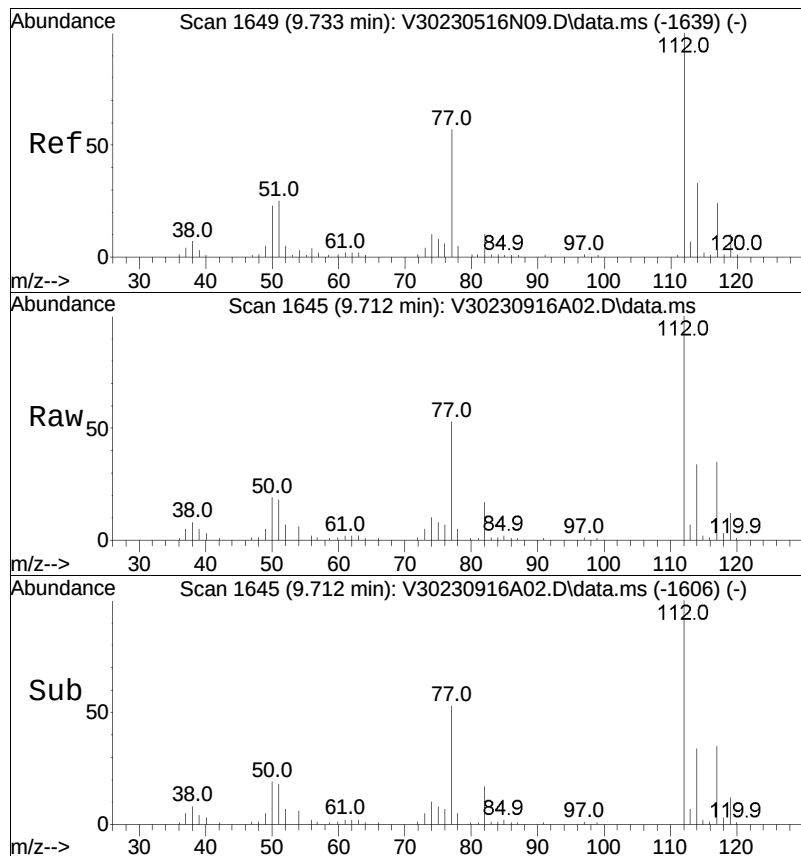




#77
 2-Hexanone
 Concen: 9.70 ug/L
 RT: 9.335 min Scan# 1573
 Delta R.T. -0.010 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

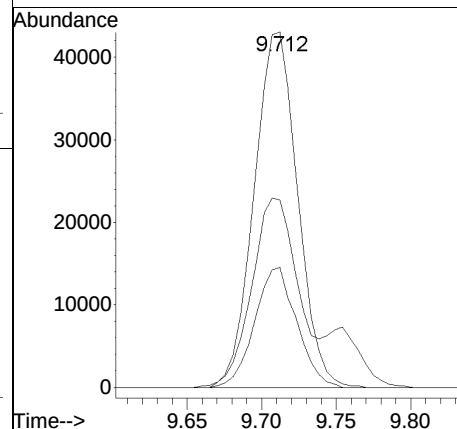
Tgt Ion:	43	Resp:	11743
Ion Ratio	Lower	Upper	
43	100		
58	55.5	38.6	58.0
57	18.0	14.1	21.1

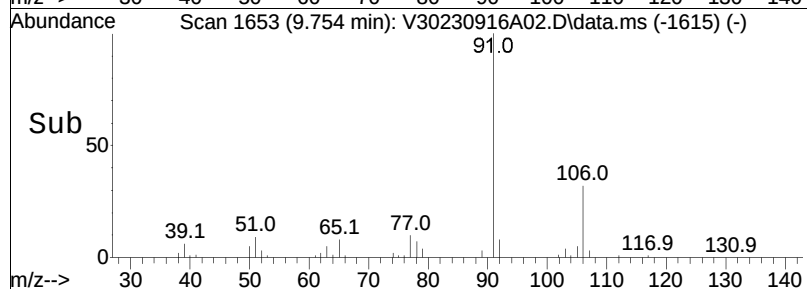
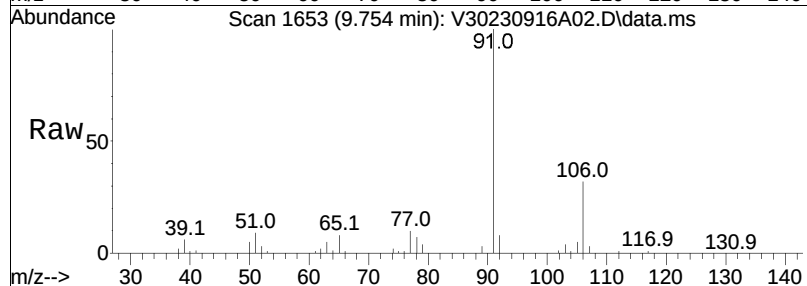
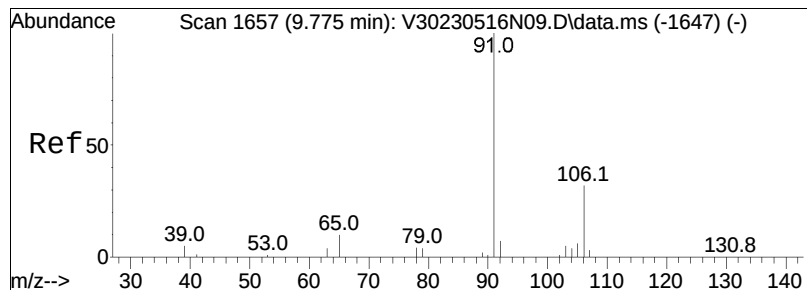




#78
 Chlorobenzene
 Concen: 9.59 ug/L
 RT: 9.712 min Scan# 1645
 Delta R.T. 0.005 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

Tgt	Ion:112	Resp:	87222
Ion	Ratio	Lower	Upper
112	100		
77	57.0	54.8	82.2
114	32.7	25.4	38.0





#79

Ethylbenzene

Concen: 9.85 ug/L

RT: 9.754 min Scan# 1653

Delta R.T. 0.000 min

Lab File: V30230916A02.D

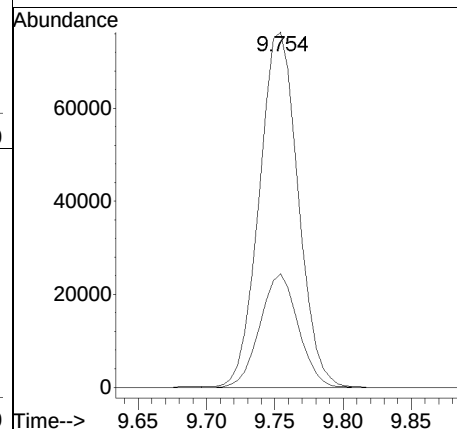
Acq: 16 Sep 2023 01:20 pm

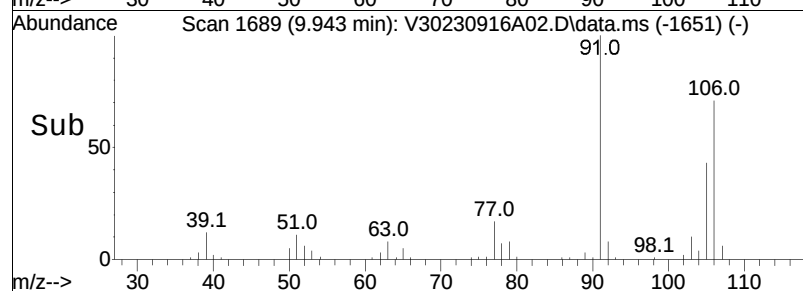
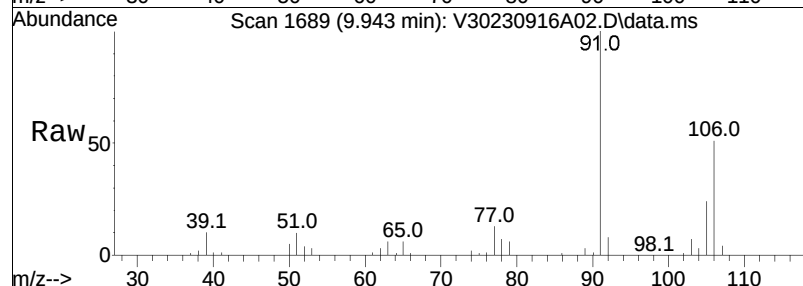
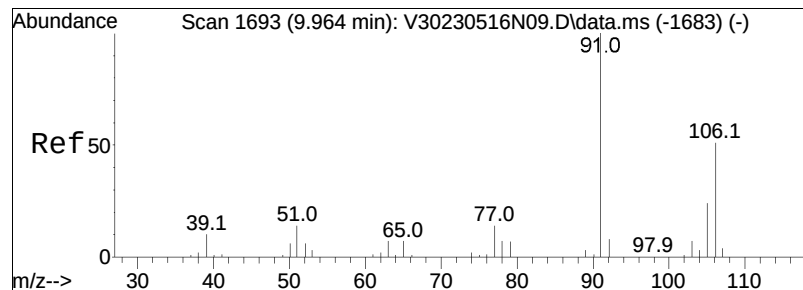
Tgt Ion: 91 Resp: 151196

Ion Ratio Lower Upper

91 100

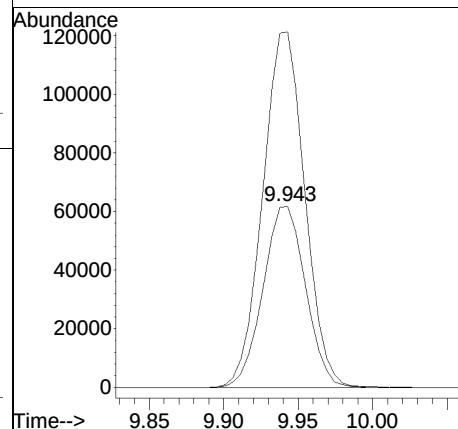
106 31.4 23.4 35.2

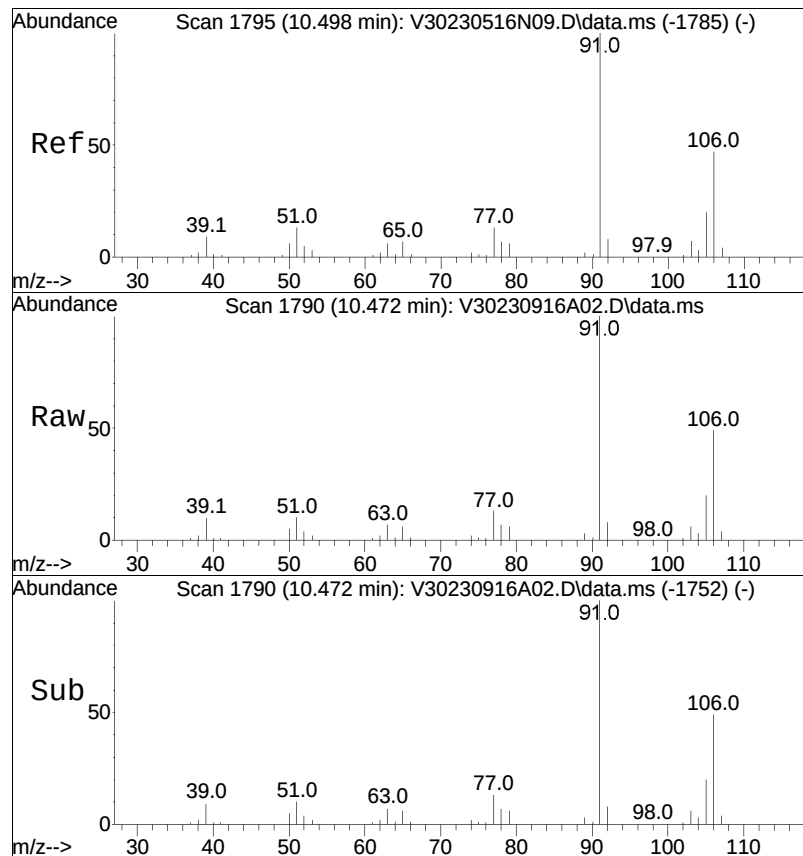




#81
 p/m Xylene
 Concen: 19.12 ug/L
 RT: 9.943 min Scan# 1689
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

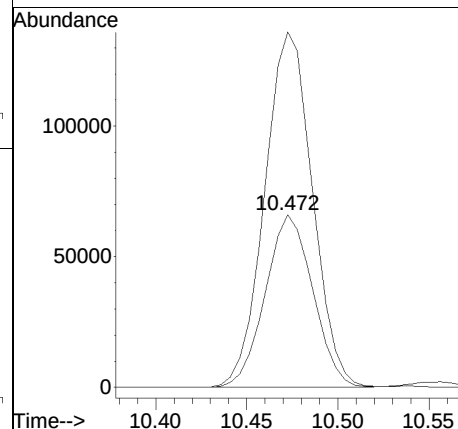
Tgt Ion	Ratio	Lower	Upper
106	100		
91	193.8	171.4	257.2

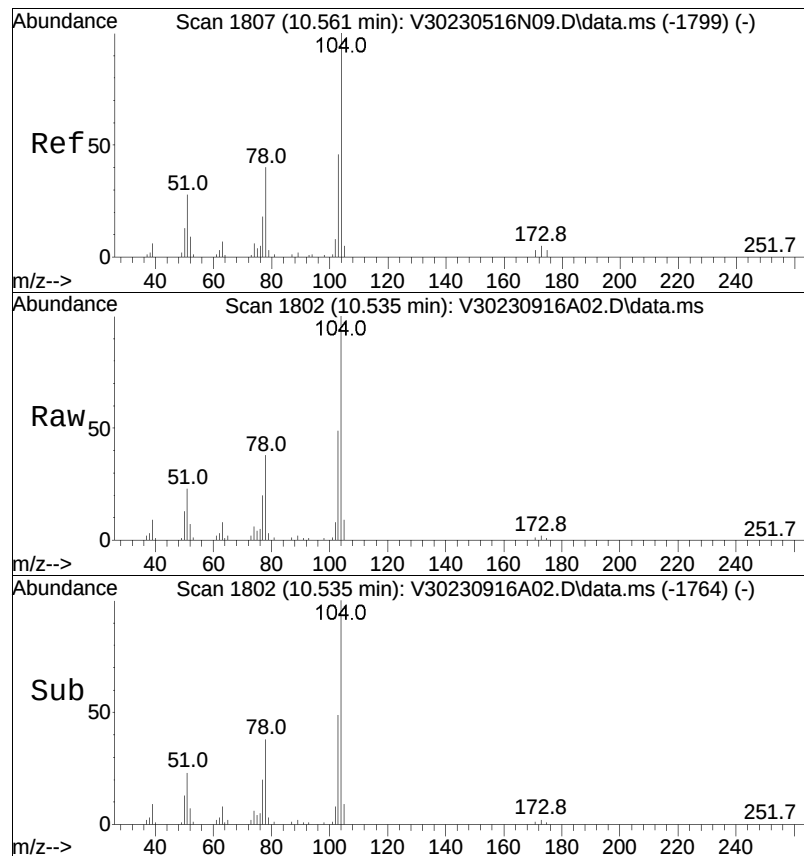




#82
 o Xylene
 Concen: 18.27 ug/L
 RT: 10.472 min Scan# 1790
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

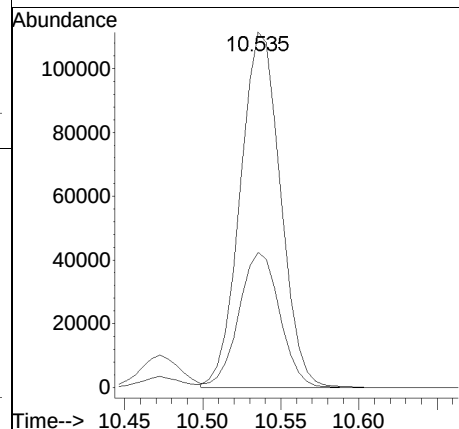
Tgt	Ion	Ratio	Lower	Upper
106	106	100		
91	206.9	179.2	268.8	

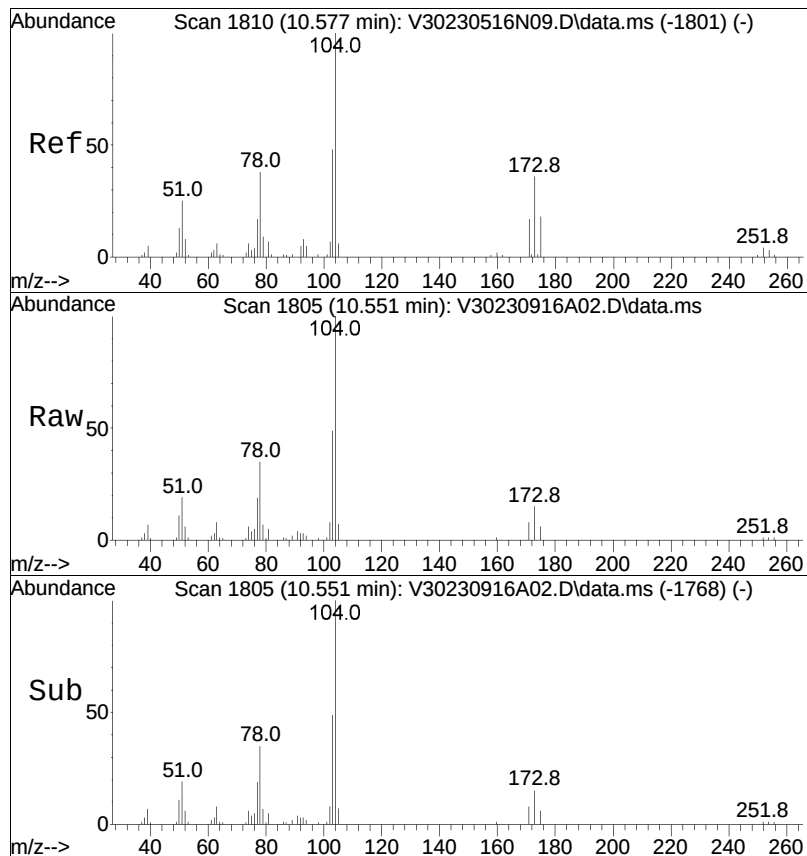




#83
 Styrene
 Concen: 18.39 ug/L
 RT: 10.535 min Scan# 1802
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

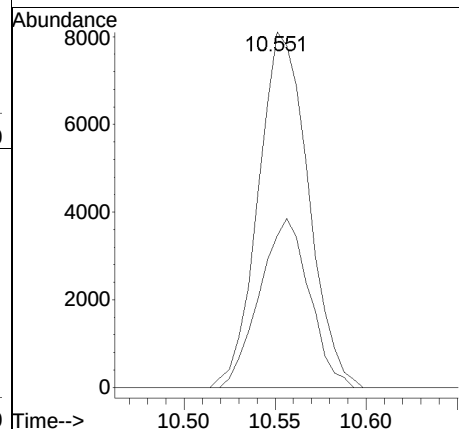
Tgt Ion	Ratio	Lower	Upper
104	100		
78	38.4	38.1	57.1

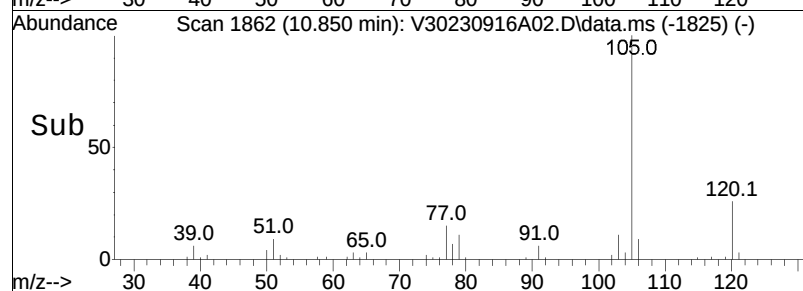
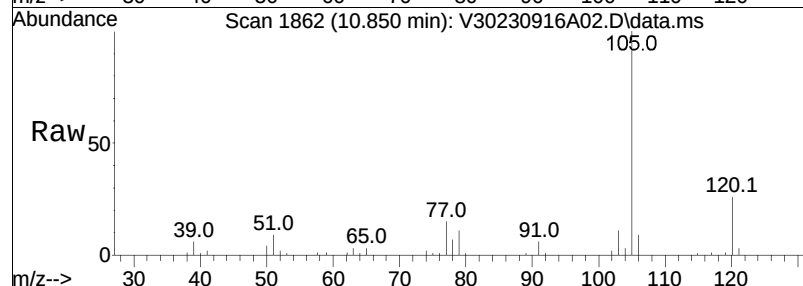
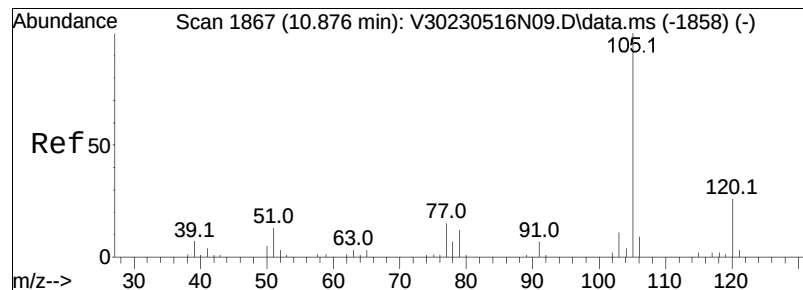




#85
 Bromoform
 Concen: 8.44 ug/L
 RT: 10.551 min Scan# 1805
 Delta R.T. -0.005 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

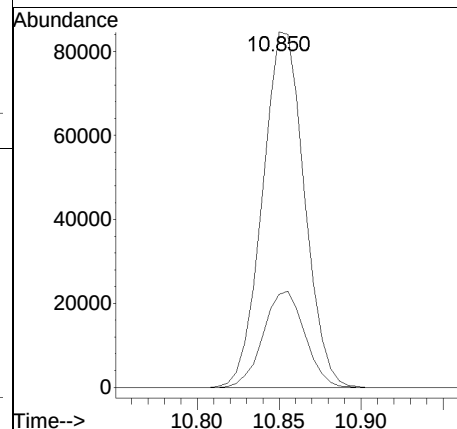
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.4	37.8	56.6

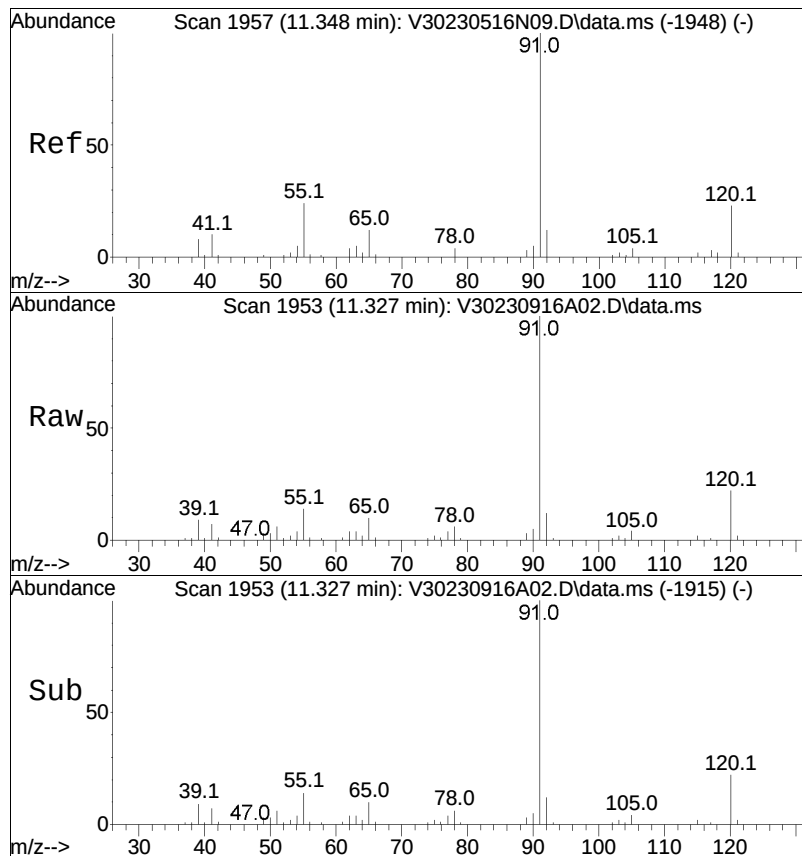




#87
Isopropylbenzene
Concen: 9.86 ug/L
RT: 10.850 min Scan# 1862
Delta R.T. -0.005 min
Lab File: V30230916A02.D
Acq: 16 Sep 2023 01:20 pm

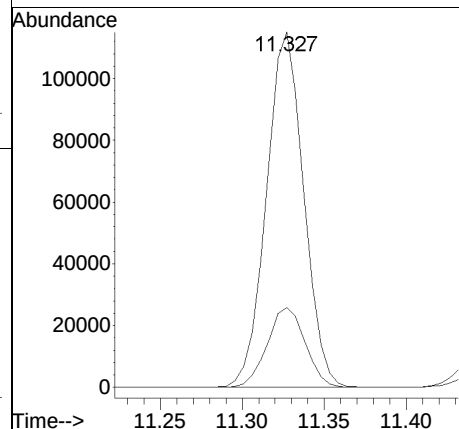
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	20.0	30.0

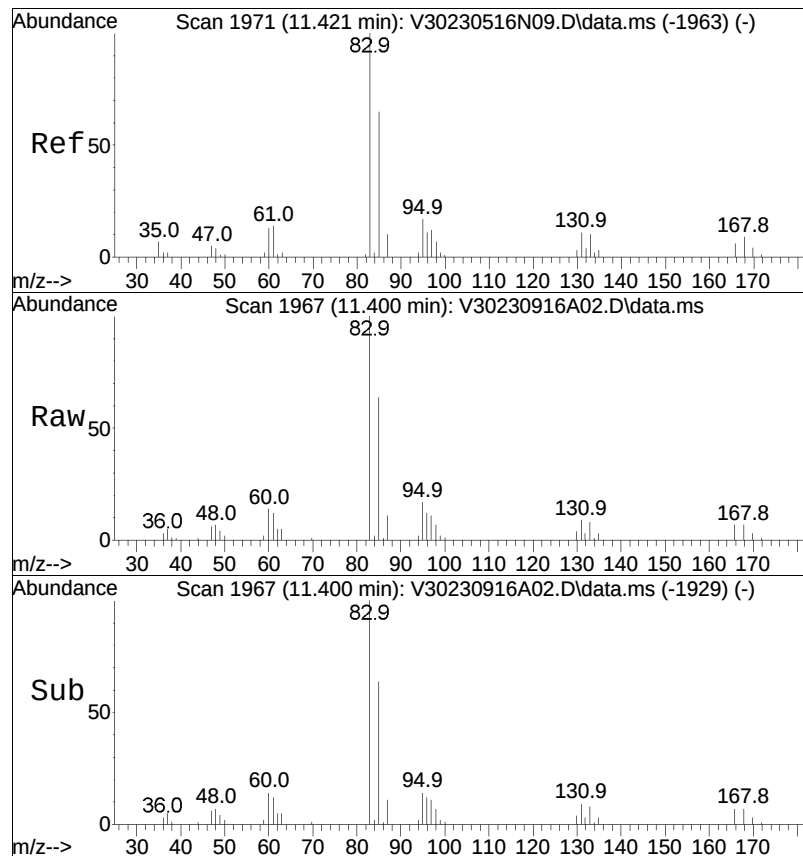




#90
 n-Propylbenzene
 Concen: 10.06 ug/L
 RT: 11.327 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

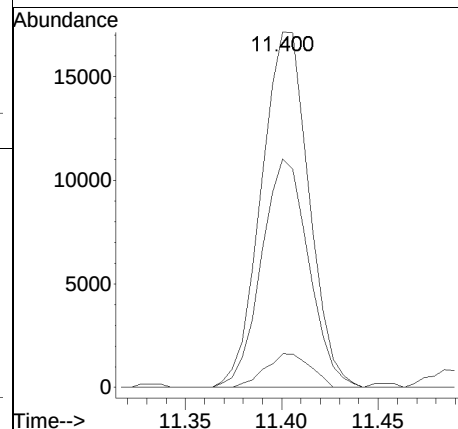
Tgt	Ion	Ratio	Lower	Upper
91	100			
120	22.9	16.3	24.5	

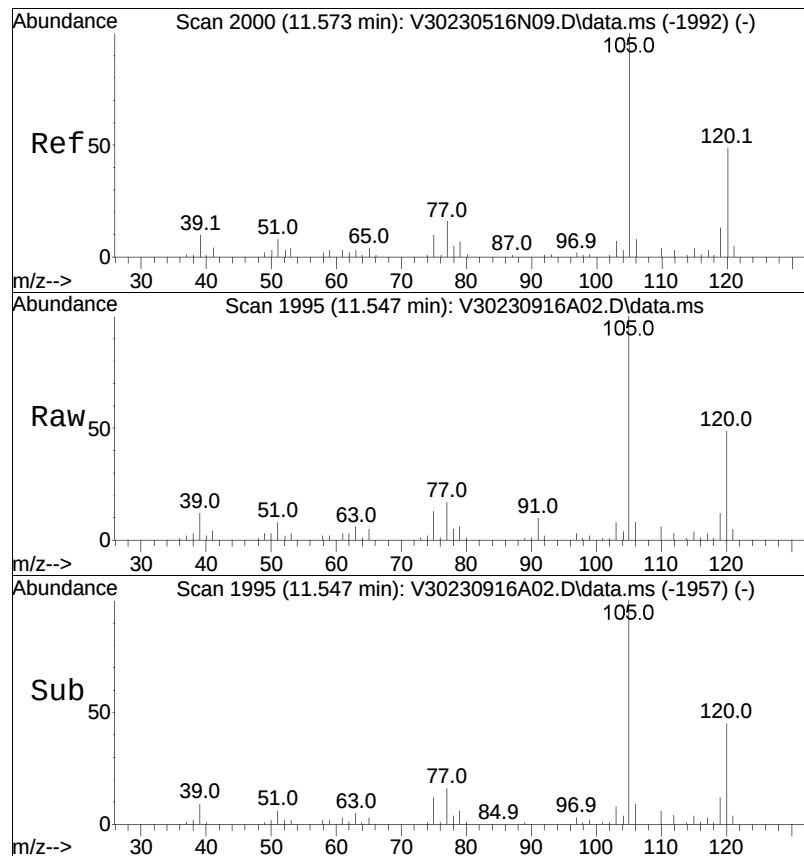




#92
 1,1,2,2-Tetrachloroethane
 Concen: 11.17 ug/L
 RT: 11.400 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

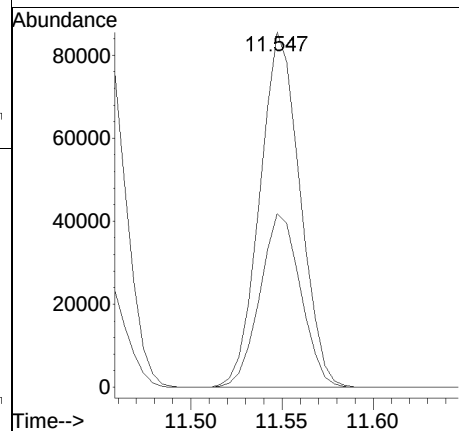
Tgt Ion:	83	Resp:	29533
Ion Ratio	Lower	Upper	
83	100		
131	9.0	6.6	10.0
85	63.7	51.8	77.6

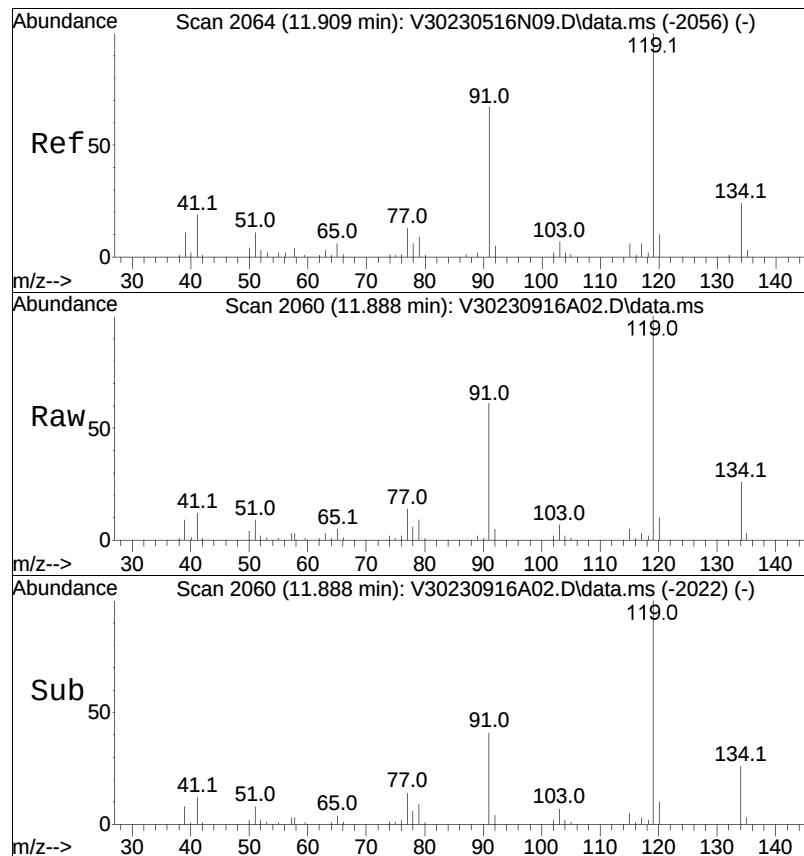




#95
 1,3,5-Trimethylbenzene
 Concen: 9.64 ug/L
 RT: 11.547 min Scan# 1995
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

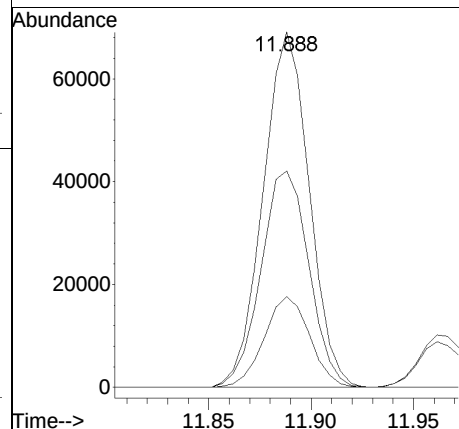
Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.5	37.8	56.6

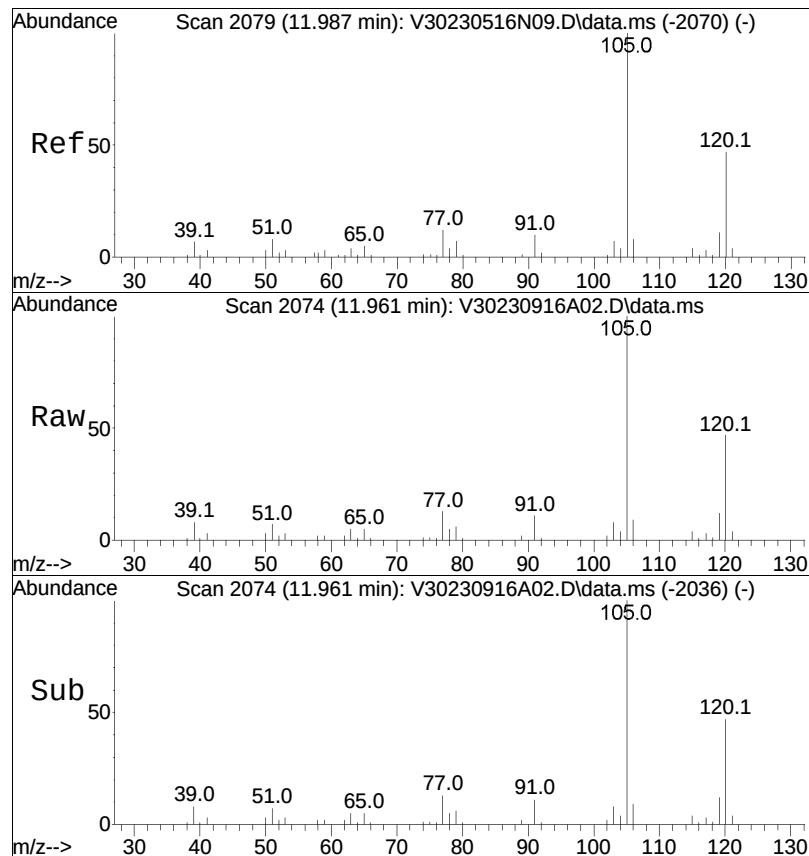




#99
 tert-Butylbenzene
 Concen: 9.72 ug/L
 RT: 11.888 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

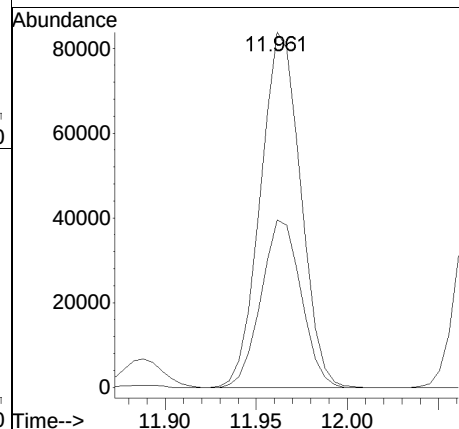
Tgt	Ion:119	Resp:	108084
Ion	Ratio	Lower	Upper
119	100		
91	63.4	58.8	88.2
134	25.3	18.6	27.8

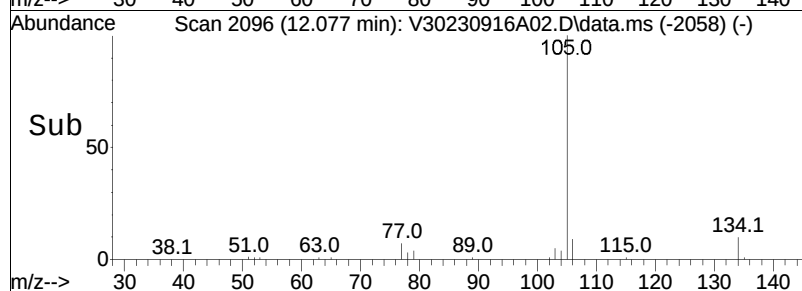
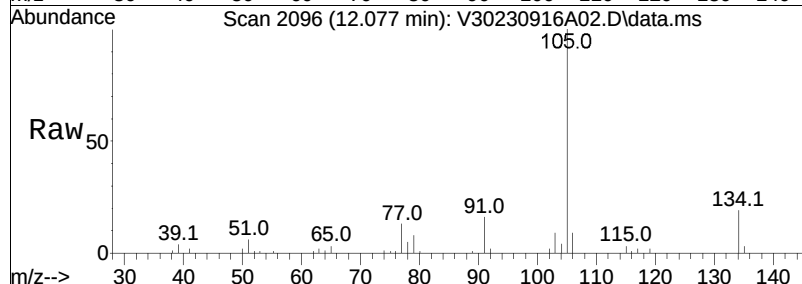
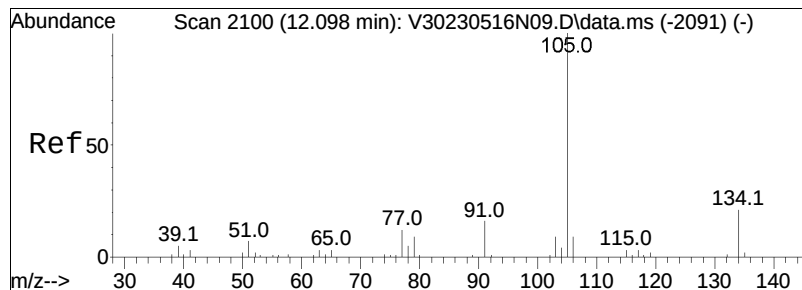




#102
 1,2,4-Trimethylbenzene
 Concen: 9.47 ug/L
 RT: 11.961 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

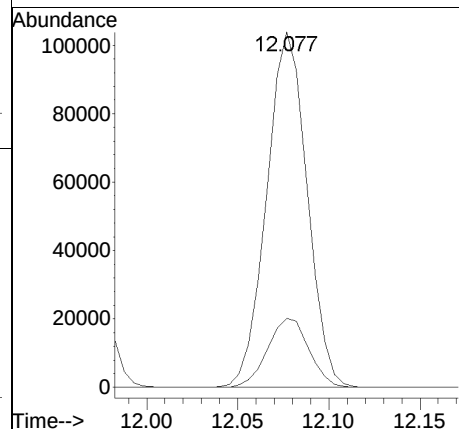
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	35.2	52.8

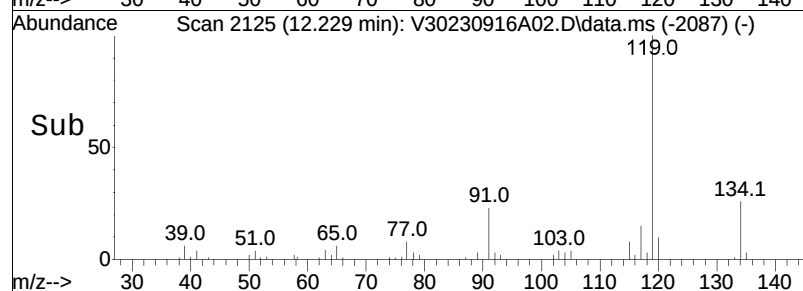
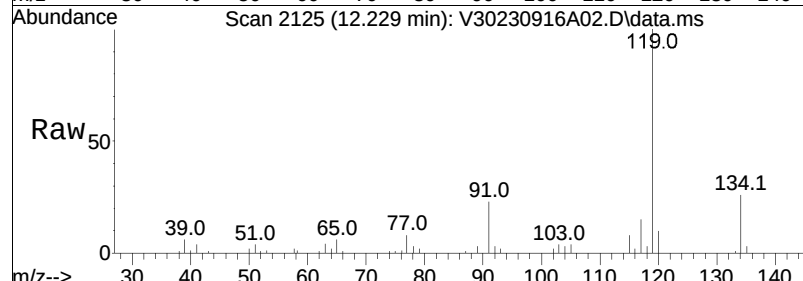
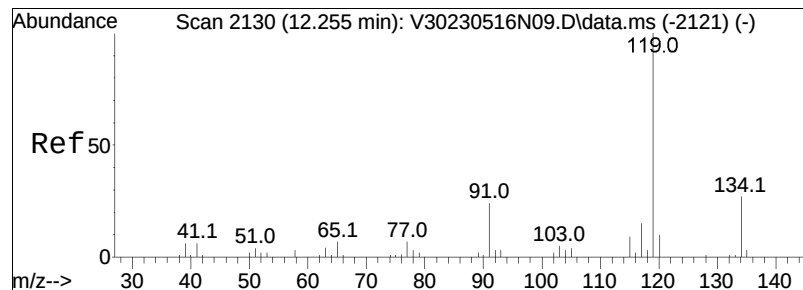




#103
 sec-Butylbenzene
 Concen: 9.76 ug/L
 RT: 12.077 min Scan# 2096
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

Tgt	Ion	Ratio	Lower	Upper
105	100			
134	19.9	11.4	23.6	





#104

p-Isopropyltoluene

Concen: 9.58 ug/L

RT: 12.229 min Scan# 2125

Delta R.T. 0.000 min

Lab File: V30230916A02.D

Acq: 16 Sep 2023 01:20 pm

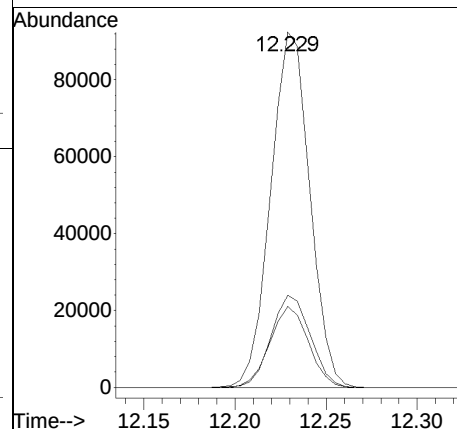
Tgt Ion:119 Resp: 137930

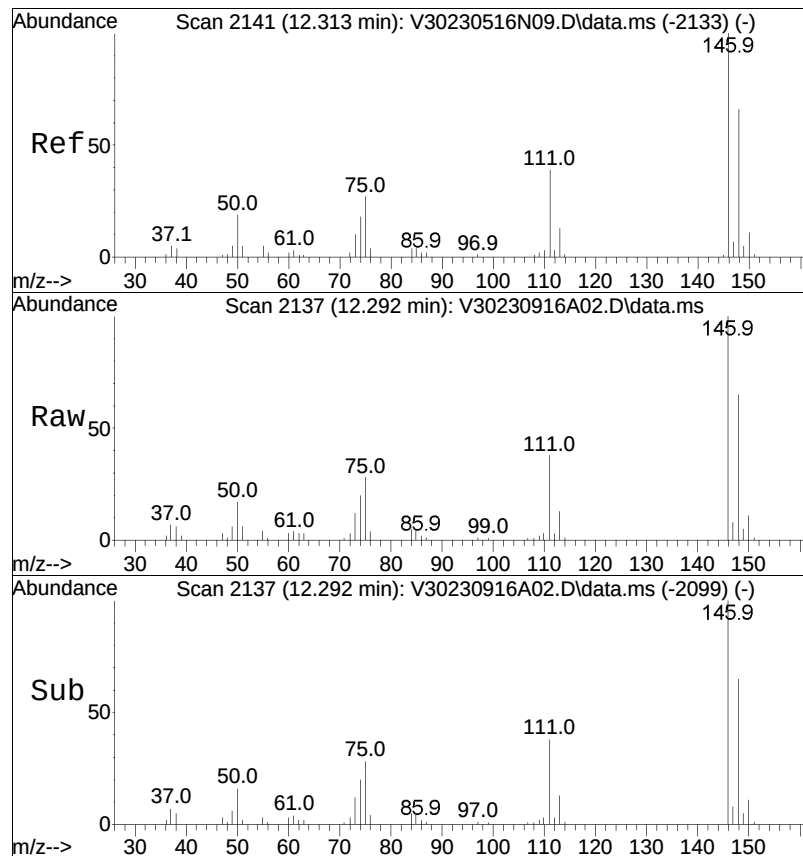
Ion Ratio Lower Upper

119 100

134 26.0 15.9 33.1

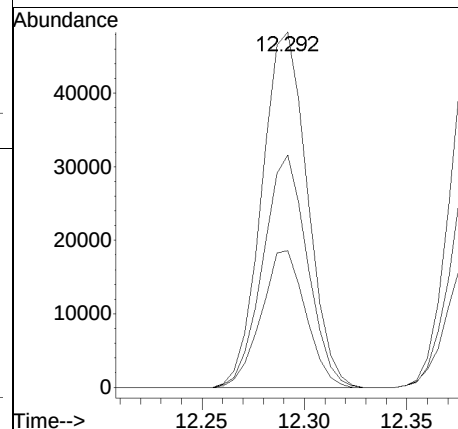
91 22.5 16.6 34.4

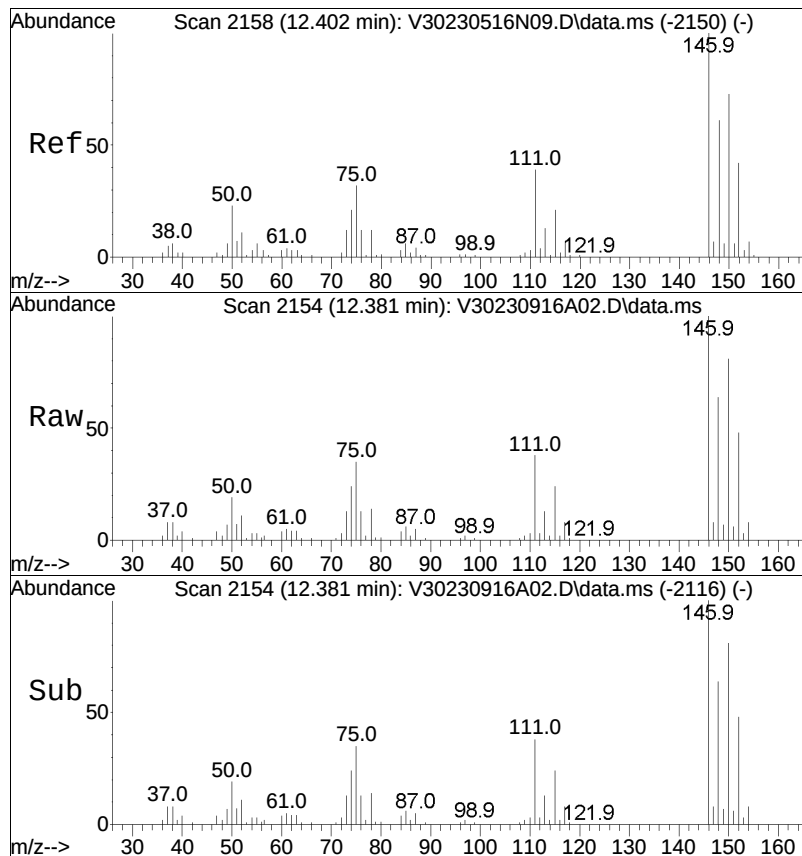




#105
 1,3-Dichlorobenzene
 Concen: 9.49 ug/L
 RT: 12.292 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

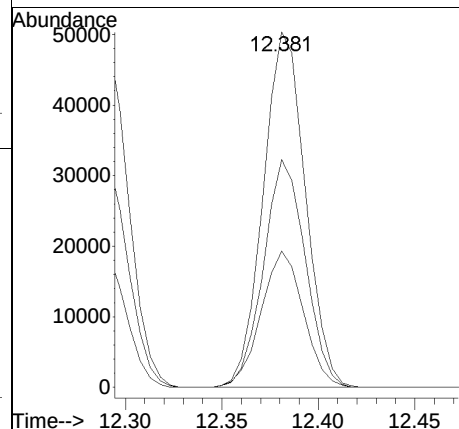
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	28.0	58.1
148	63.5	40.8	84.6

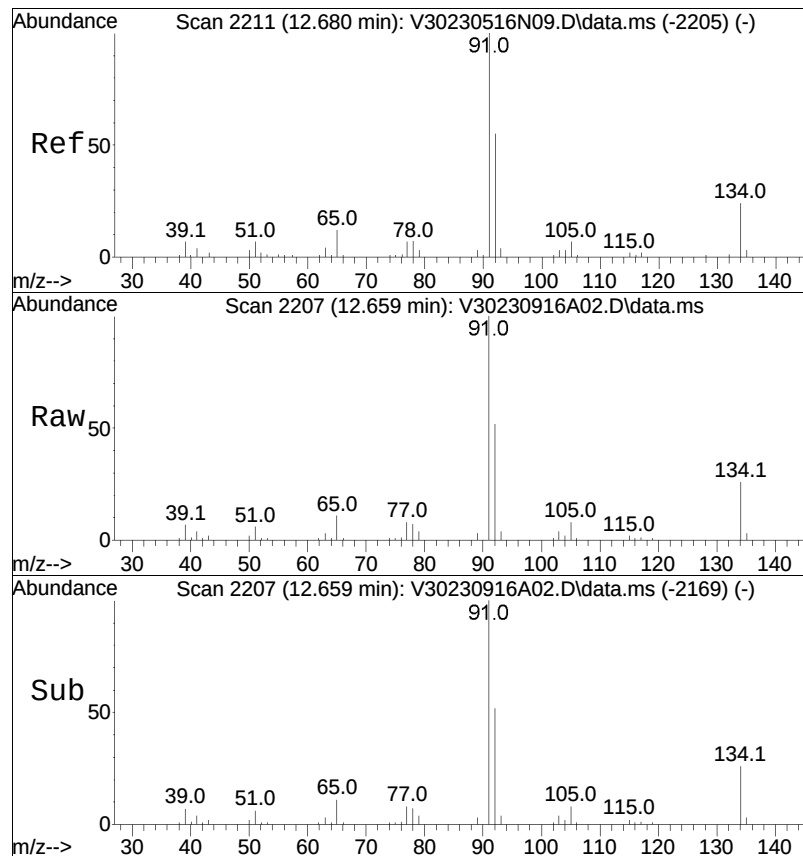




#106
 1,4-Dichlorobenzene
 Concen: 9.55 ug/L
 RT: 12.381 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

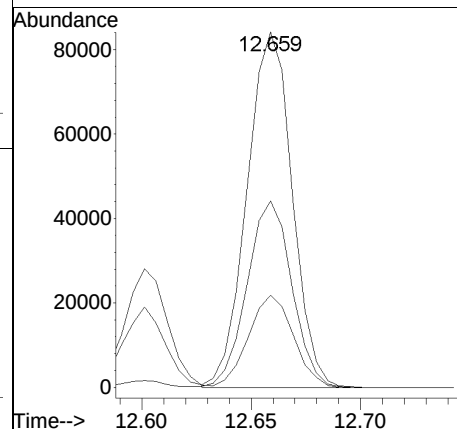
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	33.7	50.5
148	63.5	50.8	76.2

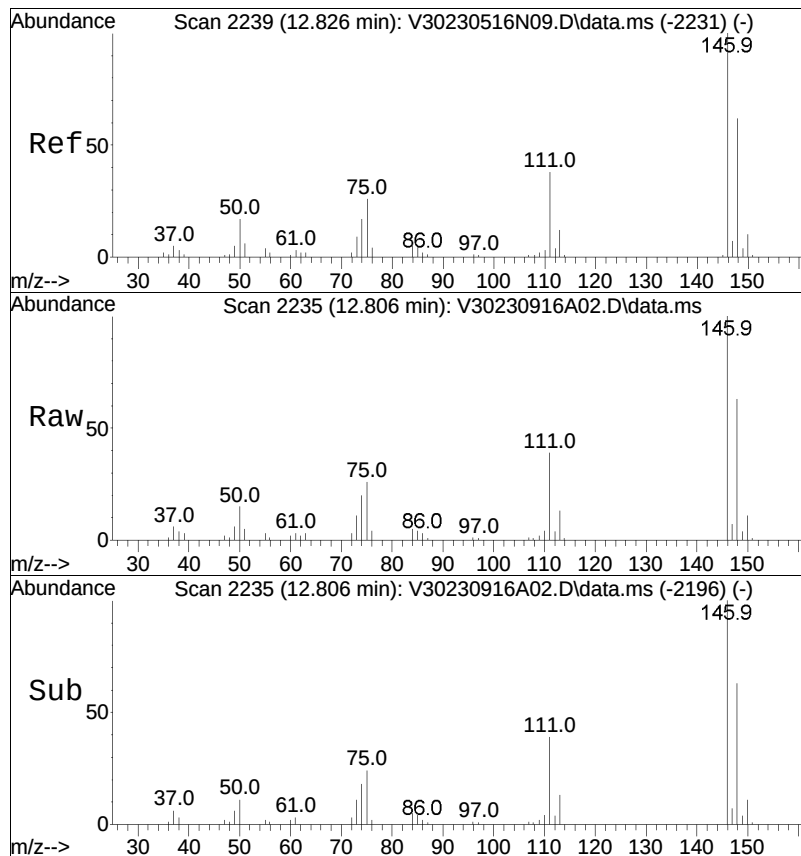




#108
 n-Butylbenzene
 Concen: 9.86 ug/L
 RT: 12.659 min Scan# 2207
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

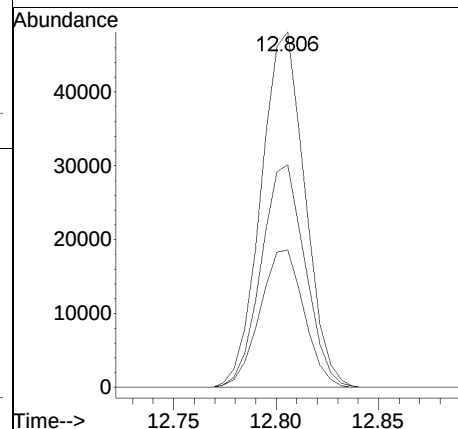
Tgt Ion:	91	Resp:	120893
Ion Ratio	Lower	Upper	
91	100		
92	52.0	44.2	66.4
134	25.7	17.8	26.6

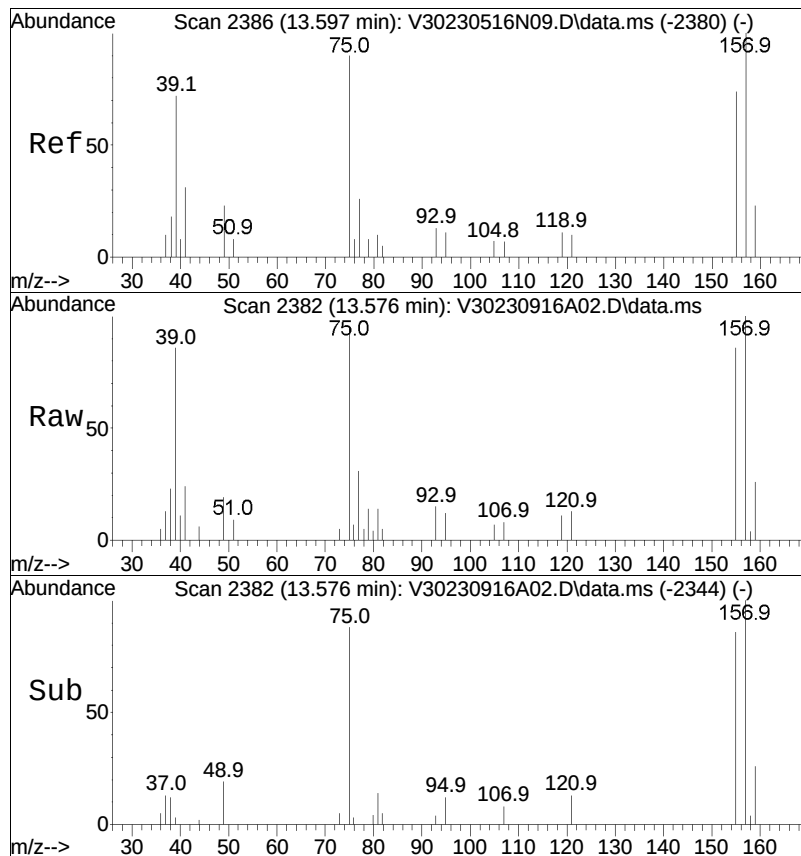




#109
 1,2-Dichlorobenzene
 Concen: 9.55 ug/L
 RT: 12.806 min Scan# 2235
 Delta R.T. 0.005 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

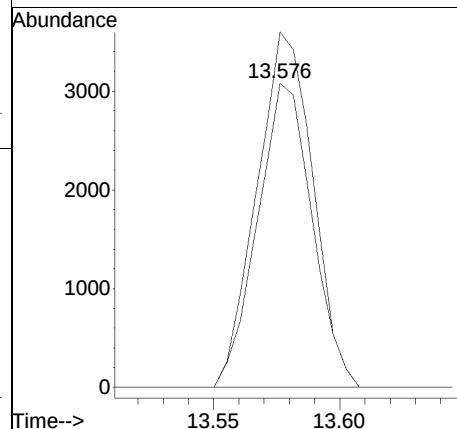
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	29.5	61.3
148	62.8	41.3	85.9

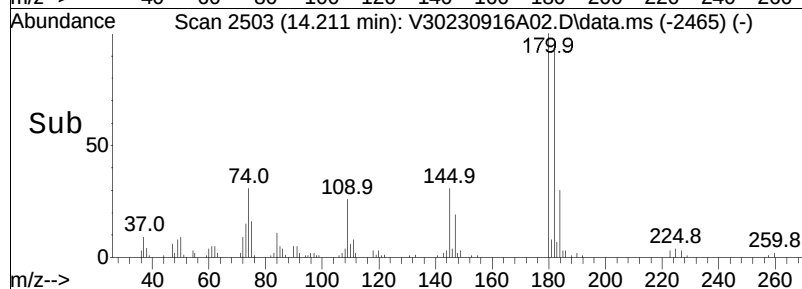
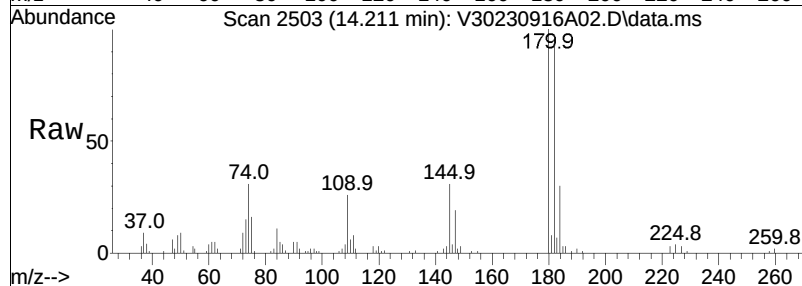
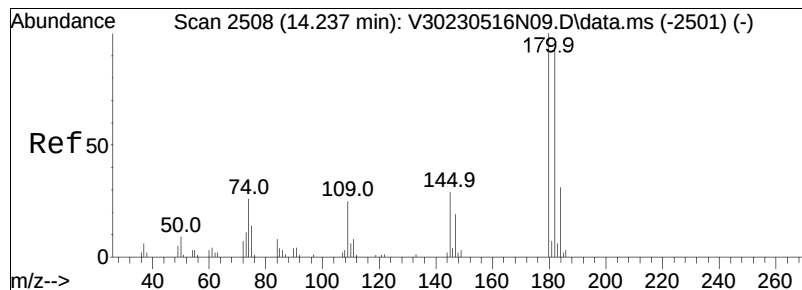




#111
 1,2-Dibromo-3-chloropropane
 Concen: 10.20 ug/L
 RT: 13.576 min Scan# 2382
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

Tgt Ion:155 Resp: 4639
 Ion Ratio Lower Upper
 155 100
 157 119.8 105.1 157.7





#114

1,2,4-Trichlorobenzene

Concen: 9.50 ug/L

RT: 14.211 min Scan# 2503

Delta R.T. 0.000 min

Lab File: V30230916A02.D

Acq: 16 Sep 2023 01:20 pm

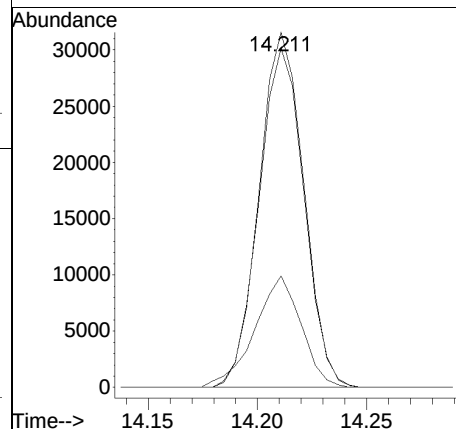
Tgt Ion:180 Resp: 44830

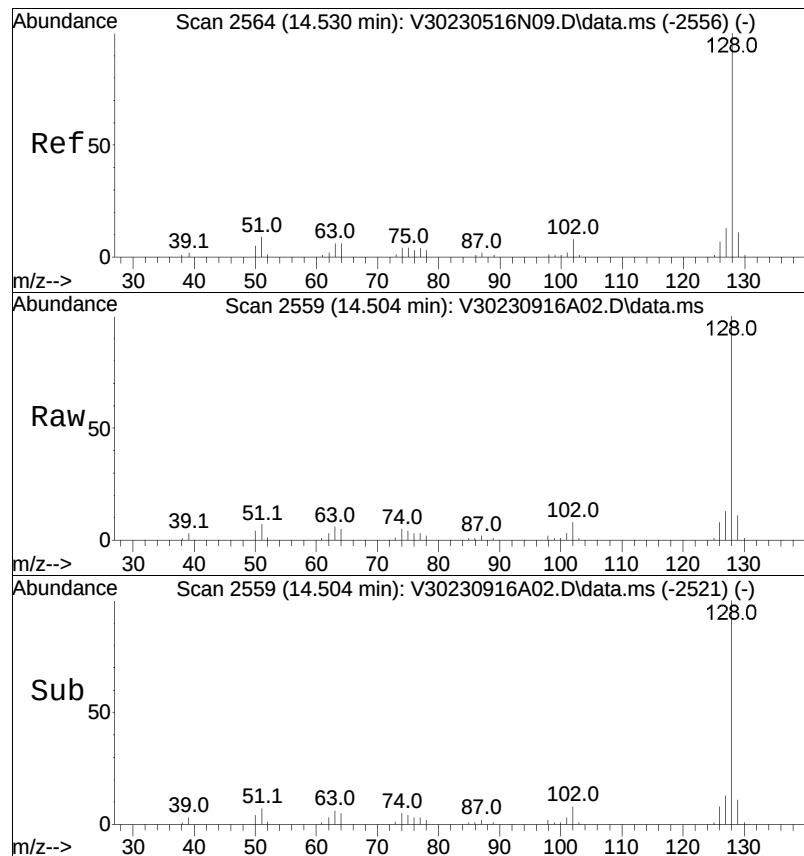
Ion Ratio Lower Upper

180 100

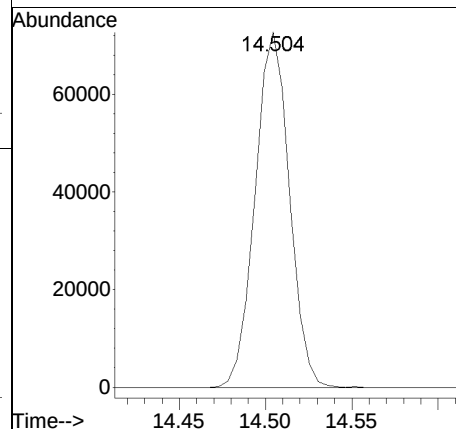
182 96.4 75.7 113.5

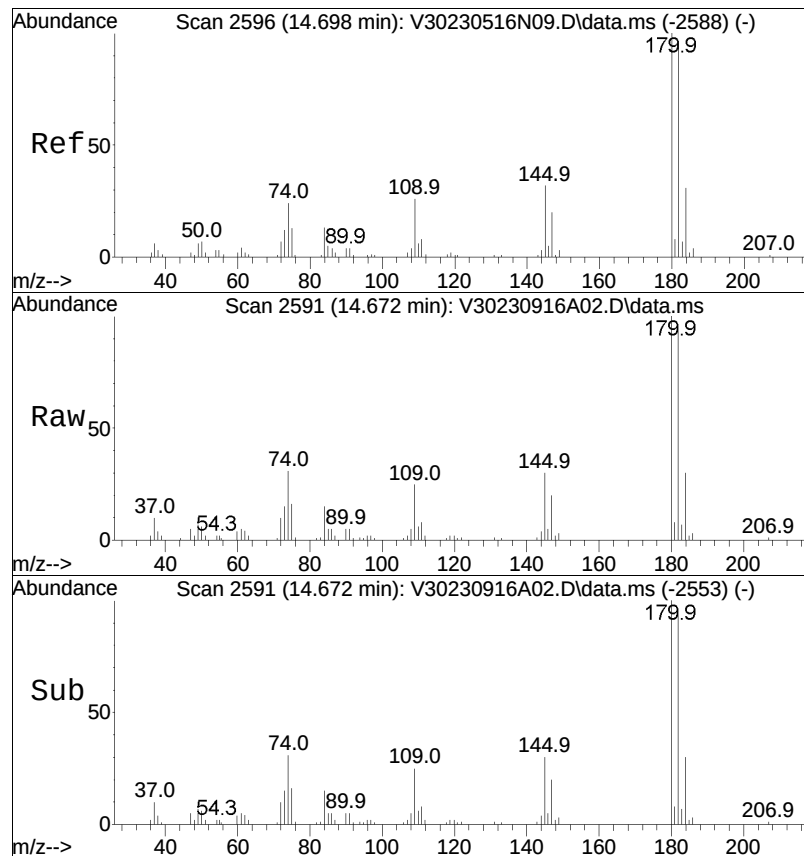
145 32.6 27.4 41.2





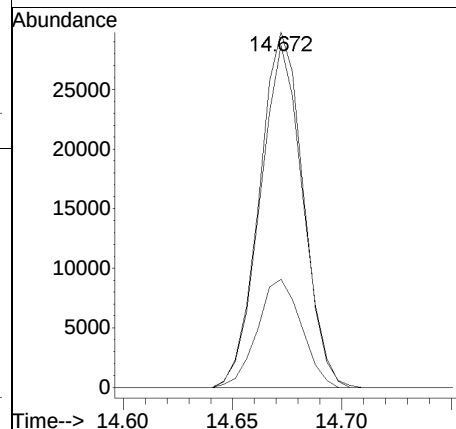
#115
 Naphthalene
 Concen: 9.71 ug/L
 RT: 14.504 min Scan# 2559
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm
 Tgt Ion:128 Resp: 100355





#116
 1,2,3-Trichlorobenzene
 Concen: 9.53 ug/L
 RT: 14.672 min Scan# 2591
 Delta R.T. 0.000 min
 Lab File: V30230916A02.D
 Acq: 16 Sep 2023 01:20 pm

Tgt	Ion:180	Resp:	41526
Ion	Ratio	Lower	Upper
180	100		
182	94.4	74.9	112.3
145	30.5	26.0	39.0



Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A26.D
 Acq On : 16 Sep 2023 10:06 pm
 Operator : VOA130:MKS
 Sample : WG1828105-6,31,0.5,10,,C,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 18 10:06:20 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	150518	10.000	ug/L	# 0.00
Standard Area 1 = 187984			Recovery	=	80.07%	
63) Chlorobenzene-d5	9.691	117	138483	10.000	ug/L	# 0.00
Standard Area 1 = 163848			Recovery	=	84.52%	
84) 1,4-Dichlorobenzene-d4	12.365	152	82543	10.000	ug/L	0.00
Standard Area 1 = 96294			Recovery	=	85.72%	
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	47343	10.026	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.26%	
47) 1,2-Dichloroethane-d4	5.848	65	46897	9.903	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.03%	
64) Toluene-d8	7.840	98	176932	10.282	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.82%	
88) 4-Bromofluorobenzene	11.164	95	61865	10.029	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.29%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	45808	11.954	ug/L	96
3) Chloromethane	1.879	50	30988	10.451	ug/L	96
4) Vinyl chloride	1.957	62	214453	58.208	ug/L	99
5) Bromomethane	2.277	94	35806	8.206	ug/L	97
6) Chloroethane	2.392	64	38143	13.254	ug/L	97
7) Trichlorofluoromethane	2.544	101	101445	14.210	ug/L	98
10) 1,1-Dichloroethene	3.042	96	29816	11.980	ug/L	# 67
11) Carbon disulfide	3.069	76	74088	10.759	ug/L	100
12) Freon-113	3.084	101	32541	12.273	ug/L	87
15) Methylene chloride	3.603	84	31620	11.099	ug/L	72
17) Acetone	3.640	43	4716	10.199	ug/L	94
18) trans-1,2-Dichloroethene	3.761	96	30895	11.134	ug/L	72
19) Methyl acetate	3.761	43	10184	9.440	ug/L	# 78
21) Methyl tert-butyl ether	3.860	73	61131	10.190	ug/L	87
25) 1,1-Dichloroethane	4.348	63	63613	13.216	ug/L	# 96
30) cis-1,2-Dichloroethene	4.872	96	353588	111.760	ug/L	# 72
33) Bromochloromethane	5.066	128	16658	10.965	ug/L	# 48
34) Cyclohexane	5.082	56	45942	11.397	ug/L	# 61
35) Chloroform	5.140	83	56518	11.023	ug/L	95
37) Carbon tetrachloride	5.281	117	40818	10.599	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A26.D
 Acq On : 16 Sep 2023 10:06 pm
 Operator : VOA130:MKS
 Sample : WG1828105-6,31,0.5,10,,C,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 18 10:06:20 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
40)	1,1,1-Trichloroethane	5.344	97	51185	11.389	ug/L		92
42)	2-Butanone	5.428	43	5940M3	9.320	ug/L		
45)	Benzene	5.716	78	114107	11.139	ug/L		93
48)	1,2-Dichloroethane	5.916	62	34819	10.126	ug/L	#	97
51)	Methylcyclohexane	6.314	83	50661	11.272	ug/L	#	71
52)	Trichloroethene	6.314	95	31197	10.218	ug/L		90
55)	1,2-Dichloropropane	6.859	63	26817	10.772	ug/L		94
58)	Bromodichloromethane	6.928	83	38396	10.145	ug/L	#	97
61)	1,4-Dioxane	7.137	88	9046	496.536	ug/L	#	78
62)	cis-1,3-Dichloropropene	7.625	75	39166	9.625	ug/L	#	85
65)	Toluene	7.898	92	76592	10.946	ug/L		97
66)	4-Methyl-2-pentanone	8.328	58	5810	10.166	ug/L	#	73
67)	Tetrachloroethene	8.348	166	32320	10.825	ug/L		95
69)	trans-1,3-Dichloropropene	8.375	75	32699	9.621	ug/L		88
72)	1,1,2-Trichloroethane	8.563	83	18050	10.182	ug/L		92
73)	Chlorodibromomethane	8.773	129	23495	9.269	ug/L	#	97
75)	1,2-Dibromoethane	9.056	107	21280	9.960	ug/L		97
77)	2-Hexanone	9.339	43	9867	9.234	ug/L		93
78)	Chlorobenzene	9.706	112	86900	10.825	ug/L		89
79)	Ethylbenzene	9.754	91	151828	11.209	ug/L		96
81)	p/m Xylene	9.942	106	120205	21.261	ug/L		89
82)	o Xylene	10.472	106	118148	20.406	ug/L		90
83)	Styrene	10.535	104	192993	20.114	ug/L		87
85)	Bromoform	10.556	173	13012	8.002	ug/L		99
87)	Isopropylbenzene	10.855	105	151644	11.193	ug/L		97
90)	n-Propylbenzene	11.327	91	182054	11.349	ug/L		95
92)	1,1,2,2-Tetrachloroethane	11.400	83	26531	11.300	ug/L		97
95)	1,3,5-Trimethylbenzene	11.547	105	128713	10.620	ug/L		95
99)	tert-Butylbenzene	11.888	119	107678	10.912	ug/L		89
102)	1,2,4-Trimethylbenzene	11.966	105	125524	10.412	ug/L		97
103)	sec-Butylbenzene	12.076	105	159611	10.946	ug/L		95
104)	p-Isopropyltoluene	12.228	119	135302	10.584	ug/L		95
105)	1,3-Dichlorobenzene	12.291	146	72055	10.311	ug/L		96
106)	1,4-Dichlorobenzene	12.380	146	72988	10.250	ug/L		97
108)	n-Butylbenzene	12.658	91	118601	10.897	ug/L		95
109)	1,2-Dichlorobenzene	12.805	146	67897	10.175	ug/L		96
111)	1,2-Dibromo-3-chloropr...	13.576	155	3713	9.197	ug/L		95
114)	1,2,4-Trichlorobenzene	14.210	180	41734	9.966	ug/L		99
115)	Naphthalene	14.504	128	90362	9.845	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A26.D
 Acq On : 16 Sep 2023 10:06 pm
 Operator : VOA130:MKS
 Sample : WG1828105-6,31,0.5,10,,C,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 18 10:06:20 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	14.672	180	37492	9.689	ug/L	96

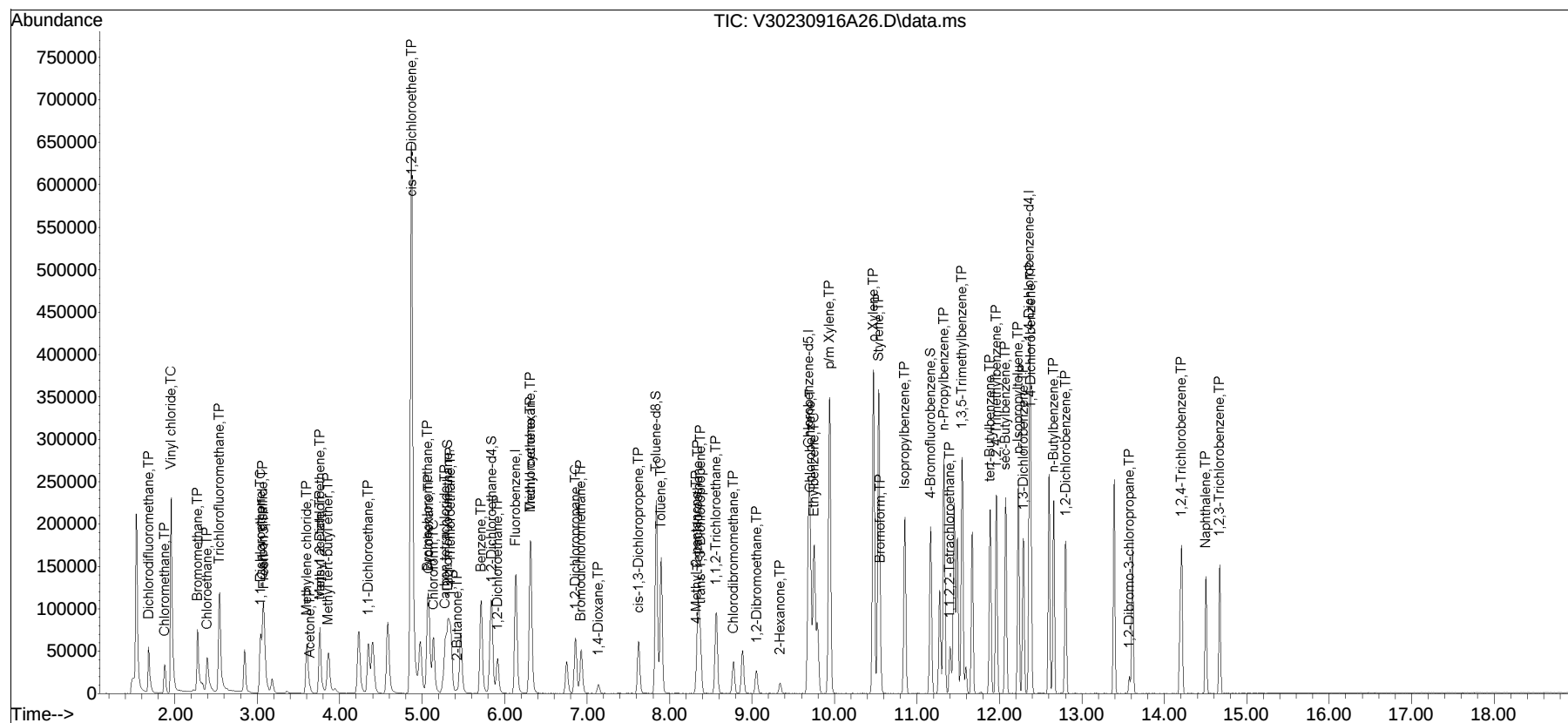
(#) = qualifier out of range (m) = manual integration (+) = signals summed

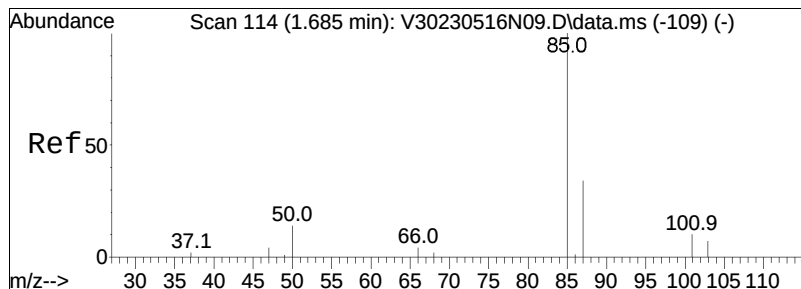
Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A26.D
 Acq On : 16 Sep 2023 10:06 pm
 Operator : VOA130:MKS
 Sample : WG1828105-6, 31, 0.5, 10,, C, R3E
 Misc : WG1828105, ICAL20364
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 18 10:06:20 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

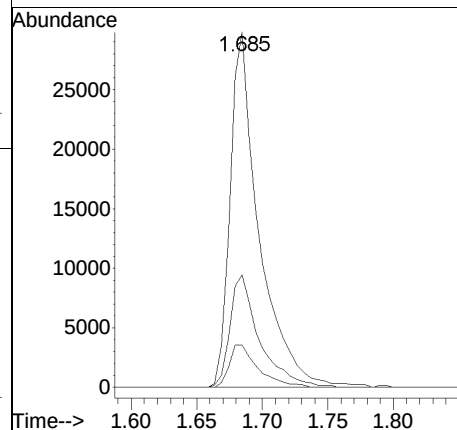
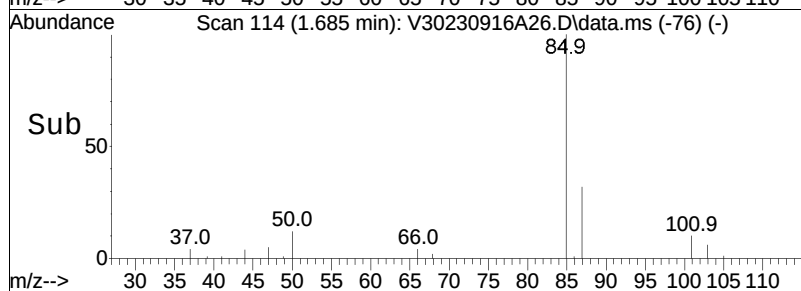
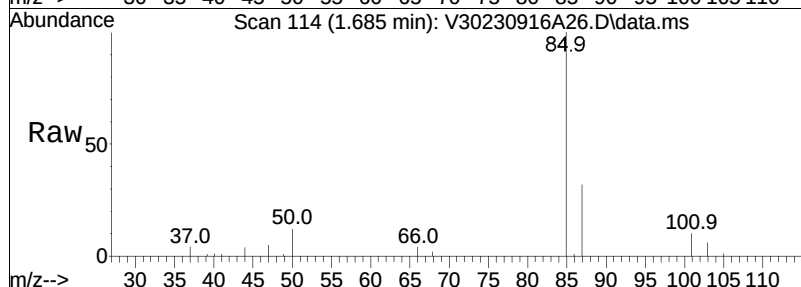
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0916A01.D•

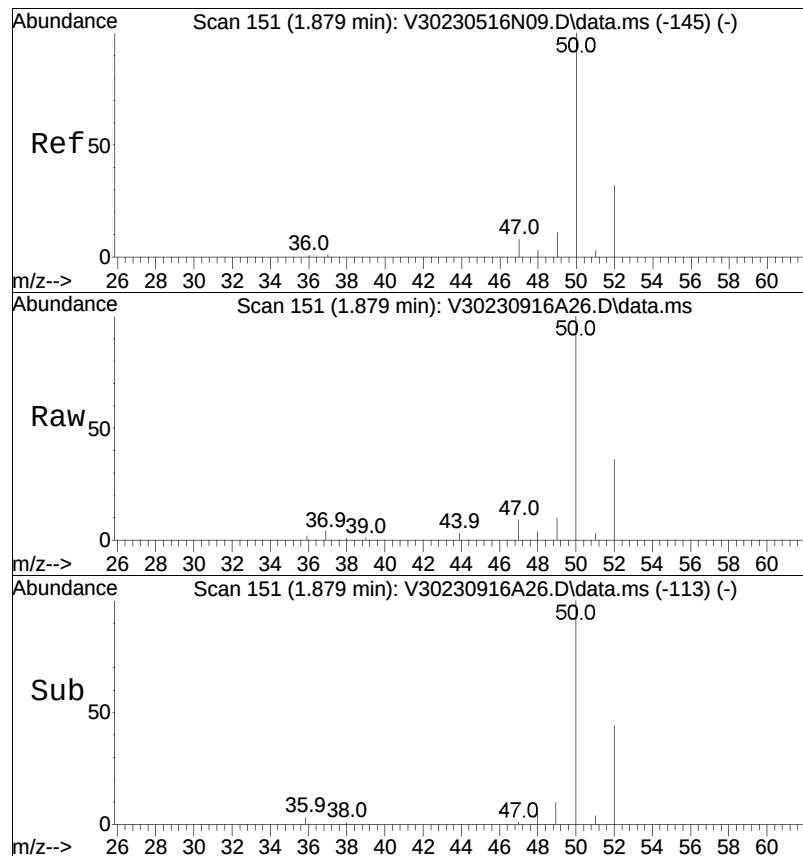




#2
 Dichlorodifluoromethane
 Concen: 11.95 ug/L
 RT: 1.685 min Scan# 114
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

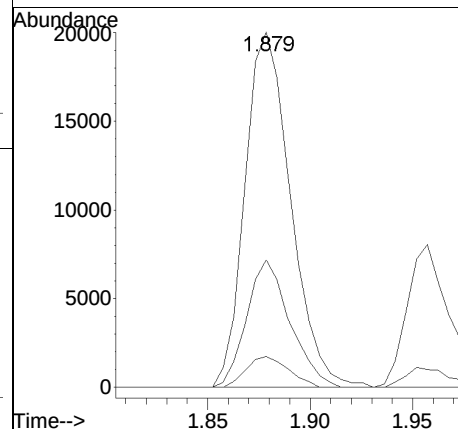
Tgt Ion: 85 Resp: 45808
 Ion Ratio Lower Upper
 85 100
 87 32.3 20.2 42.0
 50 12.0 10.1 20.9

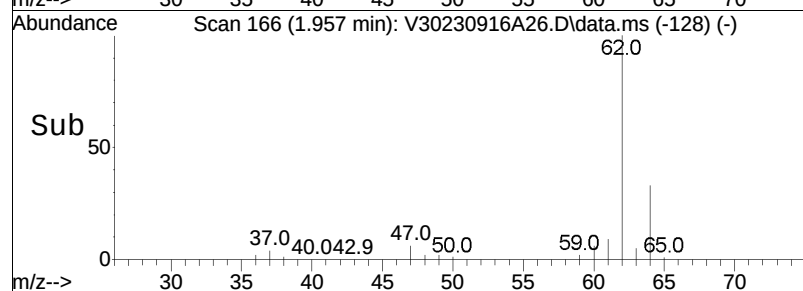
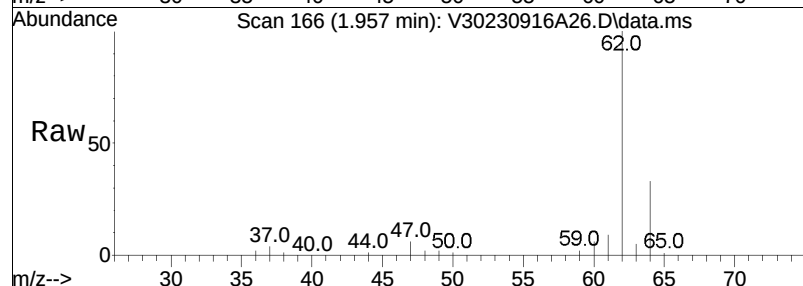
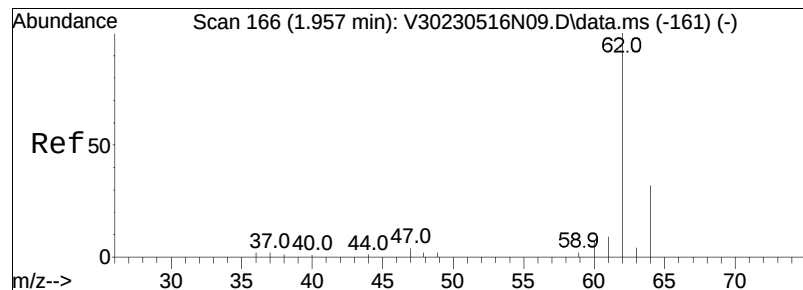




#3
 Chloromethane
 Concen: 10.45 ug/L
 RT: 1.879 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

Tgt Ion:	50	Resp:	30988
Ion Ratio	Lower	Upper	
50	100		
52	34.1	25.1	37.7
47	8.1	6.5	9.7





#4

Vinyl chloride

Concen: 58.21 ug/L

RT: 1.957 min Scan# 166

Delta R.T. 0.000 min

Lab File: V30230916A26.D

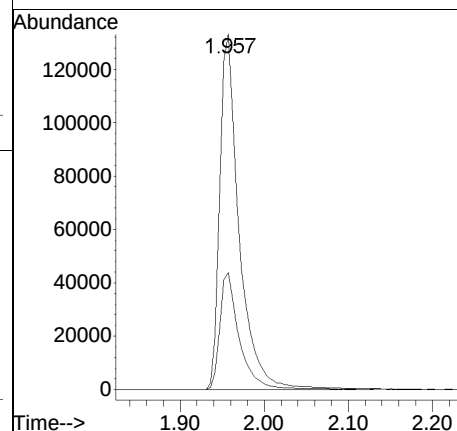
Acq: 16 Sep 2023 10:06 pm

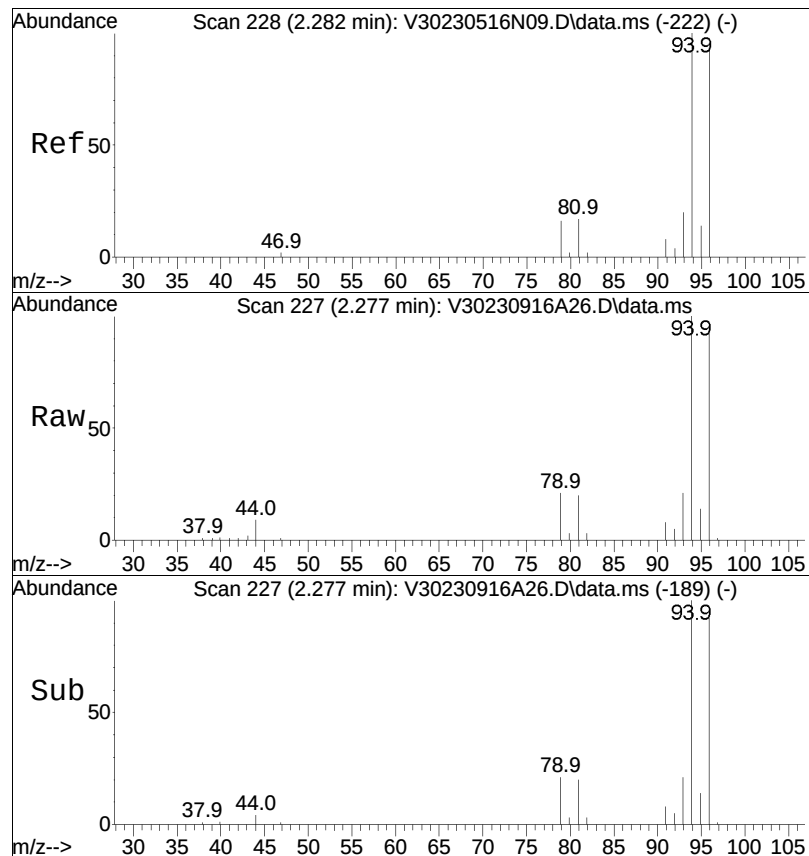
Tgt Ion: 62 Resp: 214453

Ion Ratio Lower Upper

62 100

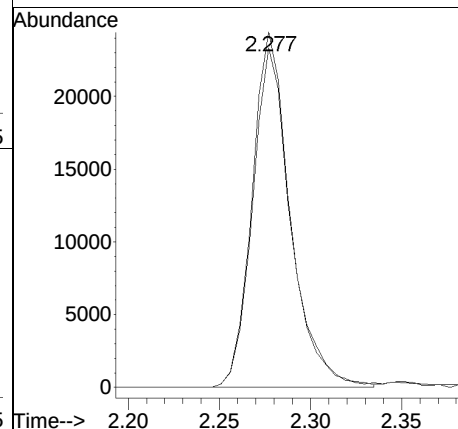
64 32.7 25.7 38.5

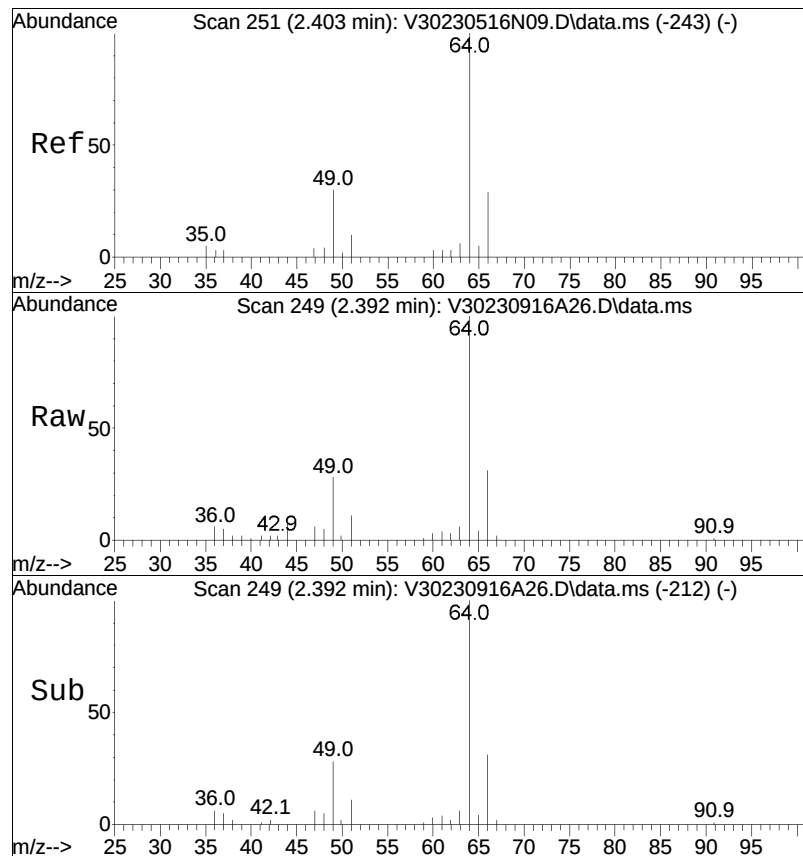




#5
 Bromomethane
 Concen: 8.21 ug/L
 RT: 2.277 min Scan# 227
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

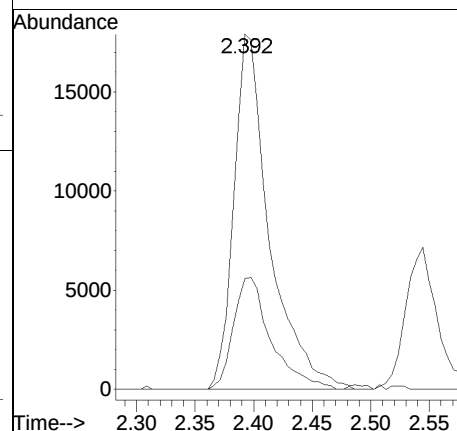
Tgt Ion	94	96	Ratio	100	Lower	Upper
Resp:	35806					
Ion Ratio	94	96	100	94.9	73.7	110.5

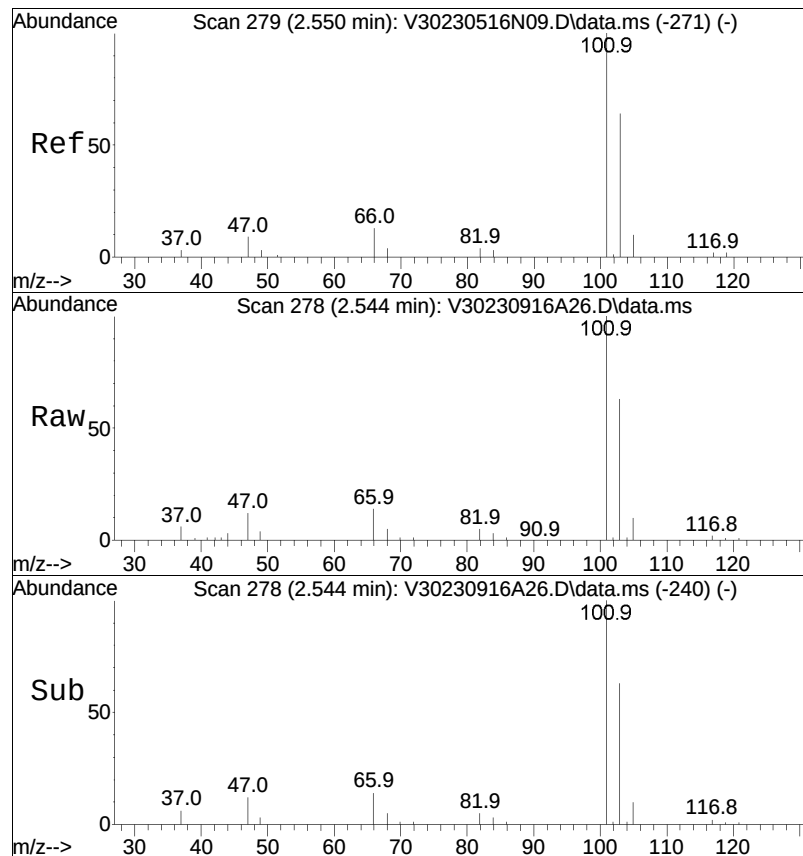




#6
 Chloroethane
 Concen: 13.25 ug/L
 RT: 2.392 min Scan# 249
 Delta R.T. -0.006 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

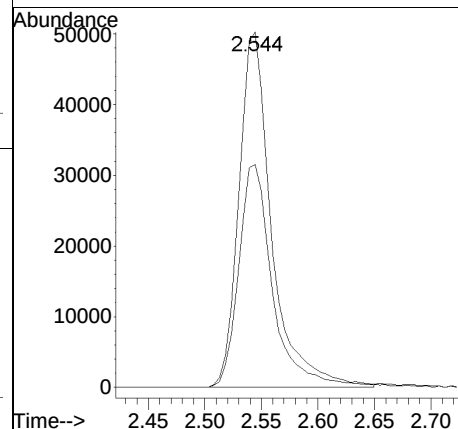
Tgt	Ion	Resp	Lower	Upper
64	100			
66	33.2	25.3	37.9	

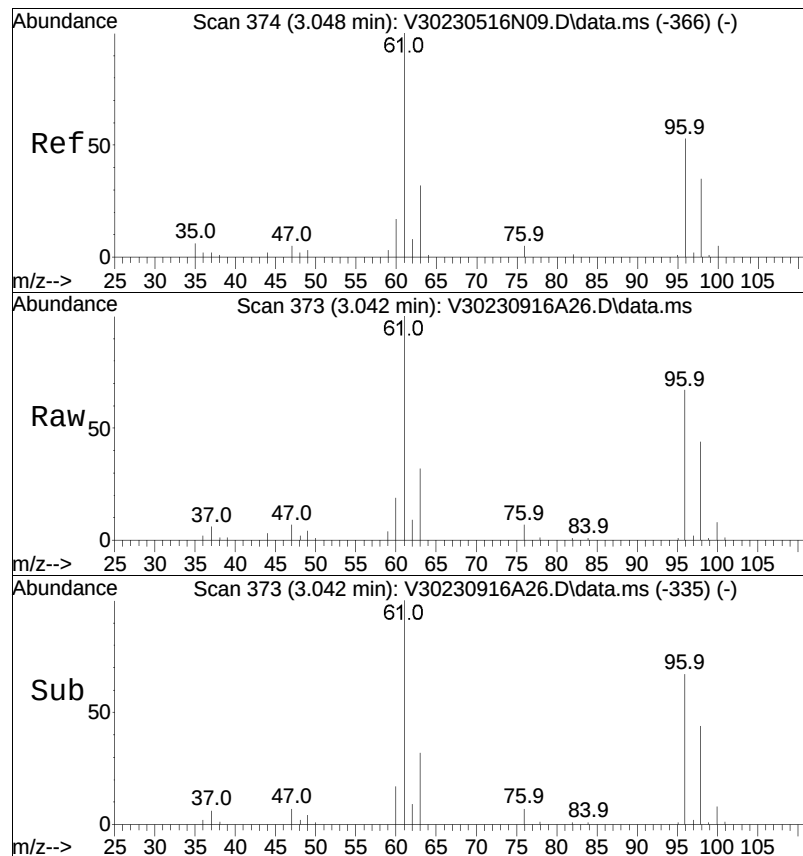




#7
 Trichlorofluoromethane
 Concen: 14.21 ug/L
 RT: 2.544 min Scan# 278
 Delta R.T. -0.001 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

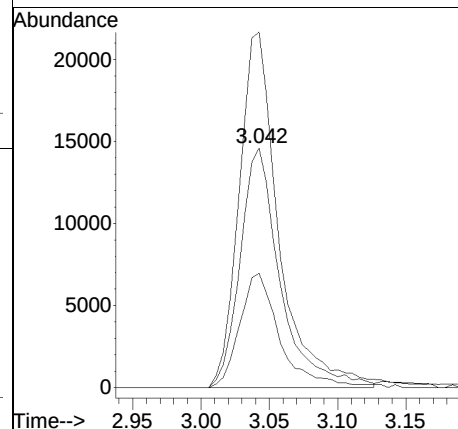
Tgt	Ion	Ratio	Lower	Upper
101	101	100		
103	103	65.3	51.0	76.4

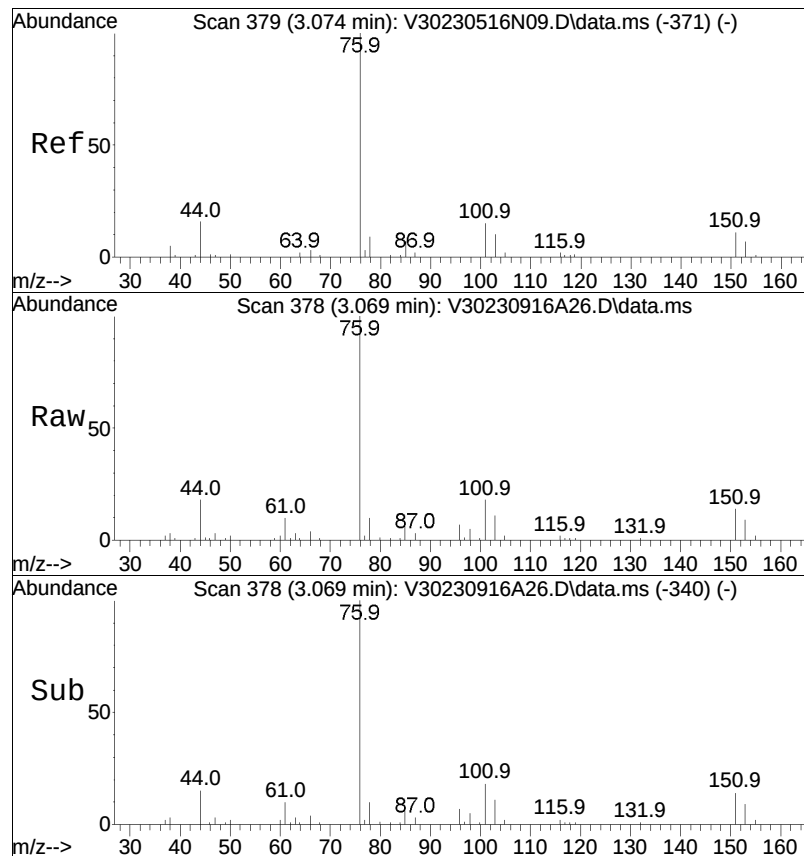




#10
 1,1-Dichloroethene
 Concen: 11.98 ug/L
 RT: 3.042 min Scan# 373
 Delta R.T. -0.001 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

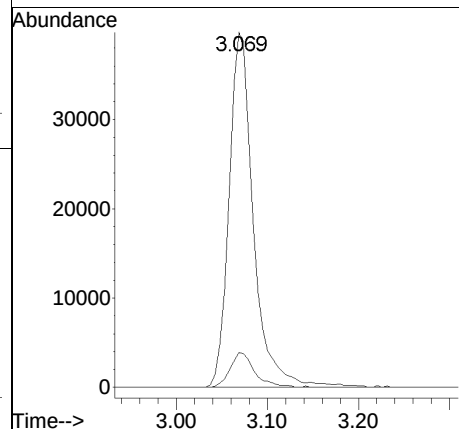
Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.9	165.5	248.3#
63	48.1	51.9	77.9#

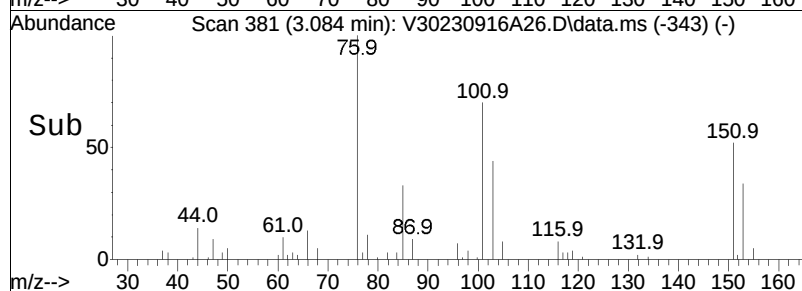
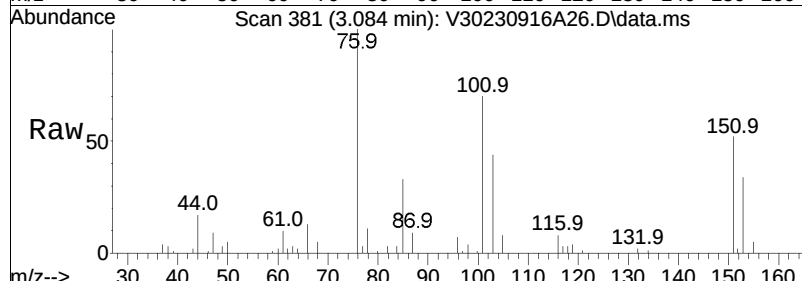
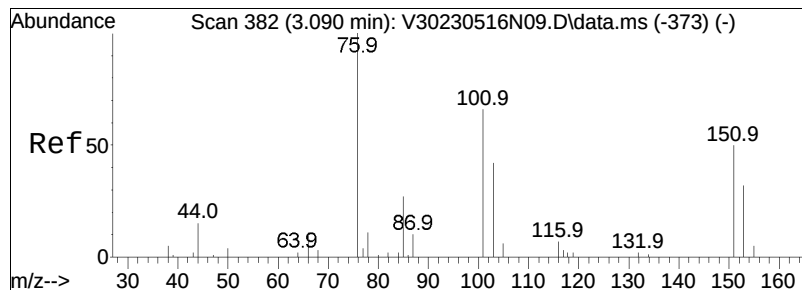




#11
 Carbon disulfide
 Concen: 10.76 ug/L
 RT: 3.069 min Scan# 378
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.9	6.4	13.4





#12

Freon-113

Concen: 12.27 ug/L

RT: 3.084 min Scan# 381

Delta R.T. -0.001 min

Lab File: V30230916A26.D

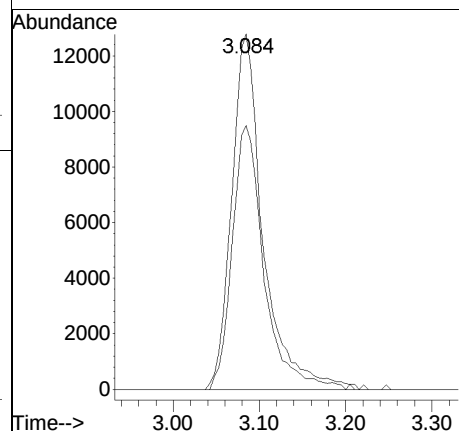
Acq: 16 Sep 2023 10:06 pm

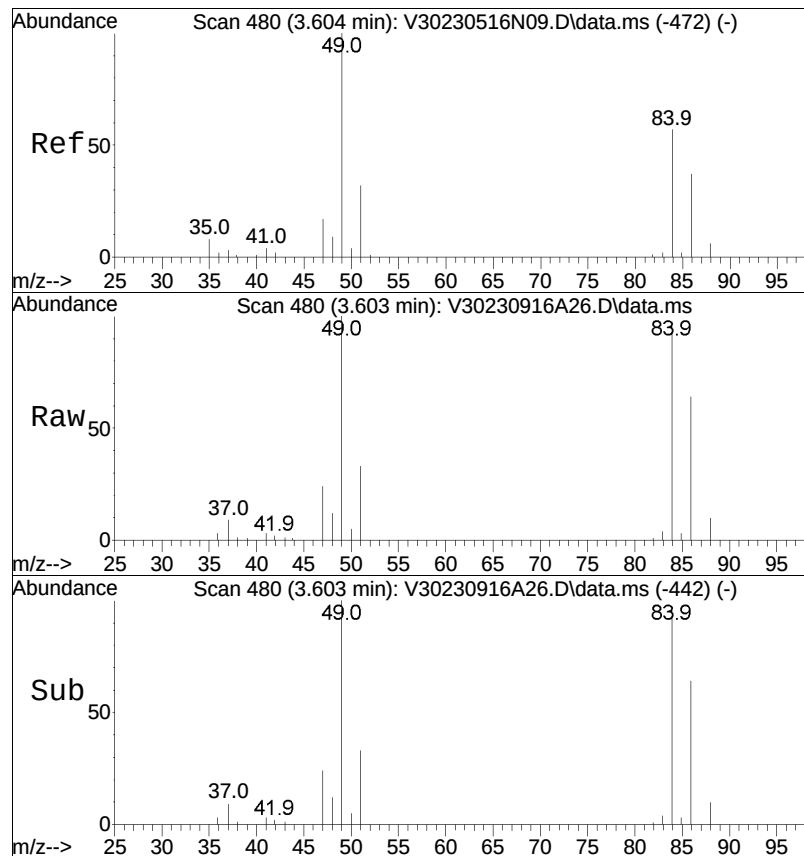
Tgt Ion:101 Resp: 32541

Ion Ratio Lower Upper

101 100

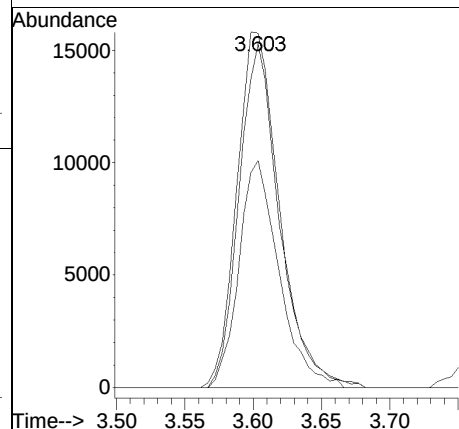
151 74.8 51.9 77.9

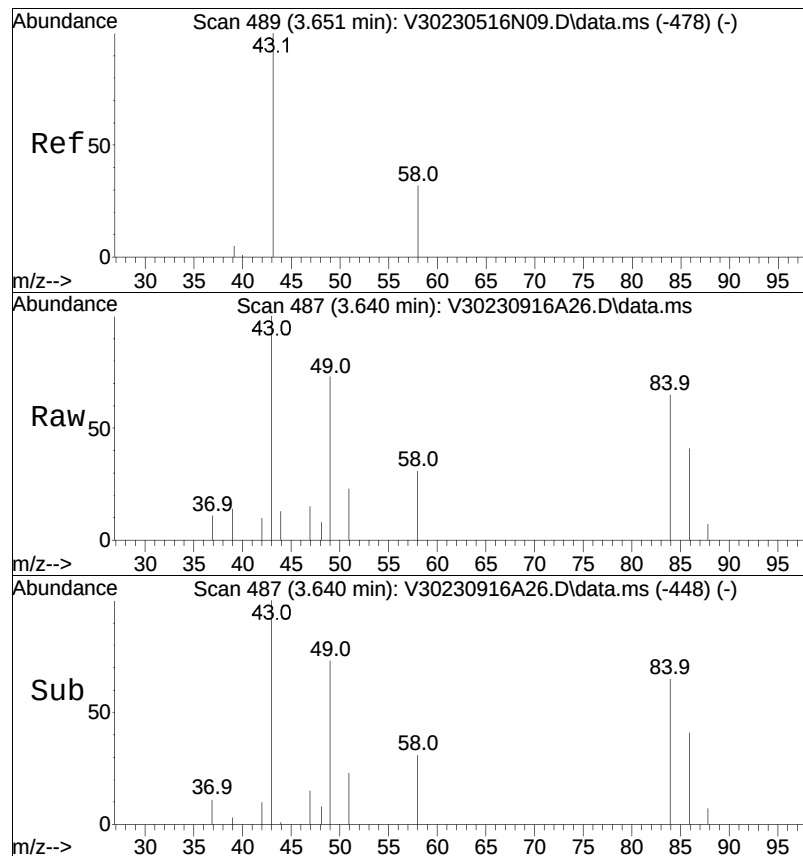




#15
 Methylene chloride
 Concen: 11.10 ug/L
 RT: 3.603 min Scan# 480
 Delta R.T. -0.001 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

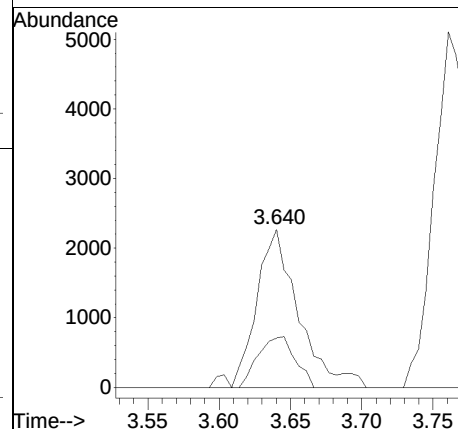
Tgt Ion:	84	Resp:	31620
Ion Ratio	Lower	Upper	
84	100		
86	65.3	41.7	86.5
49	108.8	103.9	215.9

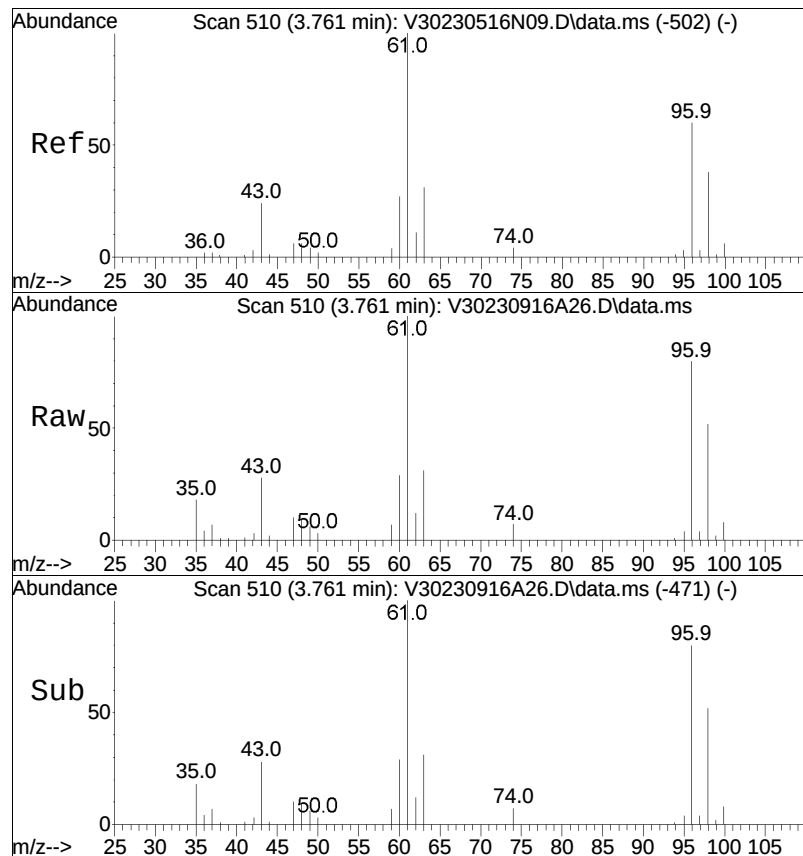




#17
 Acetone
 Concen: 10.20 ug/L
 RT: 3.640 min Scan# 487
 Delta R.T. 0.005 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

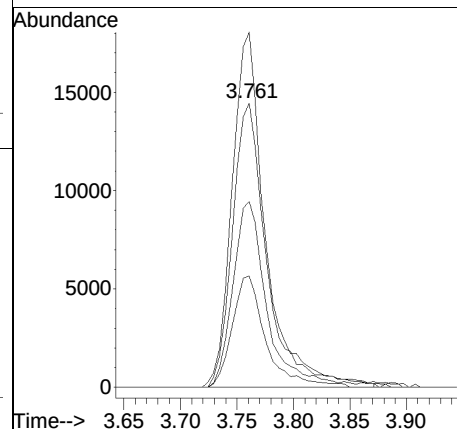
Tgt Ion: 43 Resp: 4716
 Ion Ratio Lower Upper
 43 100
 58 28.0 20.1 30.1

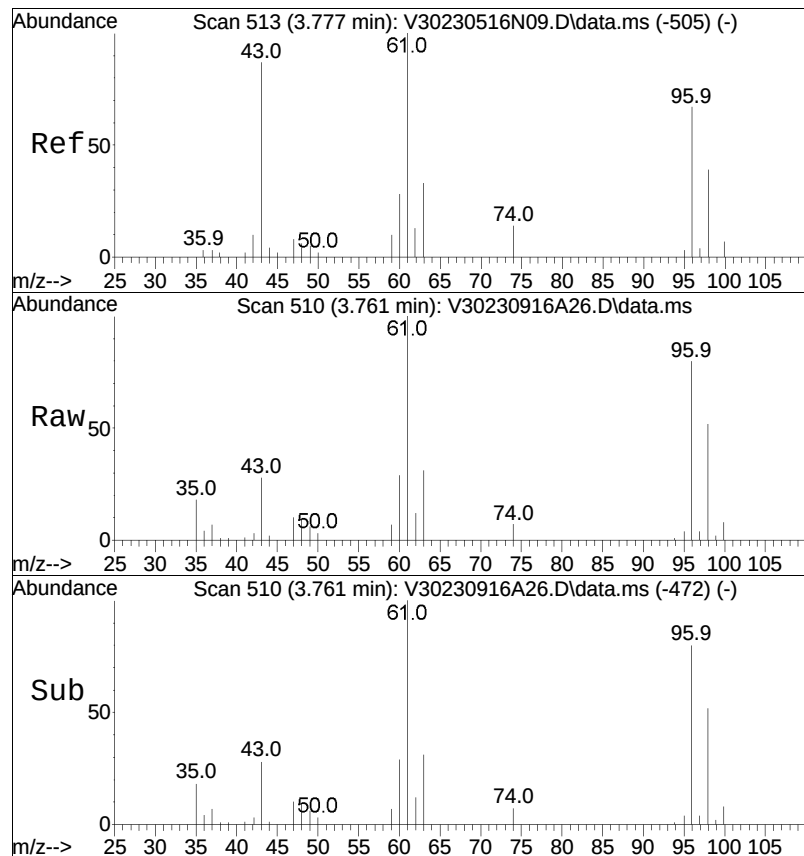




#18
 trans-1,2-Dichloroethene
 Concen: 11.13 ug/L
 RT: 3.761 min Scan# 510
 Delta R.T. 0.005 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

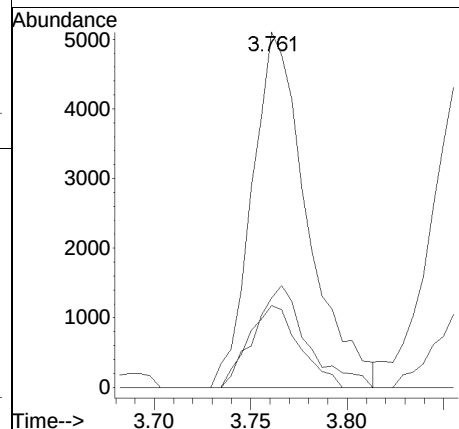
Tgt Ion:	96	Resp:	30895
Ion Ratio	Lower	Upper	
96	100		
61	122.0	113.6	236.0
98	64.3	40.8	84.8
63	38.1	36.5	75.7

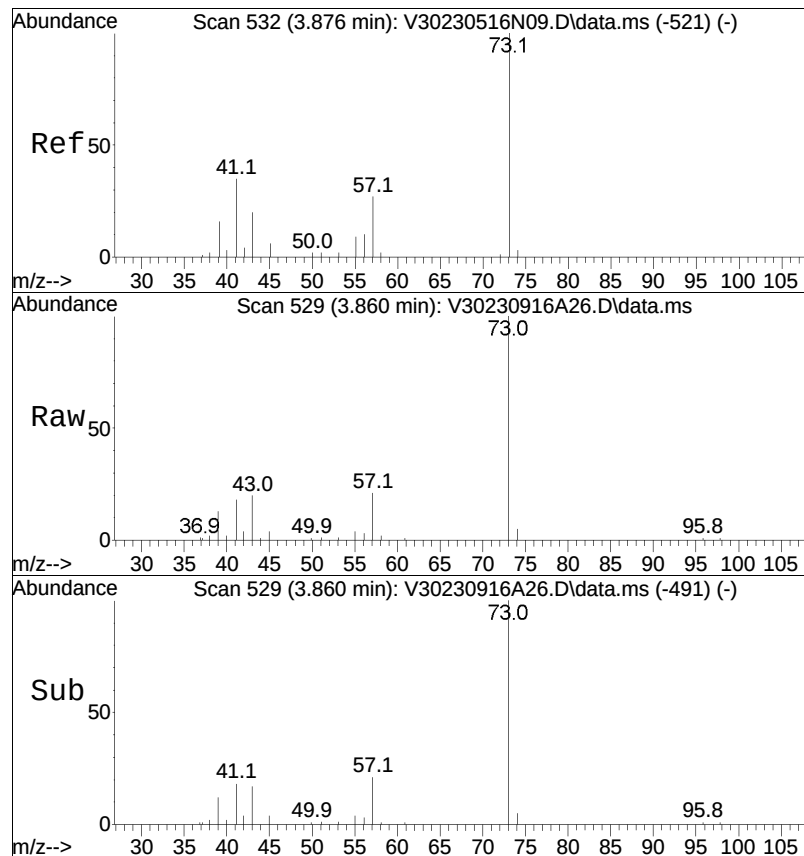




#19
Methyl acetate
Concen: 9.44 ug/L
RT: 3.761 min Scan# 510
Delta R.T. -0.000 min
Lab File: V30230916A26.D
Acq: 16 Sep 2023 10:06 pm

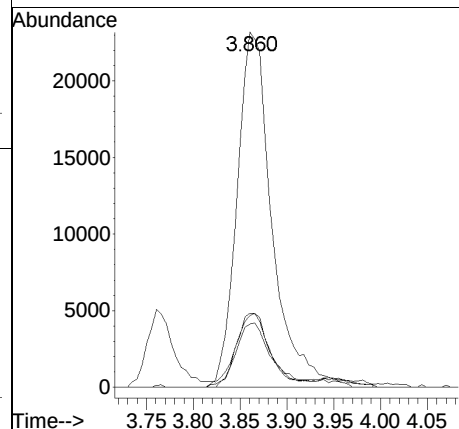
Tgt Ion:	43	74	59	Resp:	10184	Lower	Upper
Ion Ratio	100	27.0	21.3				
		14.6	9.3				
		22.0#	13.9#				

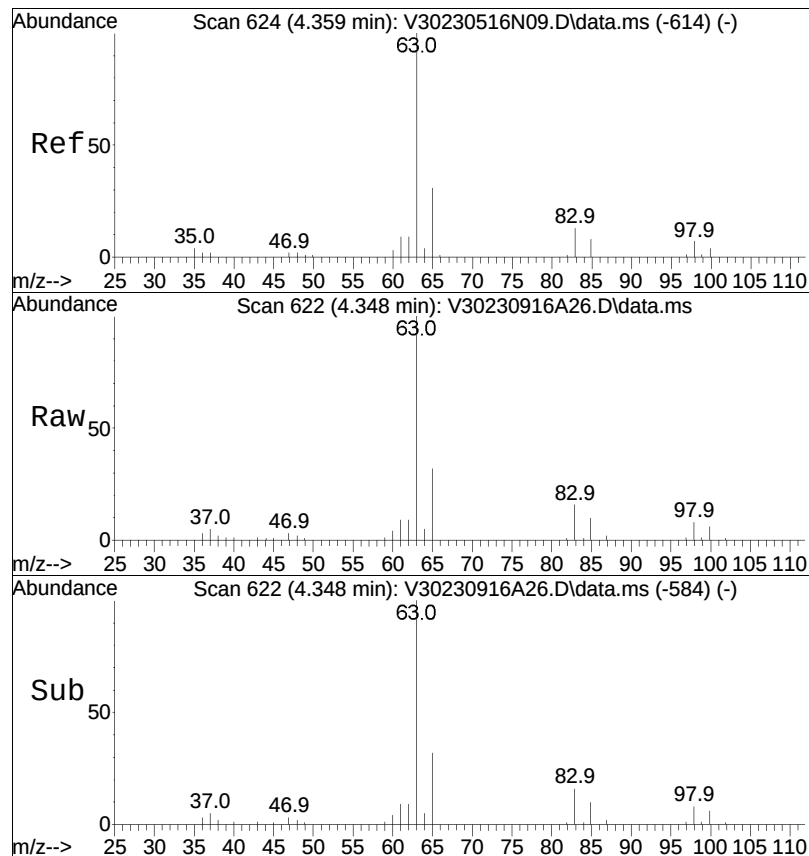




#21
 Methyl tert-butyl ether
 Concen: 10.19 ug/L
 RT: 3.860 min Scan# 529
 Delta R.T. -0.001 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

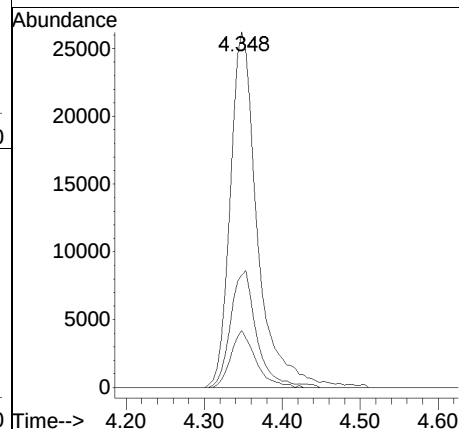
Tgt Ion:	73	Resp:	61131
Ion Ratio	Lower	Upper	
73	100		
57	20.4	15.5	32.1
43	17.7	16.6	34.6
41	17.7	17.2	35.6

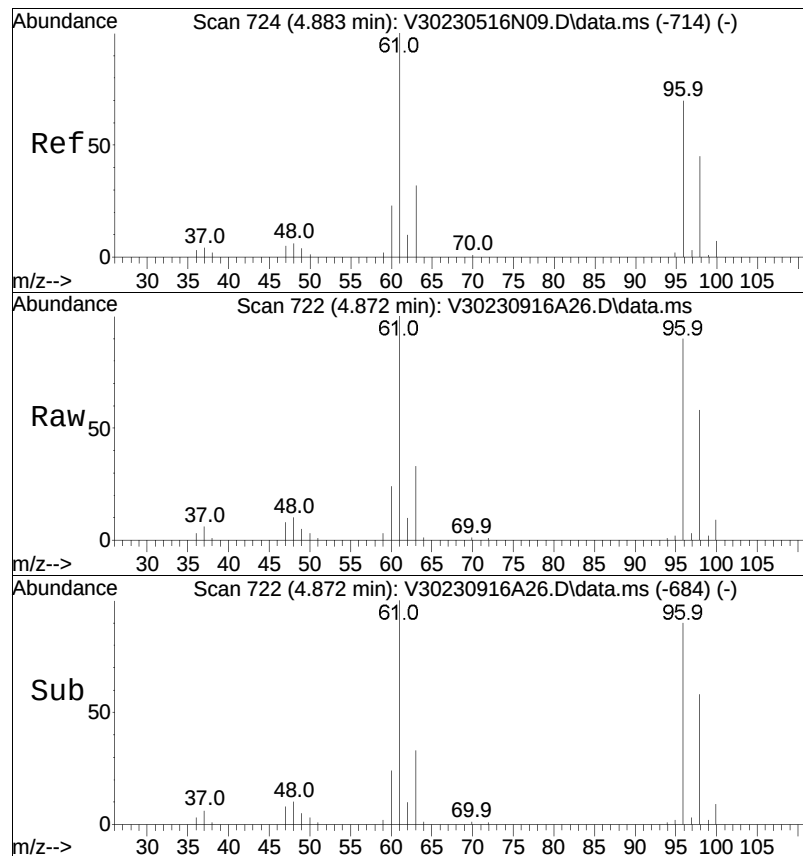




#25
 1,1-Dichloroethane
 Concen: 13.22 ug/L
 RT: 4.348 min Scan# 622
 Delta R.T. 0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

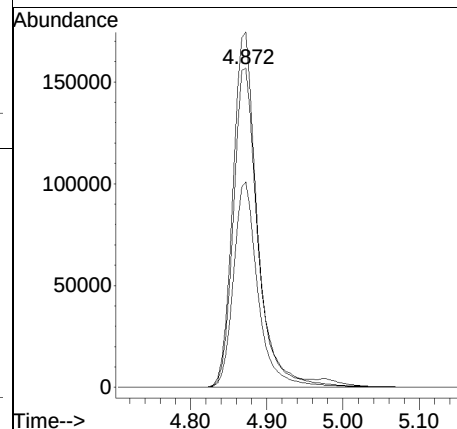
Tgt Ion:	63	Resp:	63613
Ion Ratio	Lower	Upper	
63	100		
65	31.5	24.5	36.7
83	14.6	8.9	13.3#

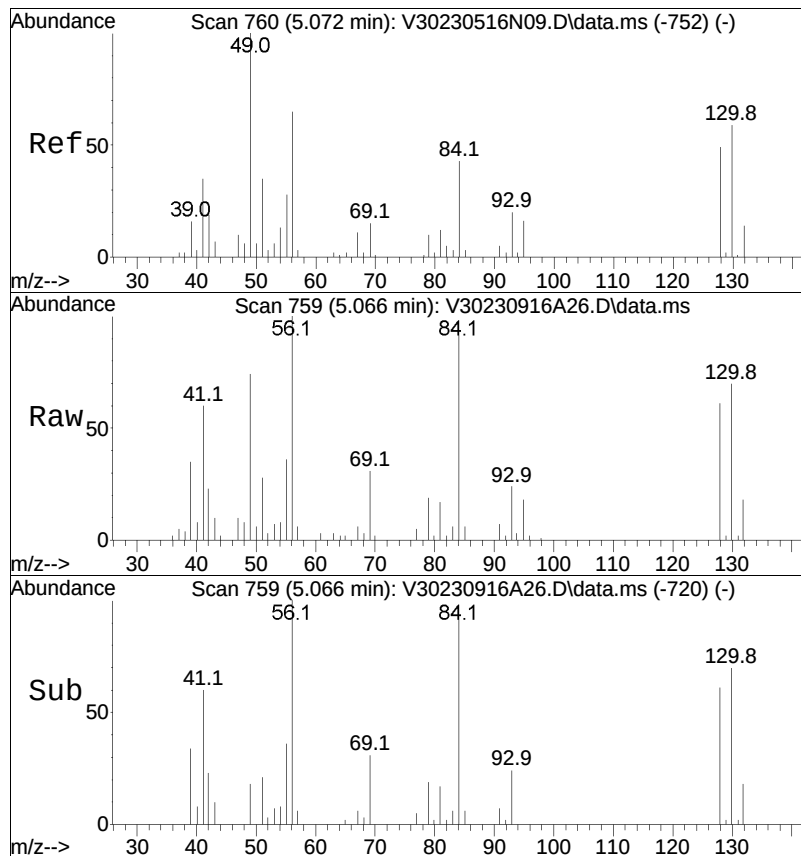




#30
 cis-1,2-Dichloroethene
 Concen: 111.76 ug/L
 RT: 4.872 min Scan# 722
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

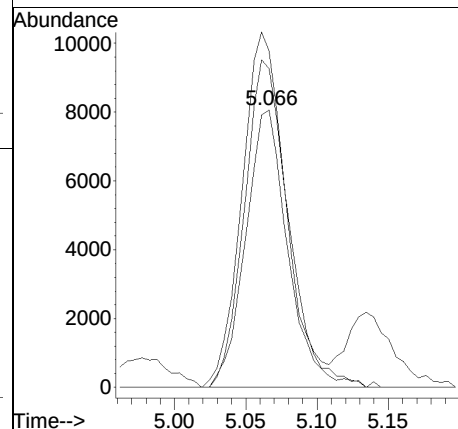
Tgt Ion	Ratio	Lower	Upper
96	100		
61	109.9	129.3	193.9#
98	64.2	51.4	77.2

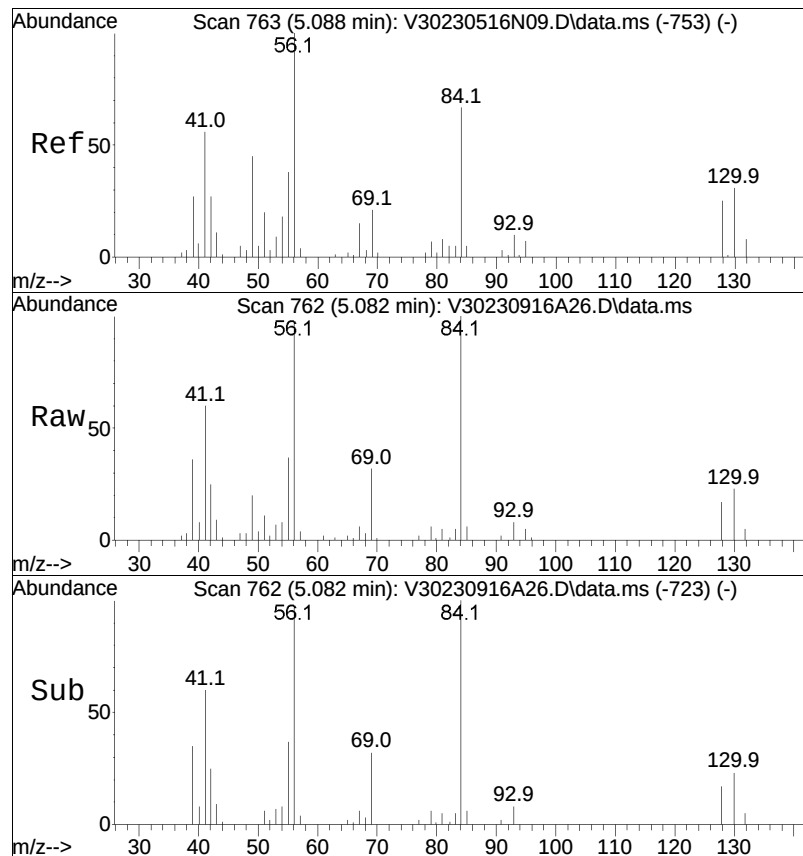




#33
 Bromochloromethane
 Concen: 10.96 ug/L
 RT: 5.066 min Scan# 759
 Delta R.T. 0.005 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

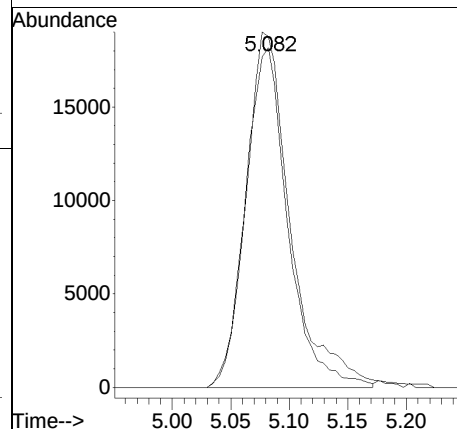
Tgt Ion:	128	Resp:	16658
Ion Ratio	Lower	Upper	
128	100		
49	132.9	214.8	322.2#
130	123.5	105.4	158.2

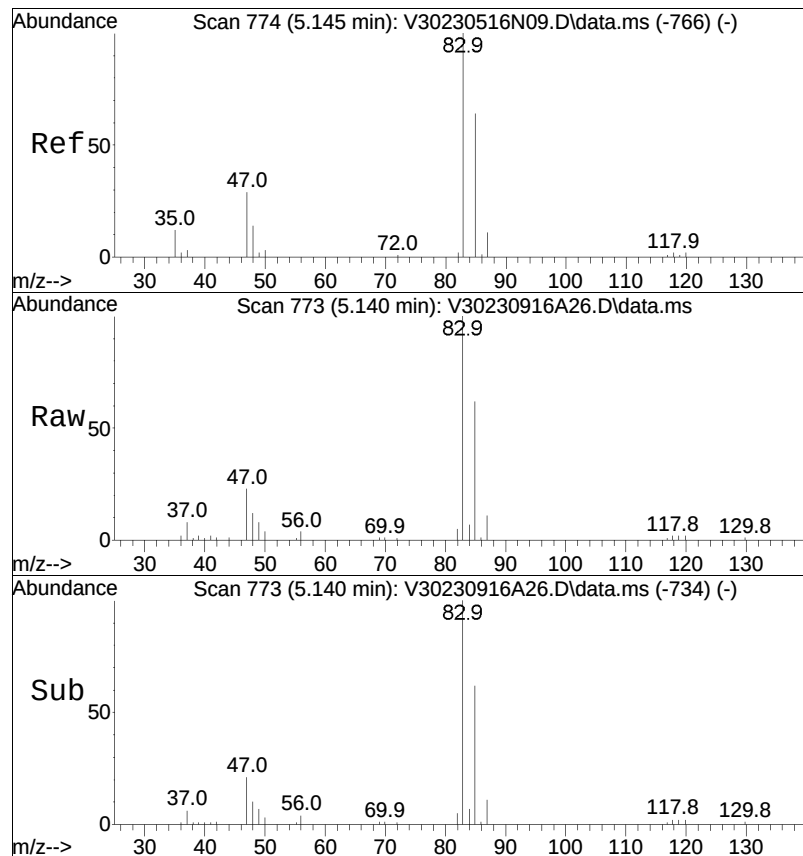




#34
 Cyclohexane
 Concen: 11.40 ug/L
 RT: 5.082 min Scan# 762
 Delta R.T. 0.005 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

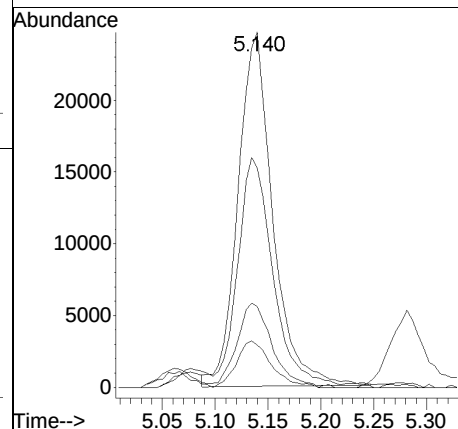
Tgt	Ion	Resp	Lower	Upper
56	100			
84	110.3	49.9	103.5#	

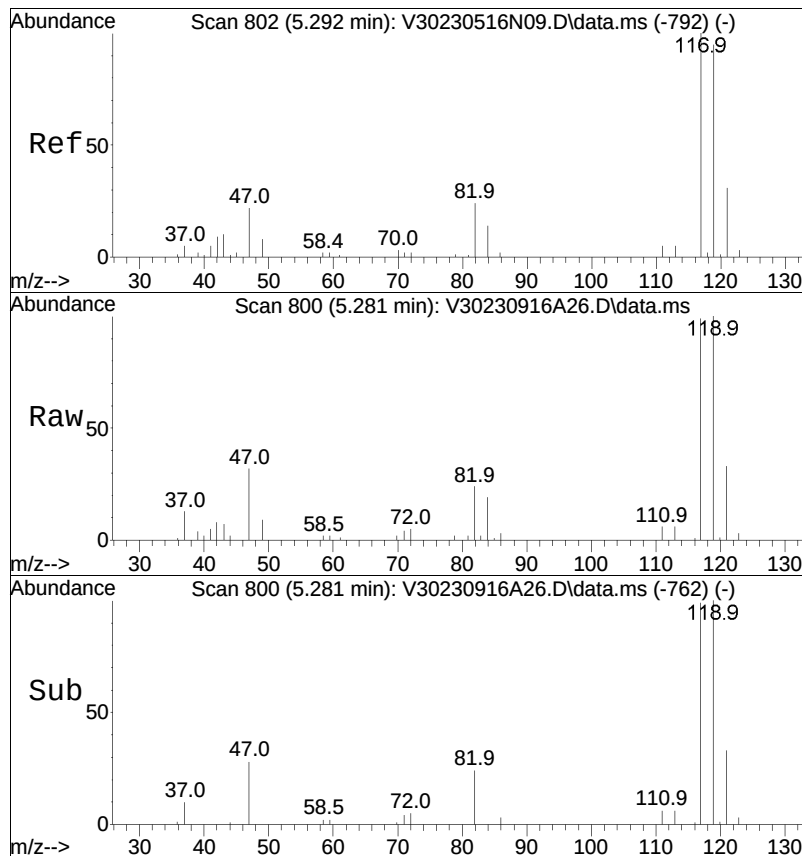




#35
 Chloroform
 Concen: 11.02 ug/L
 RT: 5.140 min Scan# 773
 Delta R.T. 0.005 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

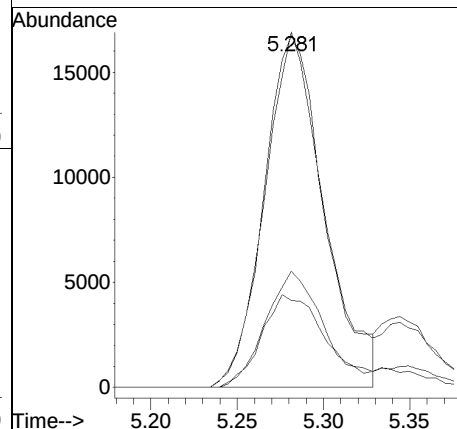
Tgt	Ion: 83	Resp:	56518
Ion	Ratio	Lower	Upper
83	100		
85	64.2	41.4	86.0
47	24.1	20.5	42.5
48	13.1	9.9	20.5

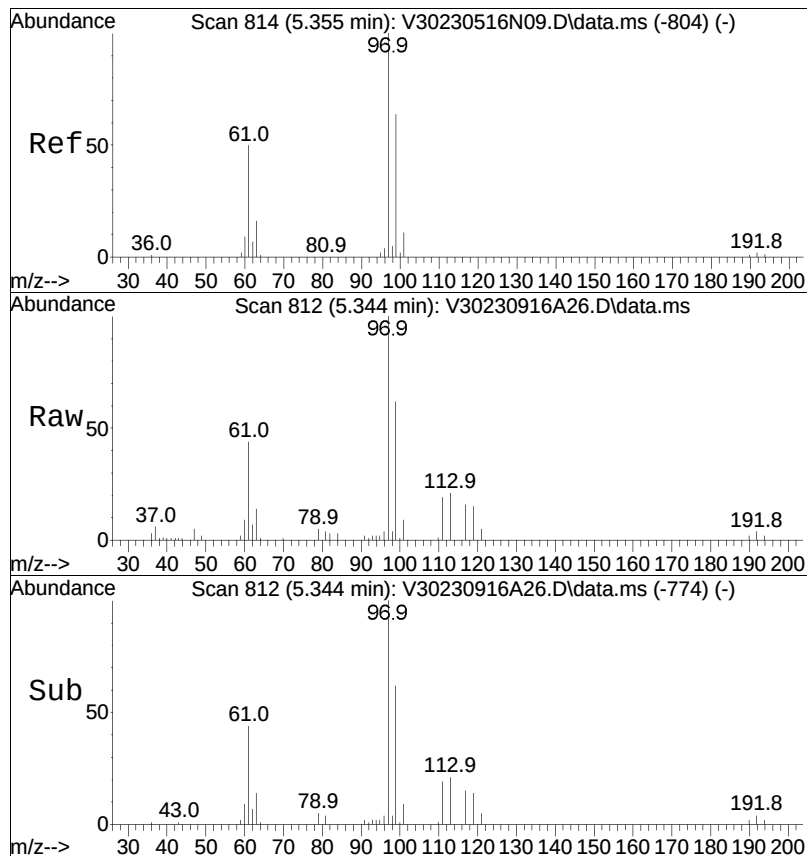




#37
 Carbon tetrachloride
 Concen: 10.60 ug/L
 RT: 5.281 min Scan# 800
 Delta R.T. -0.001 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

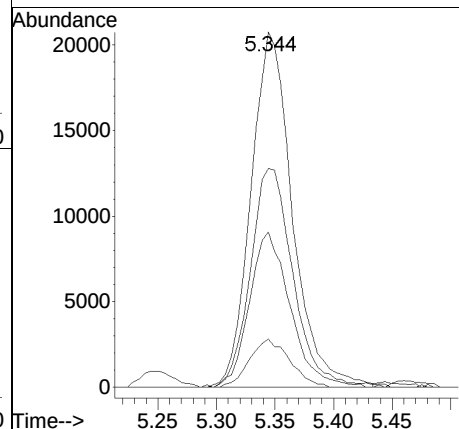
Tgt Ion:	117	Resp:	40818
Ion Ratio	Lower	Upper	
117	100		
119	98.7	62.0	128.8
121	31.5	19.6	40.6
82	28.3	18.8	39.0

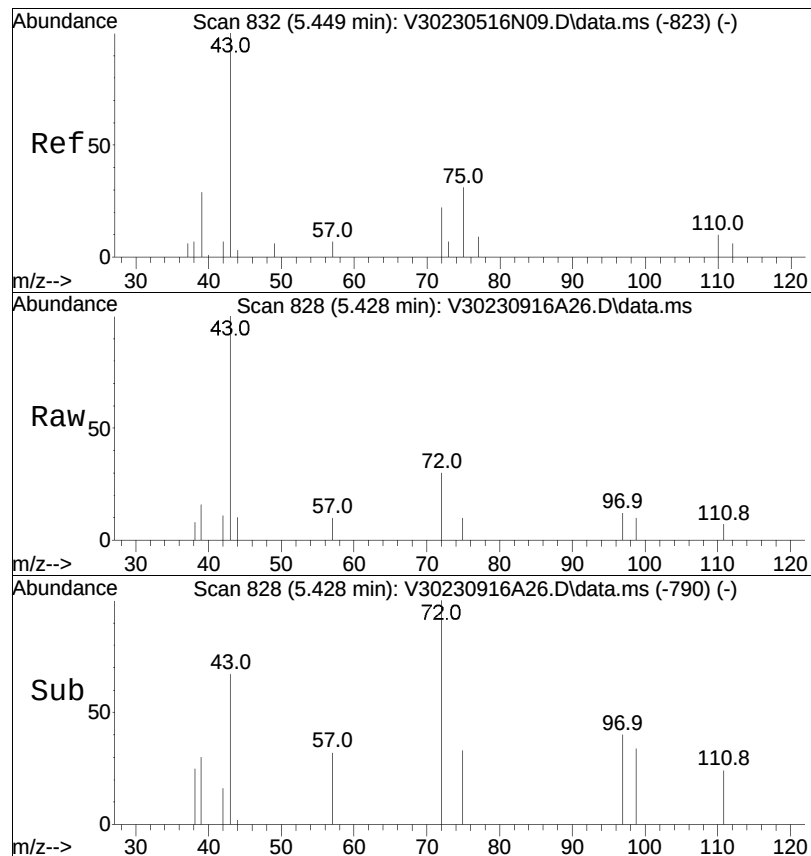




#40
 1,1,1-Trichloroethane
 Concen: 11.39 ug/L
 RT: 5.344 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

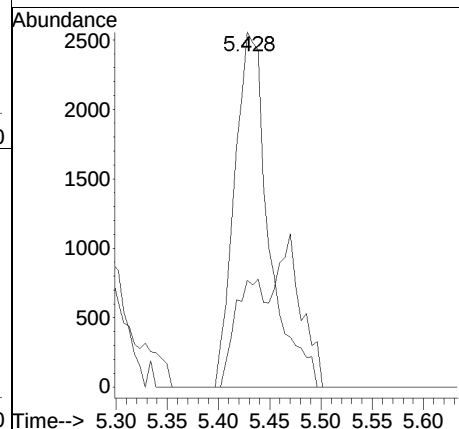
Tgt Ion:	97	Resp:	51185
Ion Ratio	Lower	Upper	
97	100		
99	63.5	40.6	84.4
61	43.3	35.0	72.8
63	13.3	11.1	23.0

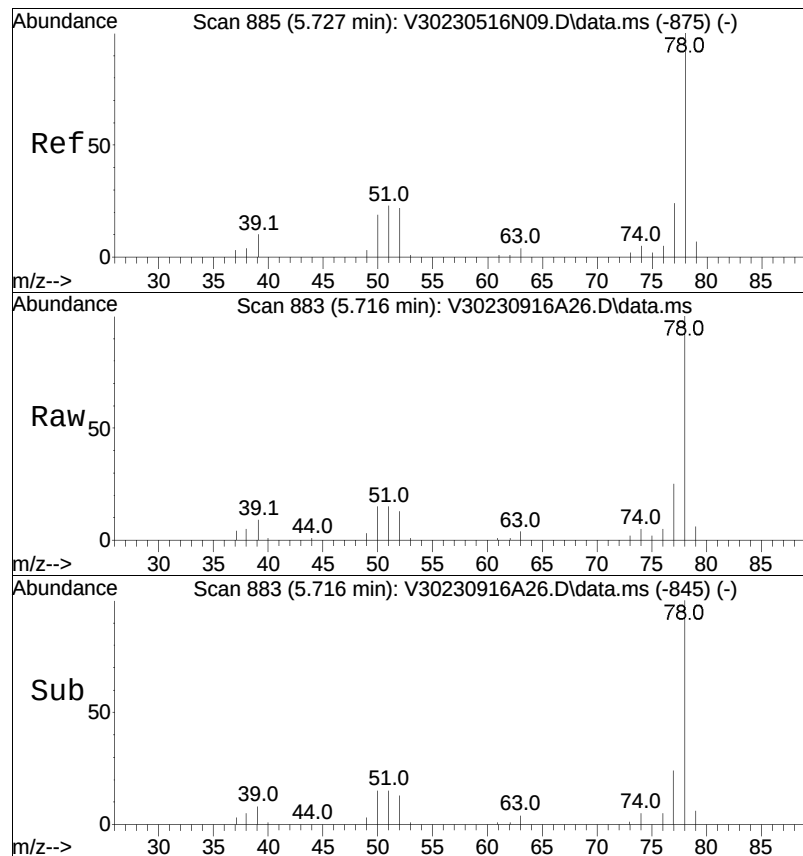




#42
 2-Butanone
 Concen: 9.32 ug/L M3
 RT: 5.428 min Scan# 828
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

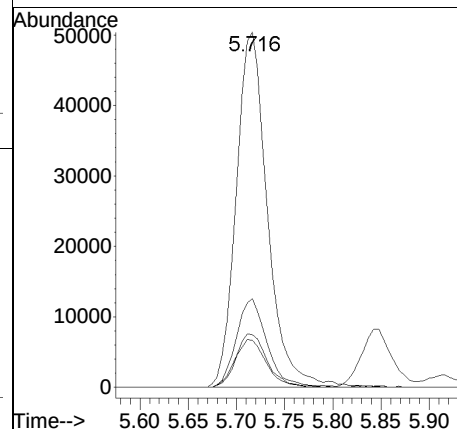
Tgt Ion:	43	72	Ion Ratio	100	36.7	Resp:	5940	Lower	Upper
								18.2	27.4#

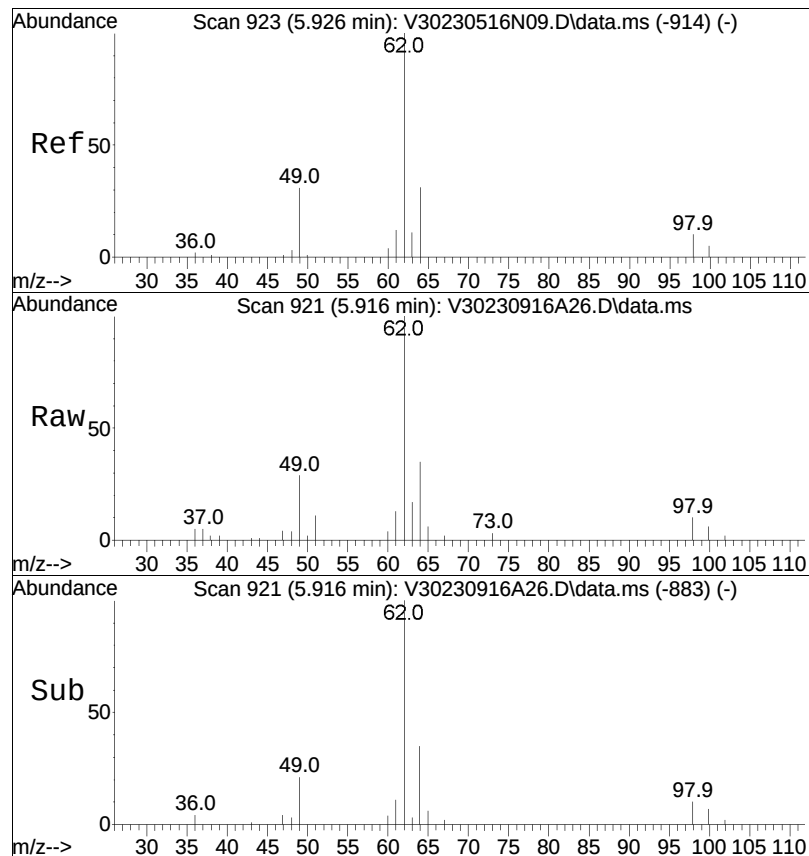




#45
Benzene
Concen: 11.14 ug/L
RT: 5.716 min Scan# 883
Delta R.T. -0.000 min
Lab File: V30230916A26.D
Acq: 16 Sep 2023 10:06 pm

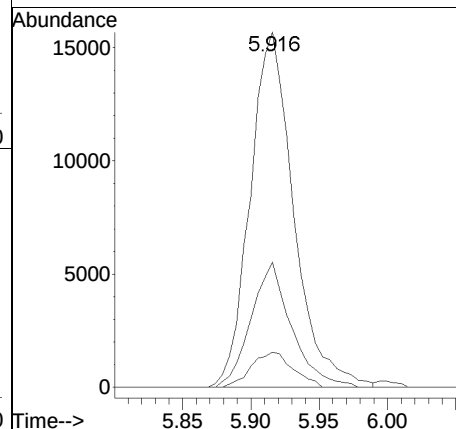
Tgt Ion:	78	Resp:	114107
Ion Ratio	Lower	Upper	
78	100		
77	24.6	15.6	32.4
51	15.4	12.9	26.7
52	13.3	12.4	25.7

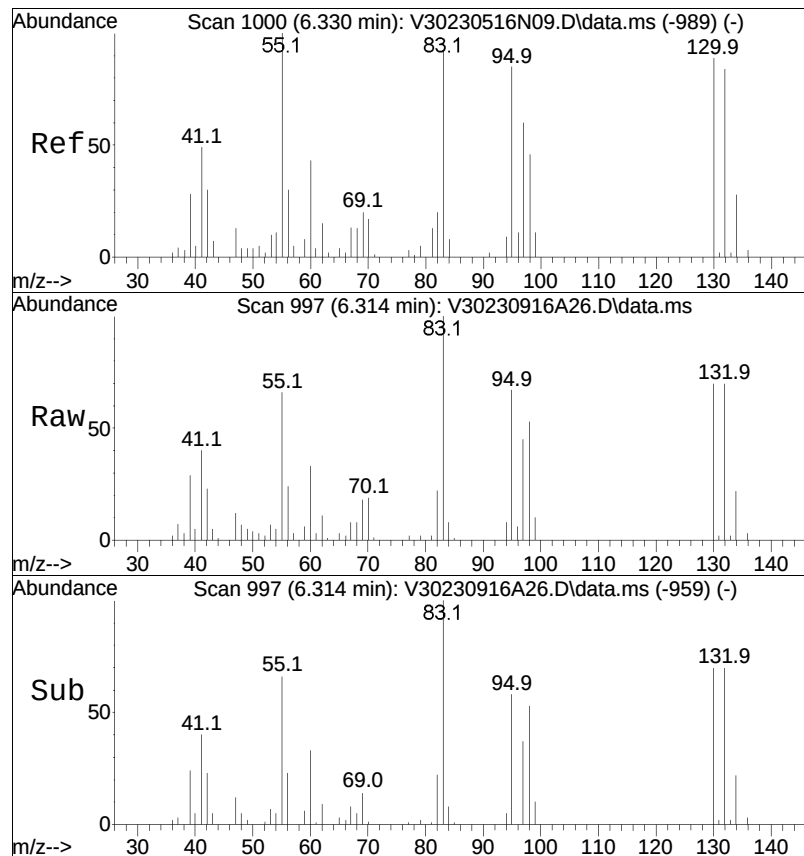




#48
 1,2-Dichloroethane
 Concen: 10.13 ug/L
 RT: 5.916 min Scan# 921
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

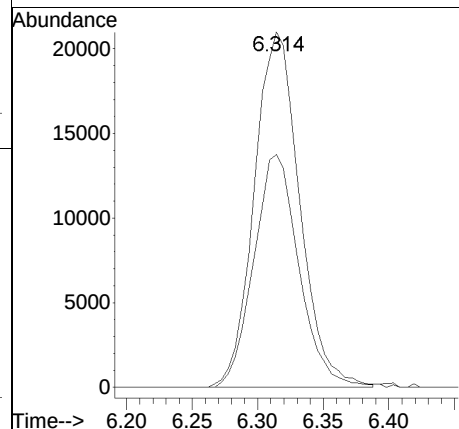
Tgt Ion	Ratio	Resp	Lower	Upper
62	100	34819		
64	32.8		25.5	38.3
98	9.6		5.5	8.3#

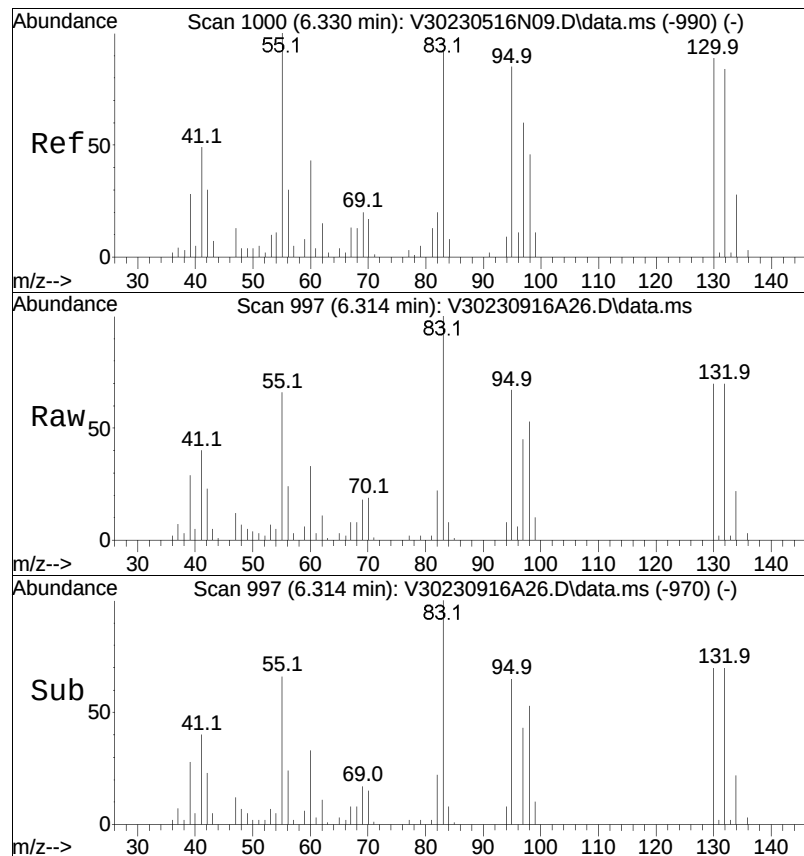




#51
Methyl cyclohexane
Concen: 11.27 ug/L
RT: 6.314 min Scan# 997
Delta R.T. -0.000 min
Lab File: V30230916A26.D
Acq: 16 Sep 2023 10:06 pm

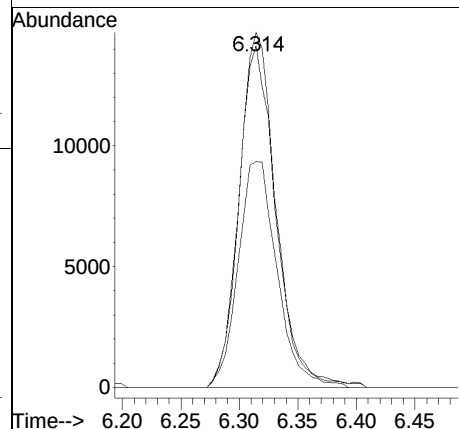
Tgt Ion	Ratio	Lower	Upper
83	100		
55	65.4	74.6	112.0#

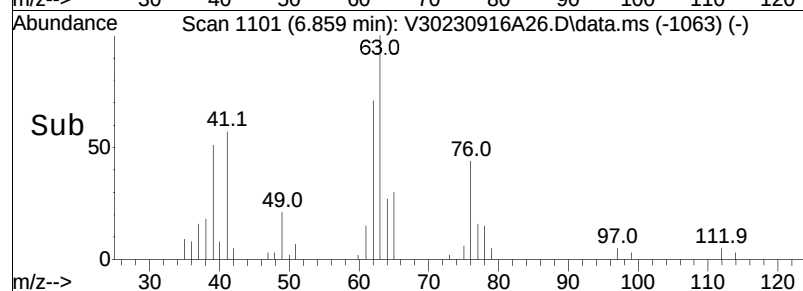
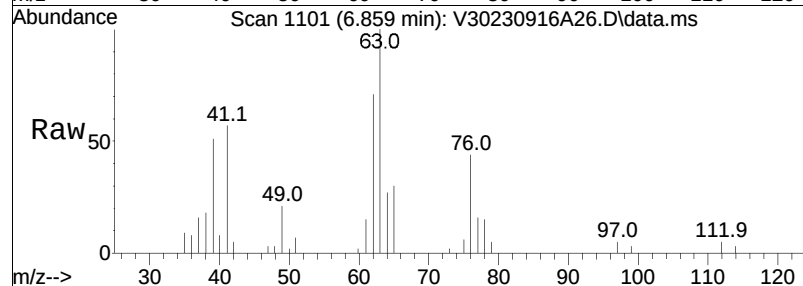
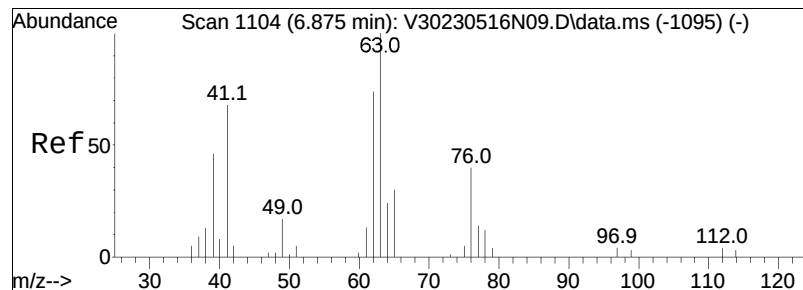




#52
 Trichloroethene
 Concen: 10.22 ug/L
 RT: 6.314 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

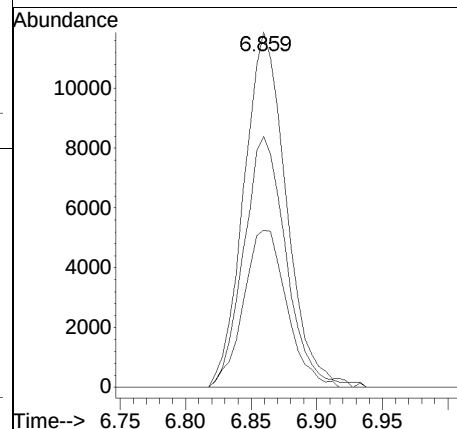
Tgt Ion	95	Resp	31197
Ion Ratio	100	Lower	Upper
95	100		
97	69.4	53.8	80.6
130	103.3	71.4	107.0

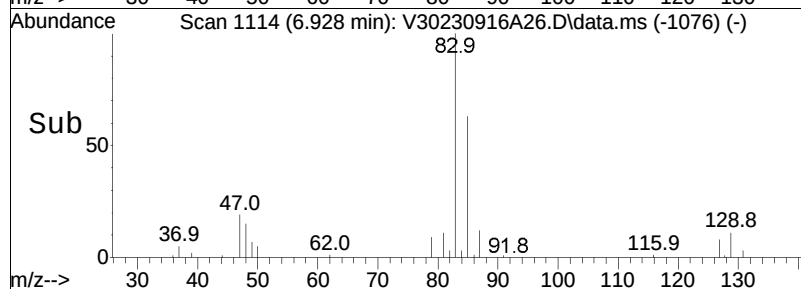
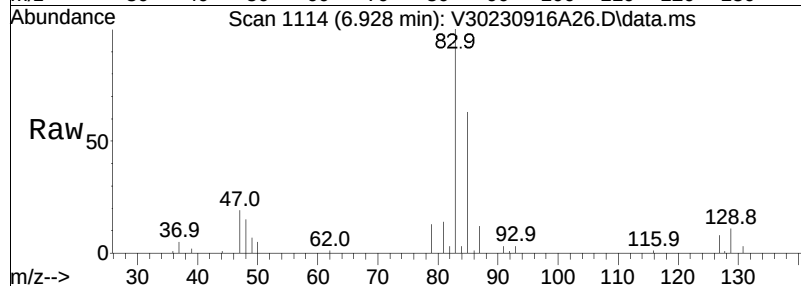
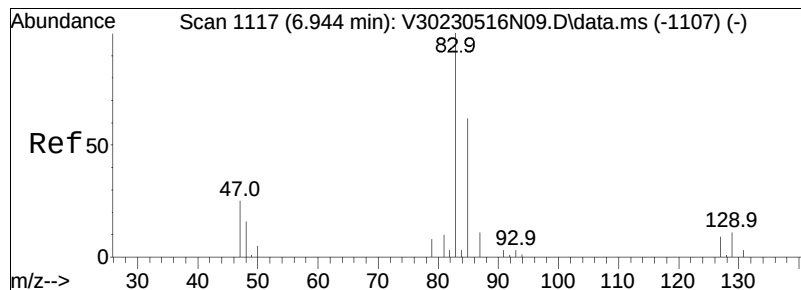




#55
 1,2-Dichloropropane
 Concen: 10.77 ug/L
 RT: 6.859 min Scan# 1101
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

Tgt Ion:	63	Resp:	26817
Ion Ratio	Lower	Upper	
63	100		
62	70.6	58.1	87.1
76	45.0	30.4	45.6





#58

Bromodichloromethane

Concen: 10.15 ug/L

RT: 6.928 min Scan# 1114

Delta R.T. -0.000 min

Lab File: V30230916A26.D

Acq: 16 Sep 2023 10:06 pm

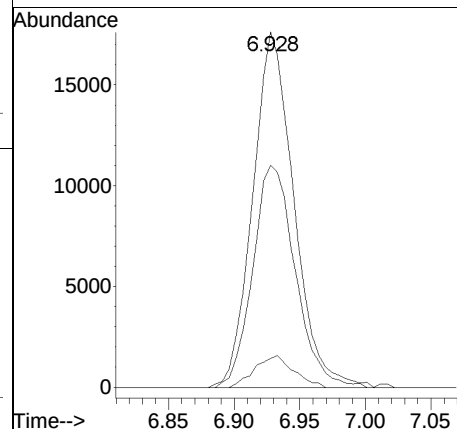
Tgt Ion: 83 Resp: 38396

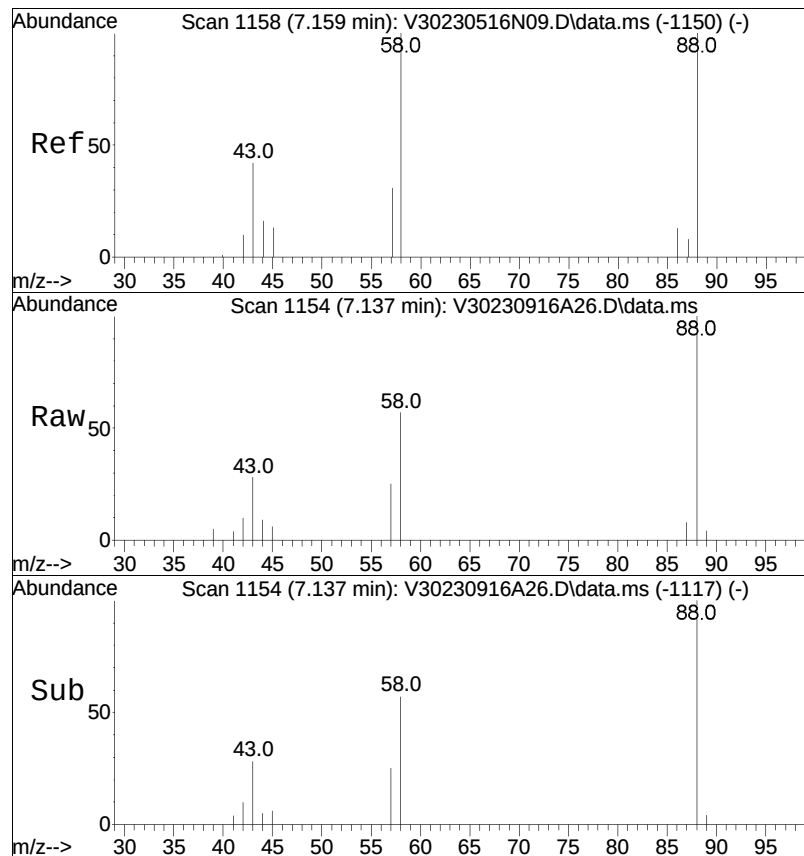
Ion Ratio Lower Upper

83 100

85 64.7 50.2 75.2

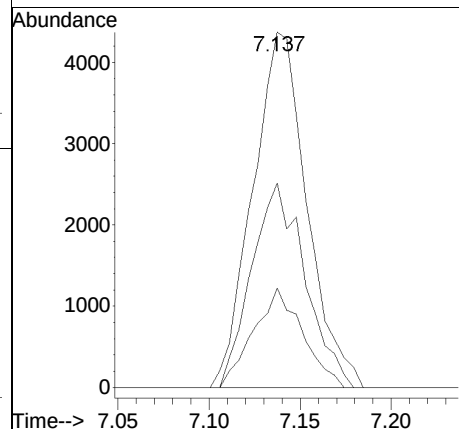
127 8.5 5.2 7.8#

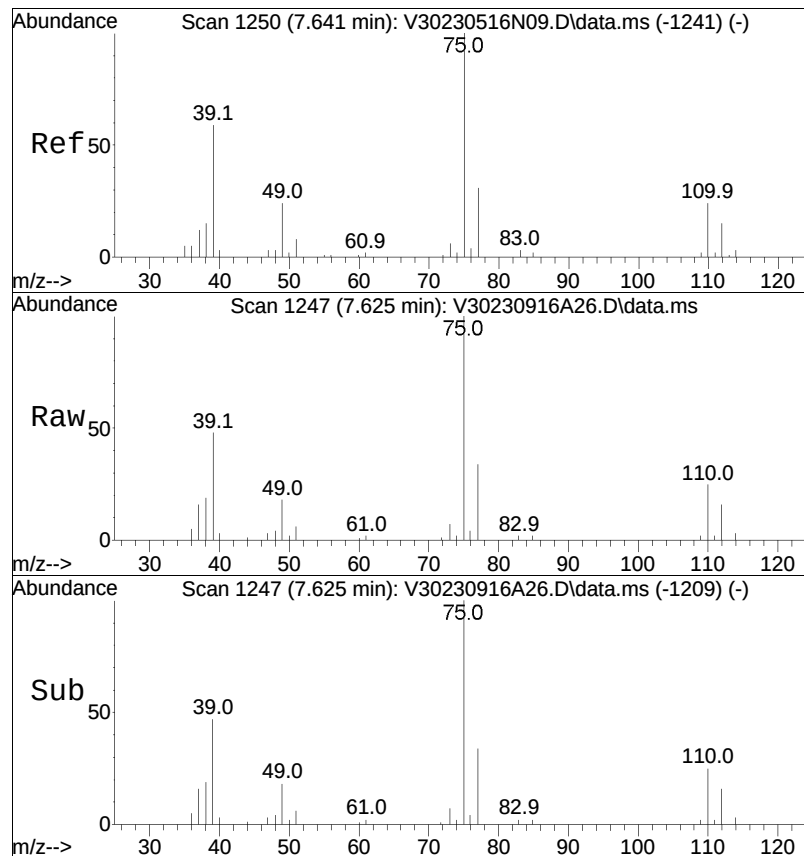




#61
 1,4-Dioxane
 Concen: 496.54 ug/L
 RT: 7.137 min Scan# 1154
 Delta R.T. -0.006 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

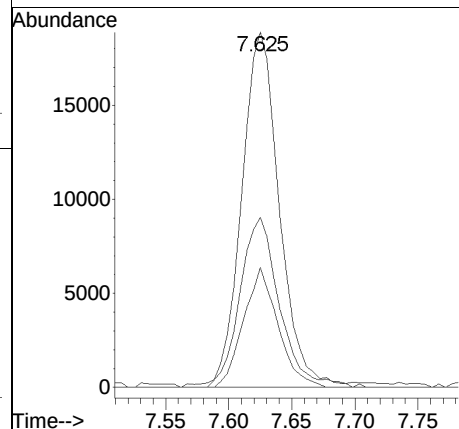
Tgt Ion:	88	Resp:	9046
Ion Ratio	Lower	Upper	
88	100		
58	56.5	59.9	89.9#
43	25.2	30.8	46.2#

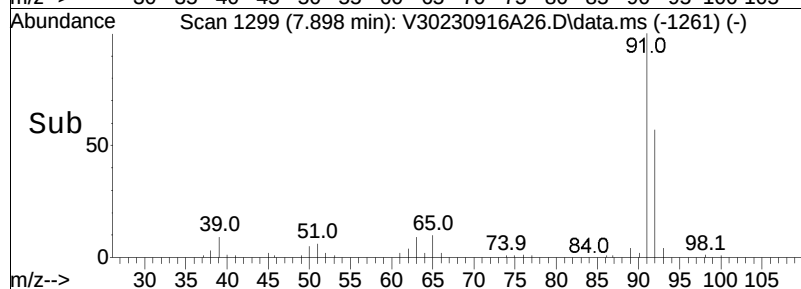
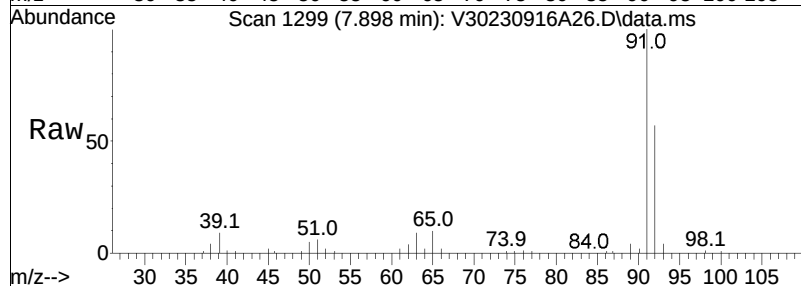
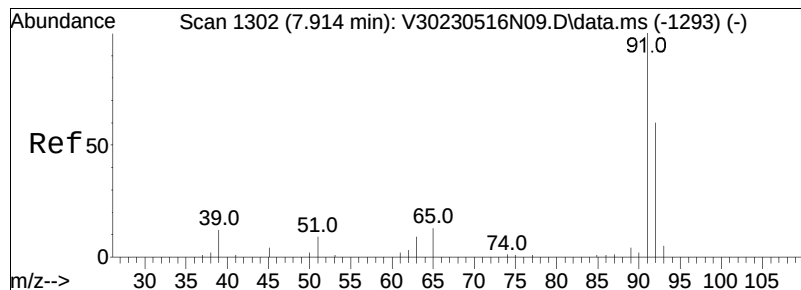




#62
 cis-1,3-Dichloropropene
 Concen: 9.63 ug/L
 RT: 7.625 min Scan# 1247
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

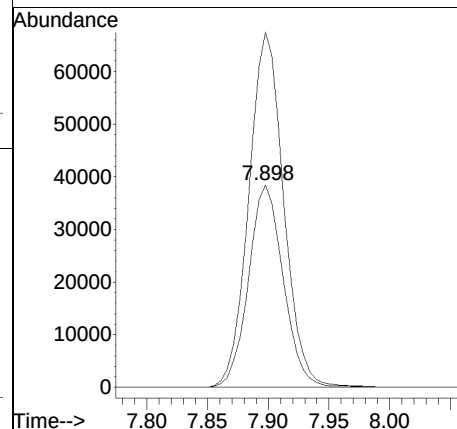
Tgt Ion:	75	Resp:	39166
Ion Ratio	Lower	Upper	
75	100		
77	31.0	25.4	38.2
39	50.8	54.6	82.0#

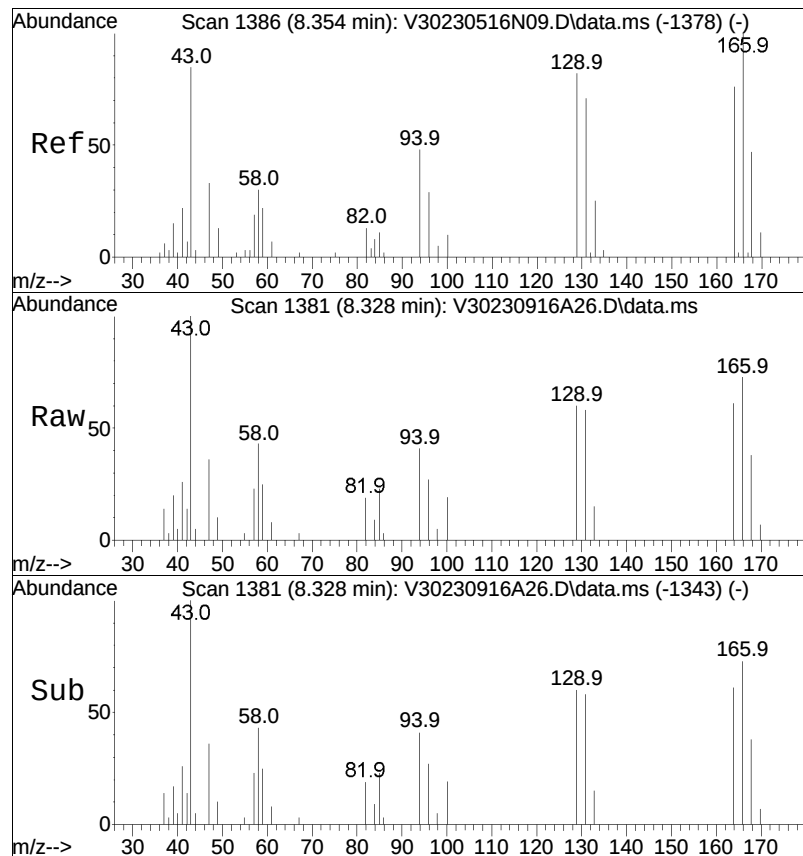




#65
Toluene
Concen: 10.95 ug/L
RT: 7.898 min Scan# 1299
Delta R.T. -0.000 min
Lab File: V30230916A26.D
Acq: 16 Sep 2023 10:06 pm

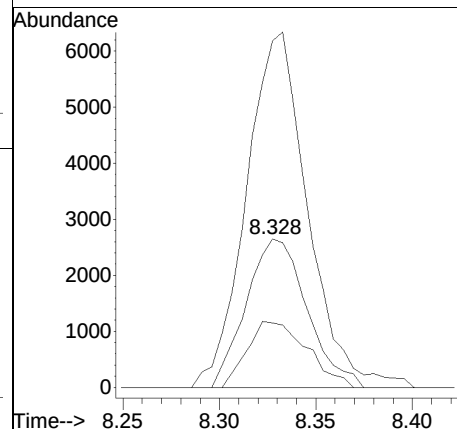
Tgt	Ion	Ratio	Lower	Upper
92	100			
91	175.7	137.5	206.3	

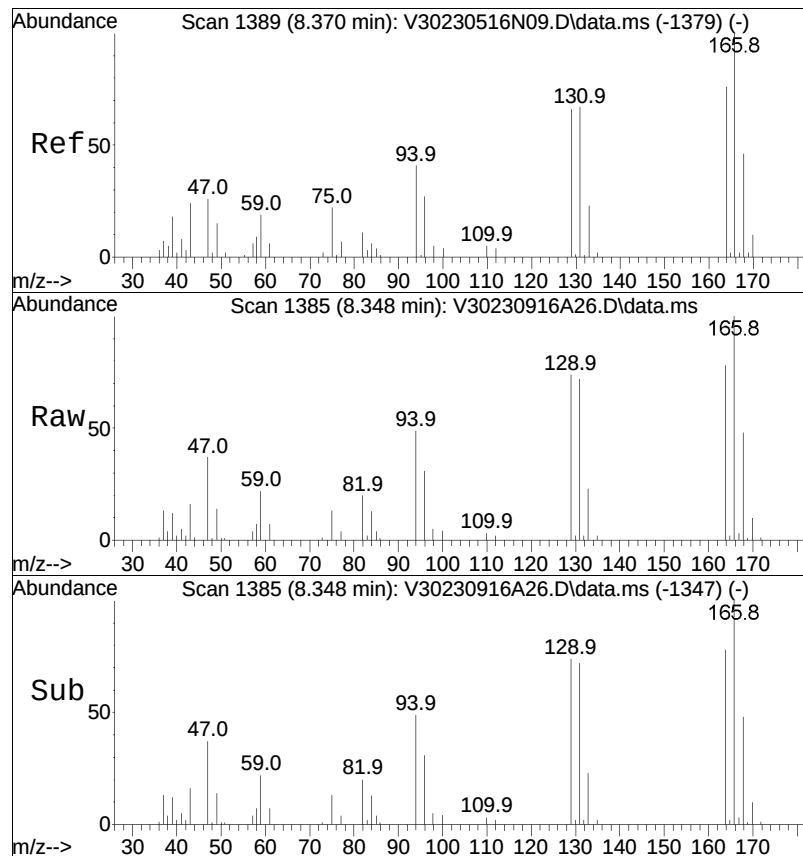




#66
 4-Methyl-2-pentanone
 Concen: 10.17 ug/L
 RT: 8.328 min Scan# 1381
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

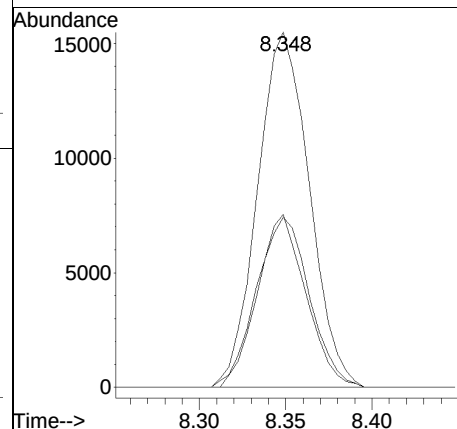
Tgt	Ion	Resp	Lower	Upper
58	100			
100	43.6	22.6	34.0#	
43	241.7	234.6	351.8	

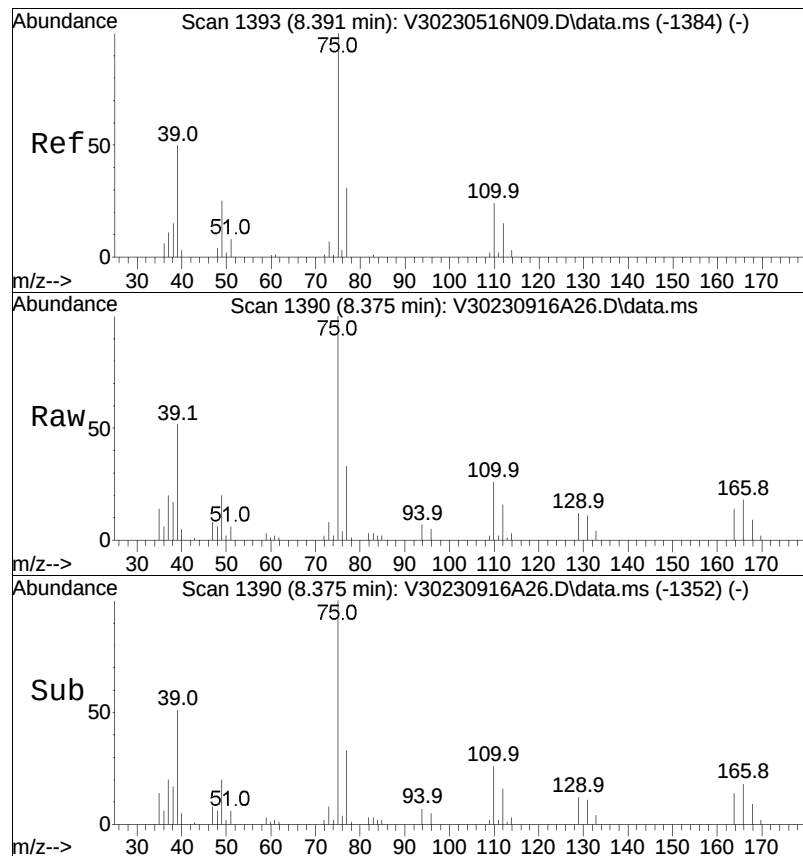




#67
Tetrachloroethene
Concen: 10.82 ug/L
RT: 8.348 min Scan# 1385
Delta R.T. -0.000 min
Lab File: V30230916A26.D
Acq: 16 Sep 2023 10:06 pm

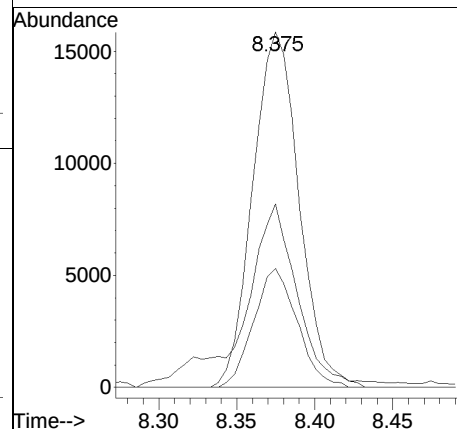
Tgt Ion:	166	Resp:	32320
Ion Ratio	Lower	Upper	
166	100		
168	47.8	38.6	58.0
94	46.6	42.6	63.8

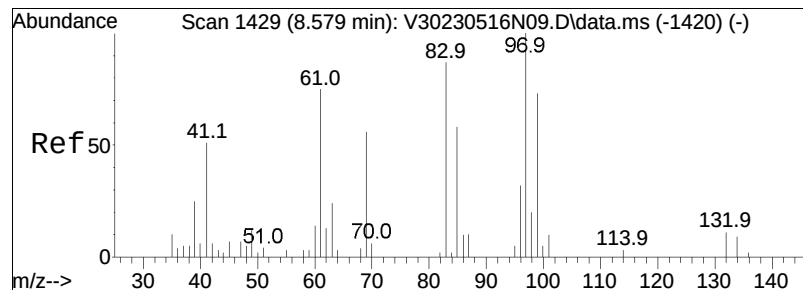




#69
trans-1,3-Dichloropropene
Concen: 9.62 ug/L
RT: 8.375 min Scan# 1390
Delta R.T. -0.000 min
Lab File: V30230916A26.D
Acq: 16 Sep 2023 10:06 pm

Tgt Ion:	75	Resp:	32699
Ion Ratio	Lower	Upper	
75	100		
77	31.6	25.6	38.4
39	61.0	60.2	90.4





#72

1,1,2-Trichloroethane

Concen: 10.18 ug/L

RT: 8.563 min Scan# 1426

Delta R.T. -0.000 min

Lab File: V30230916A26.D

Acq: 16 Sep 2023 10:06 pm

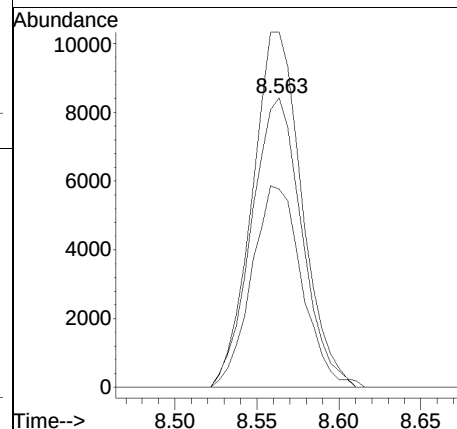
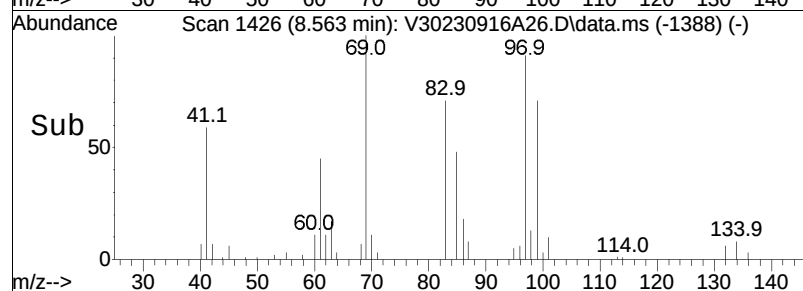
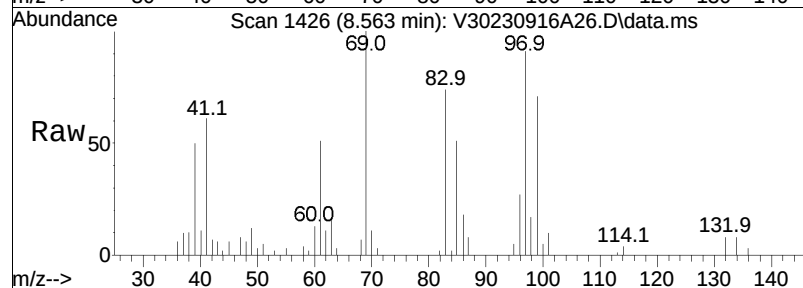
Tgt Ion: 83 Resp: 18050

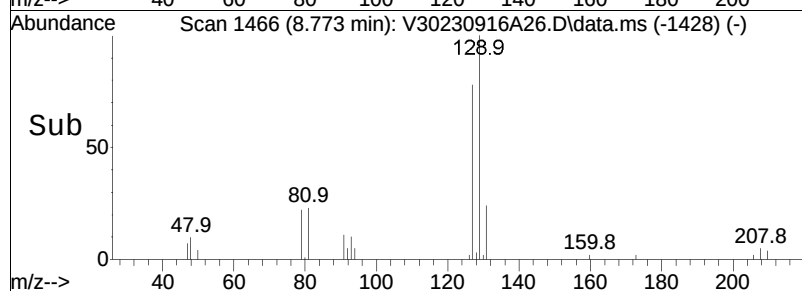
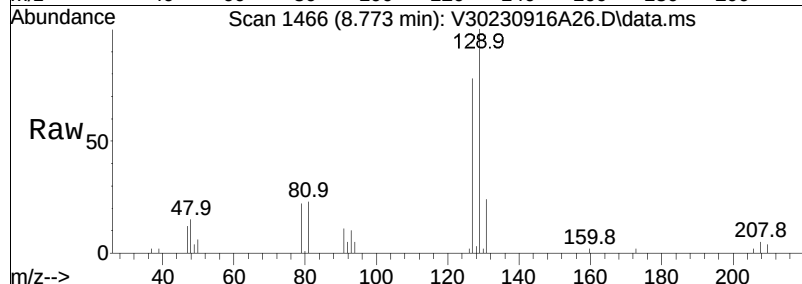
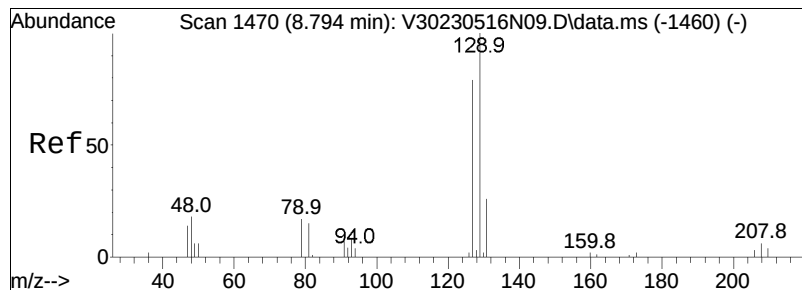
Ion Ratio Lower Upper

83 100

97 120.8 87.7 131.5

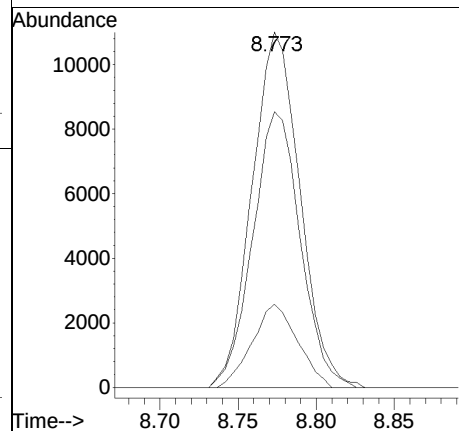
85 69.1 53.1 79.7

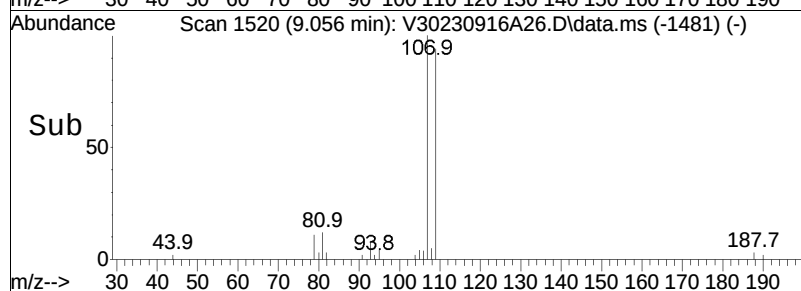
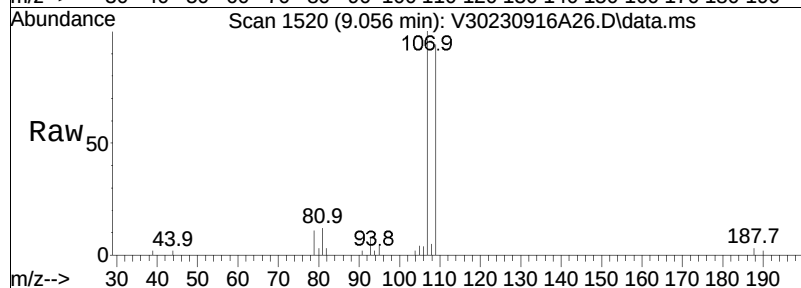
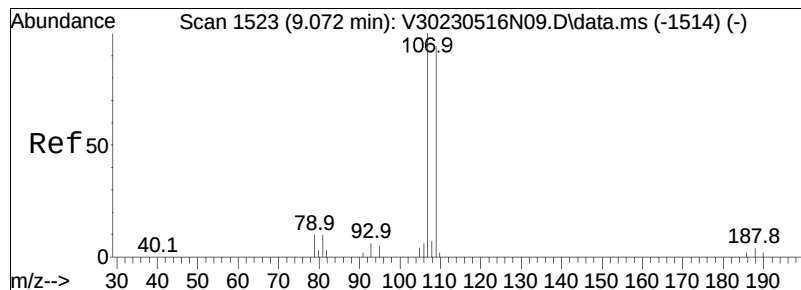




#73
 Chlorodibromomethane
 Concen: 9.27 ug/L
 RT: 8.773 min Scan# 1466
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

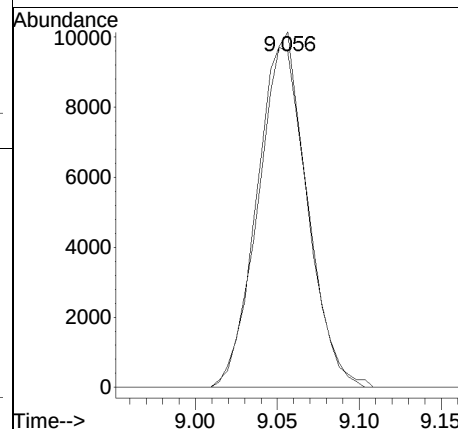
Tgt Ion	Ratio	Lower	Upper
129	100		
81	22.1	14.6	22.0#
127	77.1	62.6	93.8

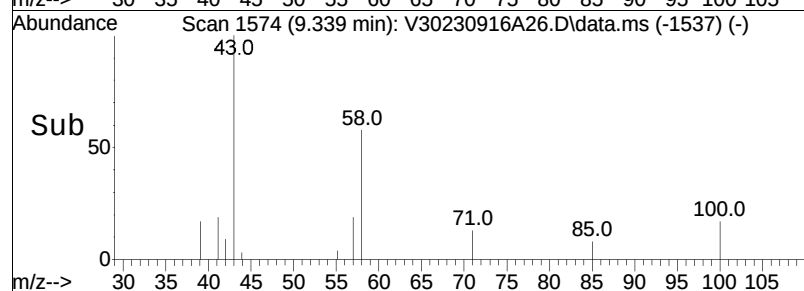
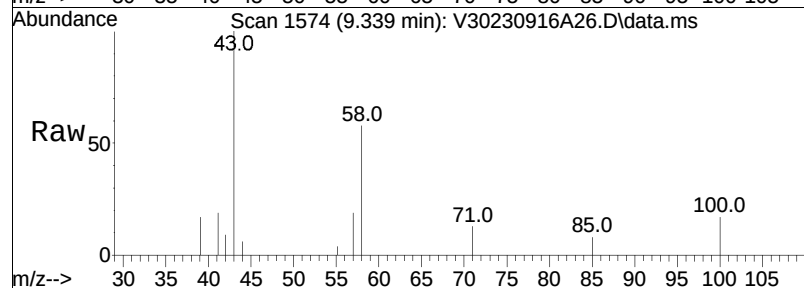
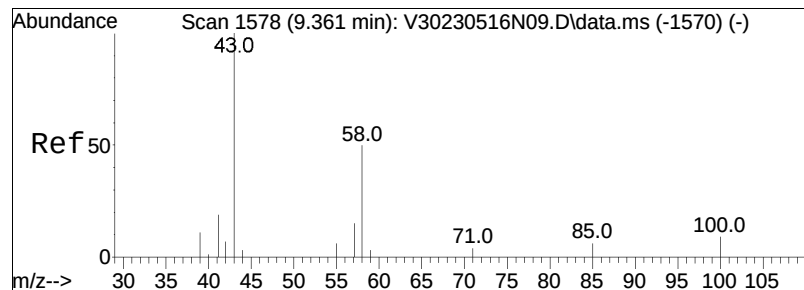




#75
 1,2-Dibromoethane
 Concen: 9.96 ug/L
 RT: 9.056 min Scan# 1520
 Delta R.T. 0.005 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.6	75.0	112.4





#77

2-Hexanone

Concen: 9.23 ug/L

RT: 9.339 min Scan# 1574

Delta R.T. -0.006 min

Lab File: V30230916A26.D

Acq: 16 Sep 2023 10:06 pm

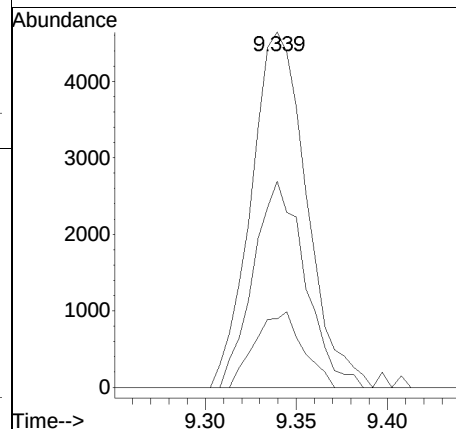
Tgt Ion: 43 Resp: 9867

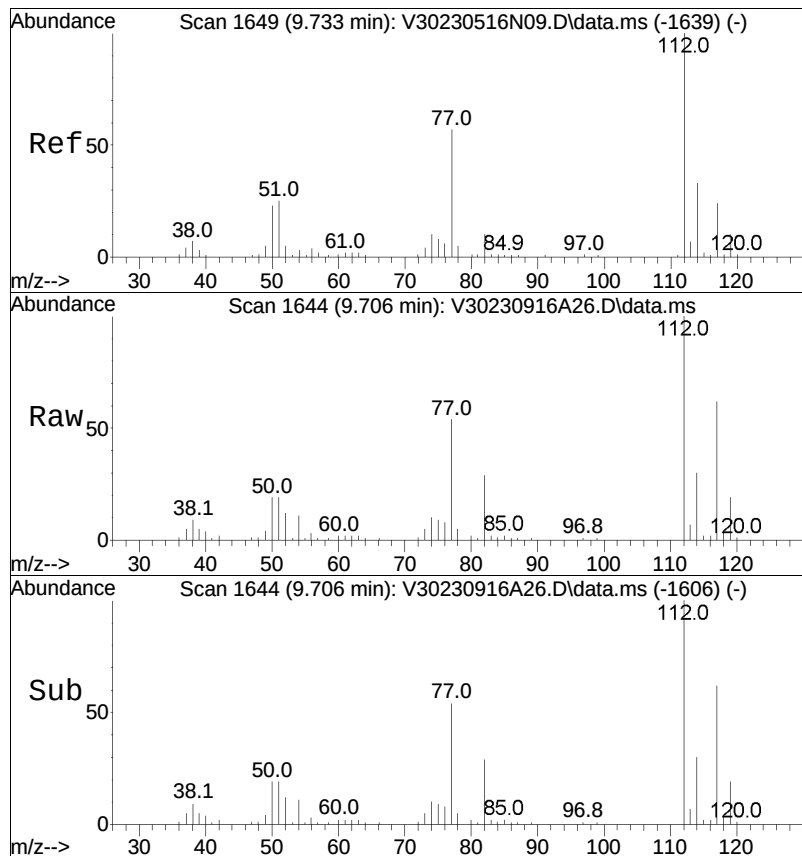
Ion Ratio Lower Upper

43 100

58 54.3 38.6 58.0

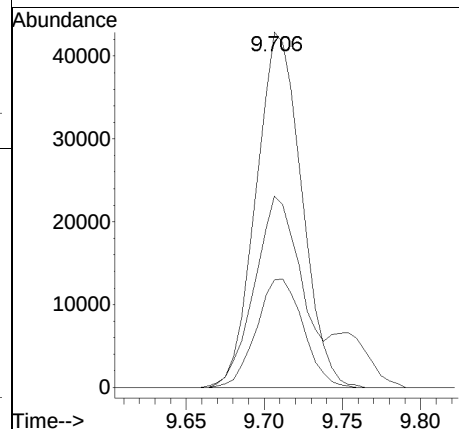
57 18.3 14.1 21.1

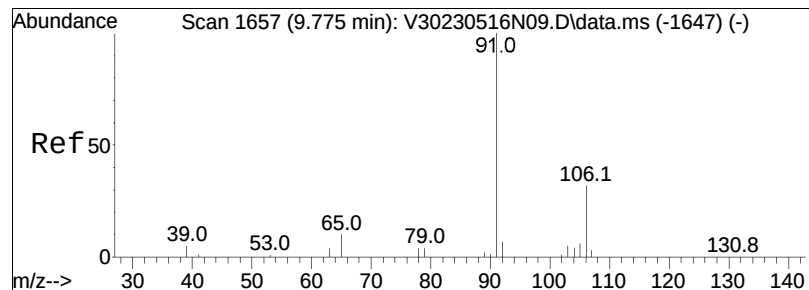




#78
 Chlorobenzene
 Concen: 10.82 ug/L
 RT: 9.706 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

Tgt Ion:	112	Resp:	86900
Ion Ratio	Lower	Upper	
112	100		
77	56.0	54.8	82.2
114	31.3	25.4	38.0





#79

Ethylbenzene

Concen: 11.21 ug/L

RT: 9.754 min Scan# 1653

Delta R.T. -0.000 min

Lab File: V30230916A26.D

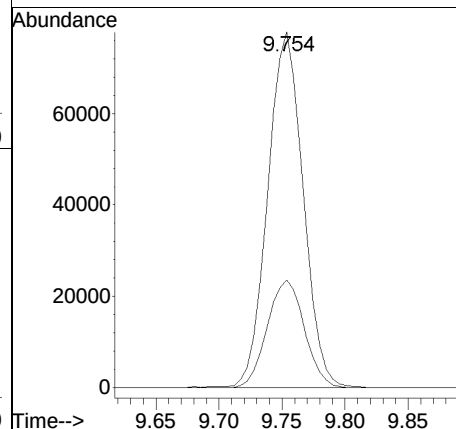
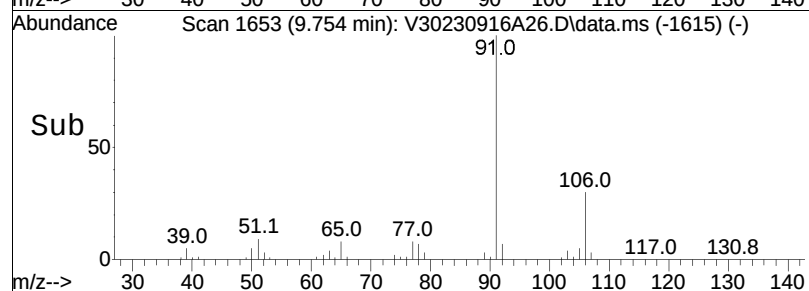
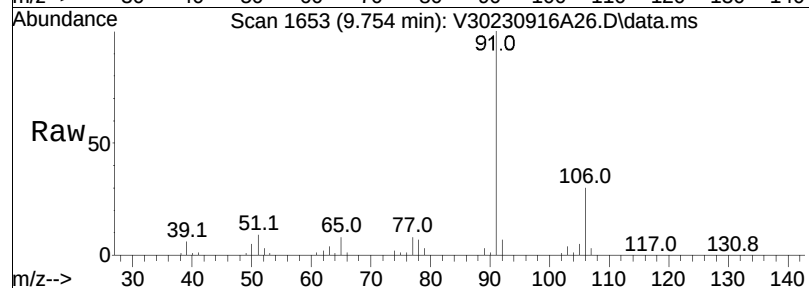
Acq: 16 Sep 2023 10:06 pm

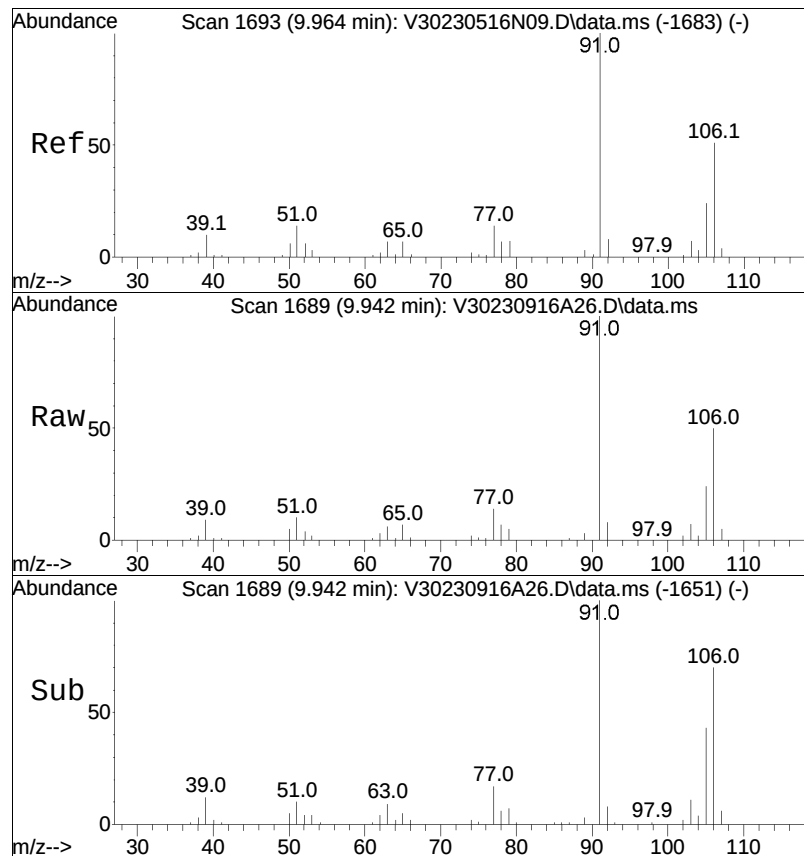
Tgt Ion: 91 Resp: 151828

Ion Ratio Lower Upper

91 100

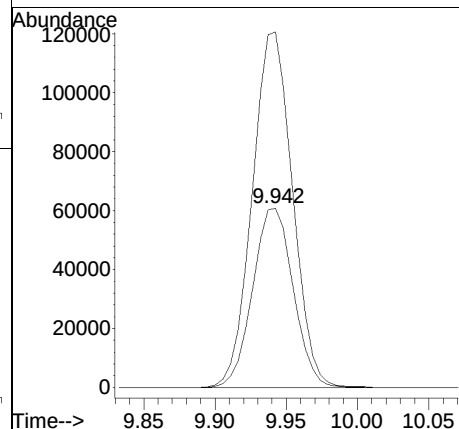
106 31.5 23.4 35.2

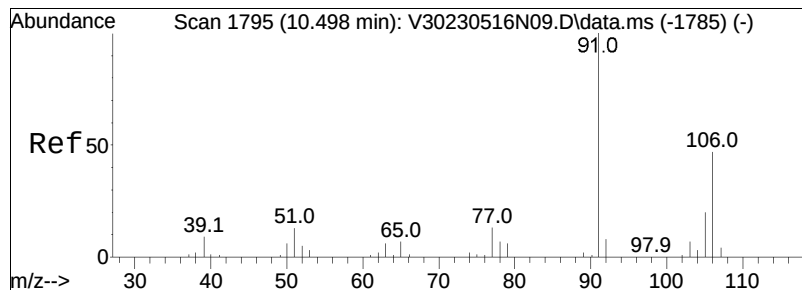




#81
 p/m Xylene
 Concen: 21.26 ug/L
 RT: 9.942 min Scan# 1689
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.7	171.4	257.2





#82

o Xylene

Concen: 20.41 ug/L

RT: 10.472 min Scan# 1790

Delta R.T. -0.000 min

Lab File: V30230916A26.D

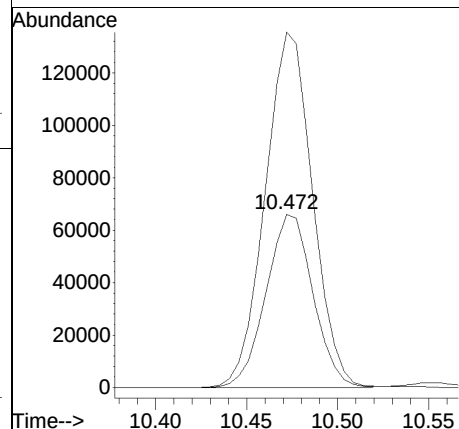
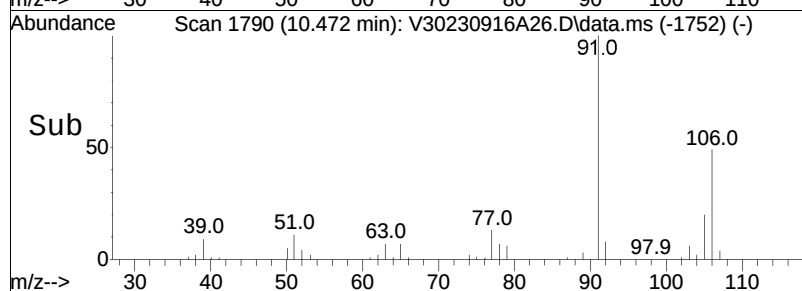
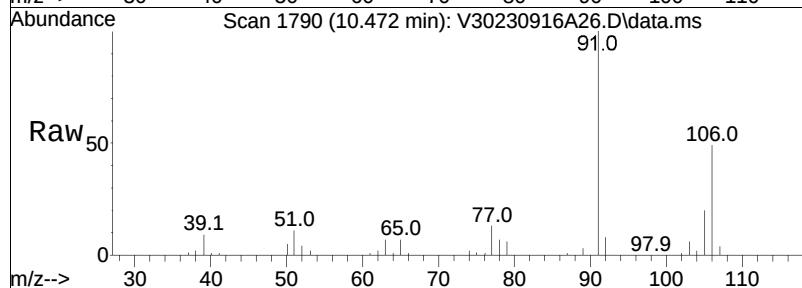
Acq: 16 Sep 2023 10:06 pm

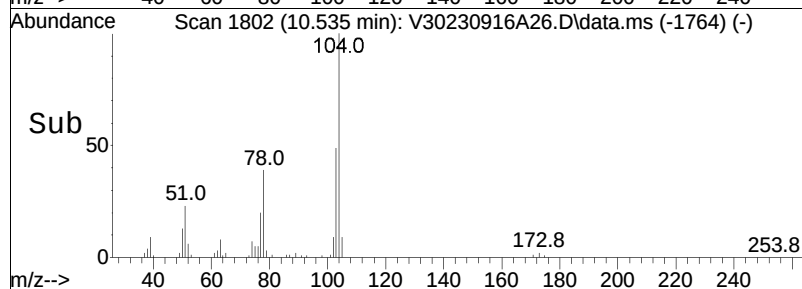
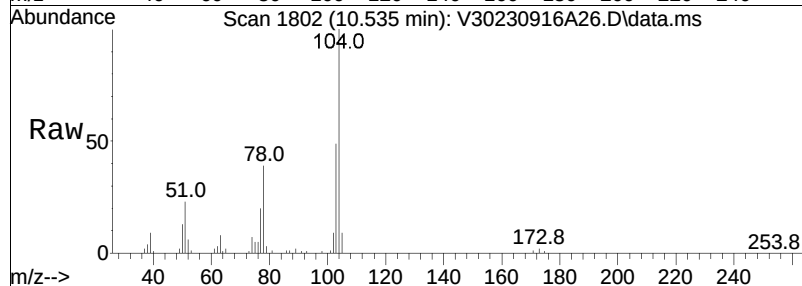
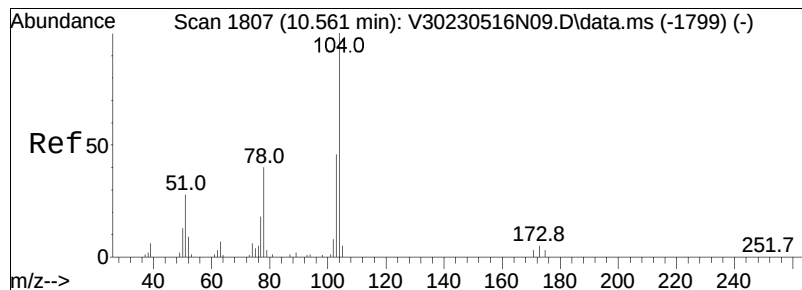
Tgt Ion:106 Resp: 118148

Ion Ratio Lower Upper

106 100

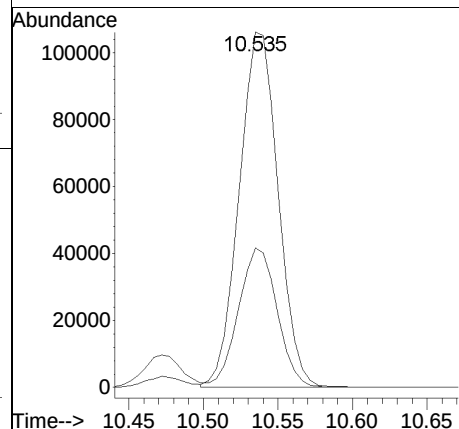
91 207.2 179.2 268.8

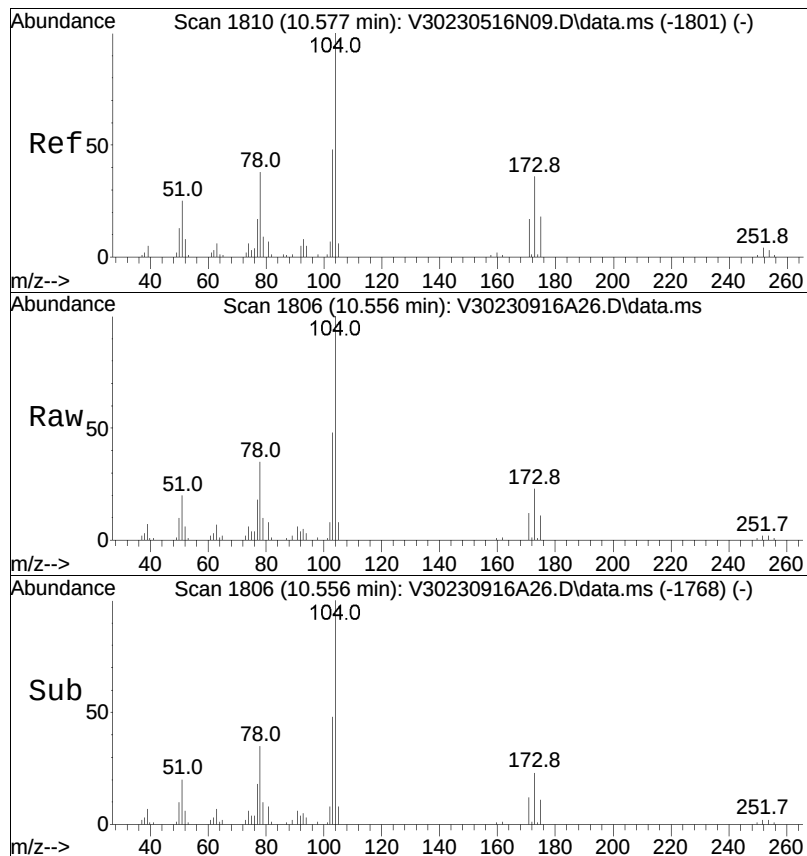




#83
 Styrene
 Concen: 20.11 ug/L
 RT: 10.535 min Scan# 1802
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

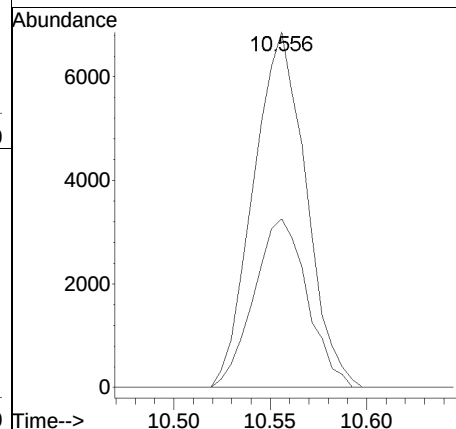
Tgt Ion	Ratio	Lower	Upper
104	100		
78	38.8	38.1	57.1

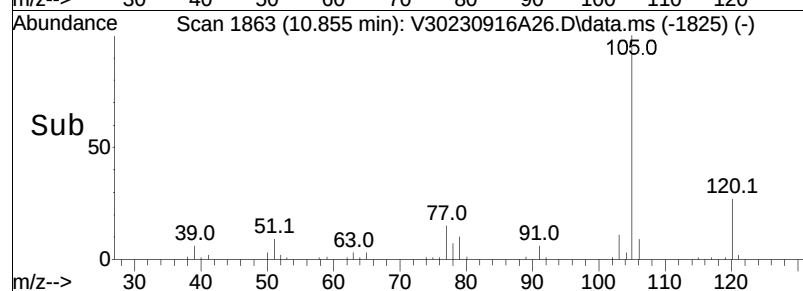
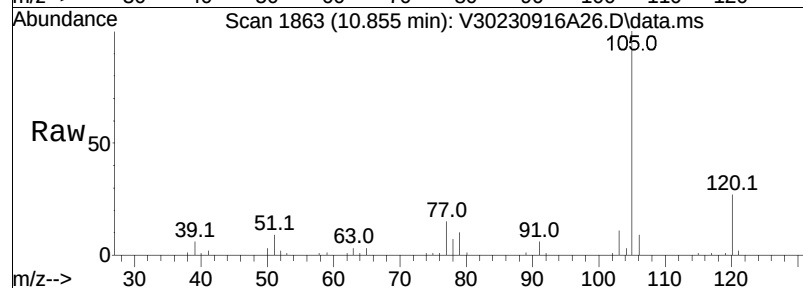
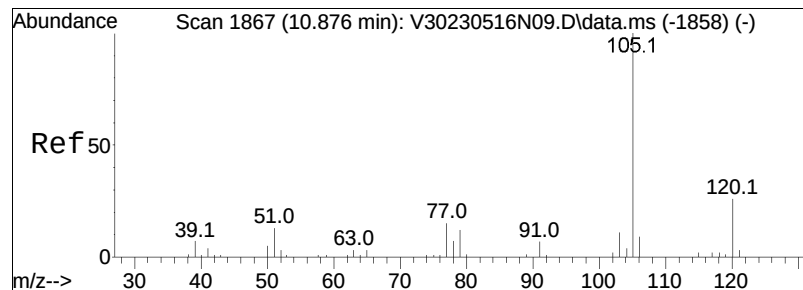




#85
 Bromoform
 Concen: 8.00 ug/L
 RT: 10.556 min Scan# 1806
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	37.8	56.6





#87

Isopropylbenzene

Concen: 11.19 ug/L

RT: 10.855 min Scan# 1863

Delta R.T. -0.000 min

Lab File: V30230916A26.D

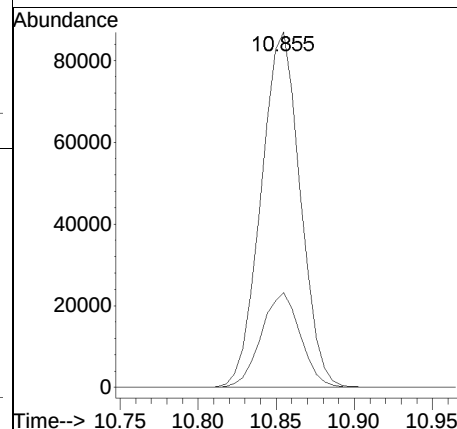
Acq: 16 Sep 2023 10:06 pm

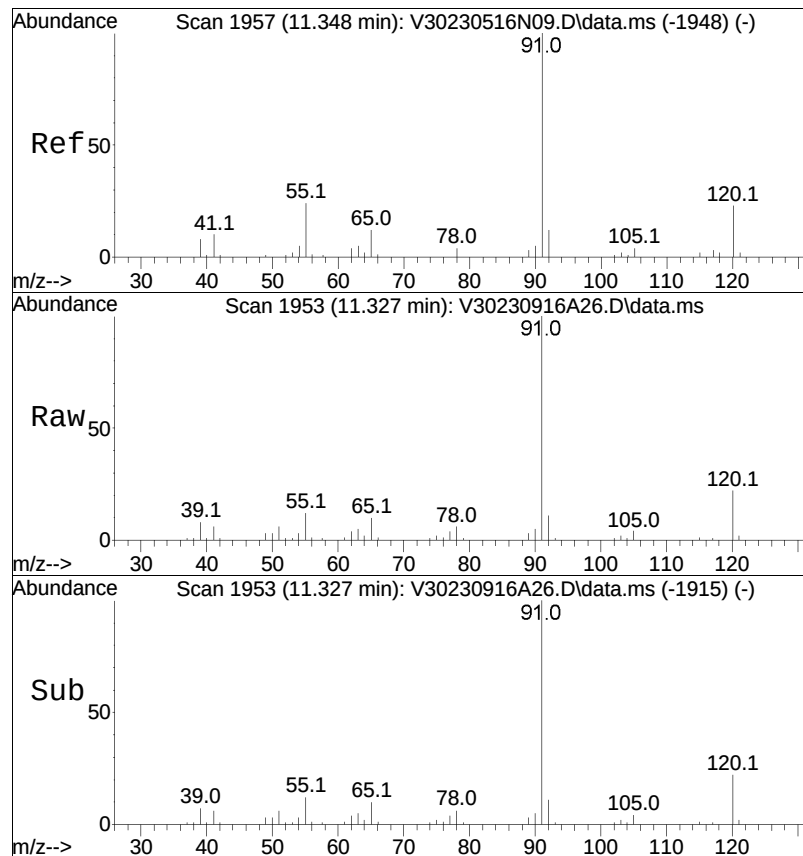
Tgt Ion:105 Resp: 151644

Ion Ratio Lower Upper

105 100

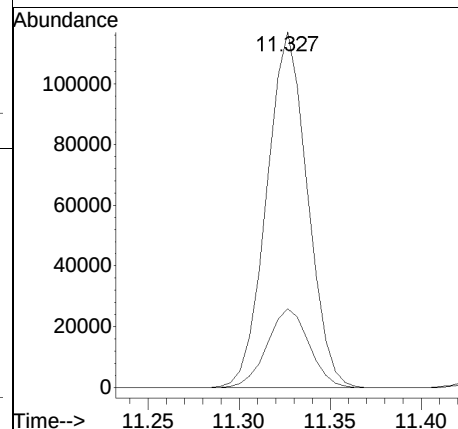
120 26.6 20.0 30.0

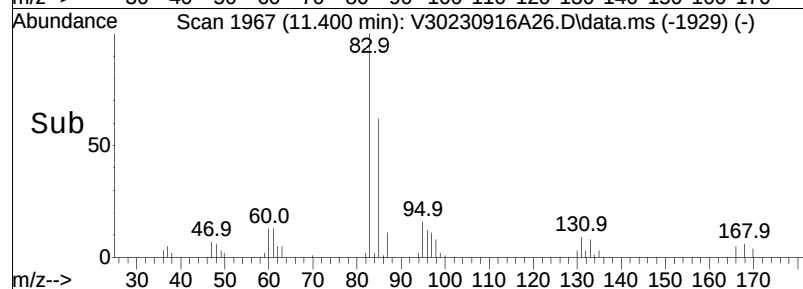
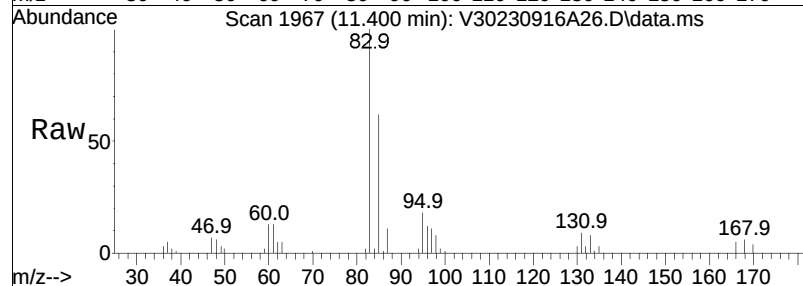
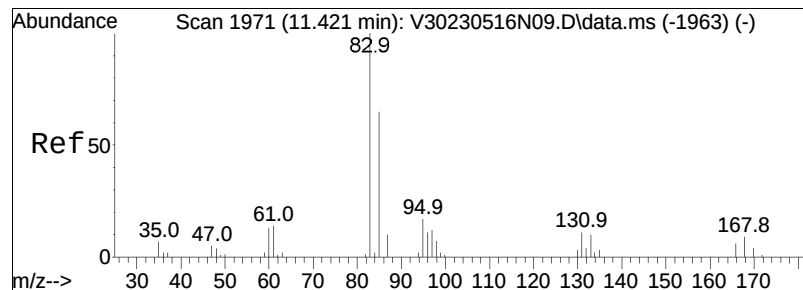




#90
 n-Propylbenzene
 Concen: 11.35 ug/L
 RT: 11.327 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	16.3	24.5





#92

1,1,2,2-Tetrachloroethane

Concen: 11.30 ug/L

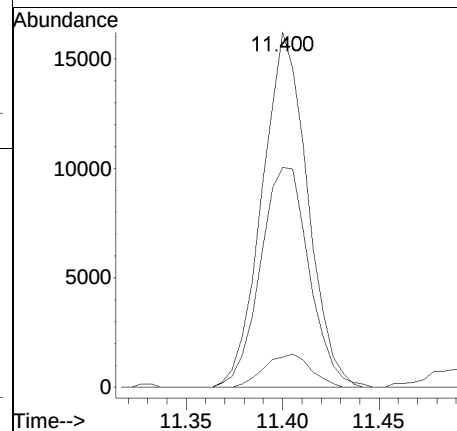
RT: 11.400 min Scan# 1967

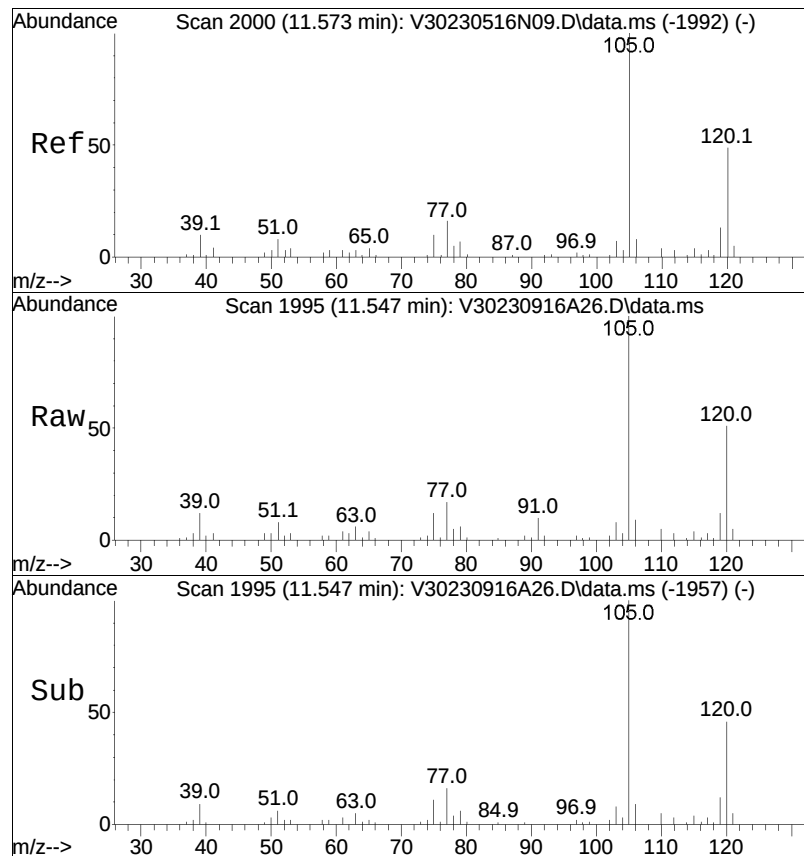
Delta R.T. -0.000 min

Lab File: V30230916A26.D

Acq: 16 Sep 2023 10:06 pm

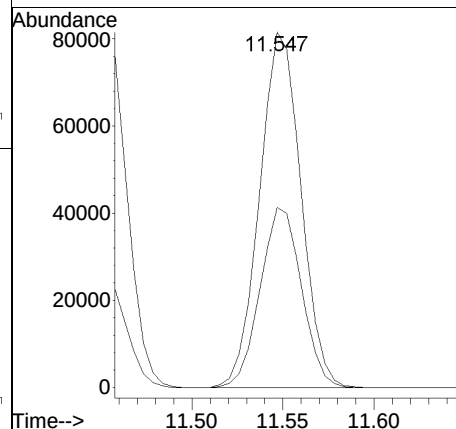
Tgt Ion:	83	Resp:	26531
Ion Ratio	Lower	Upper	
83	100		
131	9.7	6.6	10.0
85	66.9	51.8	77.6

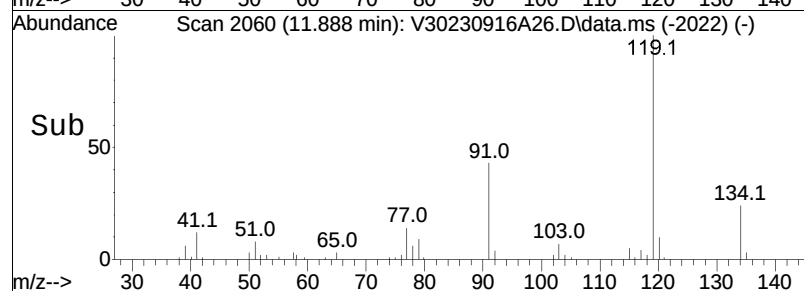
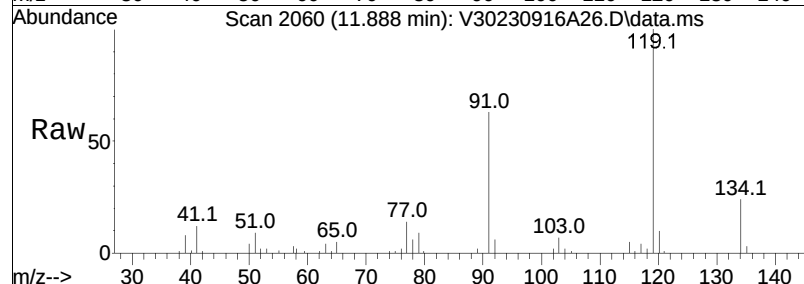
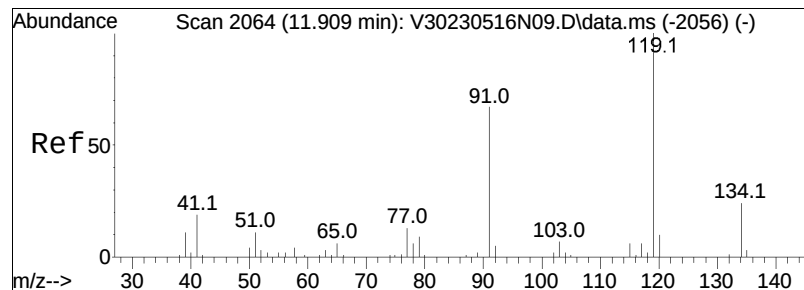




#95
 1,3,5-Trimethylbenzene
 Concen: 10.62 ug/L
 RT: 11.547 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

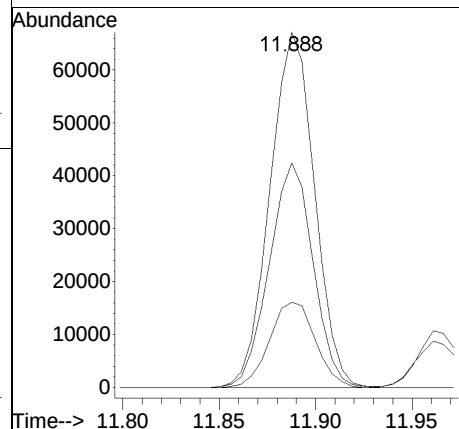
Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.5	37.8	56.6

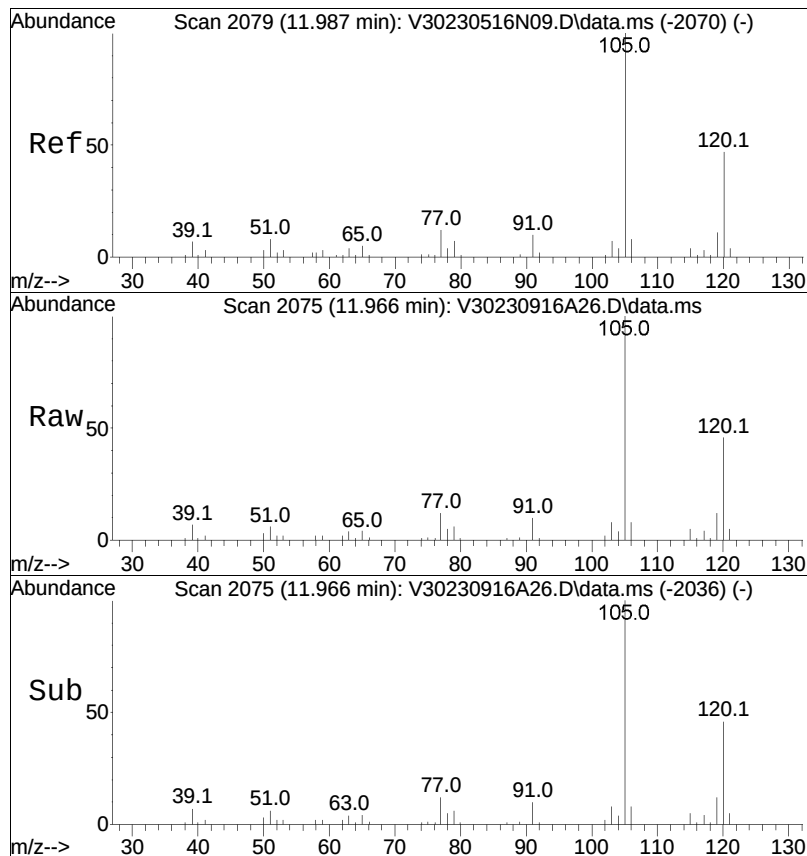




#99
 tert-Butylbenzene
 Concen: 10.91 ug/L
 RT: 11.888 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

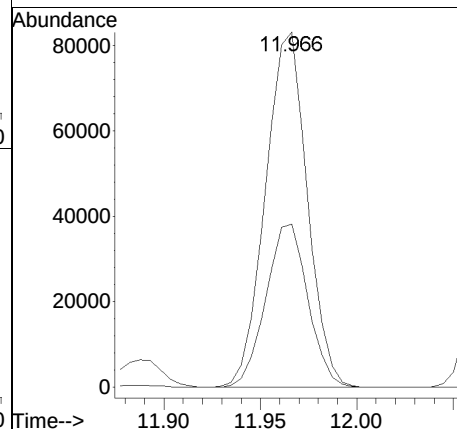
Tgt	Ion	Ratio	Lower	Upper
119	100			
91	62.4	58.8	88.2	
134	24.7	18.6	27.8	

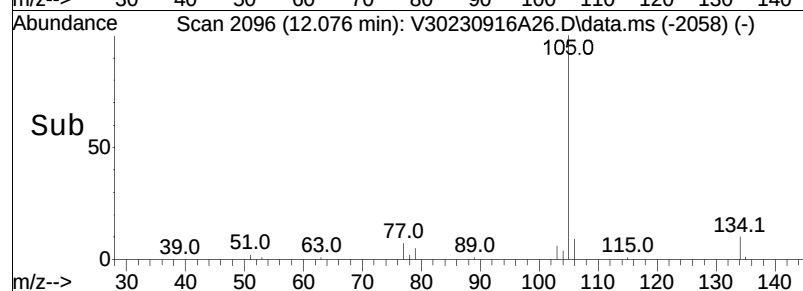
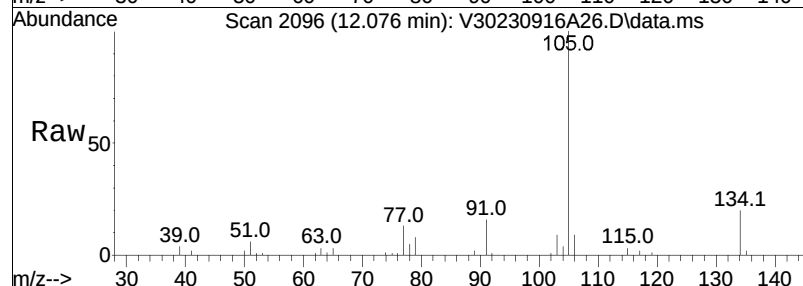
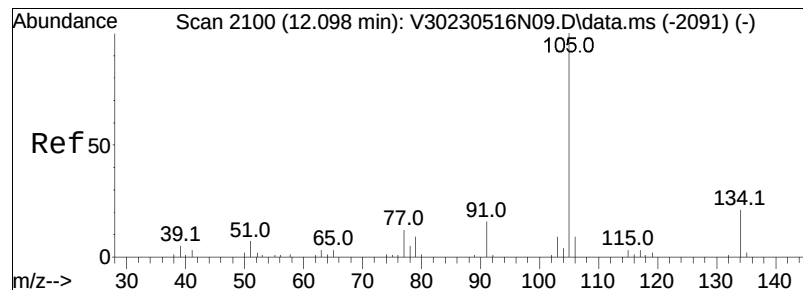




#102
 1,2,4-Trimethylbenzene
 Concen: 10.41 ug/L
 RT: 11.966 min Scan# 2075
 Delta R.T. 0.005 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

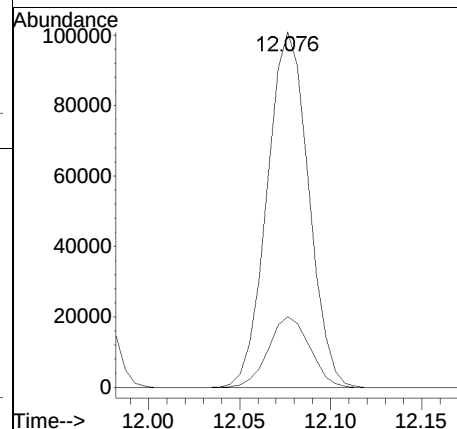
Tgt Ion	105	120	Ratio	Lower	Upper
105	100				
120	46.2		35.2	52.8	

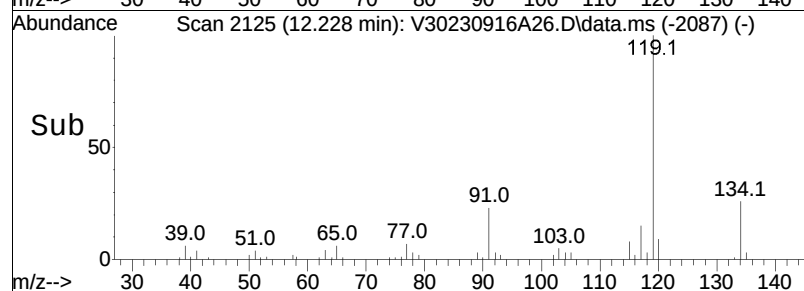
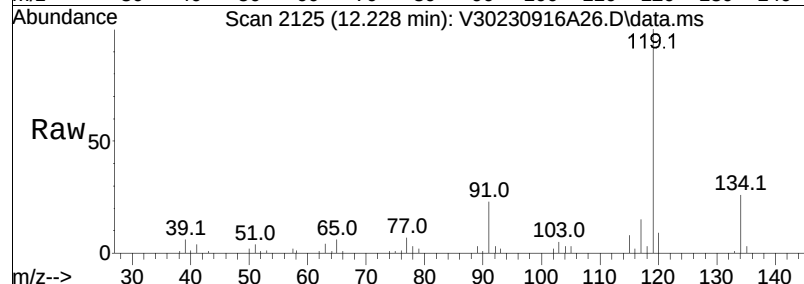
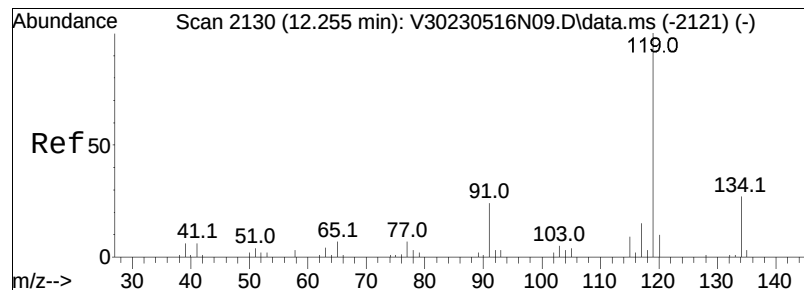




#103
 sec-Butylbenzene
 Concen: 10.95 ug/L
 RT: 12.076 min Scan# 2096
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

Tgt	Ion	Ratio	Lower	Upper
105	100			
134	19.8	11.4	23.6	





#104

p-Isopropyltoluene

Concen: 10.58 ug/L

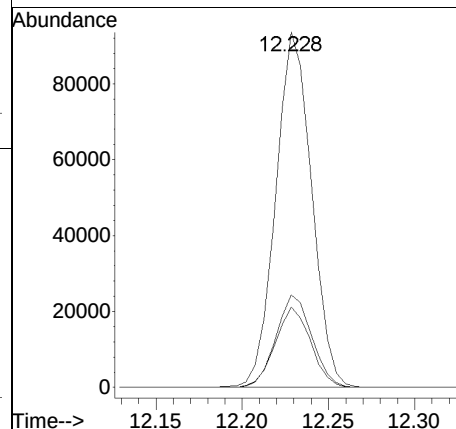
RT: 12.228 min Scan# 2125

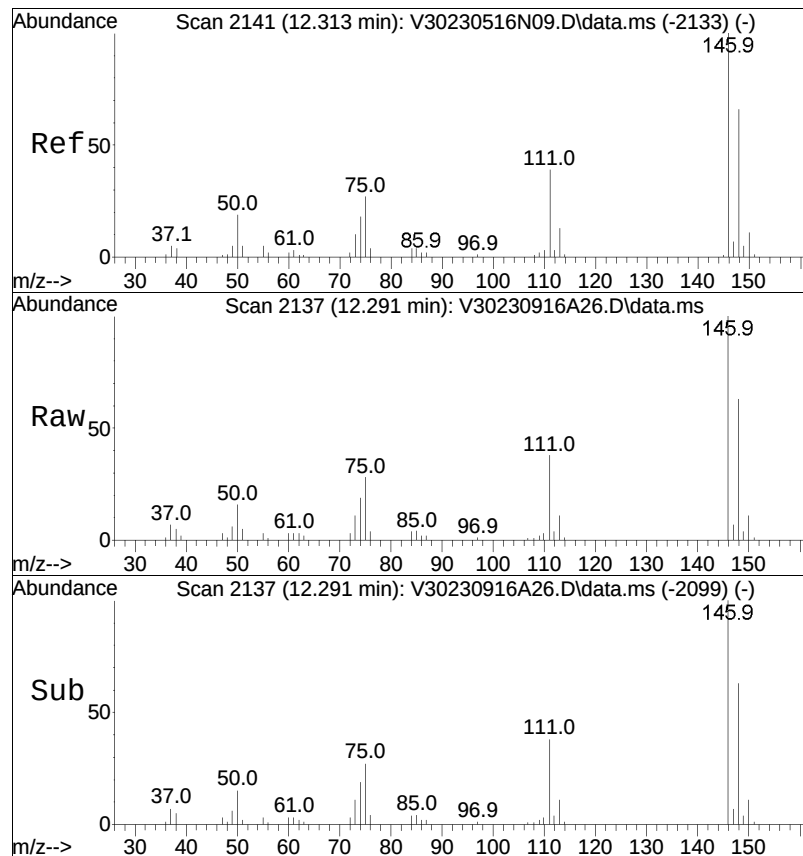
Delta R.T. -0.000 min

Lab File: V30230916A26.D

Acq: 16 Sep 2023 10:06 pm

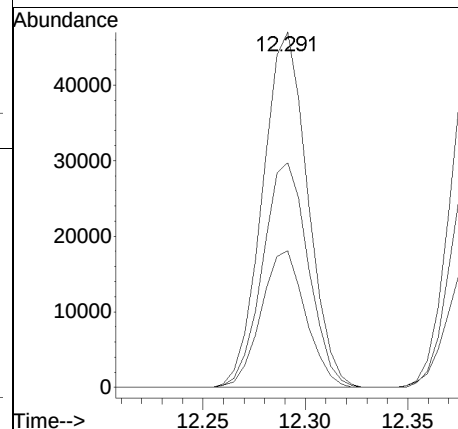
Tgt Ion:	119	Resp:	135302
Ion Ratio	Lower	Upper	
119	100		
134	26.0	15.9	33.1
91	22.4	16.6	34.4

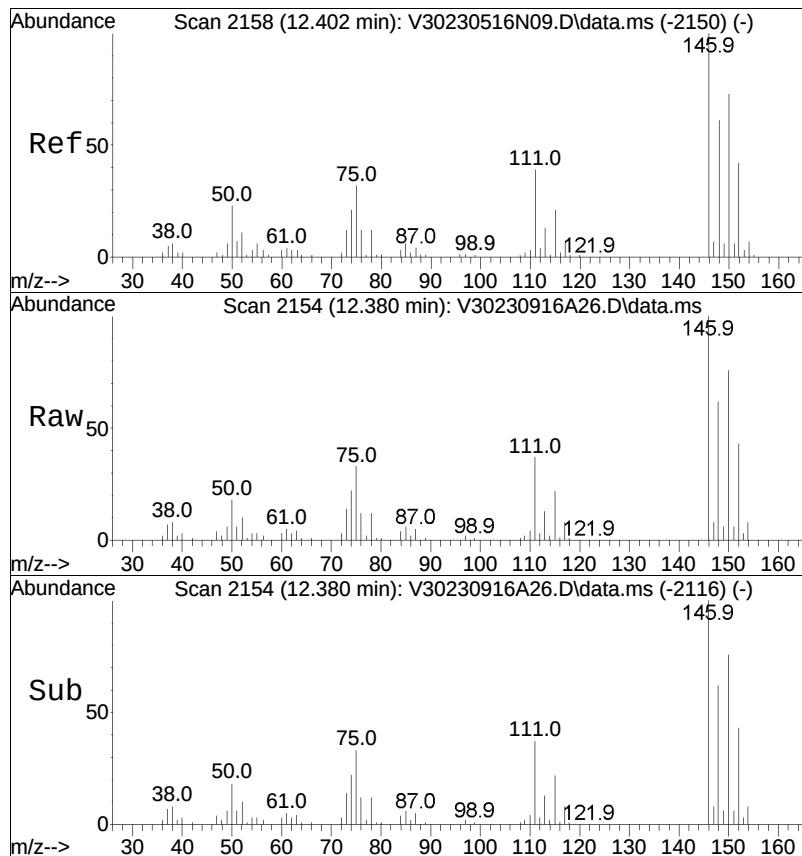




#105
 1,3-Dichlorobenzene
 Concen: 10.31 ug/L
 RT: 12.291 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

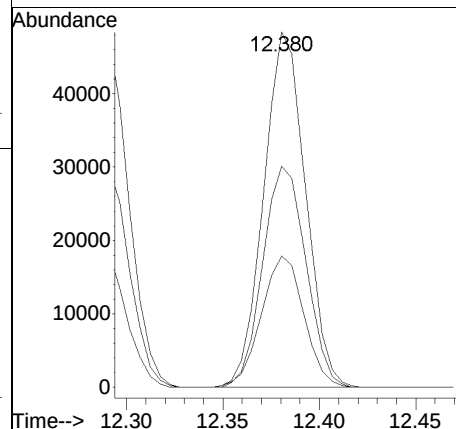
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	28.0	58.1
148	63.9	40.8	84.6

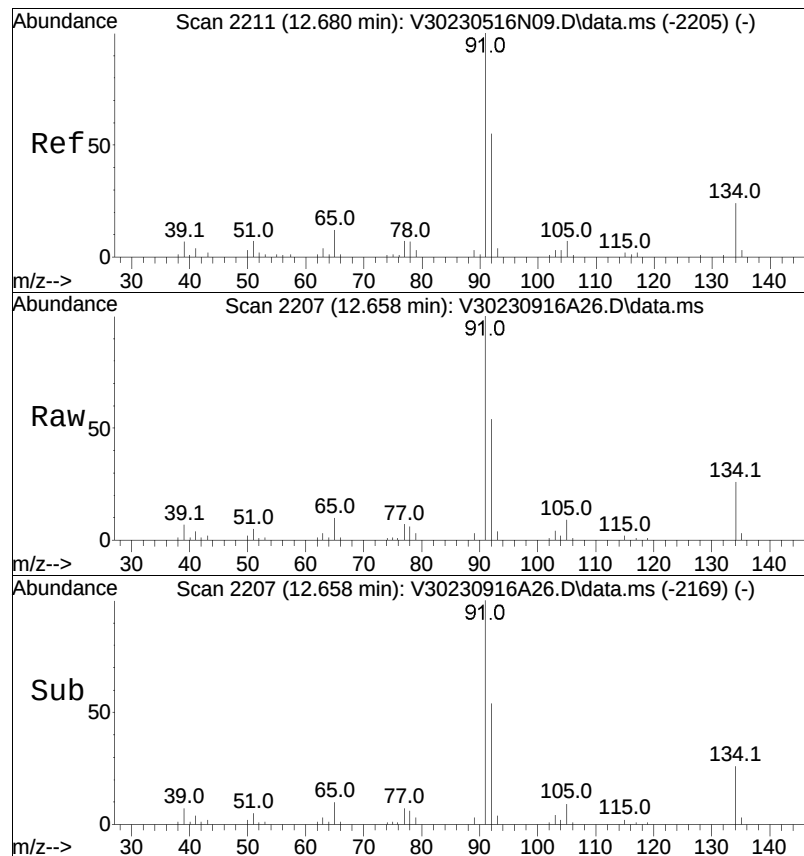




#106
 1,4-Dichlorobenzene
 Concen: 10.25 ug/L
 RT: 12.380 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

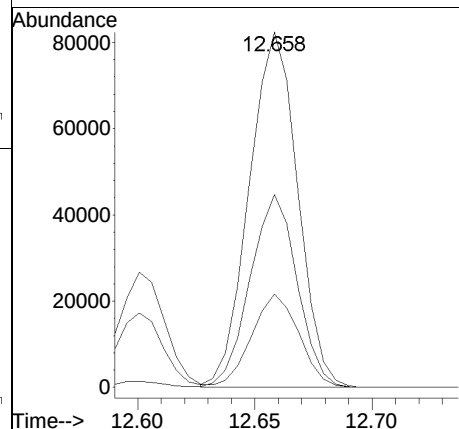
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	33.7	50.5
148	64.2	50.8	76.2

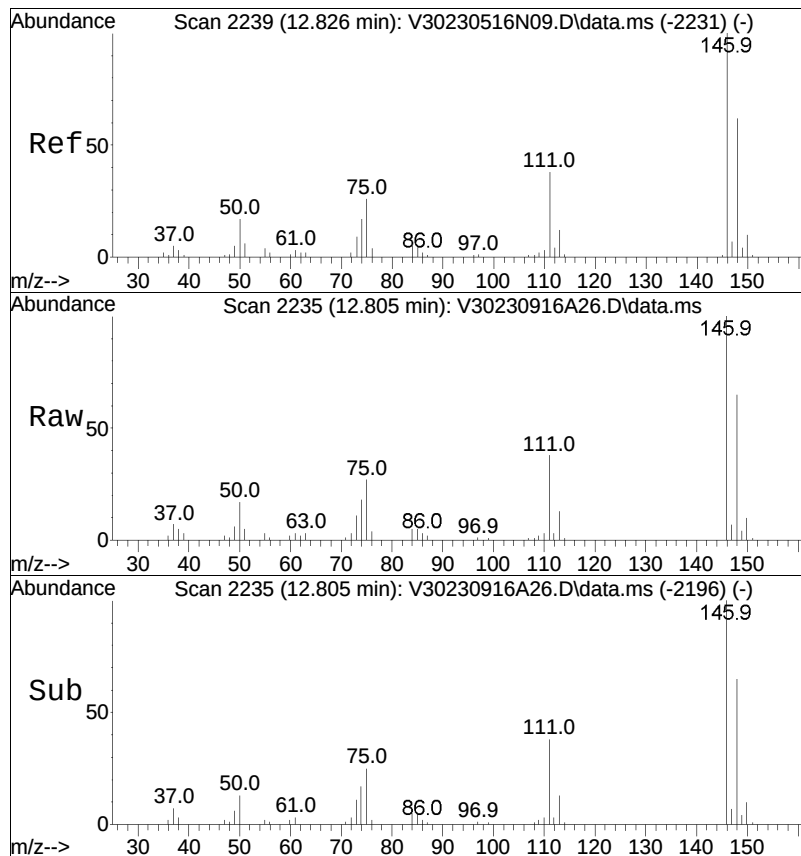




#108
 n-Butylbenzene
 Concen: 10.90 ug/L
 RT: 12.658 min Scan# 2207
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

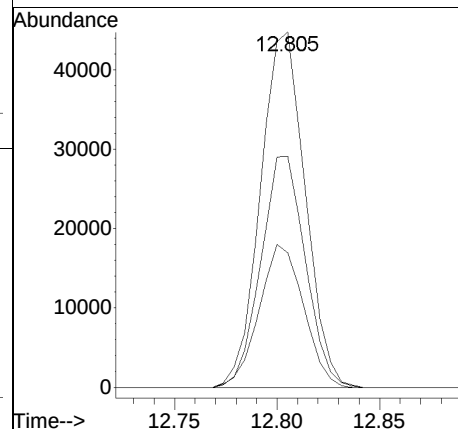
Tgt Ion:	91	Resp:	118601
Ion Ratio	Lower	Upper	
91	100		
92	52.6	44.2	66.4
134	25.6	17.8	26.6

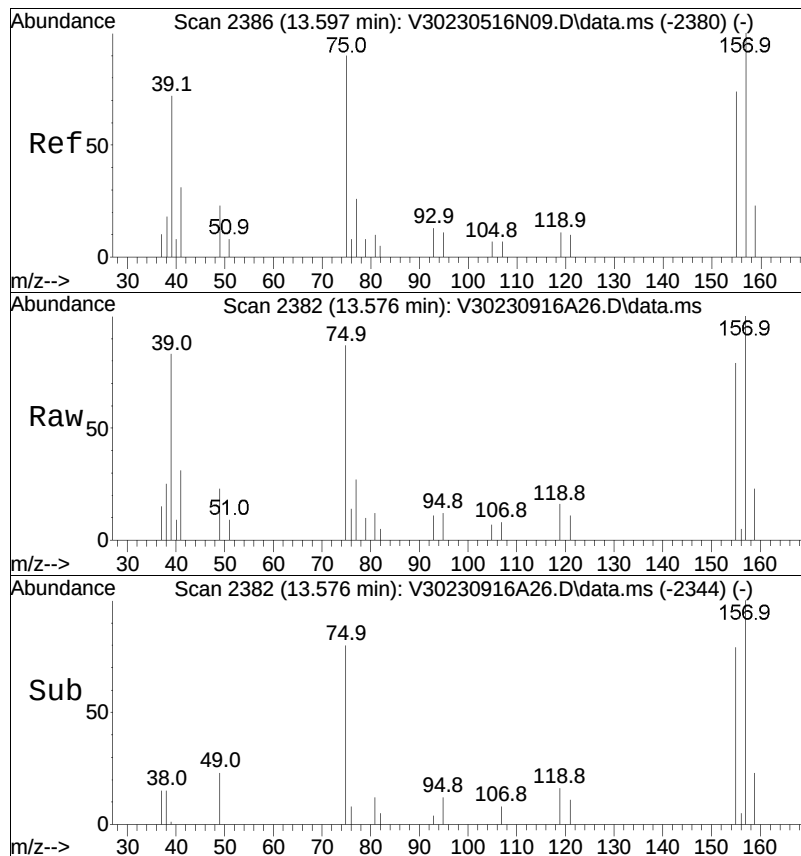




#109
 1,2-Dichlorobenzene
 Concen: 10.17 ug/L
 RT: 12.805 min Scan# 2235
 Delta R.T. 0.005 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

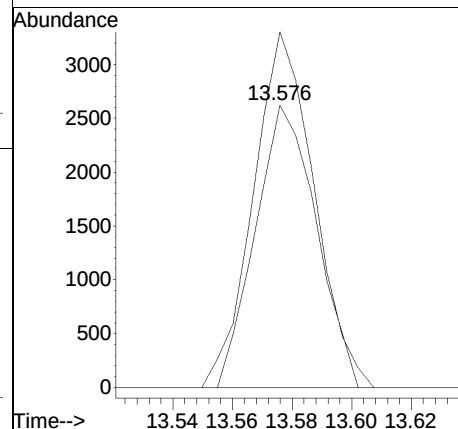
Tgt Ion:	146	Resp:	67897
Ion Ratio	Lower	Upper	
146	100		
111	40.1	29.5	61.3
148	64.7	41.3	85.9

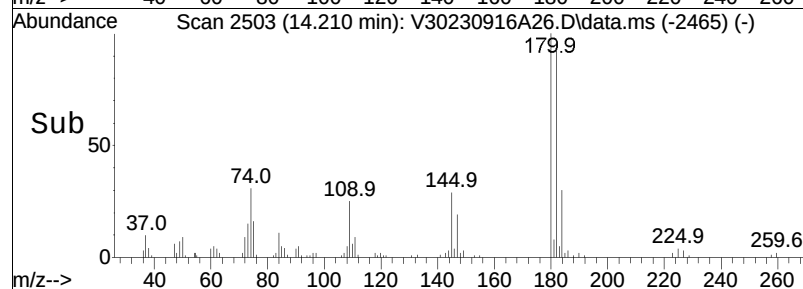
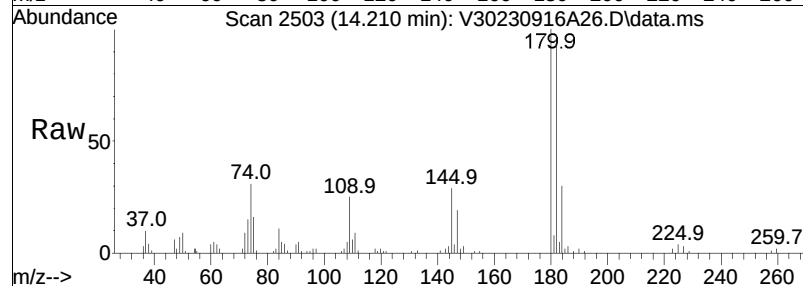
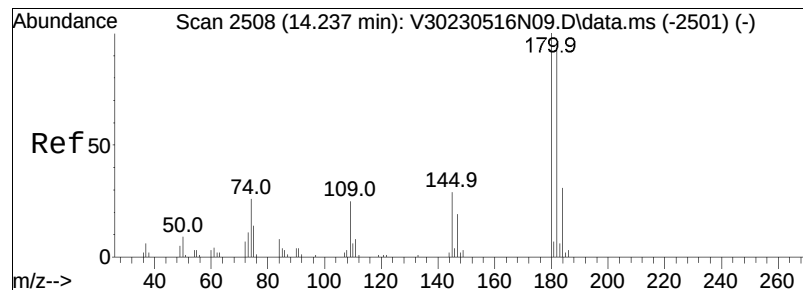




#111
 1,2-Dibromo-3-chloropropane
 Concen: 9.20 ug/L
 RT: 13.576 min Scan# 2382
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

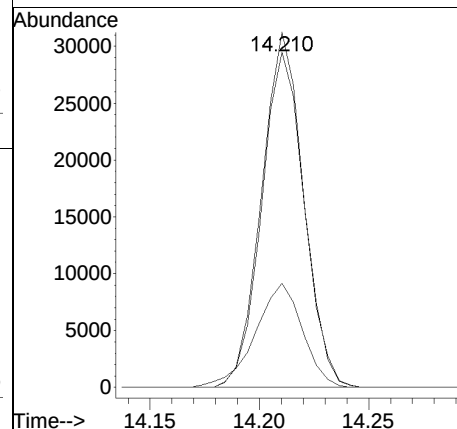
Tgt Ion	Ratio	Lower	Upper
155	100		
157	125.8	105.1	157.7

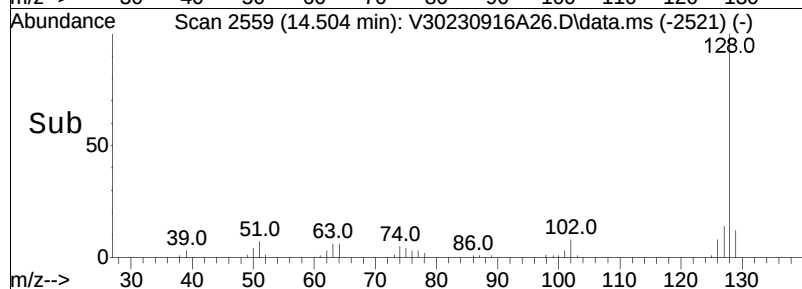
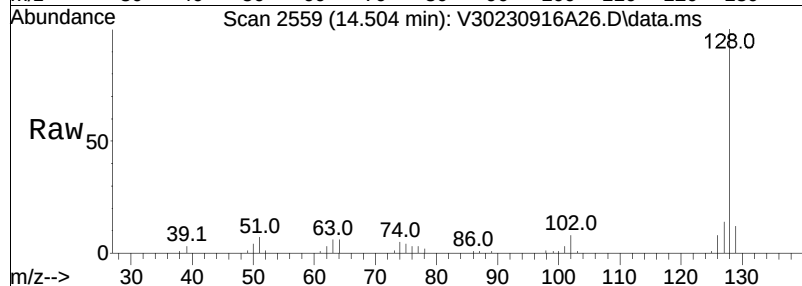
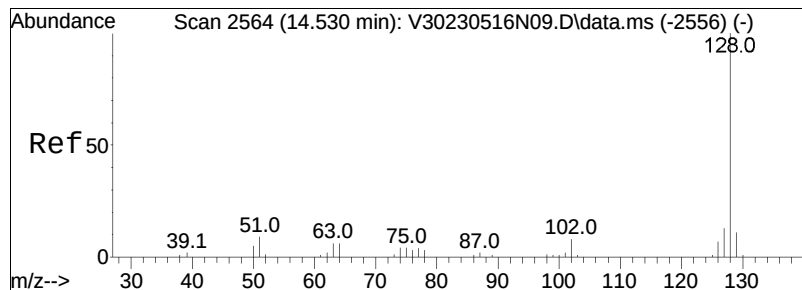




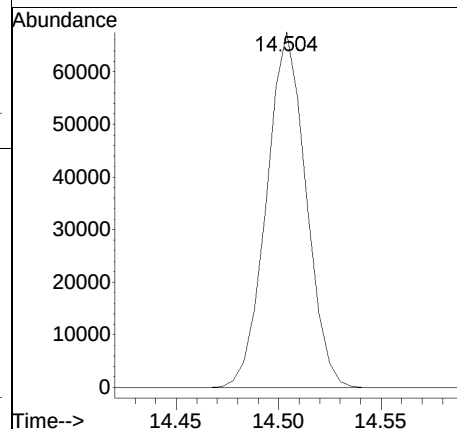
#114
 1,2,4-Trichlorobenzene
 Concen: 9.97 ug/L
 RT: 14.210 min Scan# 2503
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

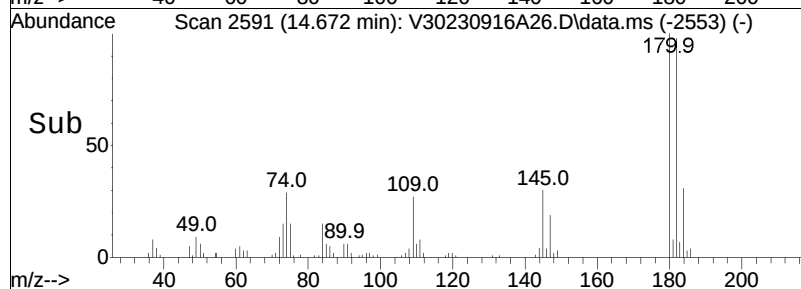
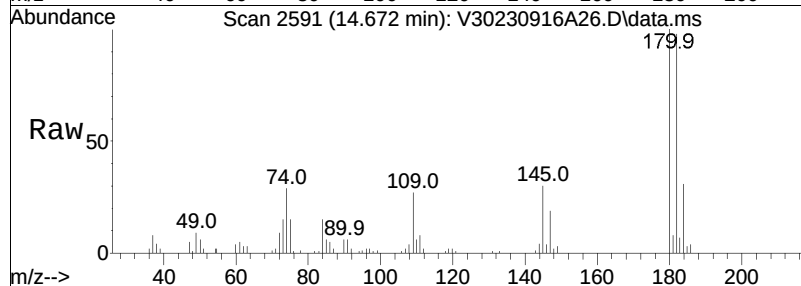
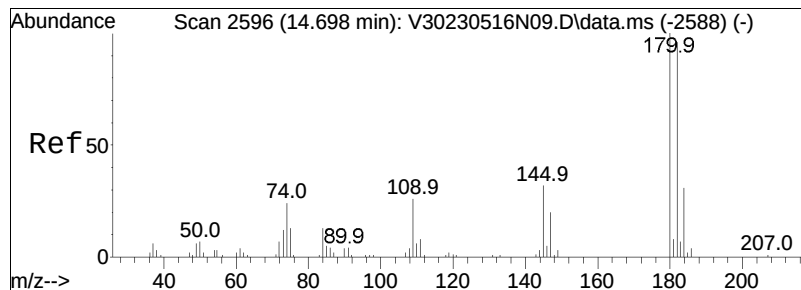
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.7	113.5
145	33.0	27.4	41.2





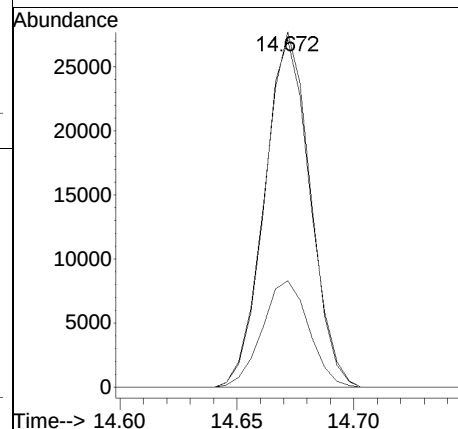
#115
 Naphthalene
 Concen: 9.84 ug/L
 RT: 14.504 min Scan# 2559
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm
 Tgt Ion:128 Resp: 90362





#116
 1,2,3-Trichlorobenzene
 Concen: 9.69 ug/L
 RT: 14.672 min Scan# 2591
 Delta R.T. -0.000 min
 Lab File: V30230916A26.D
 Acq: 16 Sep 2023 10:06 pm

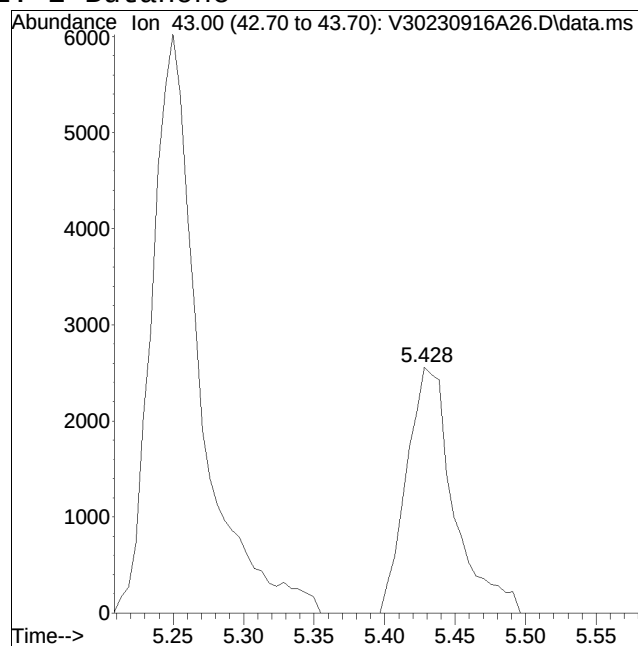
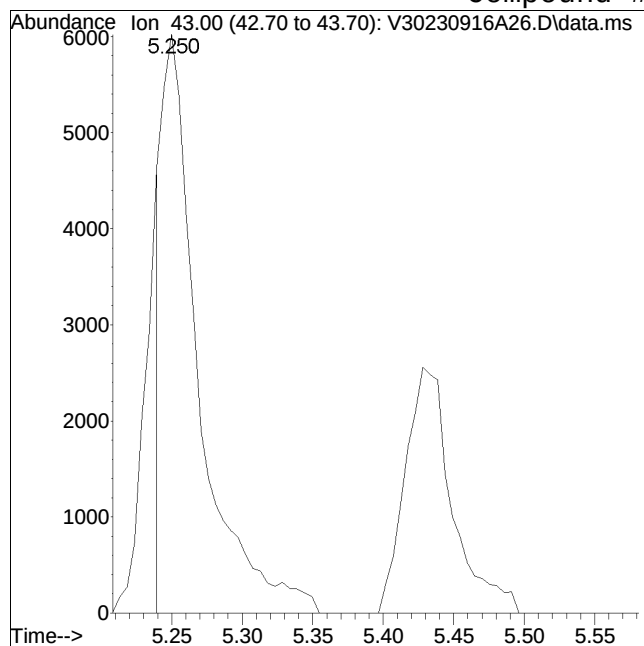
Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	74.9	112.3
145	30.9	26.0	39.0



Manual Integration Report

Data Path : K:\V0A130\2023\230916A\ QMethod : V130_230913A_8260D.m
Data File : V30230916A26.D Operator : V0A130:MKS
Date Inj'd : 9/16/2023 10:06 pm Instrument : V0A130
Sample : WG1828105-6,31,0.5,10,,C,R Quant Date : 9/18/2023 9:14 am

Compound #42: 2-Butanone



Original Peak Response = 10843

Manual Peak Response = 5940 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A27.D
 Acq On : 16 Sep 2023 10:28 pm
 Operator : VOA130:MKS
 Sample : WG1828105-7,31,0.5,10,,C,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 18 10:07:00 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.136	96	154565	10.000	ug/L	# 0.00
Standard Area 1 = 187984			Recovery =	82.22%		
63) Chlorobenzene-d5	9.686	117	141044	10.000	ug/L	# 0.00
Standard Area 1 = 163848			Recovery =	86.08%		
84) 1,4-Dichlorobenzene-d4	12.365	152	84434	10.000	ug/L	0.00
Standard Area 1 = 96294			Recovery =	87.68%		
System Monitoring Compounds						
39) Dibromofluoromethane	5.313	113	48751	10.054	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.54%		
47) 1,2-Dichloroethane-d4	5.848	65	49516	10.182	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.82%		
64) Toluene-d8	7.840	98	180443	10.295	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.95%		
88) 4-Bromofluorobenzene	11.164	95	62667	9.931	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.31%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.685	85	42874	10.896	ug/L	97
3) Chloromethane	1.879	50	29206	9.593	ug/L	97
4) Vinyl chloride	1.957	62	190037	50.230	ug/L	99
5) Bromomethane	2.277	94	34019	7.593	ug/L	98
6) Chloroethane	2.387	64	36855	12.471	ug/L	95
7) Trichlorofluoromethane	2.539	101	98549	13.443	ug/L	99
10) 1,1-Dichloroethene	3.037	96	27402	10.722	ug/L	# 69
11) Carbon disulfide	3.069	76	71315	10.085	ug/L	98
12) Freon-113	3.085	101	30665	11.263	ug/L	87
15) Methylene chloride	3.604	84	29918	10.227	ug/L	73
17) Acetone	3.640	43	4977	10.512	ug/L	97
18) trans-1,2-Dichloroethene	3.761	96	29665	10.411	ug/L	72
19) Methyl acetate	3.766	43	10917	9.855	ug/L	# 79
21) Methyl tert-butyl ether	3.861	73	62304	10.113	ug/L	85
25) 1,1-Dichloroethane	4.348	63	58491	11.834	ug/L	# 96
30) cis-1,2-Dichloroethene	4.873	96	313928	96.627	ug/L	# 72
33) Bromochloromethane	5.061	128	15819	10.140	ug/L	# 50
34) Cyclohexane	5.077	56	43864	10.597	ug/L	# 65
35) Chloroform	5.135	83	53420	10.146	ug/L	94
37) Carbon tetrachloride	5.282	117	38680	9.780	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A27.D
 Acq On : 16 Sep 2023 10:28 pm
 Operator : VOA130:MKS
 Sample : WG1828105-7,31,0.5,10,,C,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 18 10:07:00 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40)	1,1,1-Trichloroethane	5.344	97	48341	10.474	ug/L	92
42)	2-Butanone	5.428	43	6011M3	9.184	ug/L	
45)	Benzene	5.717	78	108270	10.292	ug/L	93
48)	1,2-Dichloroethane	5.916	62	34573	9.791	ug/L #	98
51)	Methylcyclohexane	6.314	83	48571	10.524	ug/L #	70
52)	Trichloroethene	6.314	95	29429	9.387	ug/L	90
55)	1,2-Dichloropropane	6.860	63	25933	10.144	ug/L	94
58)	Bromodichloromethane	6.928	83	37210	9.574	ug/L #	99
61)	1,4-Dioxane	7.132	88	9659	516.302	ug/L #	78
62)	cis-1,3-Dichloropropene	7.625	75	38765	9.277	ug/L #	86
65)	Toluene	7.898	92	71949	10.095	ug/L	97
66)	4-Methyl-2-pentanone	8.333	58	5788	9.944	ug/L #	77
67)	Tetrachloroethene	8.349	166	30212	9.935	ug/L	95
69)	trans-1,3-Dichloropropene	8.375	75	32837	9.486	ug/L #	78
72)	1,1,2-Trichloroethane	8.558	83	18378	10.179	ug/L	94
73)	Chlorodibromomethane	8.773	129	23877	9.249	ug/L	97
75)	1,2-Dibromoethane	9.051	107	21843	10.038	ug/L	100
77)	2-Hexanone	9.340	43	10357	9.517	ug/L	96
78)	Chlorobenzene	9.707	112	80364	9.829	ug/L	92
79)	Ethylbenzene	9.754	91	142258	10.312	ug/L	97
81)	p/m Xylene	9.943	106	112448	19.528	ug/L	89
82)	o Xylene	10.472	106	109625	18.590	ug/L	90
83)	Styrene	10.535	104	180911	18.513	ug/L	87
85)	Bromoform	10.551	173	12994	7.812	ug/L	99
87)	Isopropylbenzene	10.855	105	142312	10.269	ug/L	98
90)	n-Propylbenzene	11.327	91	170253	10.376	ug/L	95
92)	1,1,2,2-Tetrachloroethane	11.400	83	27711	11.538	ug/L	98
95)	1,3,5-Trimethylbenzene	11.547	105	121656	9.813	ug/L	96
99)	tert-Butylbenzene	11.888	119	101240	10.030	ug/L	90
102)	1,2,4-Trimethylbenzene	11.961	105	118683	9.624	ug/L	98
103)	sec-Butylbenzene	12.077	105	150643	10.099	ug/L	94
104)	p-Isopropyltoluene	12.229	119	127587	9.757	ug/L	94
105)	1,3-Dichlorobenzene	12.292	146	66706	9.331	ug/L	95
106)	1,4-Dichlorobenzene	12.381	146	69152	9.494	ug/L	97
108)	n-Butylbenzene	12.659	91	109561	9.841	ug/L	95
109)	1,2-Dichlorobenzene	12.805	146	63900	9.361	ug/L	97
111)	1,2-Dibromo-3-chloropr...	13.576	155	3762	9.109	ug/L	96
114)	1,2,4-Trichlorobenzene	14.211	180	39838	9.300	ug/L	98
115)	Naphthalene	14.504	128	92552	9.857	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
 Data File : V30230916A27.D
 Acq On : 16 Sep 2023 10:28 pm
 Operator : VOA130:MKS
 Sample : WG1828105-7,31,0.5,10,,C,R3E
 Misc : WG1828105,ICAL20364
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 18 10:07:00 2023
 Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Sep 14 12:06:27 2023
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA130\2023\230916A\V30230916A01.D
 Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
116)	1,2,3-Trichlorobenzene	14.672	180	36536	9.231	ug/L	97

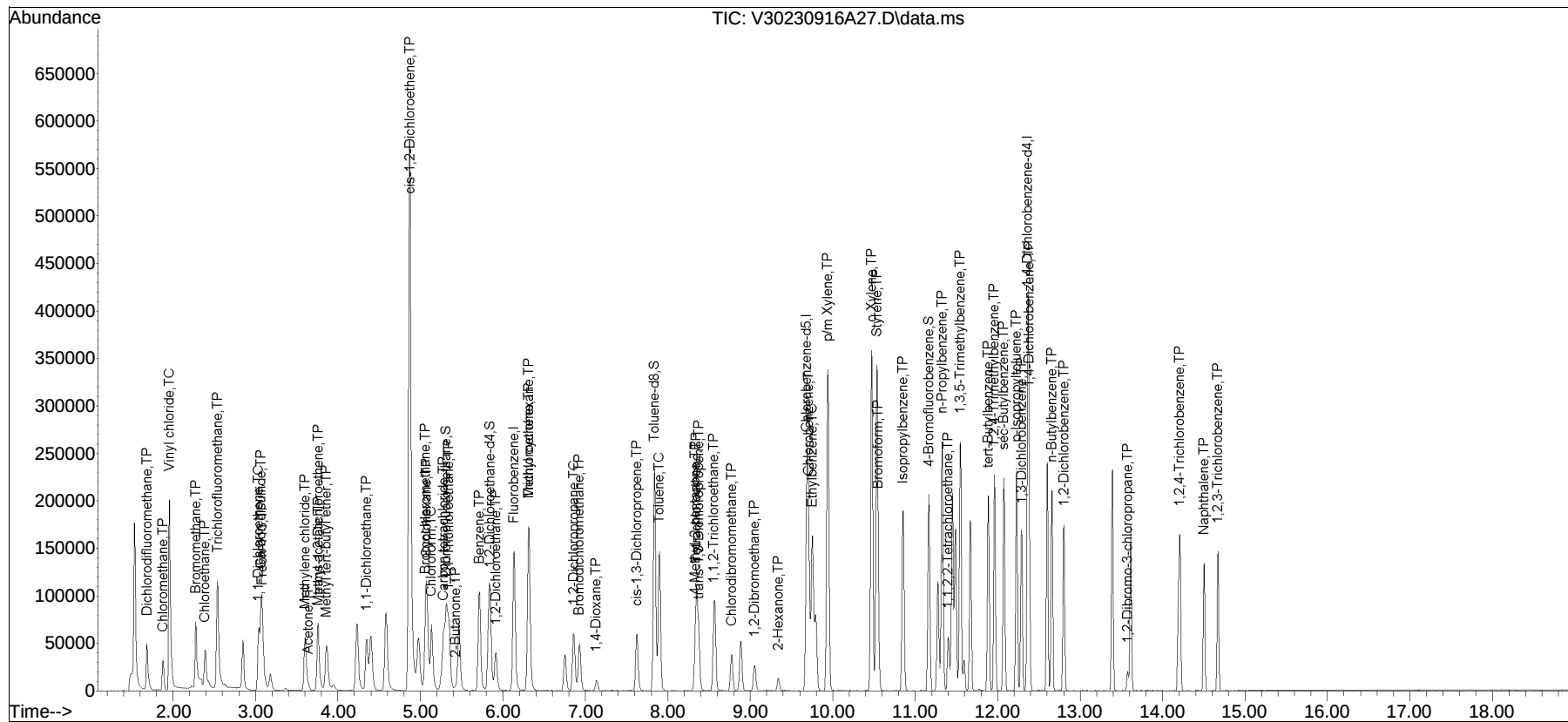
(#) = qualifier out of range (m) = manual integration (+) = signals summed

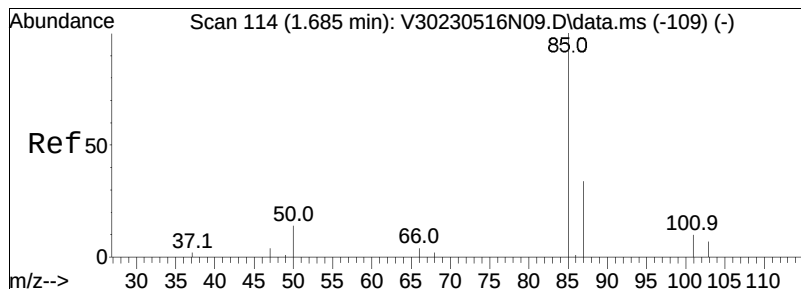
(QT Reviewed)

Data Path : K:\VOA130\2023\230916A\
Data File : V30230916A27.D
Acq On : 16 Sep 2023 10:28 pm
Operator : VOA130:MKS
Sample : WG1828105-7,31,0.5,10,,C,R3E
Misc : WG1828105,ICAL20364
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 18 10:07:00 2023
Quant Method : K:\VOA130\2023\230916A\V130_230913A_8260D.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Sep 14 12:06:27 2023
Response via : Initial Calibration

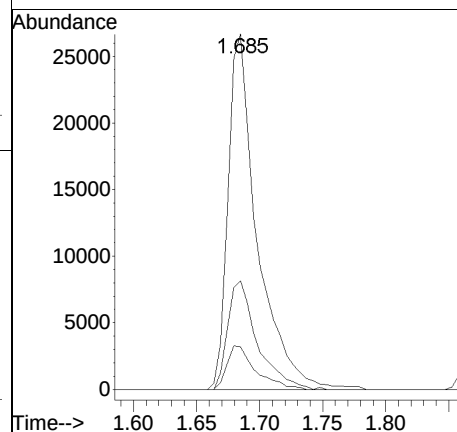
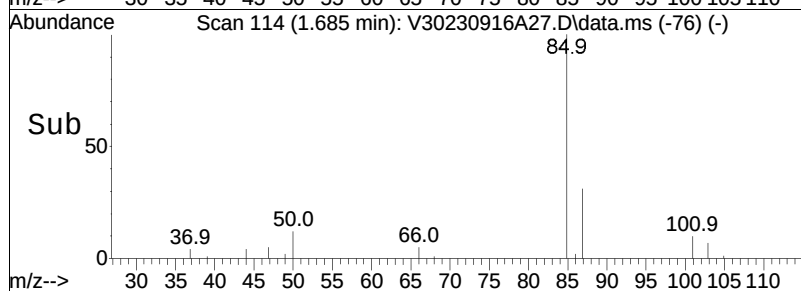
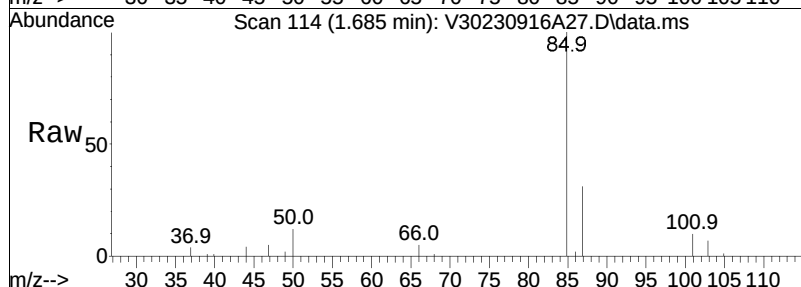
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0916A01.D•

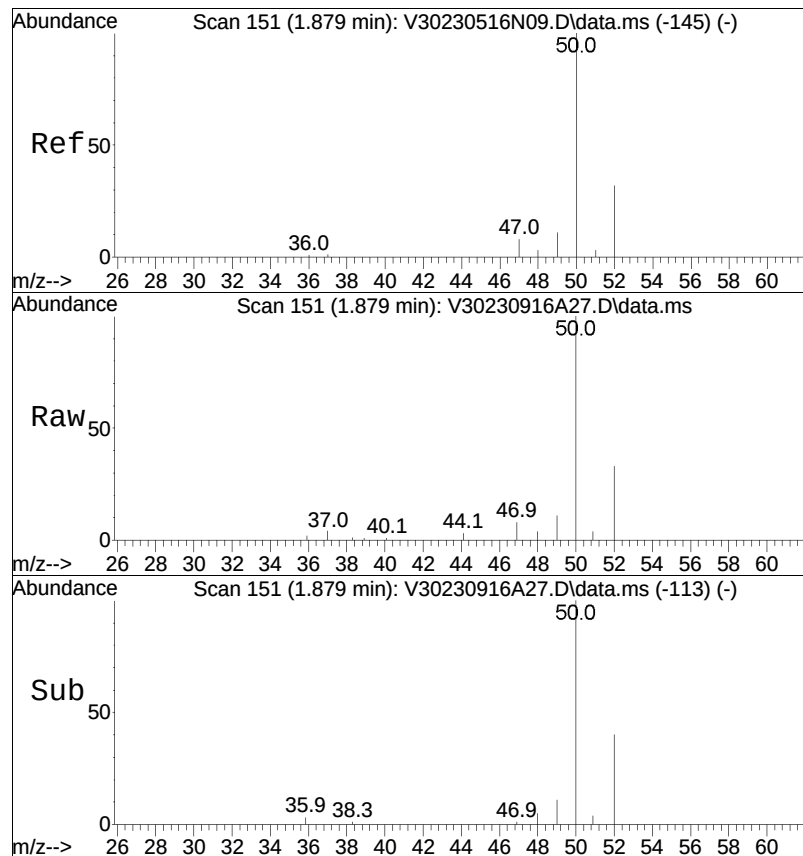




#2
 Dichlorodifluoromethane
 Concen: 10.90 ug/L
 RT: 1.685 min Scan# 114
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

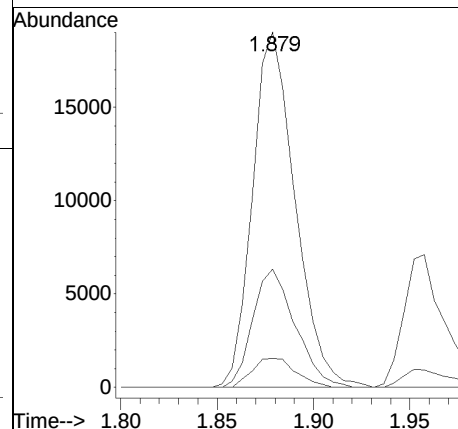
Tgt Ion	Ratio	Resp	Lower	Upper
85	100	42874		
87	31.0		20.2	42.0
50	12.1		10.1	20.9

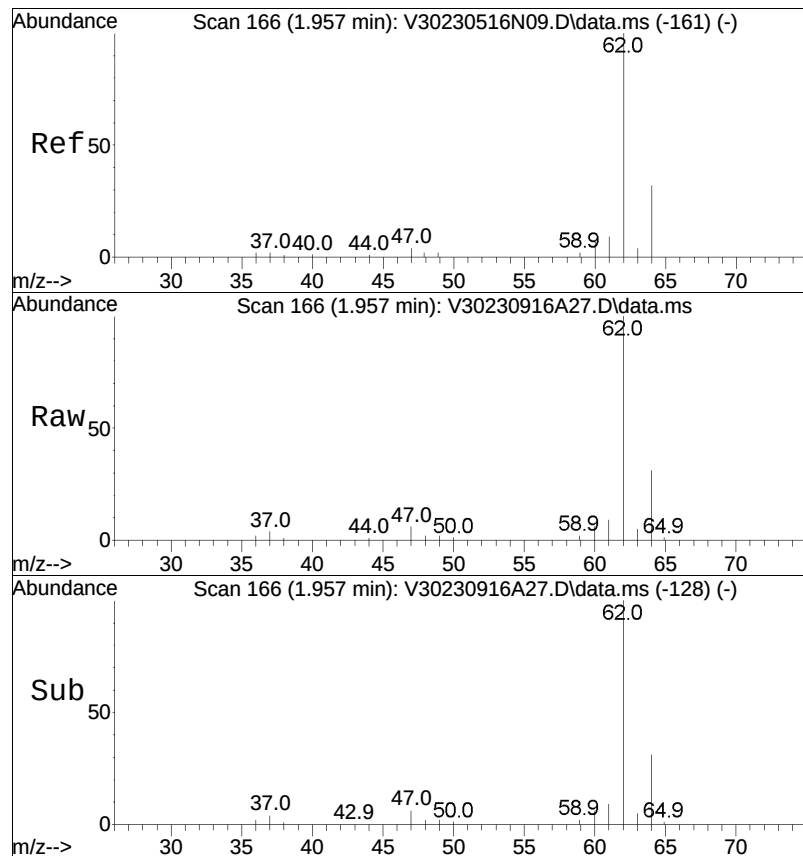




#3
 Chloromethane
 Concen: 9.59 ug/L
 RT: 1.879 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

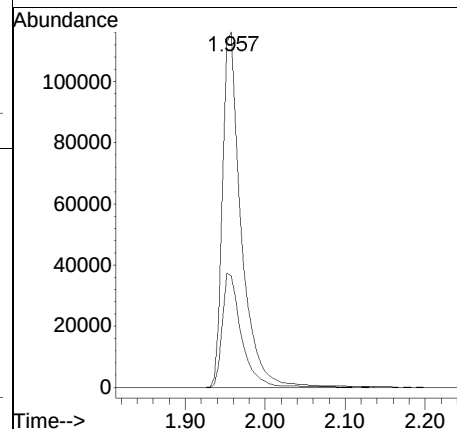
Tgt Ion:	50	Resp:	29206
Ion Ratio	Lower	Upper	
50	100		
52	33.2	25.1	37.7
47	8.5	6.5	9.7

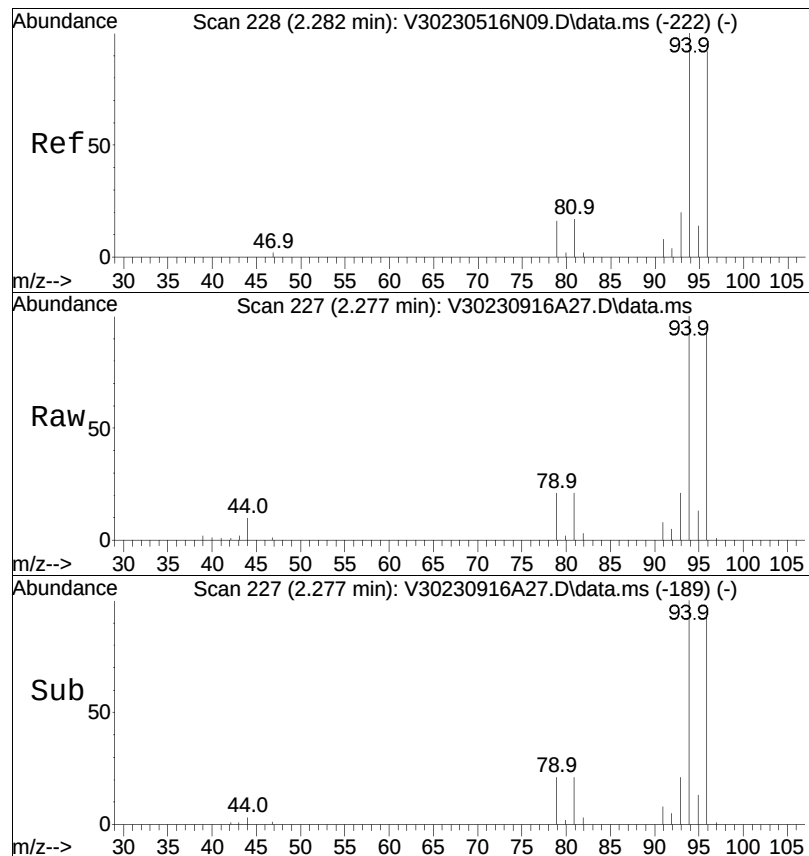




#4
 Vinyl chloride
 Concen: 50.23 ug/L
 RT: 1.957 min Scan# 166
 Delta R.T. 0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

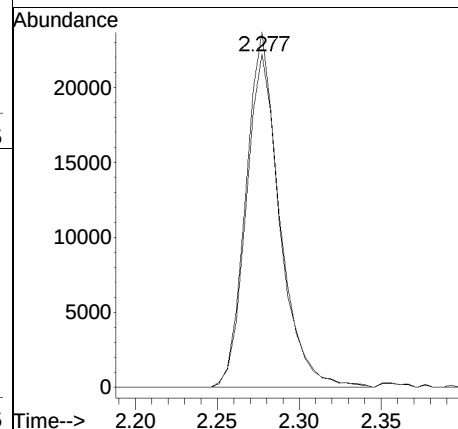
Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.9	25.7	38.5

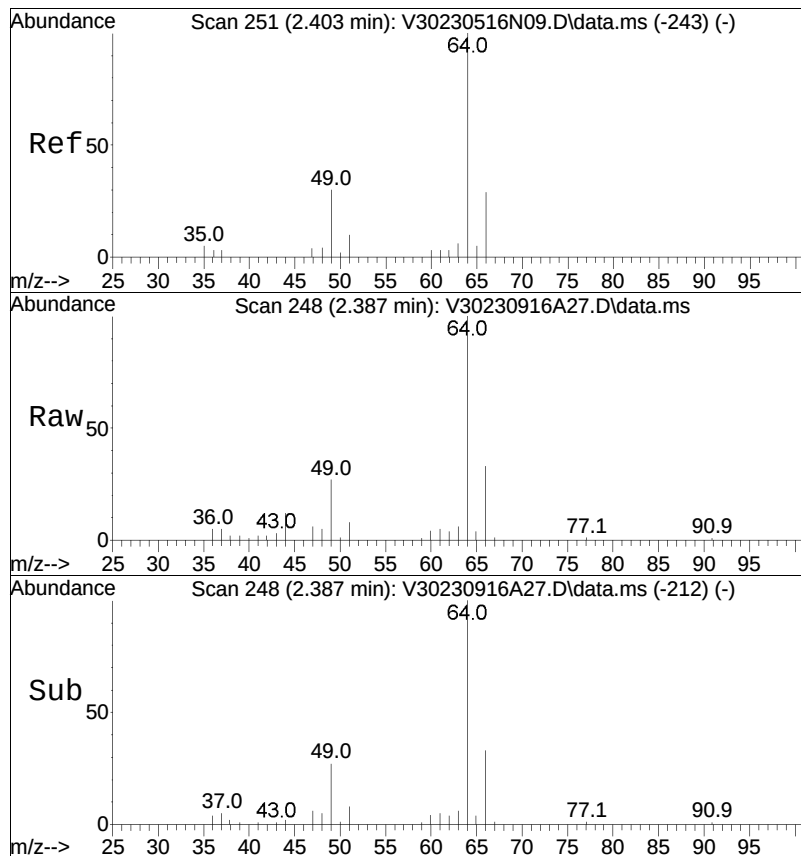




#5
 Bromomethane
 Concen: 7.59 ug/L
 RT: 2.277 min Scan# 227
 Delta R.T. 0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

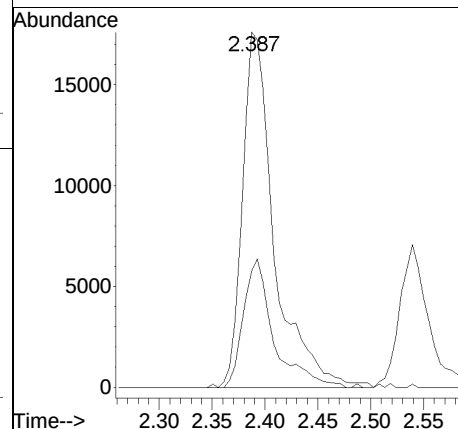
Tgt Ion	Ratio	Lower	Upper
94	100		
96	94.4	73.7	110.5

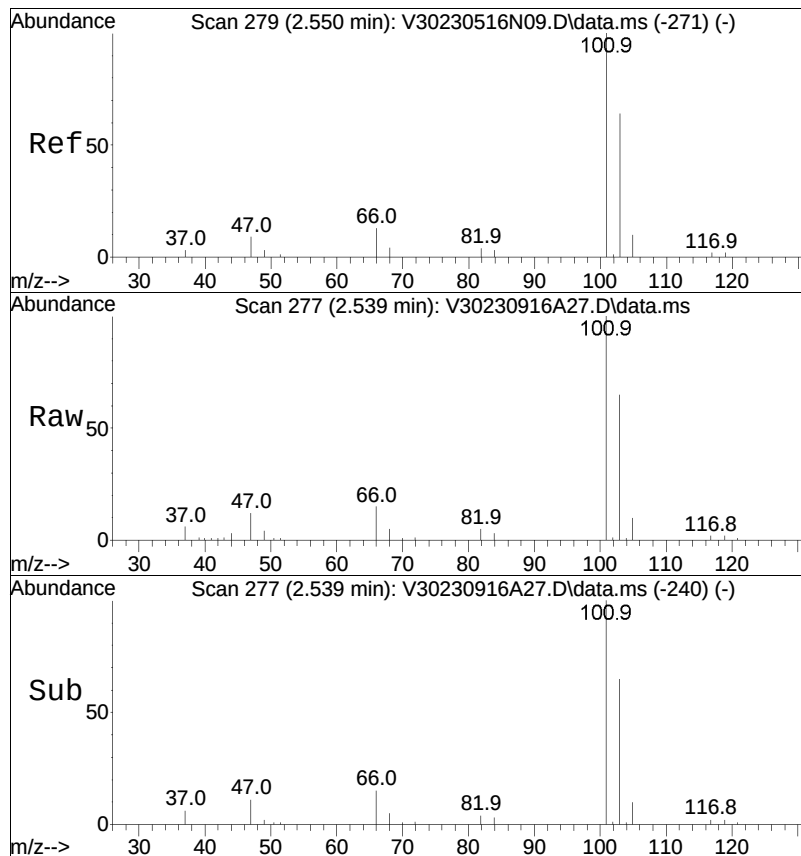




#6
 Chloroethane
 Concen: 12.47 ug/L
 RT: 2.387 min Scan# 248
 Delta R.T. -0.011 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

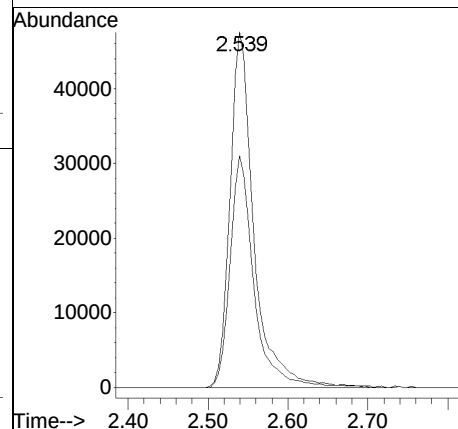
Tgt Ion	Ratio	Lower	Upper
64	100		
66	34.4	25.3	37.9

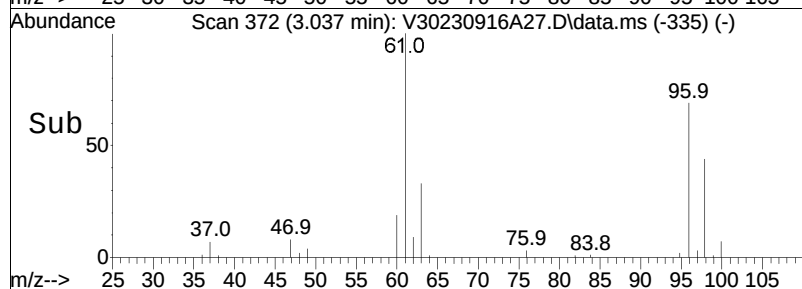
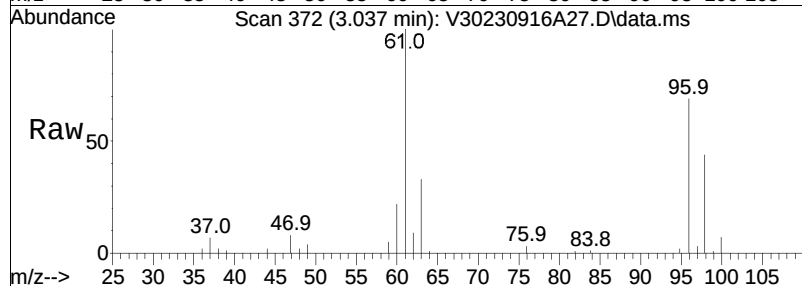
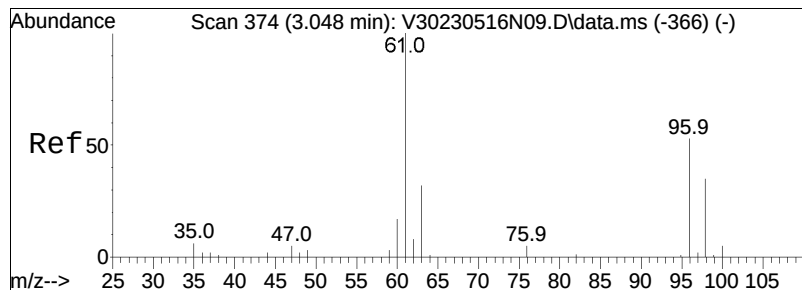




#7
 Trichlorofluoromethane
 Concen: 13.44 ug/L
 RT: 2.539 min Scan# 277
 Delta R.T. -0.006 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

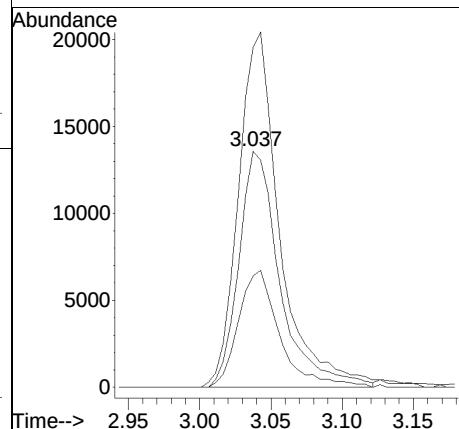
Tgt	Ion	Ratio	Lower	Upper
101	101	100		
103	64.6	51.0	76.4	

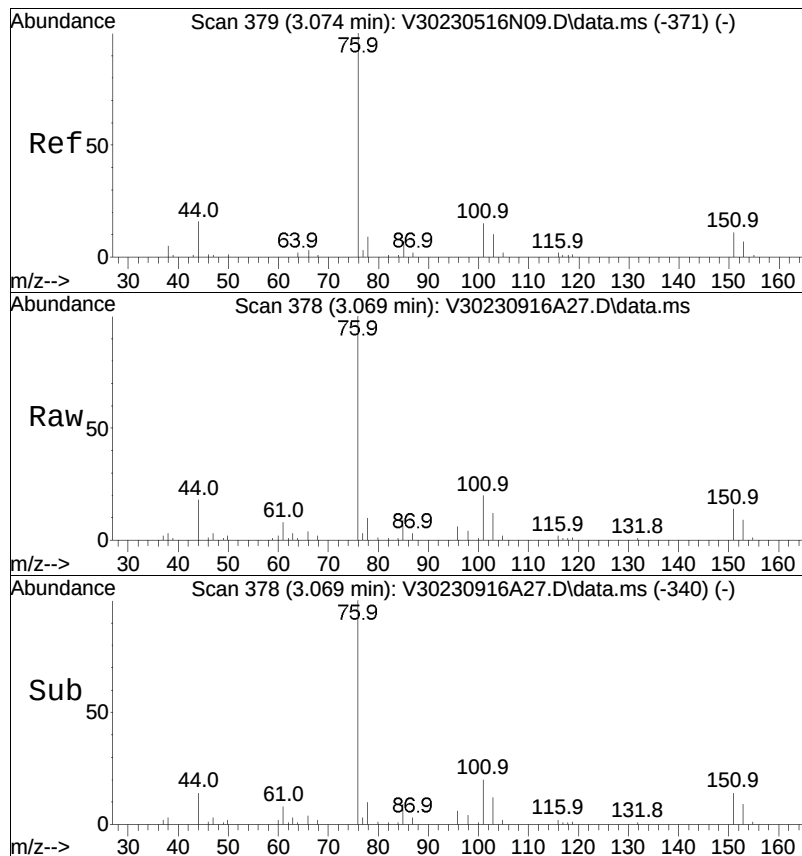




#10
 1,1-Dichloroethene
 Concen: 10.72 ug/L
 RT: 3.037 min Scan# 372
 Delta R.T. -0.006 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

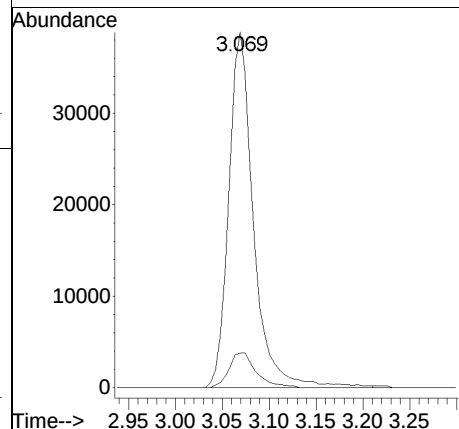
Tgt Ion:	96	Resp:	27402
Ion Ratio	Lower	Upper	
96	100		
61	153.5	165.5	248.3#
63	49.7	51.9	77.9#

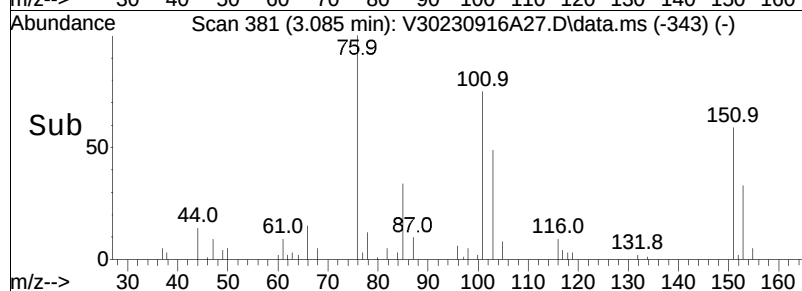
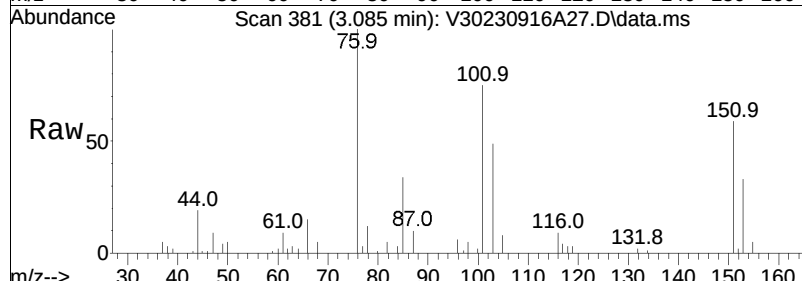
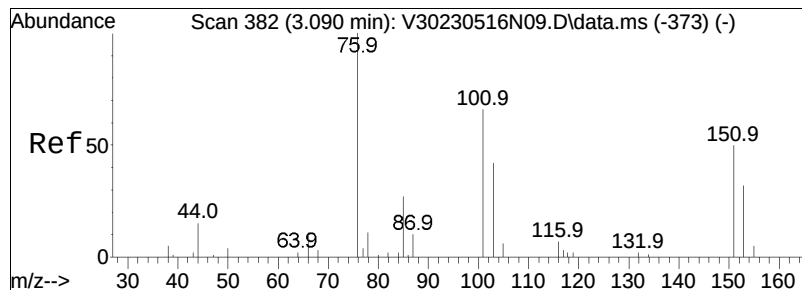




#11
 Carbon disulfide
 Concen: 10.09 ug/L
 RT: 3.069 min Scan# 378
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

Tgt Ion	Ratio	Lower	Upper
76	100		
78	10.6	6.4	13.4





#12

Freon-113

Concen: 11.26 ug/L

RT: 3.085 min Scan# 381

Delta R.T. -0.000 min

Lab File: V30230916A27.D

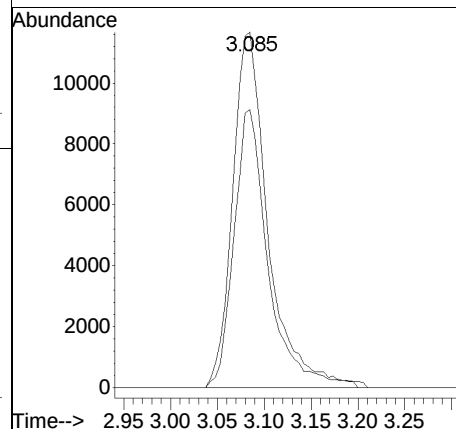
Acq: 16 Sep 2023 10:28 pm

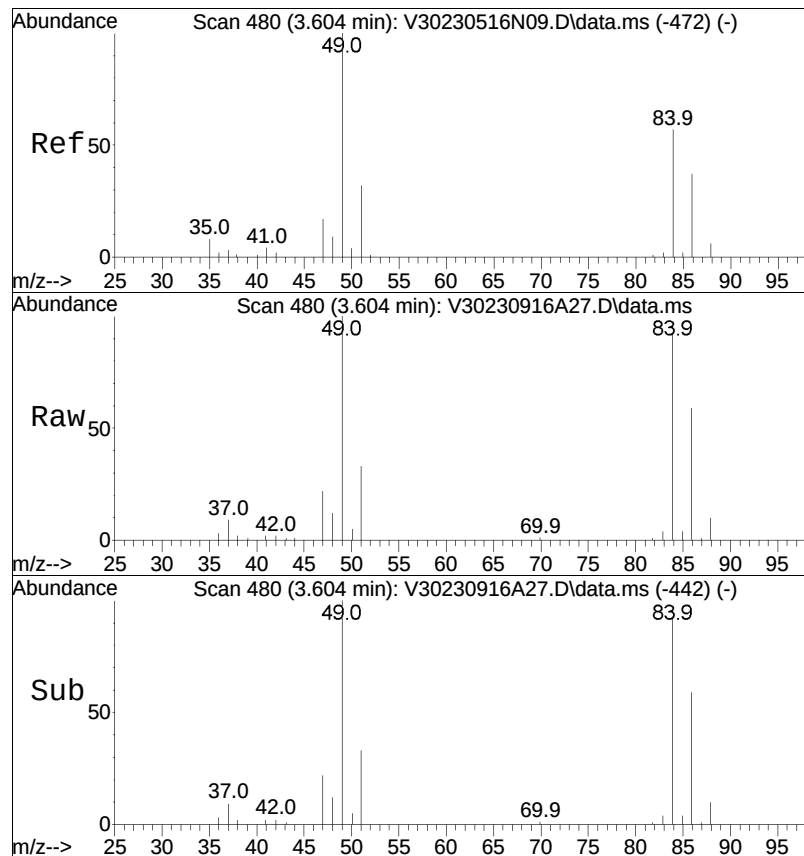
Tgt Ion:101 Resp: 30665

Ion Ratio Lower Upper

101 100

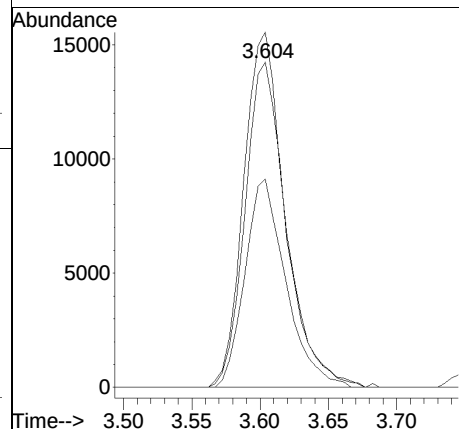
151 75.5 51.9 77.9

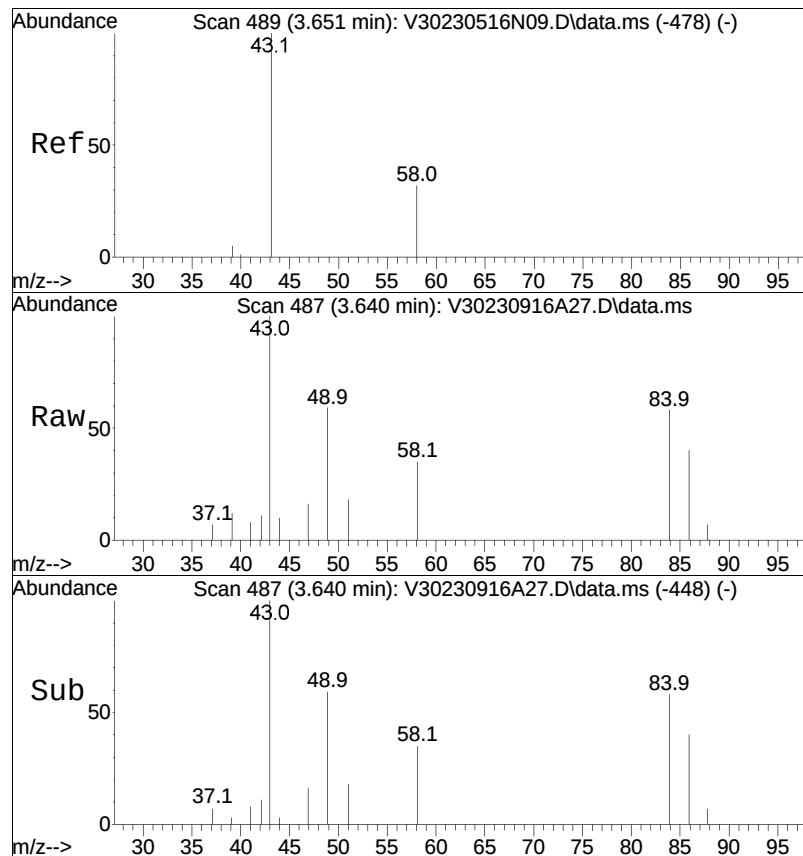




#15
Methylene chloride
Concen: 10.23 ug/L
RT: 3.604 min Scan# 480
Delta R.T. -0.000 min
Lab File: V30230916A27.D
Acq: 16 Sep 2023 10:28 pm

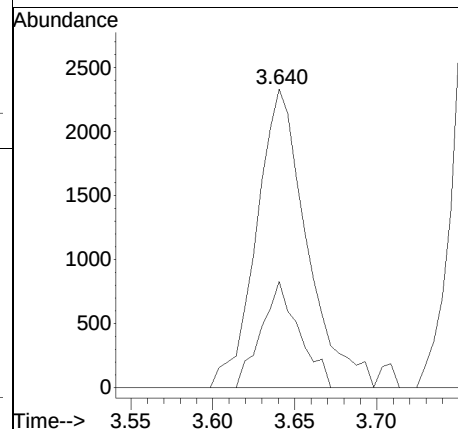
Tgt	Ion	Resp	Lower	Upper
84	100			
86	63.6	41.7	86.5	
49	110.2	103.9	215.9	

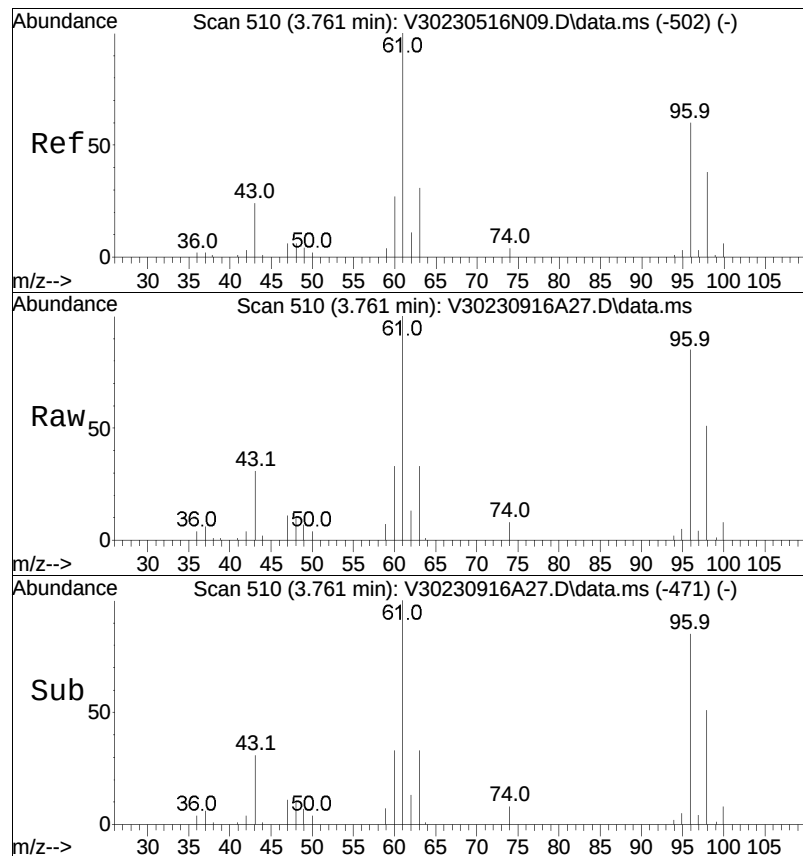




#17
 Acetone
 Concen: 10.51 ug/L
 RT: 3.640 min Scan# 487
 Delta R.T. 0.005 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

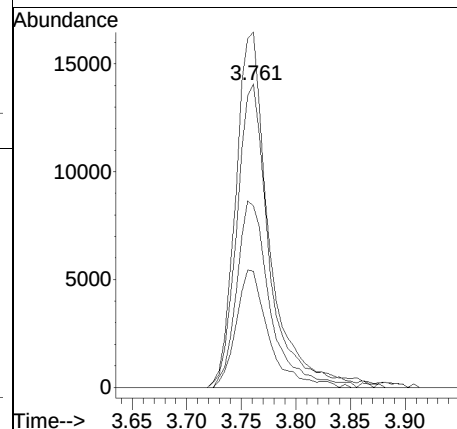
Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.7	20.1	30.1

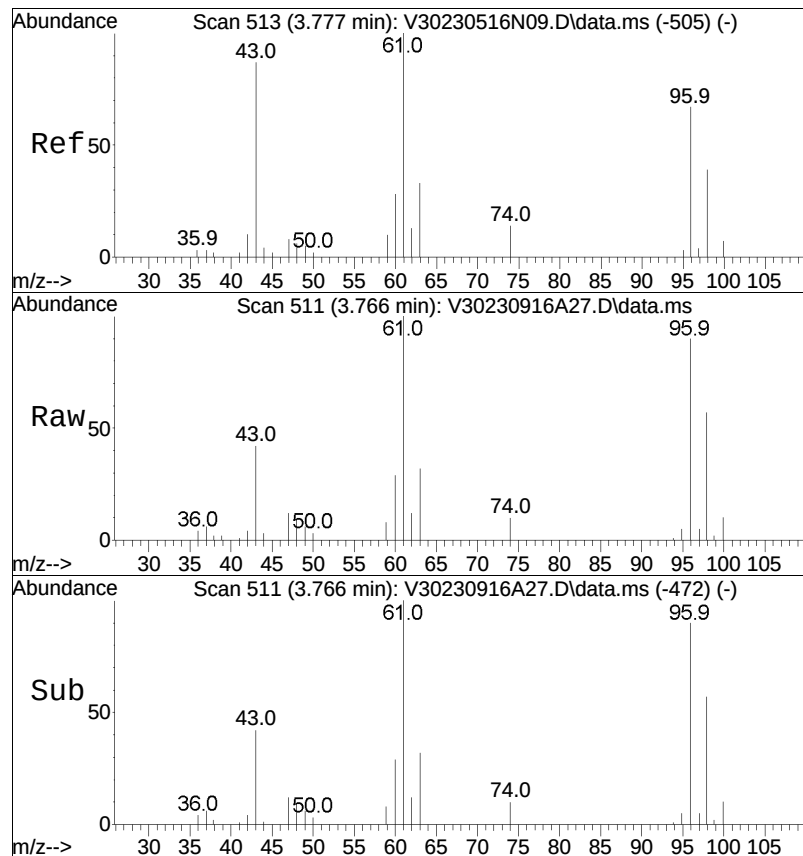




#18
 trans-1,2-Dichloroethene
 Concen: 10.41 ug/L
 RT: 3.761 min Scan# 510
 Delta R.T. 0.005 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

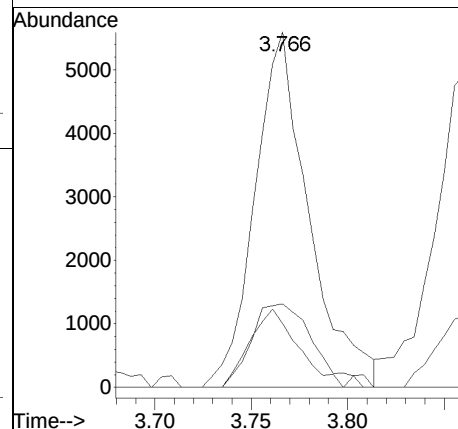
Tgt Ion:	96	Resp:	29665
Ion Ratio	Lower	Upper	
96	100		
61	120.7	113.6	236.0
98	62.4	40.8	84.8
63	38.4	36.5	75.7

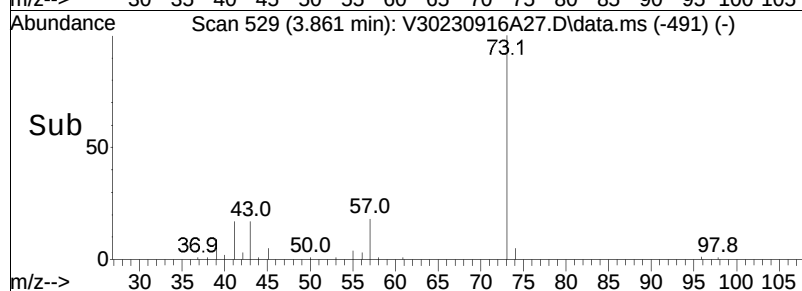
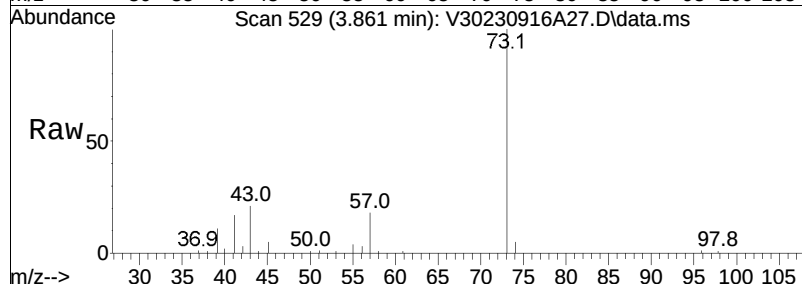
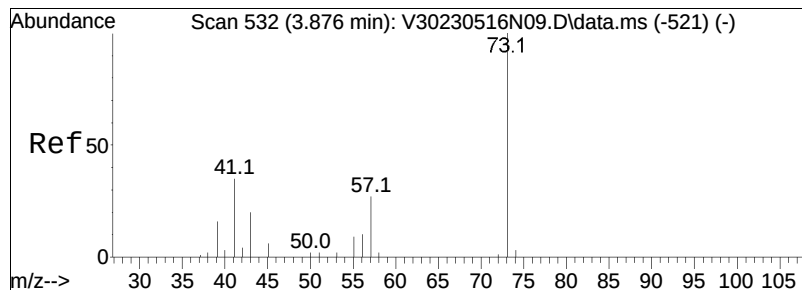




#19
Methyl acetate
Concen: 9.85 ug/L
RT: 3.766 min Scan# 511
Delta R.T. 0.005 min
Lab File: V30230916A27.D
Acq: 16 Sep 2023 10:28 pm

Tgt Ion:	43	Resp:	10917
Ion Ratio	Lower	Upper	
43	100		
74	27.3	14.6	22.0#
59	20.2	9.3	13.9#





#21

Methyl tert-butyl ether

Concen: 10.11 ug/L

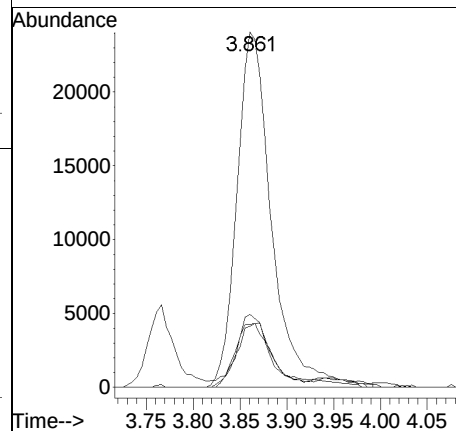
RT: 3.861 min Scan# 529

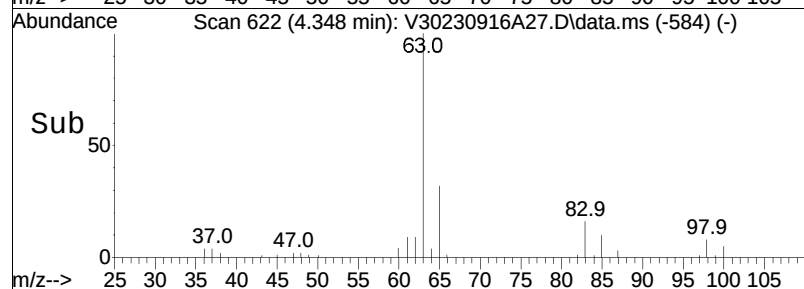
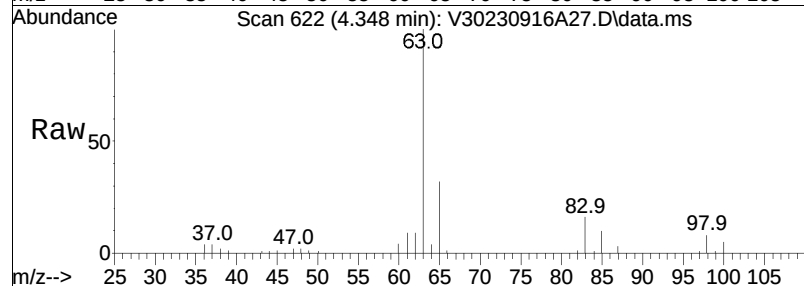
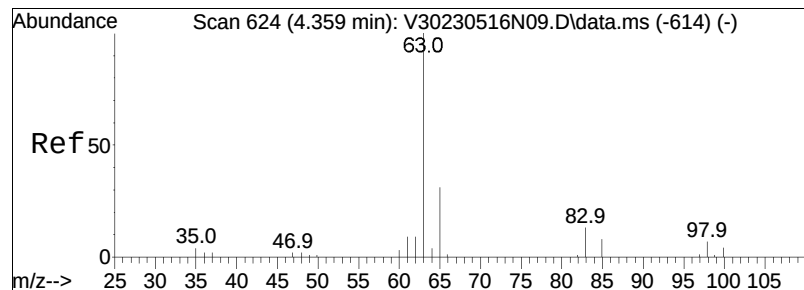
Delta R.T. -0.000 min

Lab File: V30230916A27.D

Acq: 16 Sep 2023 10:28 pm

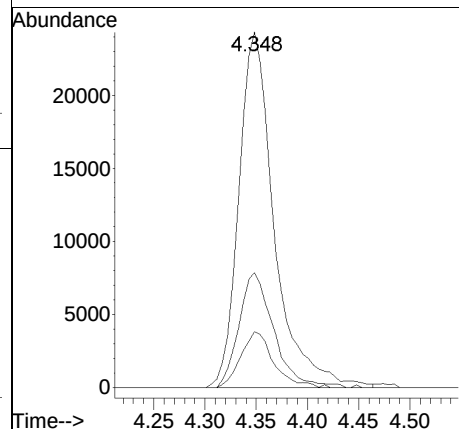
Tgt Ion:	73	Resp:	62304
Ion Ratio	Lower	Upper	
73	100		
57	18.7	15.5	32.1
43	17.2	16.6	34.6
41	17.7	17.2	35.6

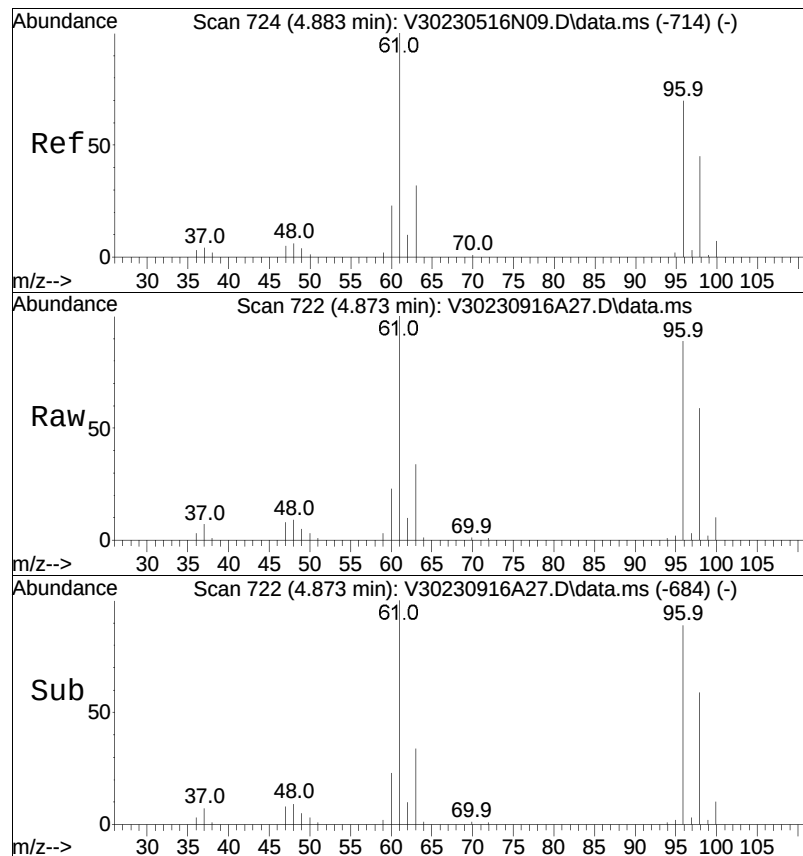




#25
 1,1-Dichloroethane
 Concen: 11.83 ug/L
 RT: 4.348 min Scan# 622
 Delta R.T. 0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

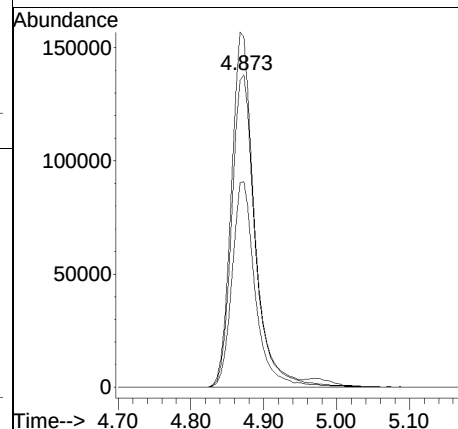
Tgt Ion:	63	65	83	Resp:	58491	Lower	Upper
Ion Ratio	100	31.6	14.5				
		24.5	8.9				
		36.7	13.3#				

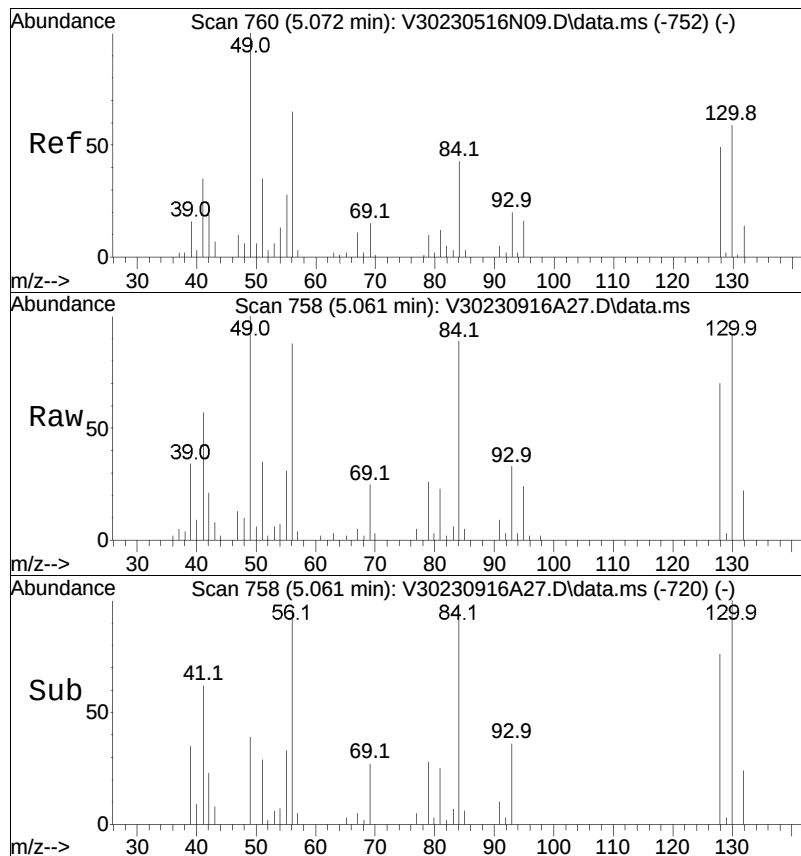




#30
 cis-1,2-Dichloroethene
 Concen: 96.63 ug/L
 RT: 4.873 min Scan# 722
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

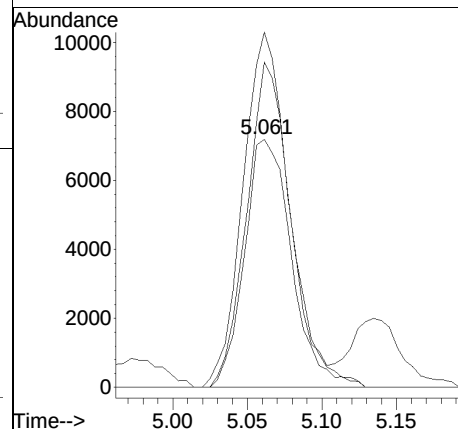
Tgt Ion:	96	Resp:	313928
Ion Ratio	Lower	Upper	
96	100		
61	110.0	129.3	193.9#
98	64.8	51.4	77.2

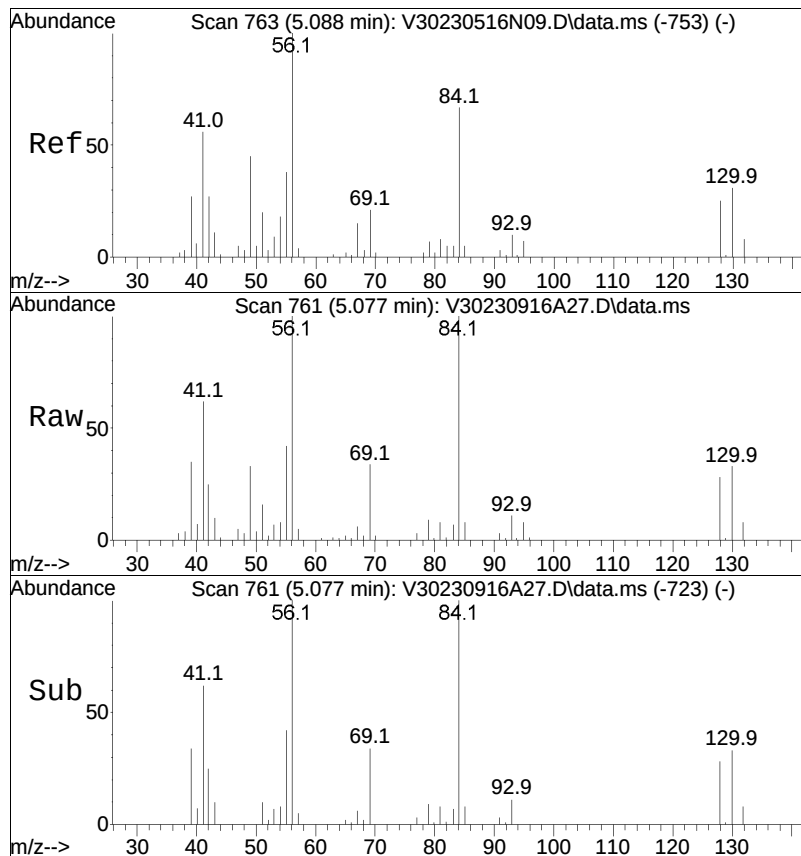




#33
 Bromochloromethane
 Concen: 10.14 ug/L
 RT: 5.061 min Scan# 758
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

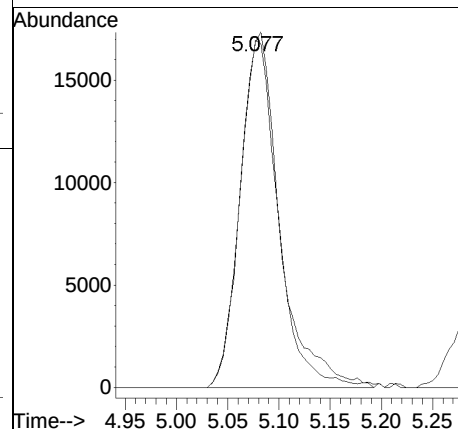
Tgt	Ion:128	Resp:	15819
Ion	Ratio	Lower	Upper
128	100		
49	138.2	214.8	322.2#
130	124.4	105.4	158.2

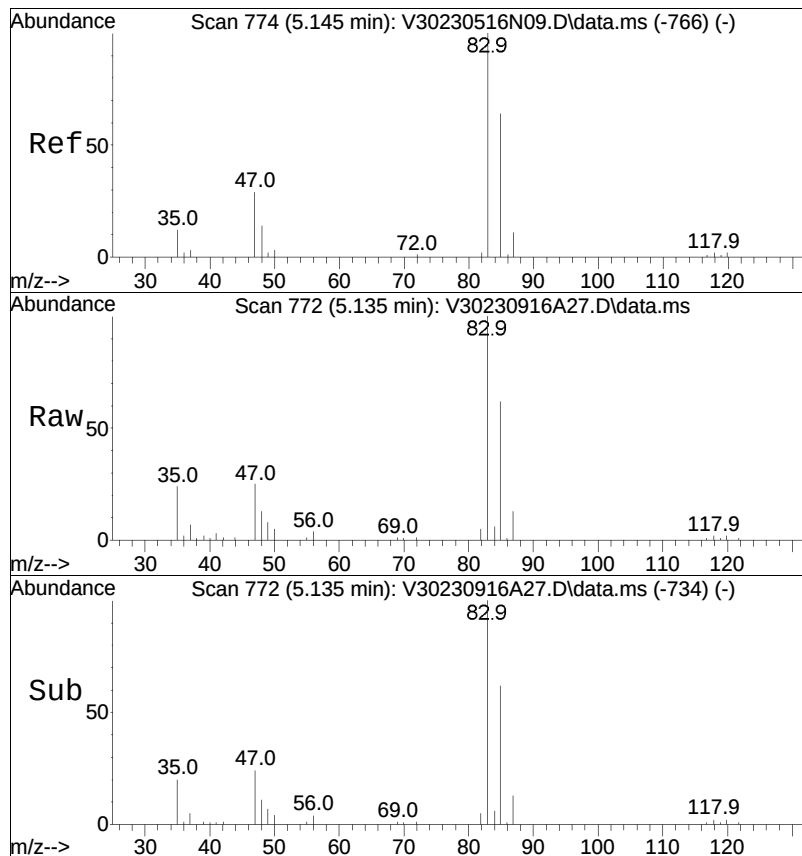




#34
 Cyclohexane
 Concen: 10.60 ug/L
 RT: 5.077 min Scan# 761
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

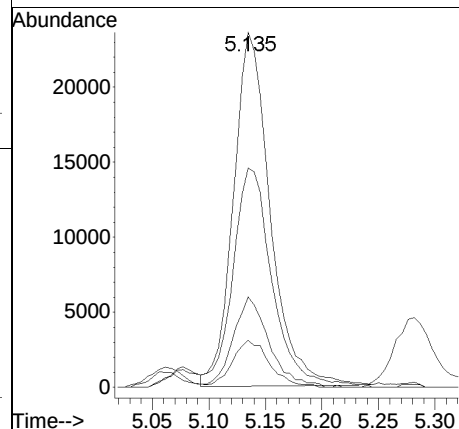
Tgt	Ion	Resp	Lower	Upper
56	100			
84	106.8	49.9	103.5#	

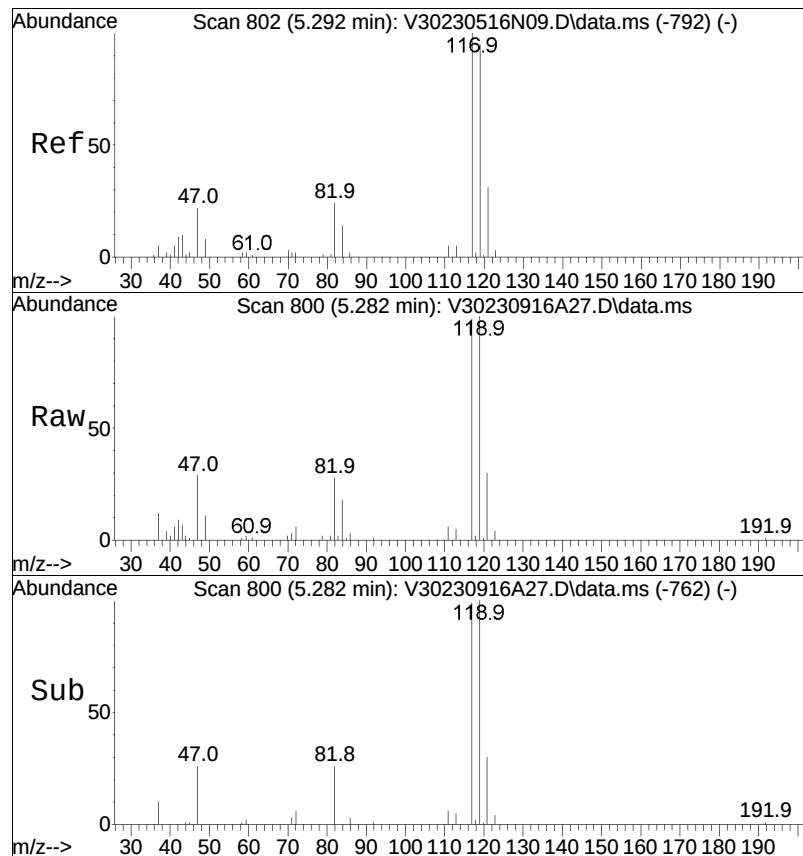




#35
 Chloroform
 Concen: 10.15 ug/L
 RT: 5.135 min Scan# 772
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

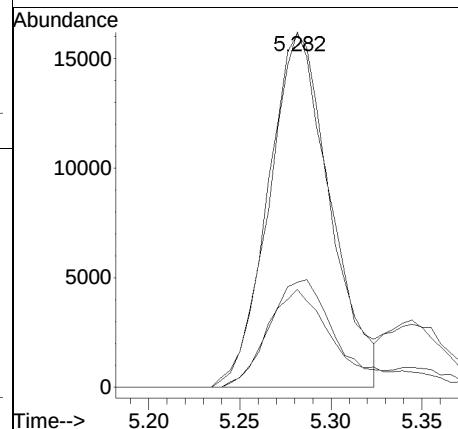
Tgt Ion:	83	Resp:	53420
Ion Ratio	Lower	Upper	
83	100		
85	66.6	41.4	86.0
47	25.0	20.5	42.5
48	13.6	9.9	20.5

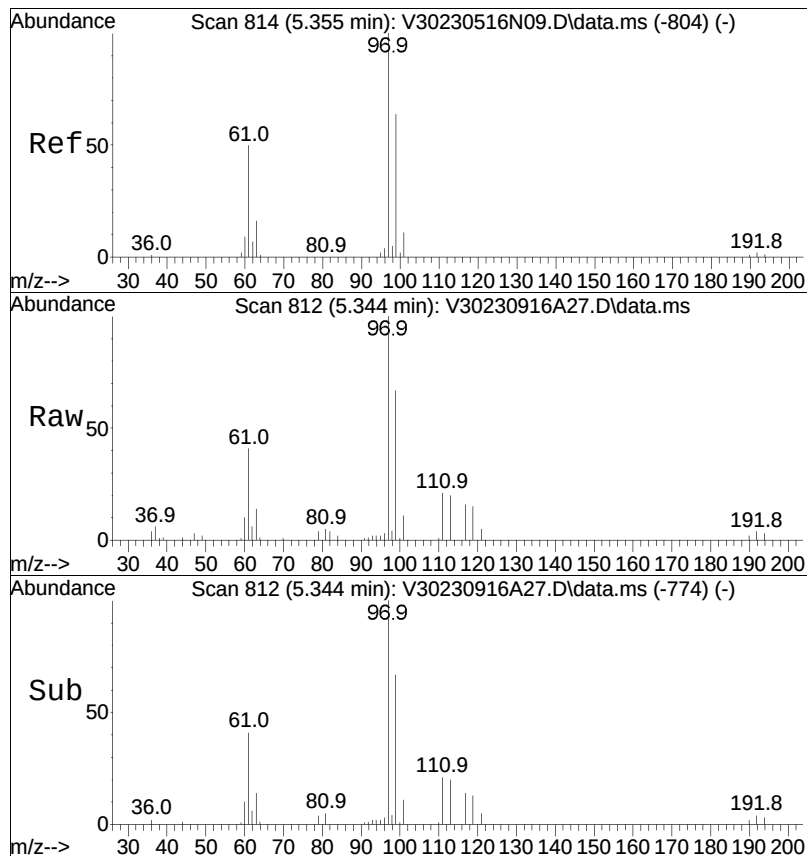




#37
 Carbon tetrachloride
 Concen: 9.78 ug/L
 RT: 5.282 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

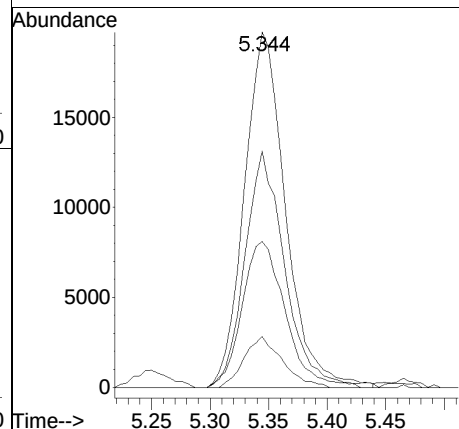
Tgt Ion:	117	Resp:	38680
Ion Ratio	Lower	Upper	
117	100		
119	96.4	62.0	128.8
121	31.8	19.6	40.6
82	32.3	18.8	39.0

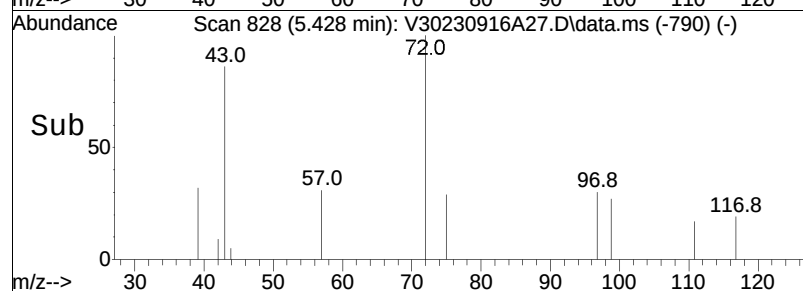
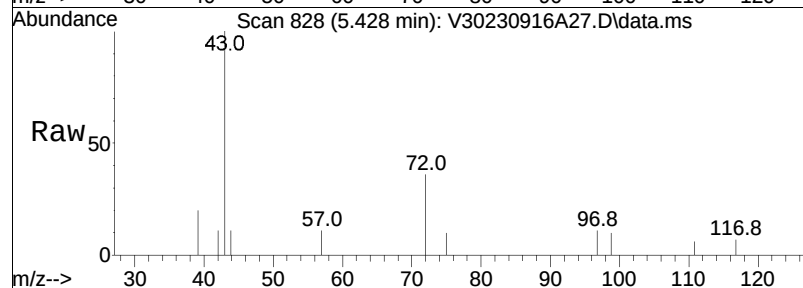
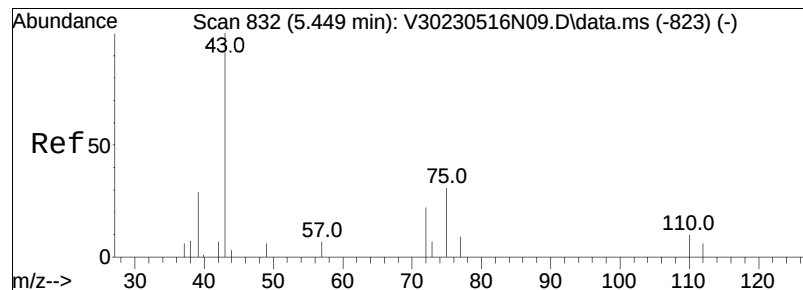




#40
 1,1,1-Trichloroethane
 Concen: 10.47 ug/L
 RT: 5.344 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

Tgt Ion:	97	Resp:	48341
Ion Ratio	Lower	Upper	
97	100		
99	64.1	40.6	84.4
61	43.0	35.0	72.8
63	13.3	11.1	23.0





#42

2-Butanone

Concen: 9.18 ug/L M3

RT: 5.428 min Scan# 828

Delta R.T. -0.000 min

Lab File: V30230916A27.D

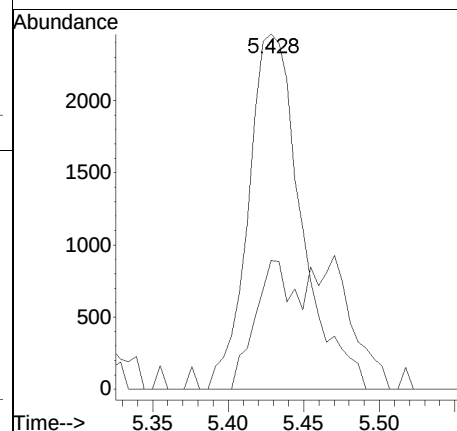
Acq: 16 Sep 2023 10:28 pm

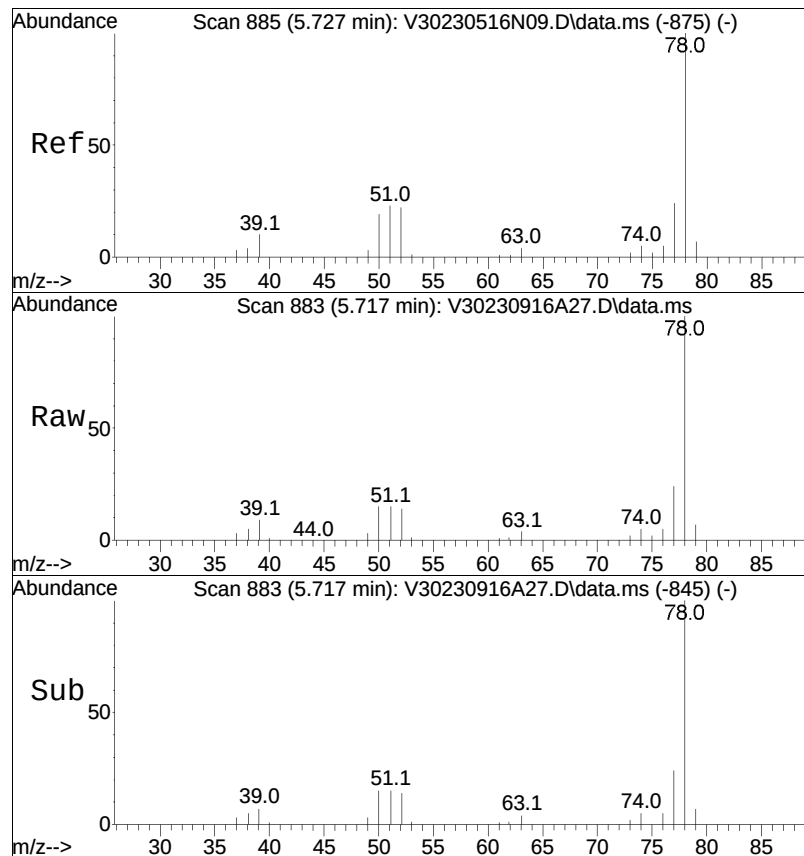
Tgt Ion: 43 Resp: 6011

Ion Ratio Lower Upper

43 100

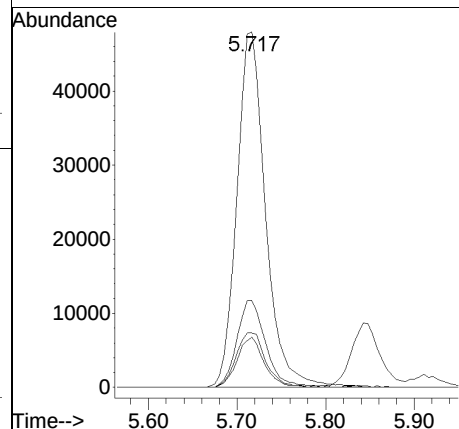
72 37.4 18.2 27.4#

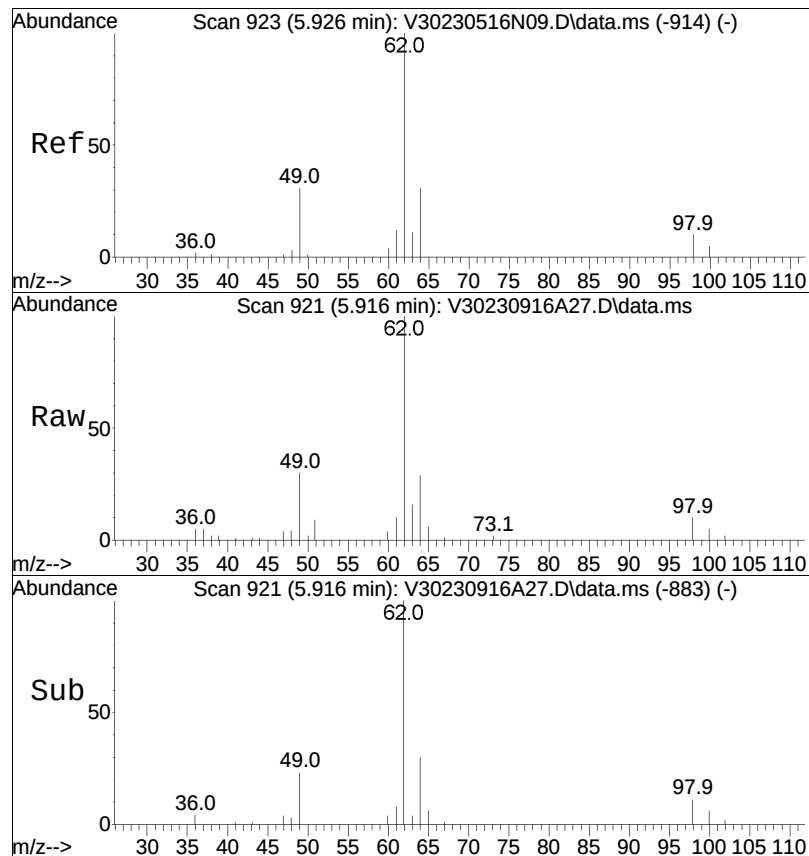




#45
Benzene
Concen: 10.29 ug/L
RT: 5.717 min Scan# 883
Delta R.T. -0.000 min
Lab File: V30230916A27.D
Acq: 16 Sep 2023 10:28 pm

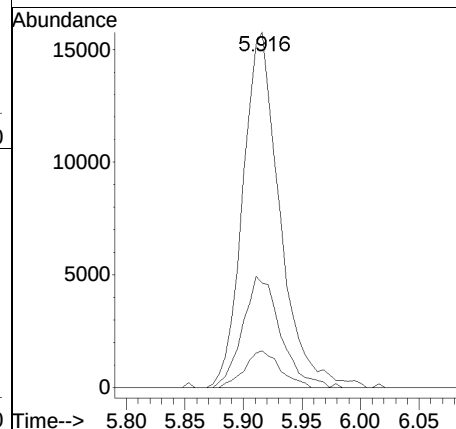
Tgt Ion:	78	Resp:	108270
Ion	Ratio	Lower	Upper
78	100		
77	24.6	15.6	32.4
51	15.9	12.9	26.7
52	13.3	12.4	25.7

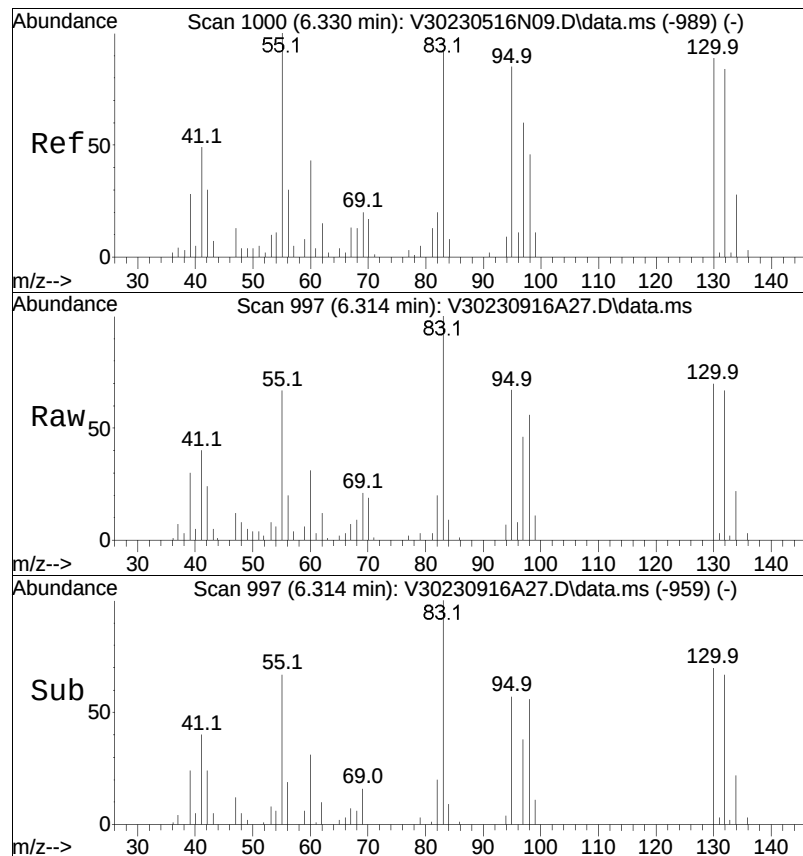




#48
 1,2-Dichloroethane
 Concen: 9.79 ug/L
 RT: 5.916 min Scan# 921
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

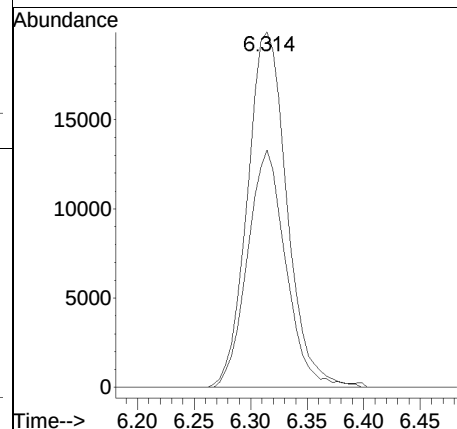
Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.5	38.3
98	9.9	5.5	8.3

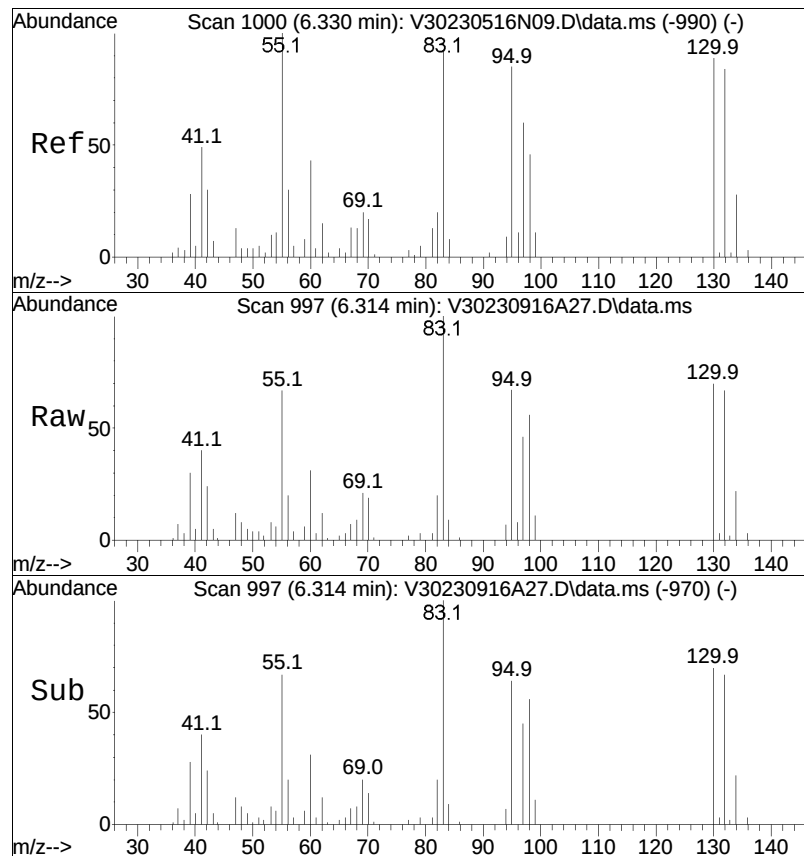




#51
Methyl cyclohexane
Concen: 10.52 ug/L
RT: 6.314 min Scan# 997
Delta R.T. -0.000 min
Lab File: V30230916A27.D
Acq: 16 Sep 2023 10:28 pm

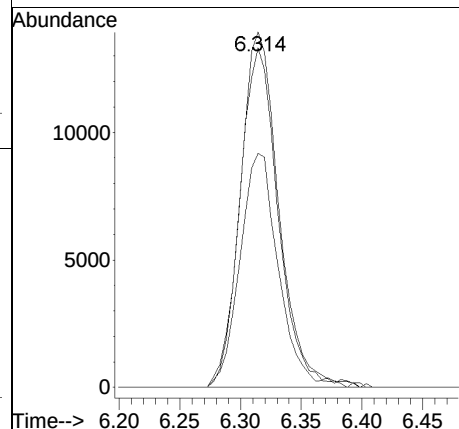
Tgt	Ion	Resp	Lower	Upper
83	100			
55	64.8	74.6	112.0	

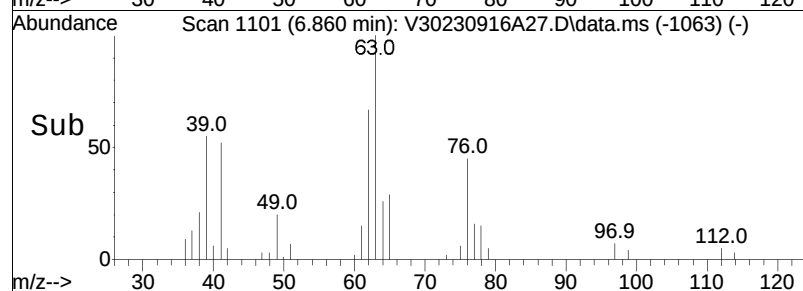
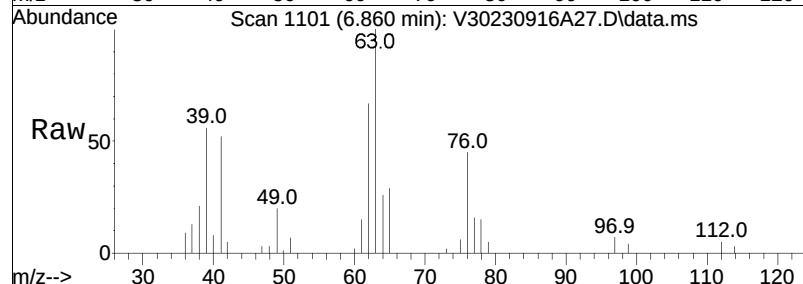
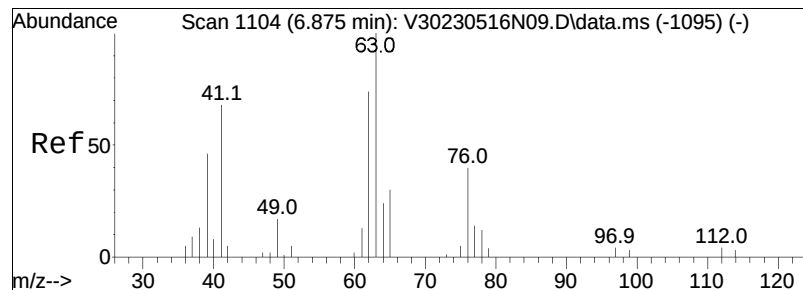




#52
 Trichloroethene
 Concen: 9.39 ug/L
 RT: 6.314 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

Tgt Ion	95	Resp	29429
Ion Ratio	Lower	Upper	
95	100		
97	68.9	53.8	80.6
130	103.8	71.4	107.0





#55

1,2-Dichloropropane

Concen: 10.14 ug/L

RT: 6.860 min Scan# 1101

Delta R.T. -0.000 min

Lab File: V30230916A27.D

Acq: 16 Sep 2023 10:28 pm

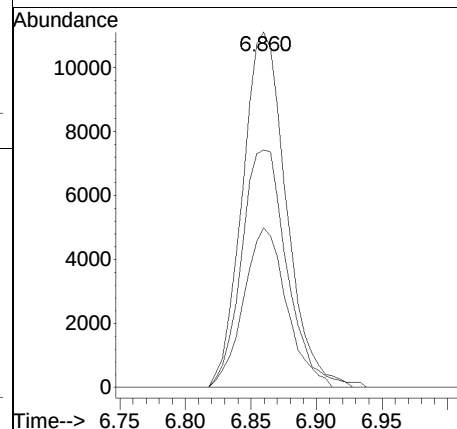
Tgt Ion: 63 Resp: 25933

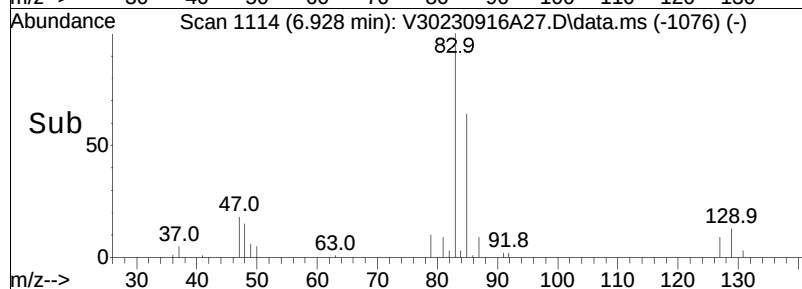
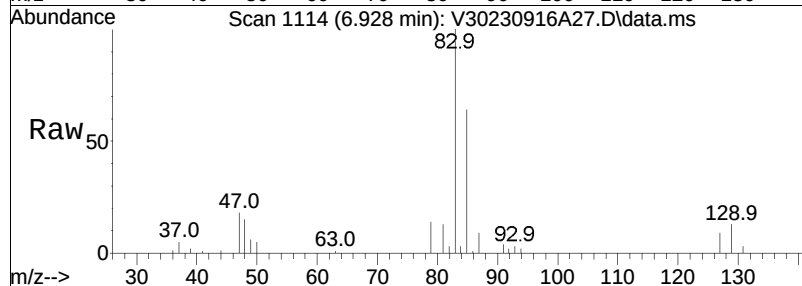
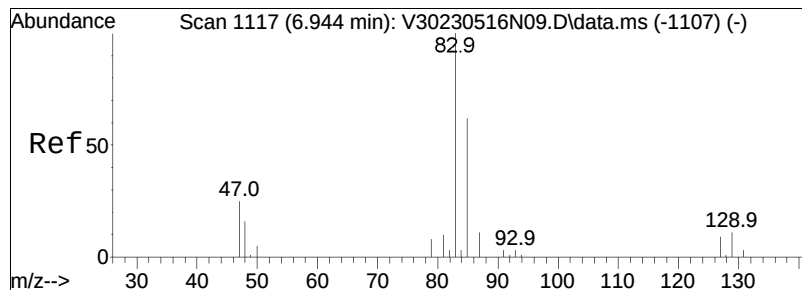
Ion Ratio Lower Upper

63 100

62 68.8 58.1 87.1

76 44.0 30.4 45.6





#58

Bromodichloromethane

Concen: 9.57 ug/L

RT: 6.928 min Scan# 1114

Delta R.T. -0.000 min

Lab File: V30230916A27.D

Acq: 16 Sep 2023 10:28 pm

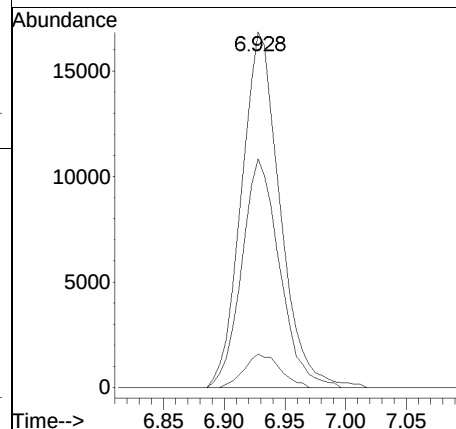
Tgt Ion: 83 Resp: 37210

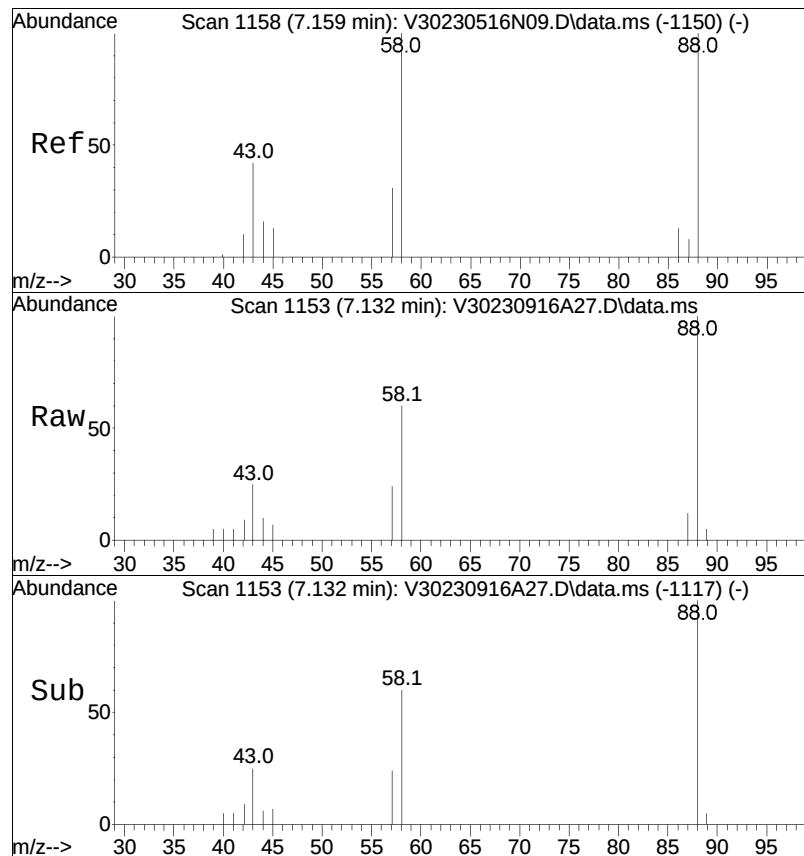
Ion Ratio Lower Upper

83 100

85 63.1 50.2 75.2

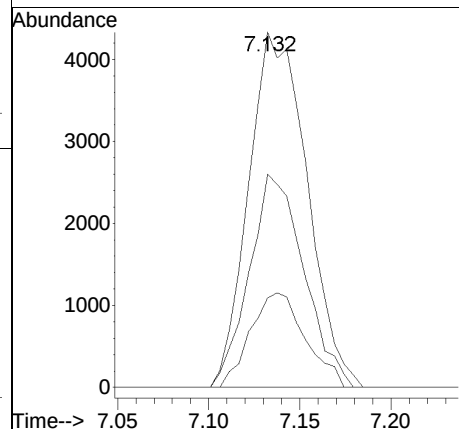
127 8.7 5.2 7.8#

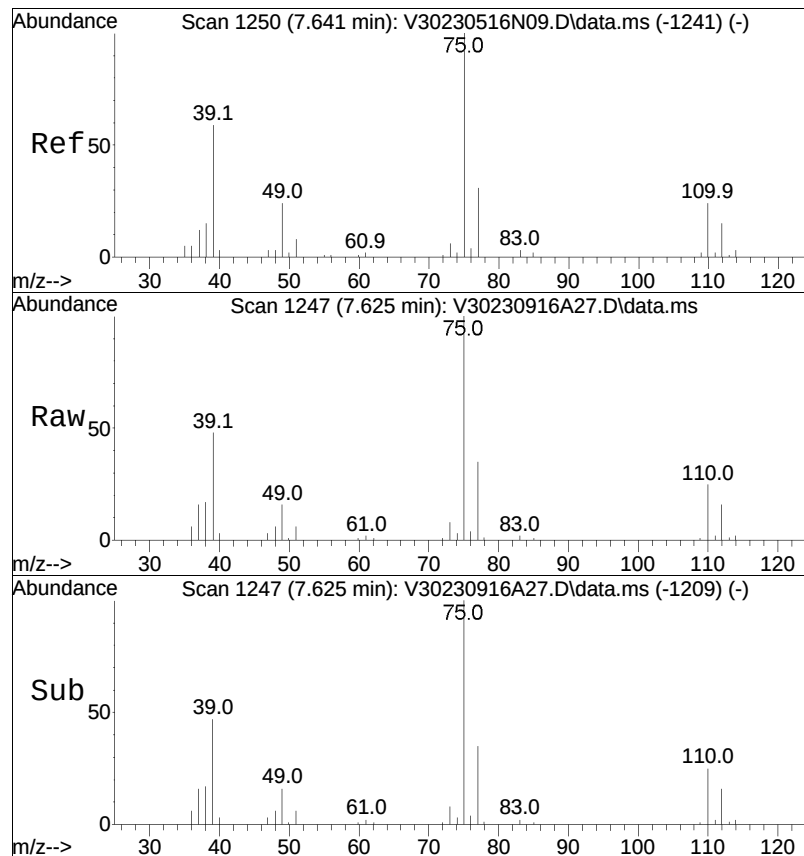




#61
 1,4-Dioxane
 Concen: 516.30 ug/L
 RT: 7.132 min Scan# 1153
 Delta R.T. -0.011 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

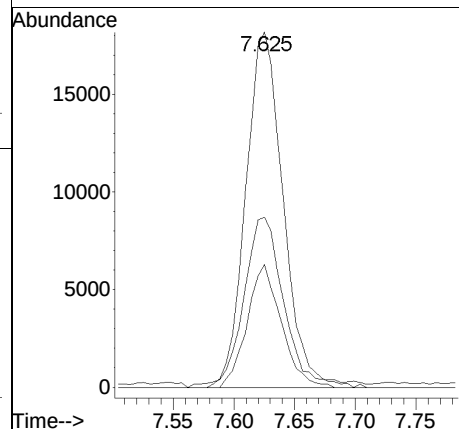
Tgt	Ion: 88	Resp:	9659
Ion	Ratio	Lower	Upper
88	100		
58	56.1	59.9	89.9#
43	25.0	30.8	46.2#

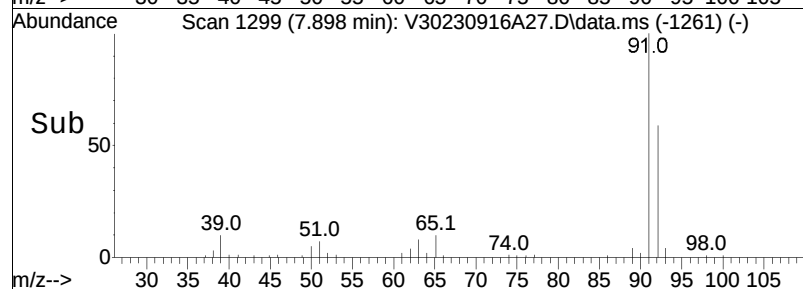
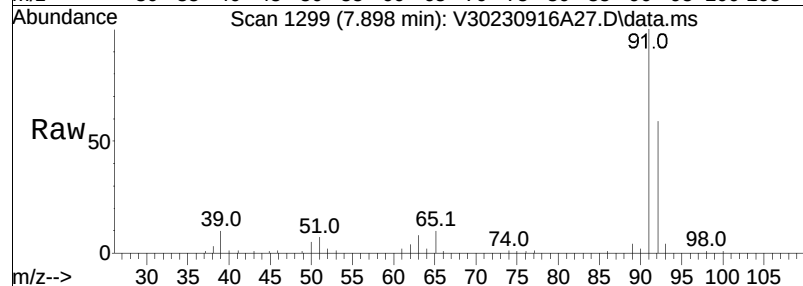
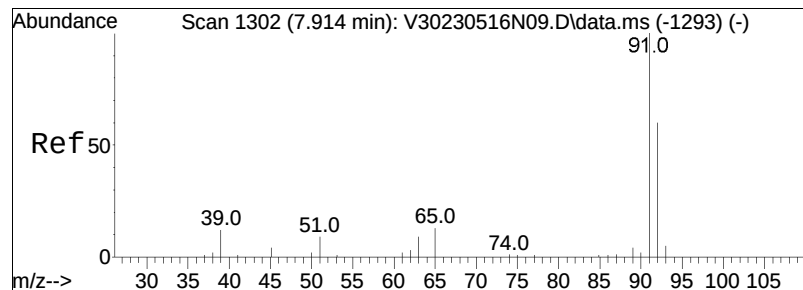




#62
 cis-1,3-Dichloropropene
 Concen: 9.28 ug/L
 RT: 7.625 min Scan# 1247
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

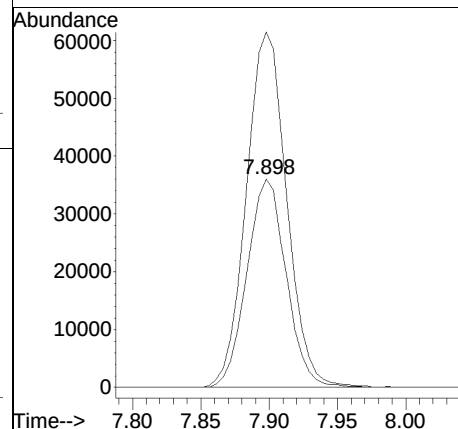
Tgt Ion:	75	Resp:	38765
Ion Ratio	Lower	Upper	
75	100		
77	31.8	25.4	38.2
39	52.1	54.6	82.0#

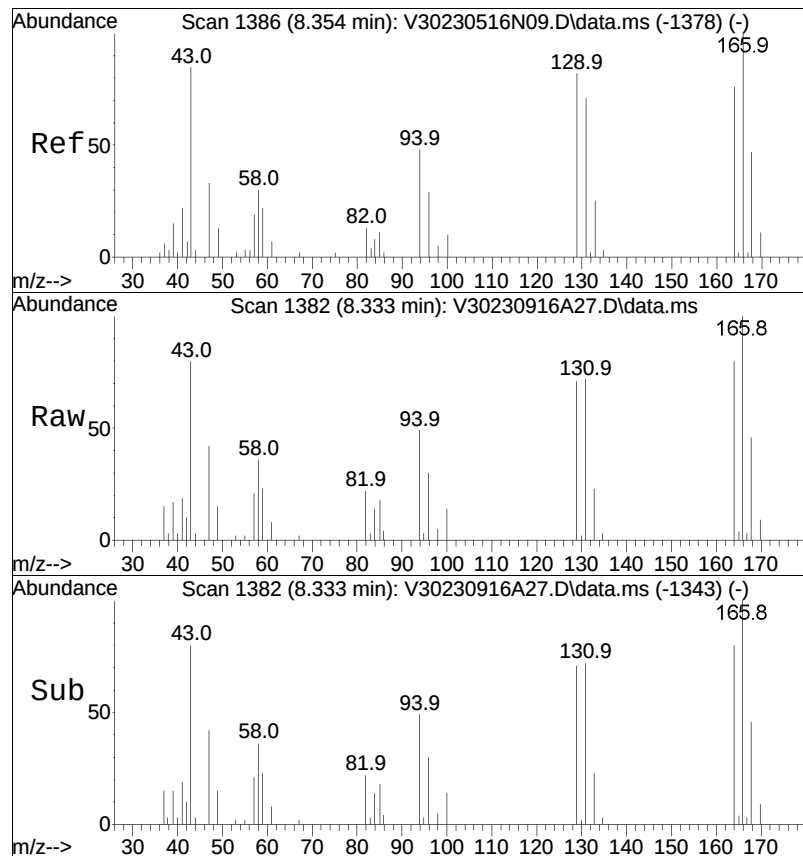




#65
Toluene
Concen: 10.10 ug/L
RT: 7.898 min Scan# 1299
Delta R.T. -0.000 min
Lab File: V30230916A27.D
Acq: 16 Sep 2023 10:28 pm

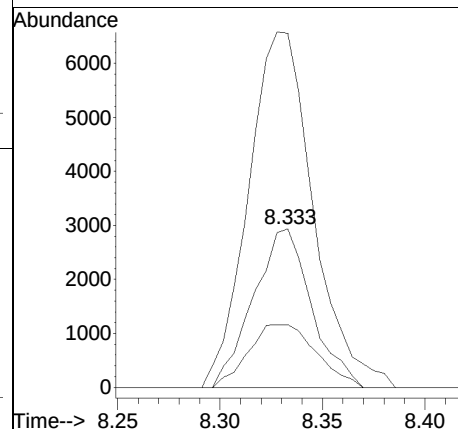
Tgt Ion:	92	Resp:	71949
Ion Ratio	Lower	Upper	
92	100		
91	175.4	137.5	206.3

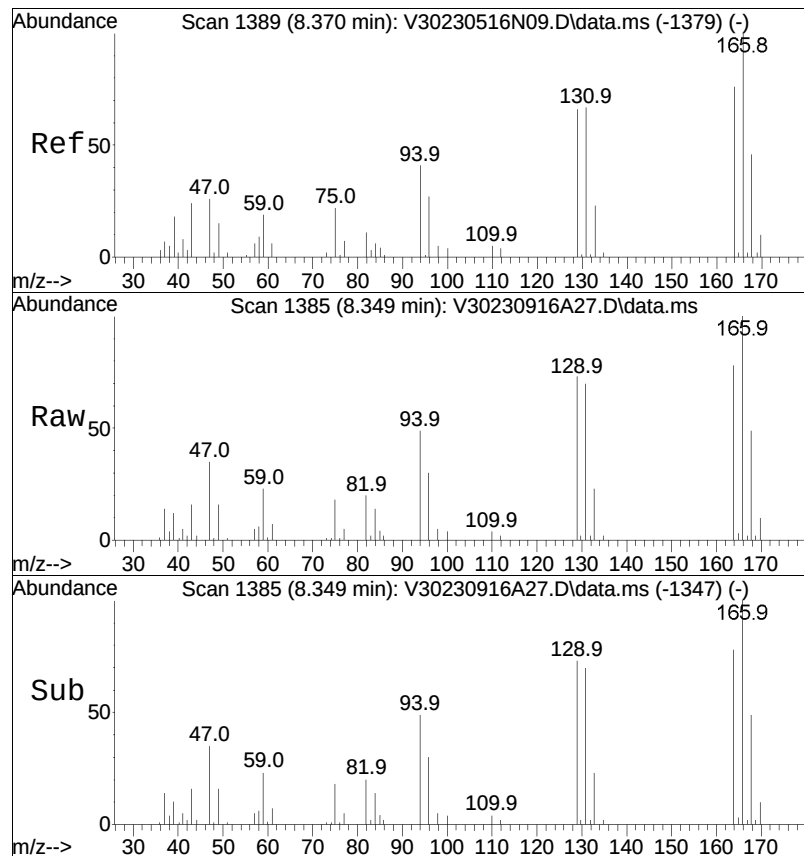




#66
 4-Methyl-2-pentanone
 Concen: 9.94 ug/L
 RT: 8.333 min Scan# 1382
 Delta R.T. 0.005 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

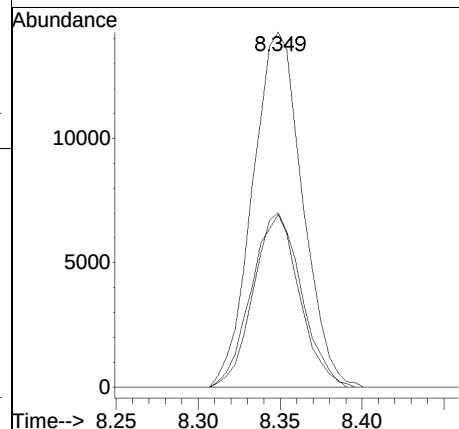
Tgt	Ion	Resp	Lower	Upper
58	100			
100	46.2	22.6	34.0#	
43	250.1	234.6	351.8	

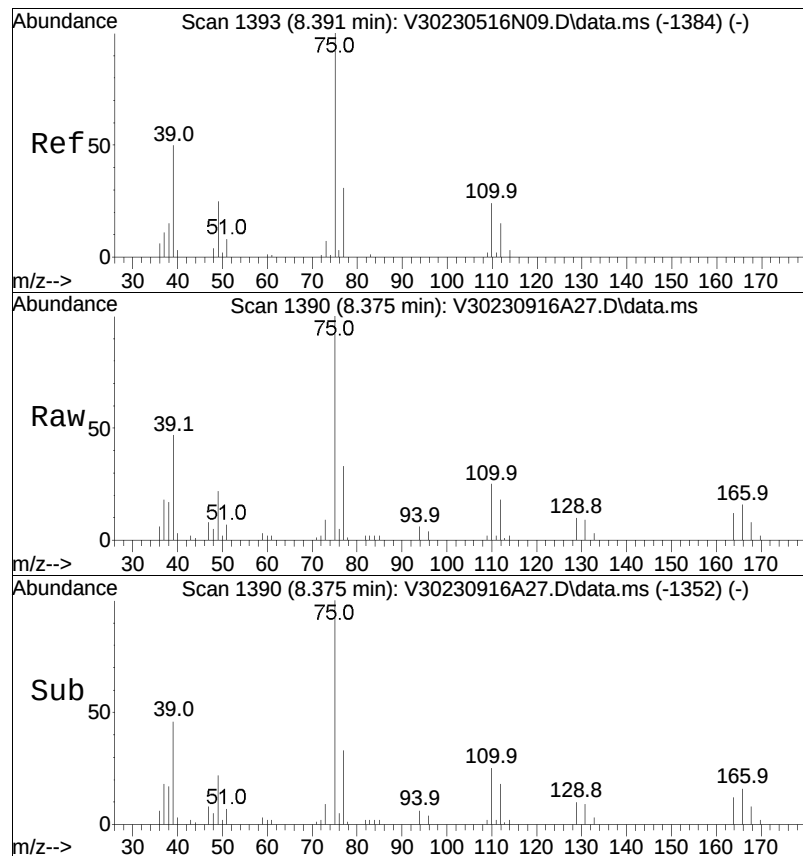




#67
 Tetrachloroethene
 Concen: 9.94 ug/L
 RT: 8.349 min Scan# 1385
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

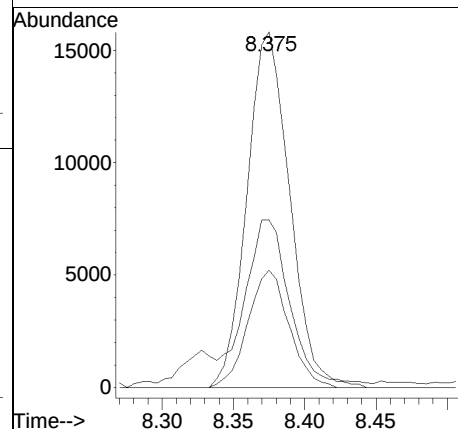
Tgt	Ion:166	Resp:	30212
Ion	Ratio	Lower	Upper
166	100		
168	47.4	38.6	58.0
94	47.0	42.6	63.8

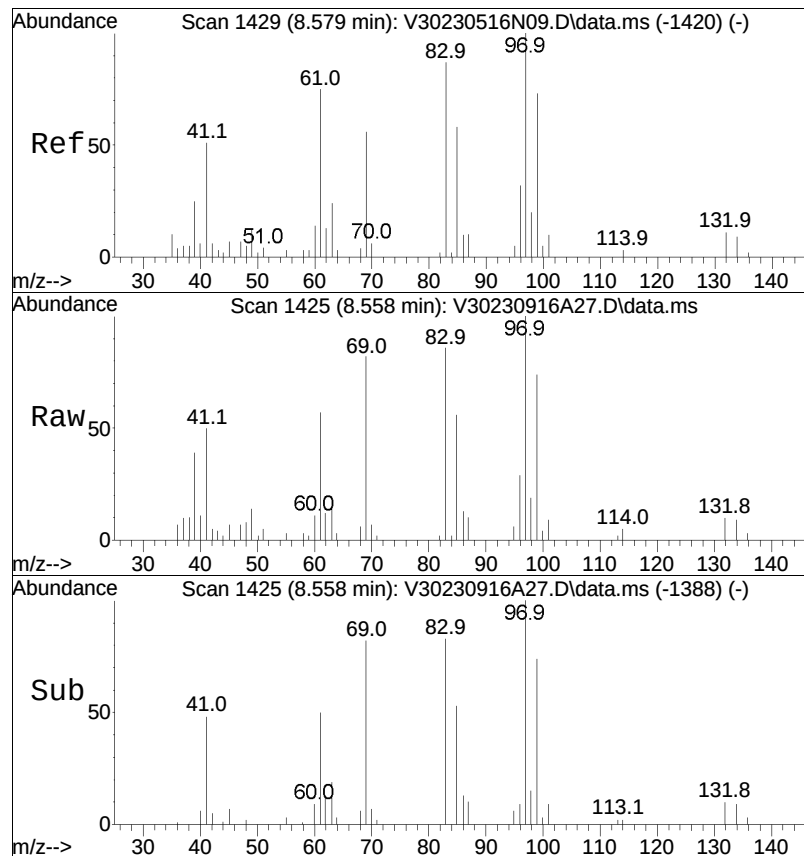




#69
trans-1,3-Dichloropropene
Concen: 9.49 ug/L
RT: 8.375 min Scan# 1390
Delta R.T. -0.000 min
Lab File: V30230916A27.D
Acq: 16 Sep 2023 10:28 pm

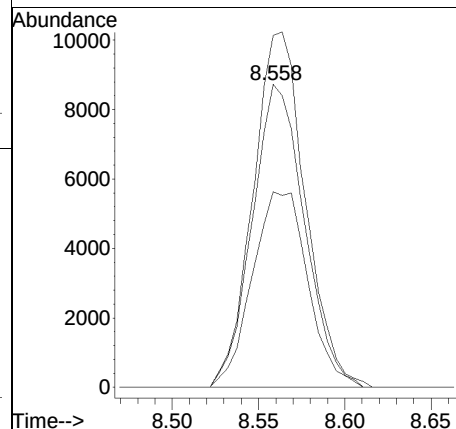
Tgt Ion:	75	Resp:	32837
Ion Ratio	Lower	Upper	
75	100		
77	31.8	25.6	38.4
39	48.2	60.2	90.4#

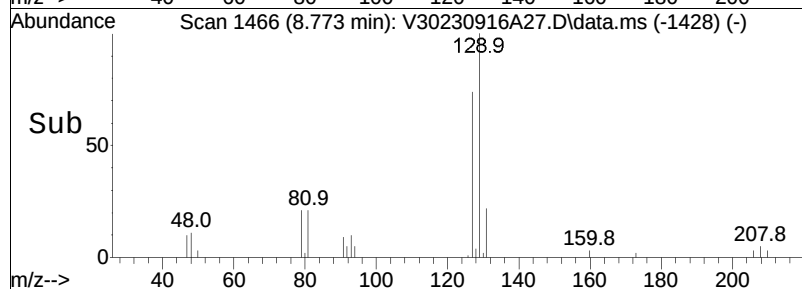
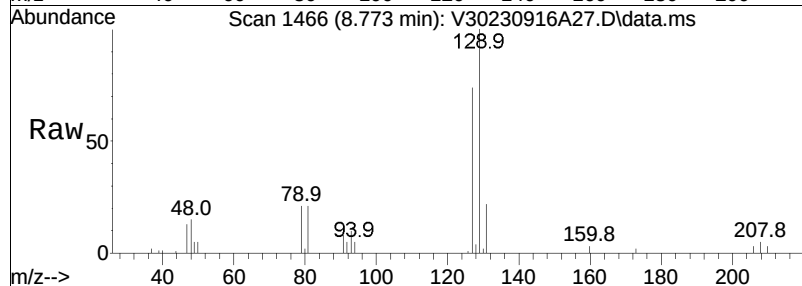
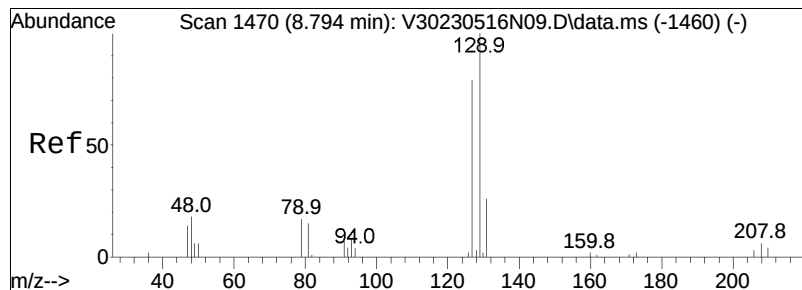




#72
 1,1,2-Trichloroethane
 Concen: 10.18 ug/L
 RT: 8.558 min Scan# 1425
 Delta R.T. -0.005 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

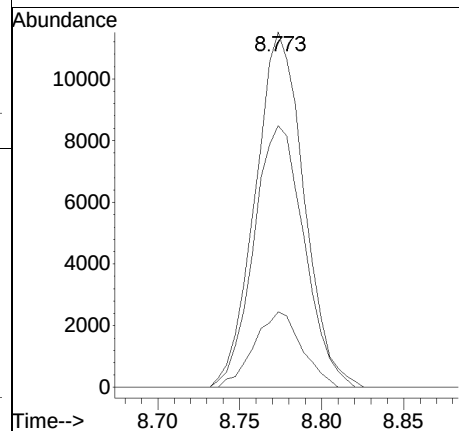
Tgt Ion:	83	Resp:	18378
Ion Ratio	Lower	Upper	
83	100		
97	117.8	87.7	131.5
85	68.7	53.1	79.7

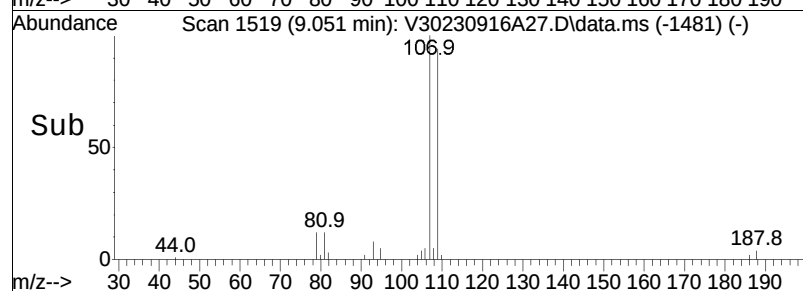
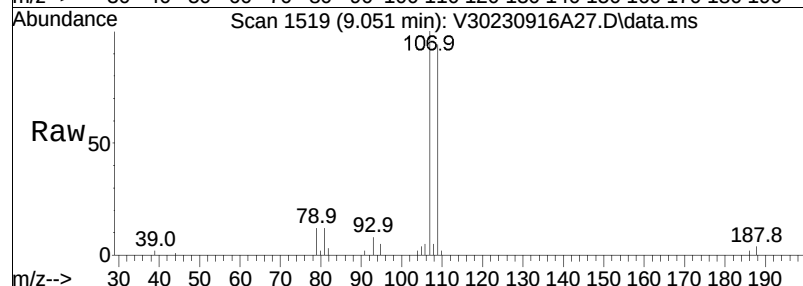
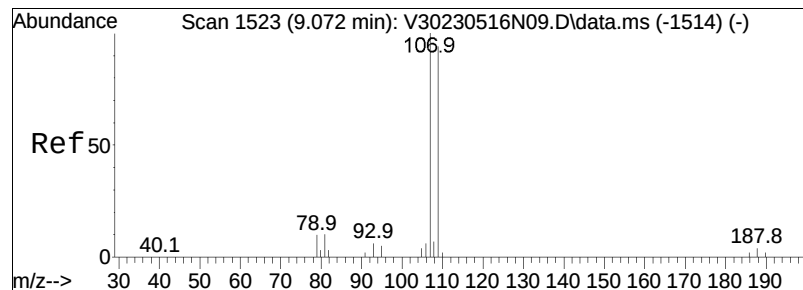




#73
 Chlorodibromomethane
 Concen: 9.25 ug/L
 RT: 8.773 min Scan# 1466
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

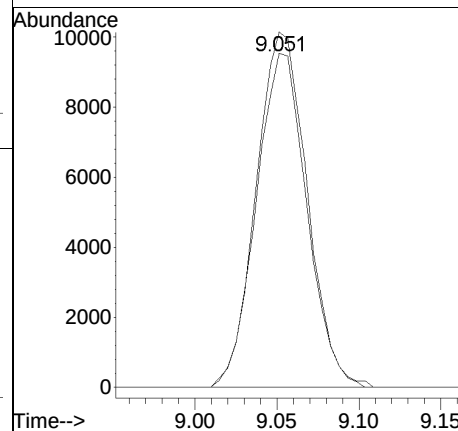
Tgt Ion	Ratio	Lower	Upper
129	100		
81	20.7	14.6	22.0
127	76.4	62.6	93.8

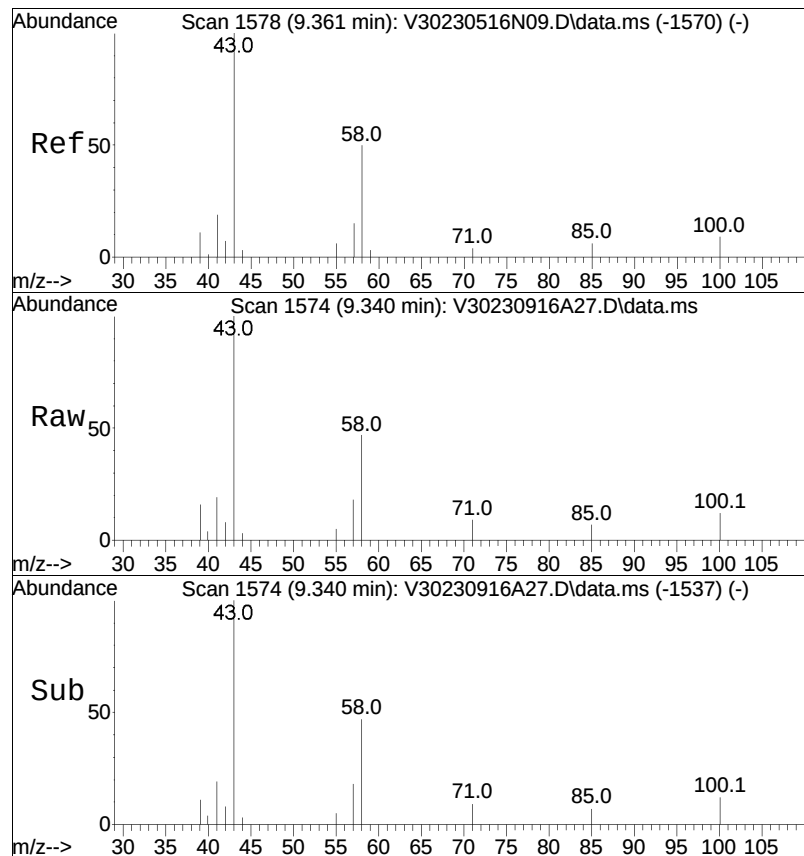




#75
 1,2-Dibromoethane
 Concen: 10.04 ug/L
 RT: 9.051 min Scan# 1519
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

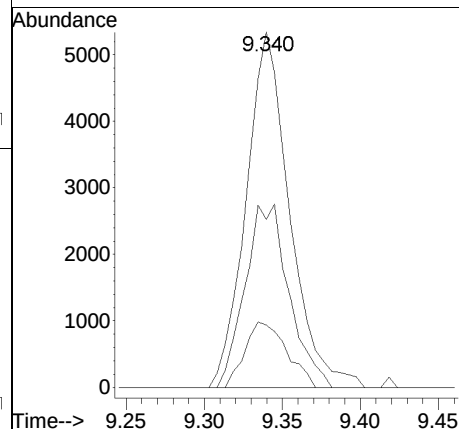
Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.0	112.4

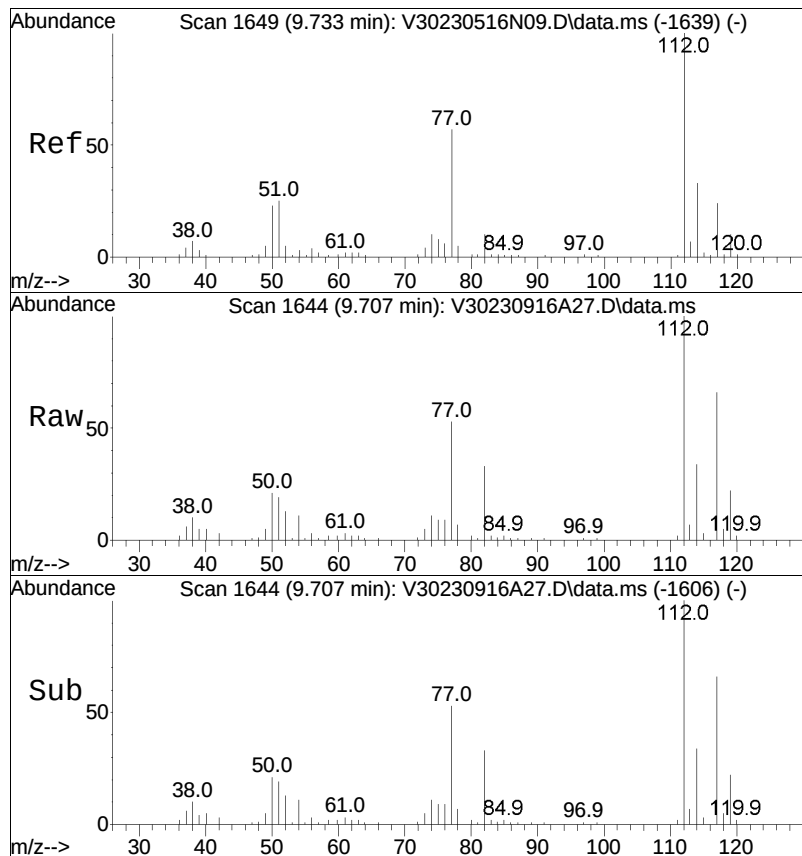




#77
 2-Hexanone
 Concen: 9.52 ug/L
 RT: 9.340 min Scan# 1574
 Delta R.T. -0.005 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

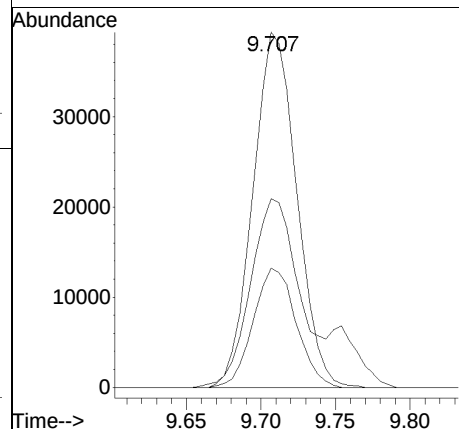
Tgt Ion:	43	Resp:	10357
Ion Ratio	Lower	Upper	
43	100		
58	51.9	38.6	58.0
57	17.7	14.1	21.1

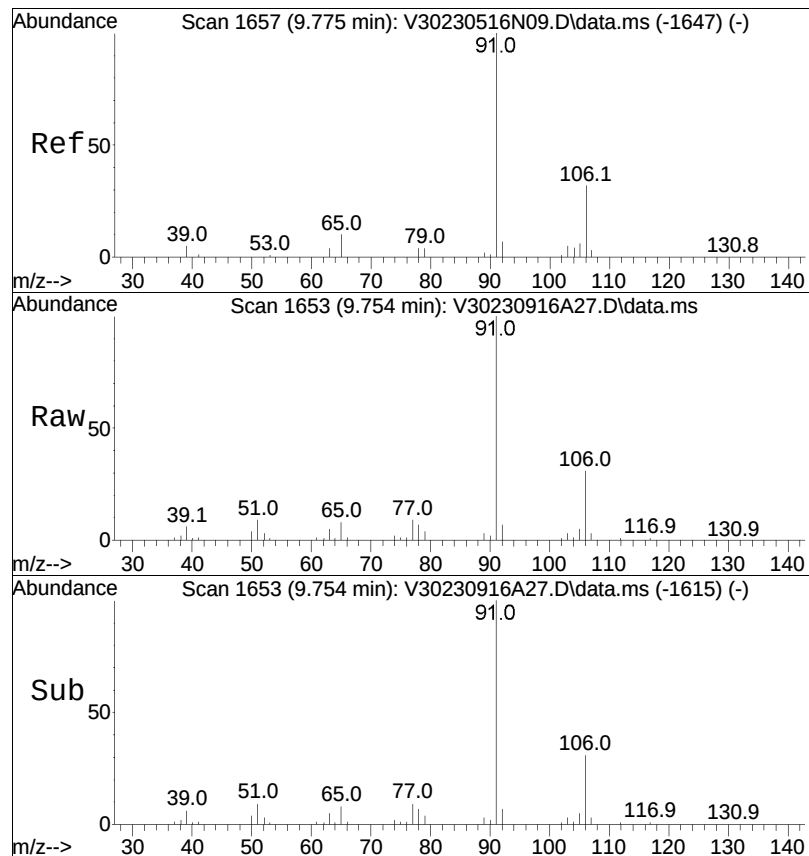




#78
 Chlorobenzene
 Concen: 9.83 ug/L
 RT: 9.707 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

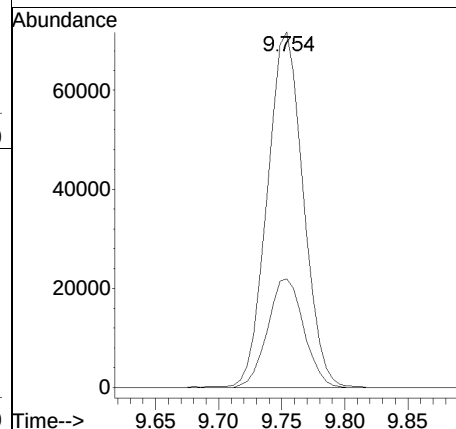
Tgt	Ion:112	Resp:	80364
Ion	Ratio	Lower	Upper
112	100		
77	59.6	54.8	82.2
114	32.9	25.4	38.0

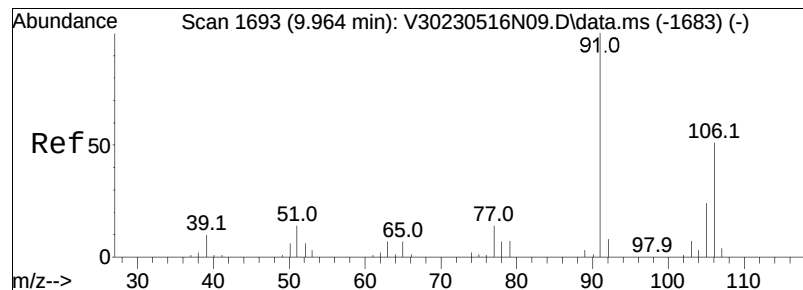




#79
 Ethylbenzene
 Concen: 10.31 ug/L
 RT: 9.754 min Scan# 1653
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

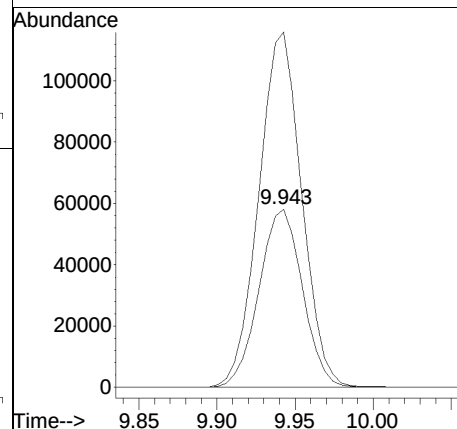
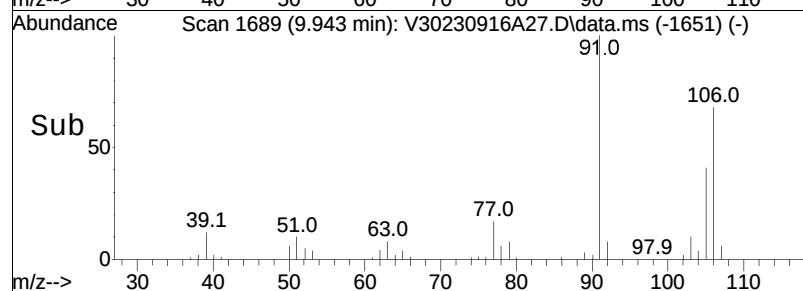
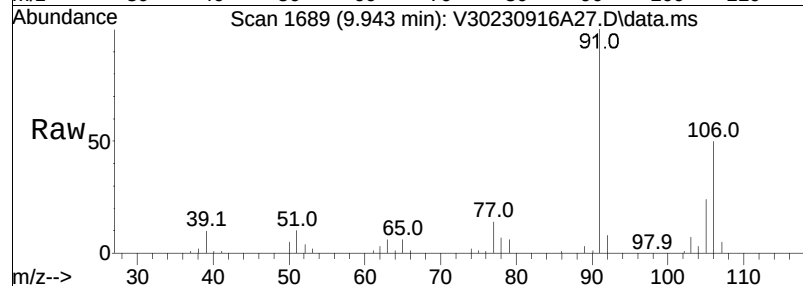
Tgt	Ion	Resp	Lower	Upper
91	100	142258		
106	30.7	23.4	35.2	

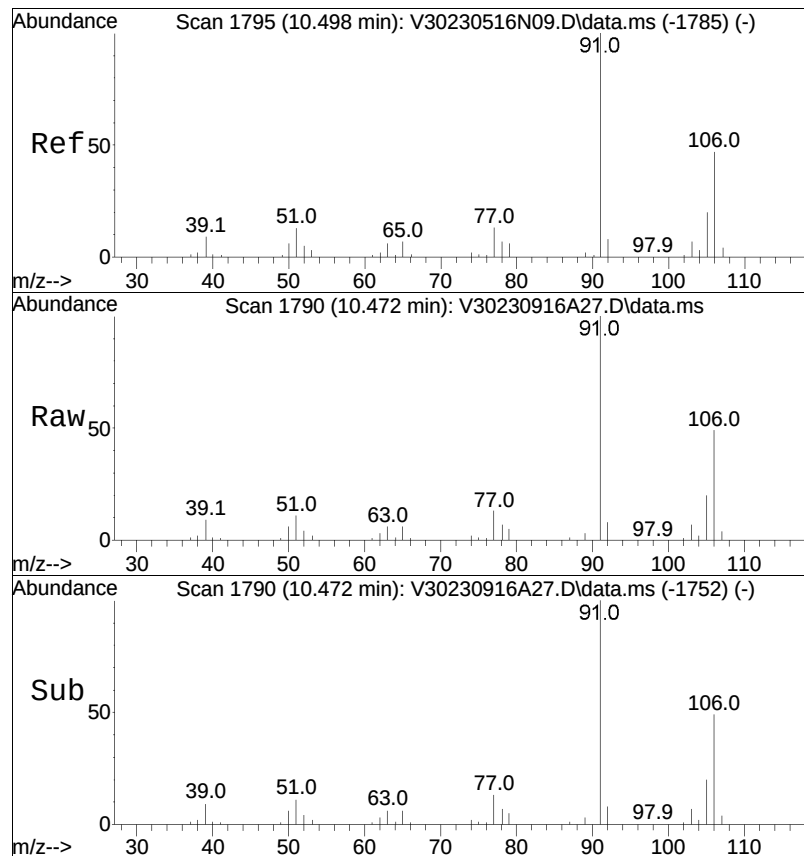




#81
 p/m Xylene
 Concen: 19.53 ug/L
 RT: 9.943 min Scan# 1689
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

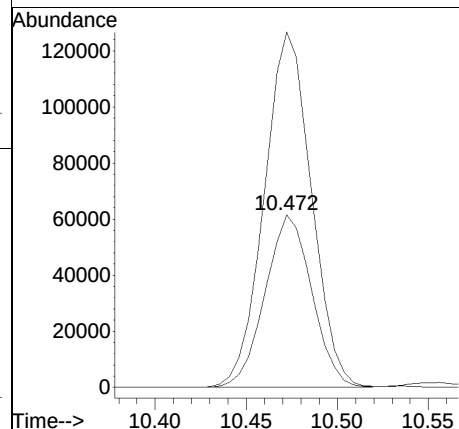
Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.0	171.4	257.2

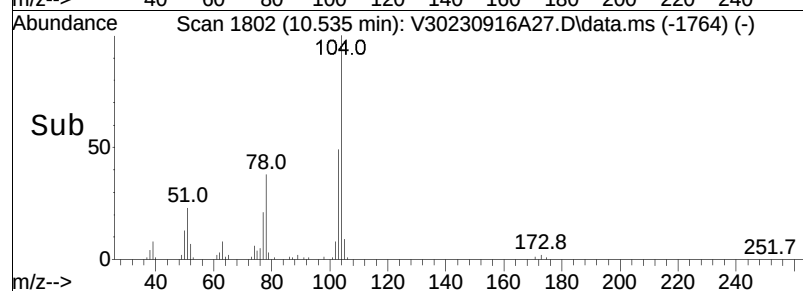
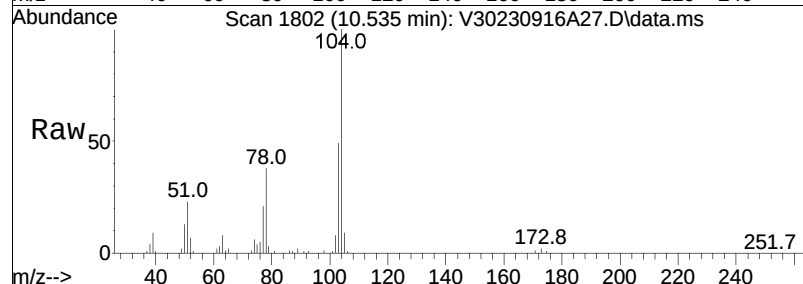
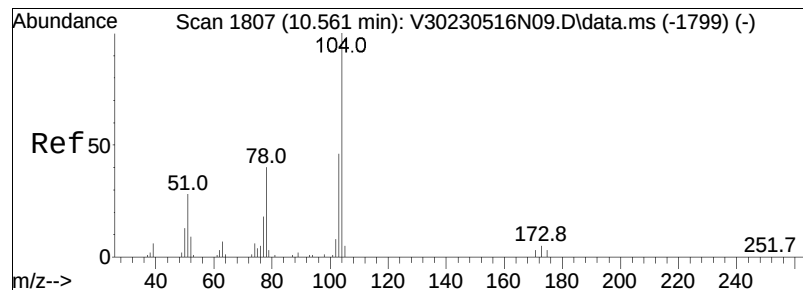




#82
 o Xylene
 Concen: 18.59 ug/L
 RT: 10.472 min Scan# 1790
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.0	179.2	268.8





#83

Styrene

Concen: 18.51 ug/L

RT: 10.535 min Scan# 1802

Delta R.T. -0.000 min

Lab File: V30230916A27.D

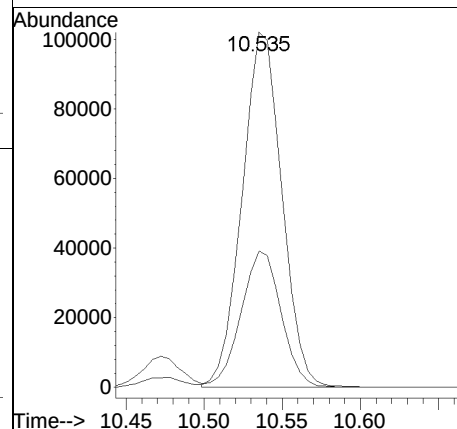
Acq: 16 Sep 2023 10:28 pm

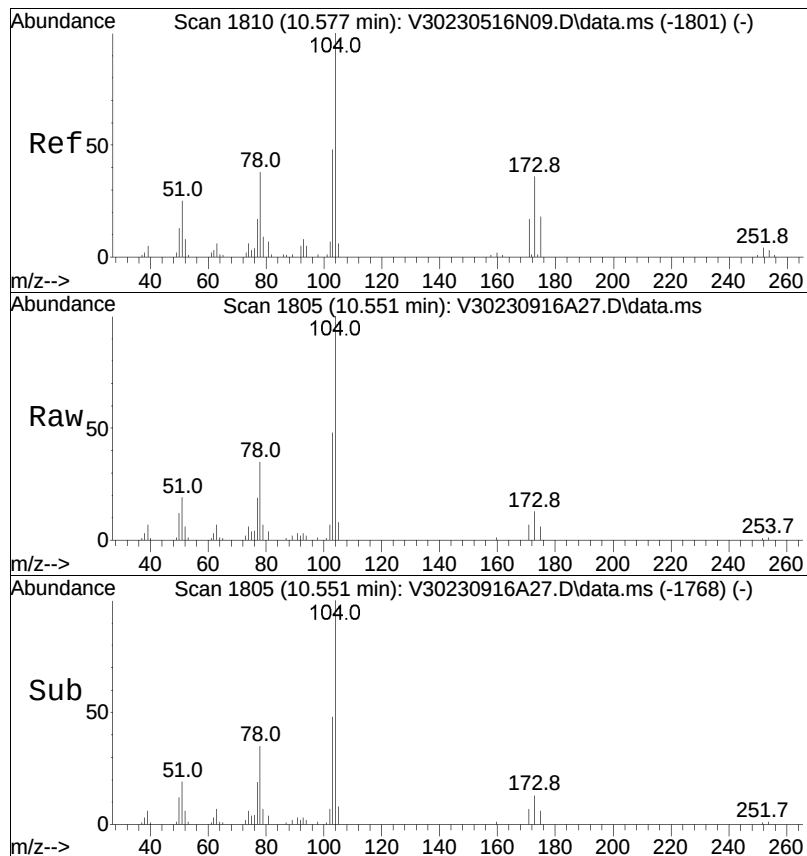
Tgt Ion:104 Resp: 180911

Ion Ratio Lower Upper

104 100

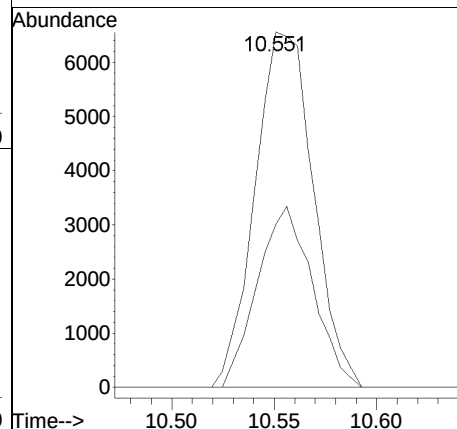
78 38.7 38.1 57.1

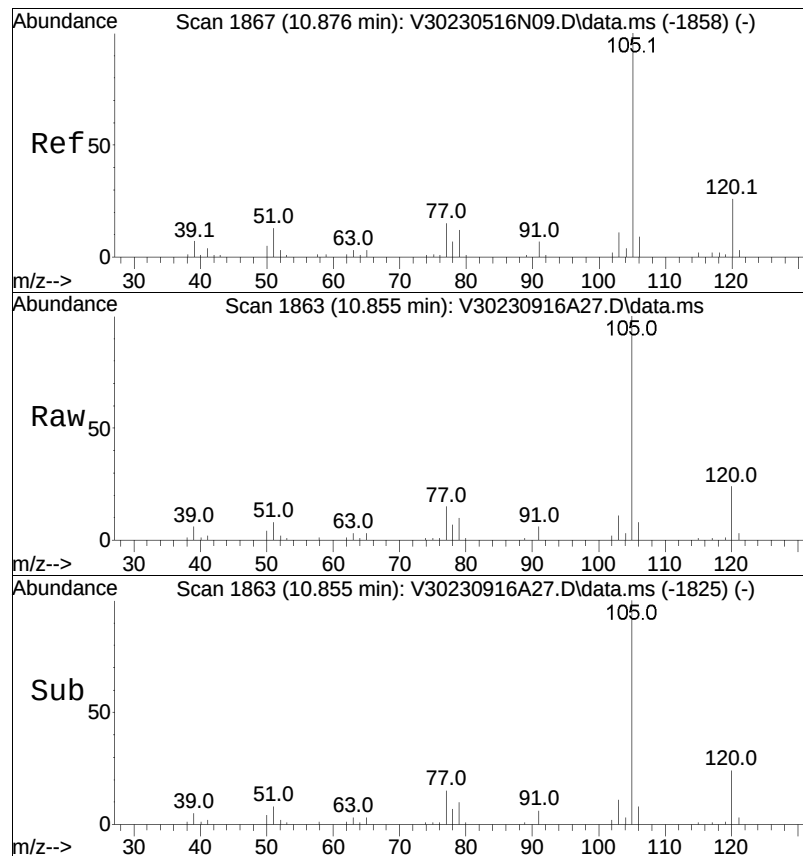




#85
 Bromoform
 Concen: 7.81 ug/L
 RT: 10.551 min Scan# 1805
 Delta R.T. -0.005 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

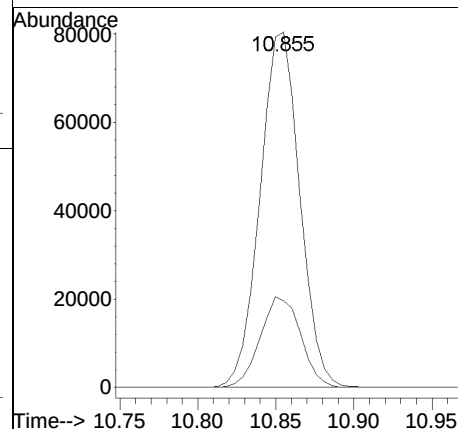
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	37.8	56.6

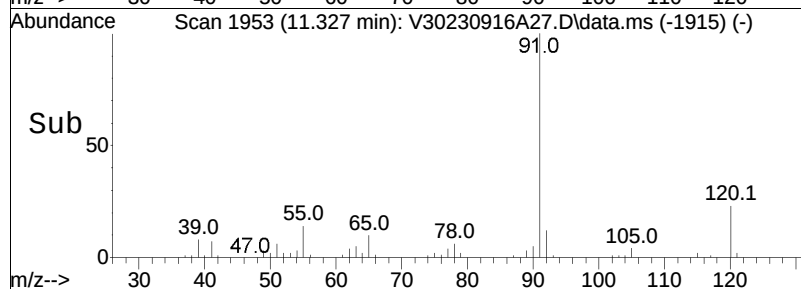
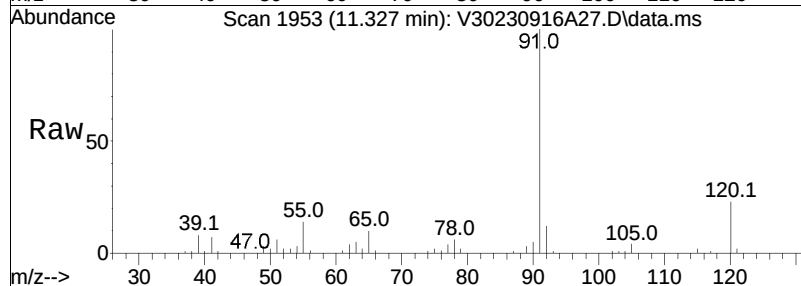
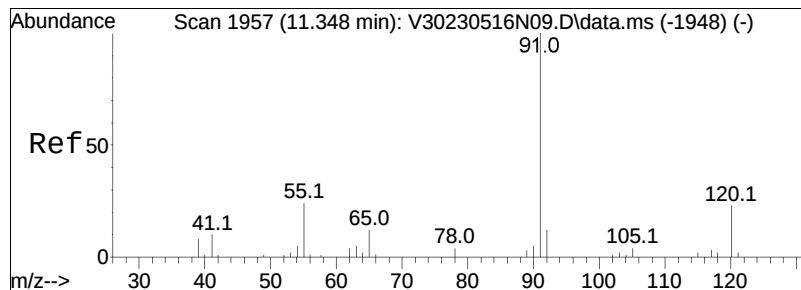




#87
 Isopropylbenzene
 Concen: 10.27 ug/L
 RT: 10.855 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

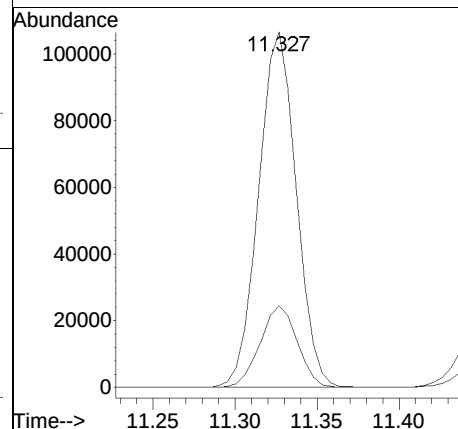
Tgt Ion	105	120	Ratio	Lower	Upper
105	100				
120	25.9		20.0	30.0	

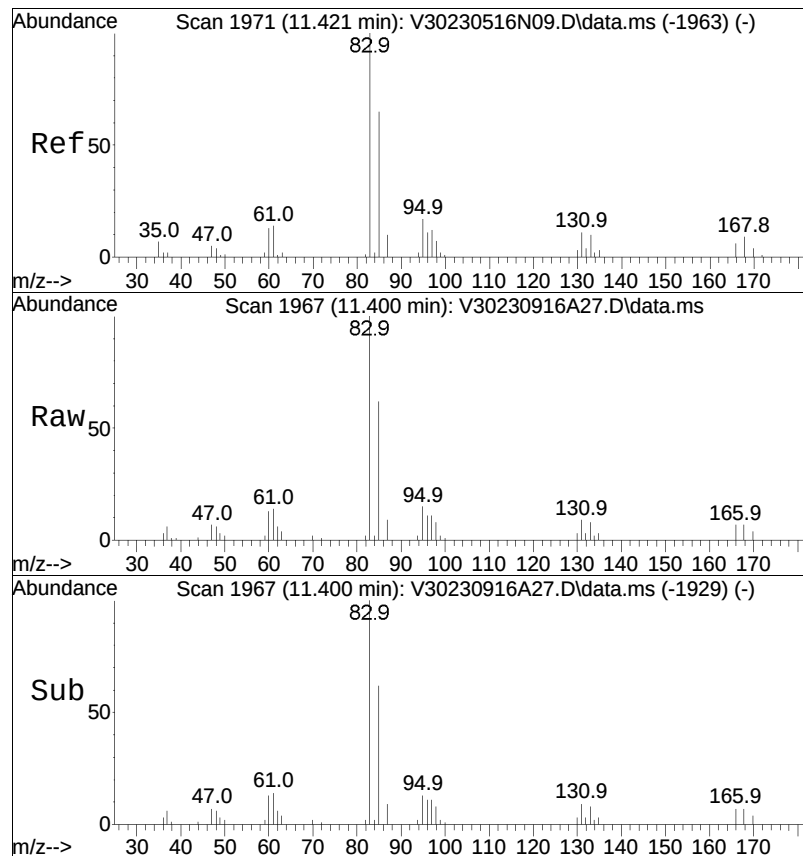




#90
 n-Propylbenzene
 Concen: 10.38 ug/L
 RT: 11.327 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

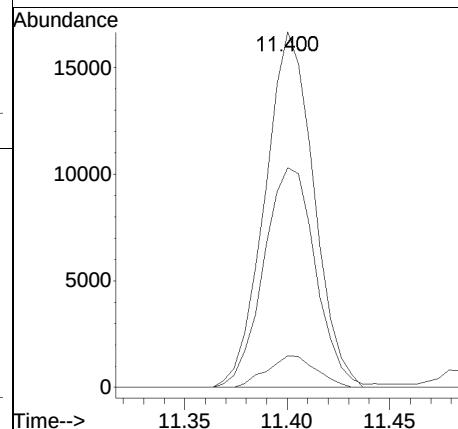
Tgt Ion:	91	Resp:	170253
Ion Ratio	Lower	Upper	
91	100		
120	22.6	16.3	24.5

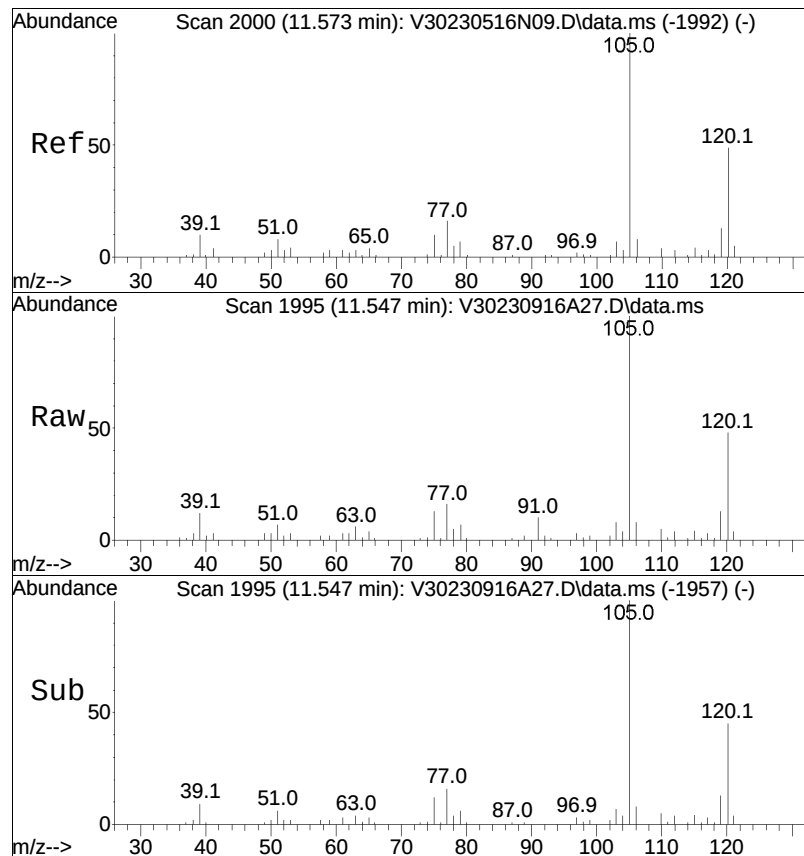




#92
 1,1,2,2-Tetrachloroethane
 Concen: 11.54 ug/L
 RT: 11.400 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

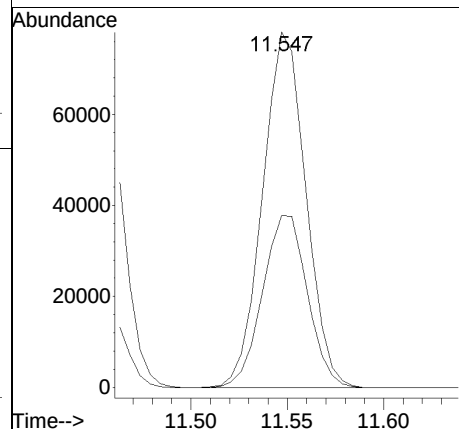
Tgt Ion:	83	Resp:	27711
Ion Ratio	Lower	Upper	
83	100		
131	9.0	6.6	10.0
85	65.9	51.8	77.6

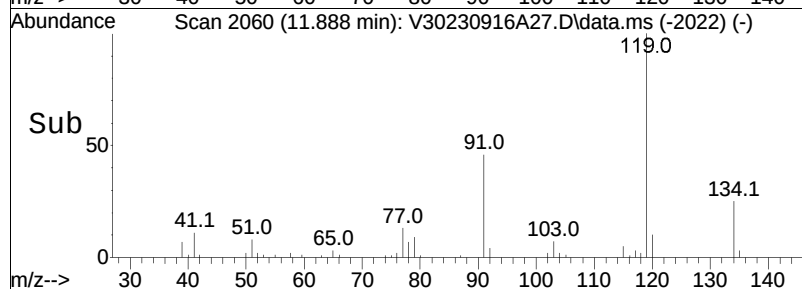
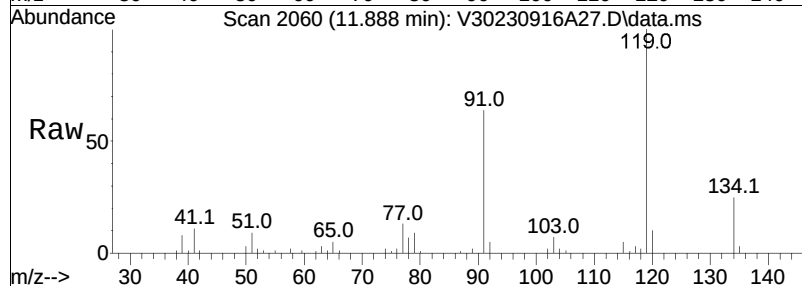
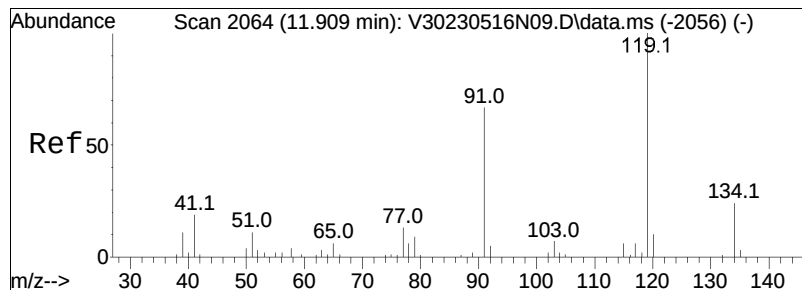




#95
 1,3,5-Trimethylbenzene
 Concen: 9.81 ug/L
 RT: 11.547 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

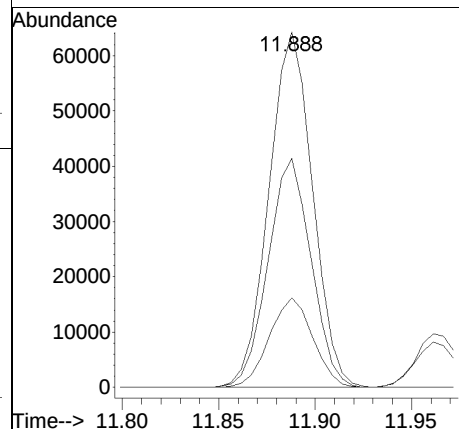
Tgt Ion	105	120	Ratio	Lower	Upper
105	100				
120	50.2		37.8	56.6	

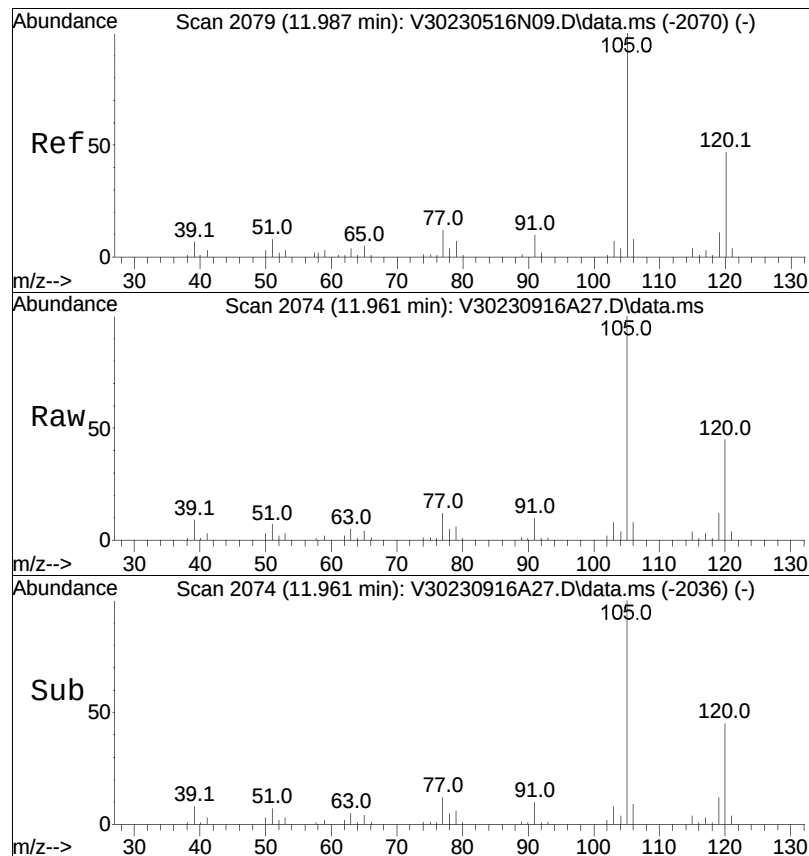




#99
 tert-Butylbenzene
 Concen: 10.03 ug/L
 RT: 11.888 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

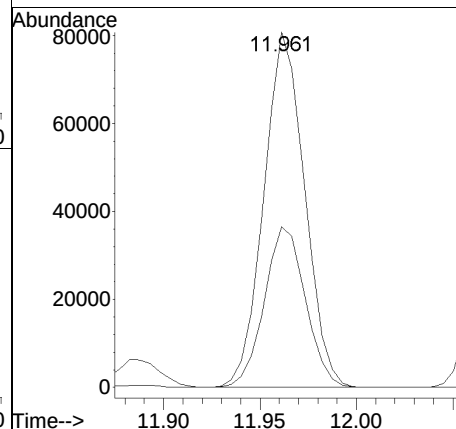
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.6	58.8	88.2
134	25.1	18.6	27.8

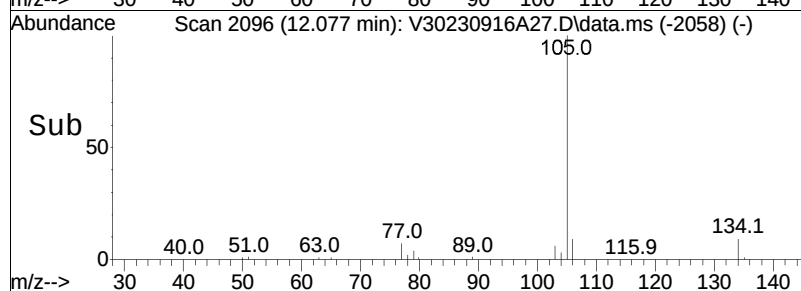
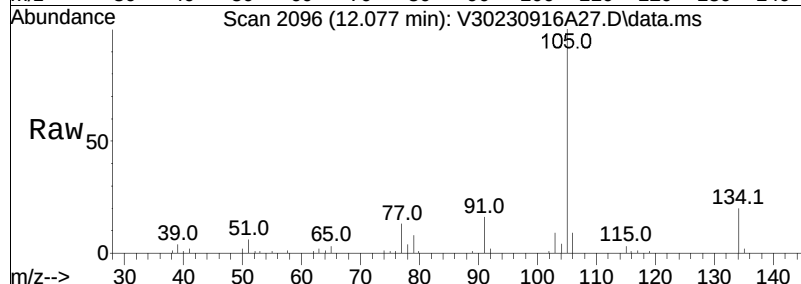
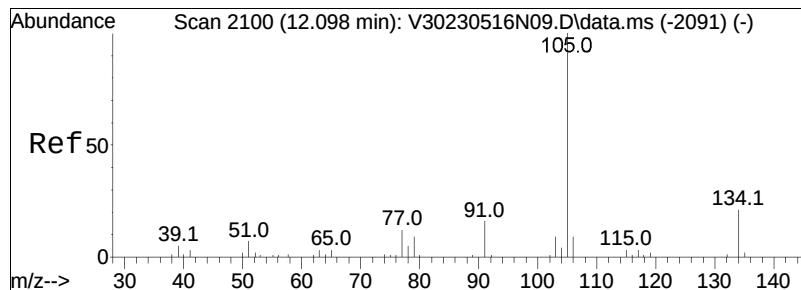




#102
 1,2,4-Trimethylbenzene
 Concen: 9.62 ug/L
 RT: 11.961 min Scan# 2074
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

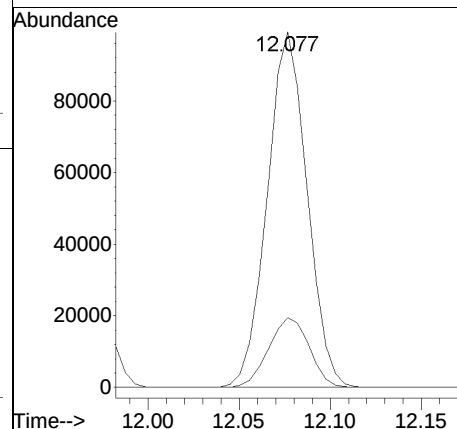
Tgt Ion	105	120	Ratio	Lower	Upper
105	100				
120	45.5		35.2	52.8	

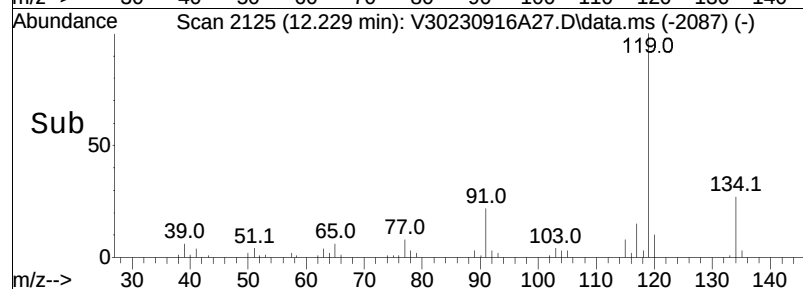
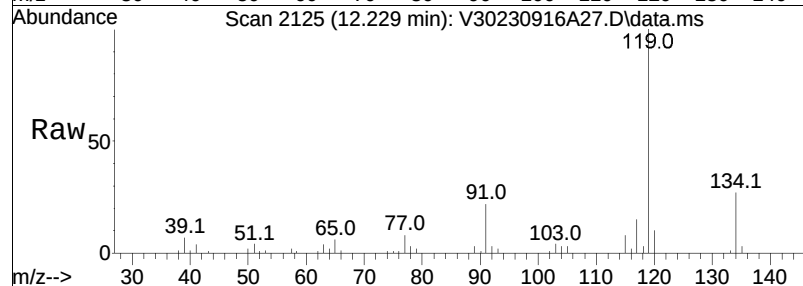
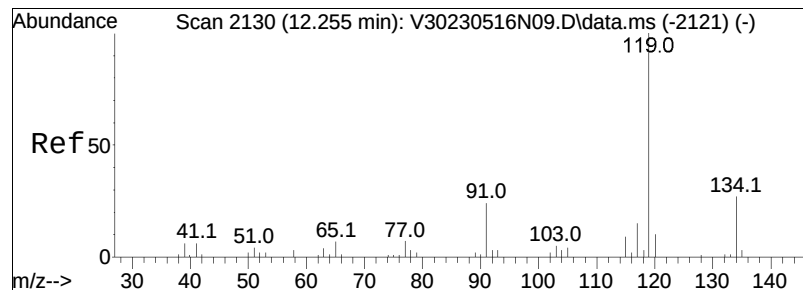




#103
 sec-Butylbenzene
 Concen: 10.10 ug/L
 RT: 12.077 min Scan# 2096
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

Tgt	Ion	Ratio	Lower	Upper
105	100			
134	20.0	11.4	23.6	





#104

p-Isopropyltoluene

Concen: 9.76 ug/L

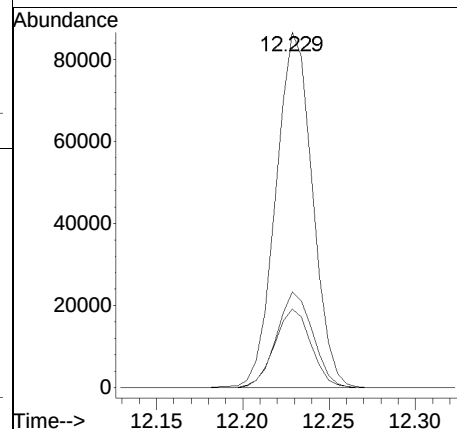
RT: 12.229 min Scan# 2125

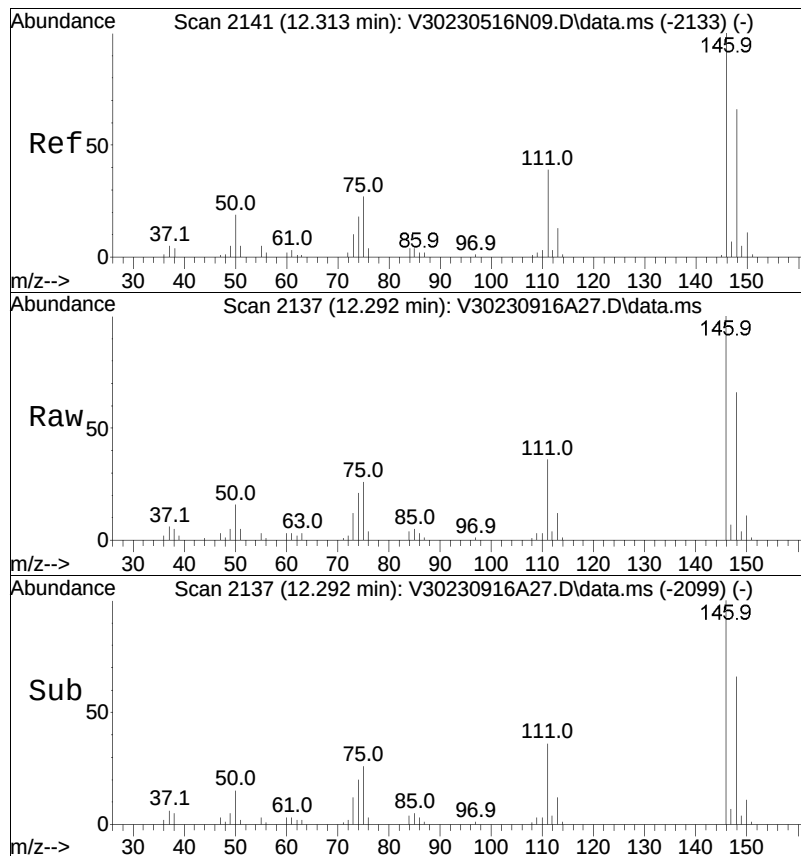
Delta R.T. -0.000 min

Lab File: V30230916A27.D

Acq: 16 Sep 2023 10:28 pm

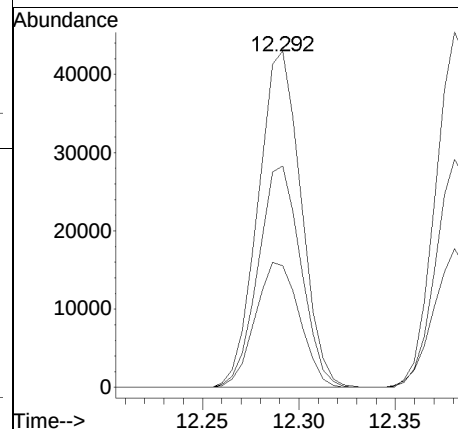
Tgt Ion:	119	Resp:	127587
Ion Ratio	Lower	Upper	
119	100		
134	26.5	15.9	33.1
91	21.9	16.6	34.4

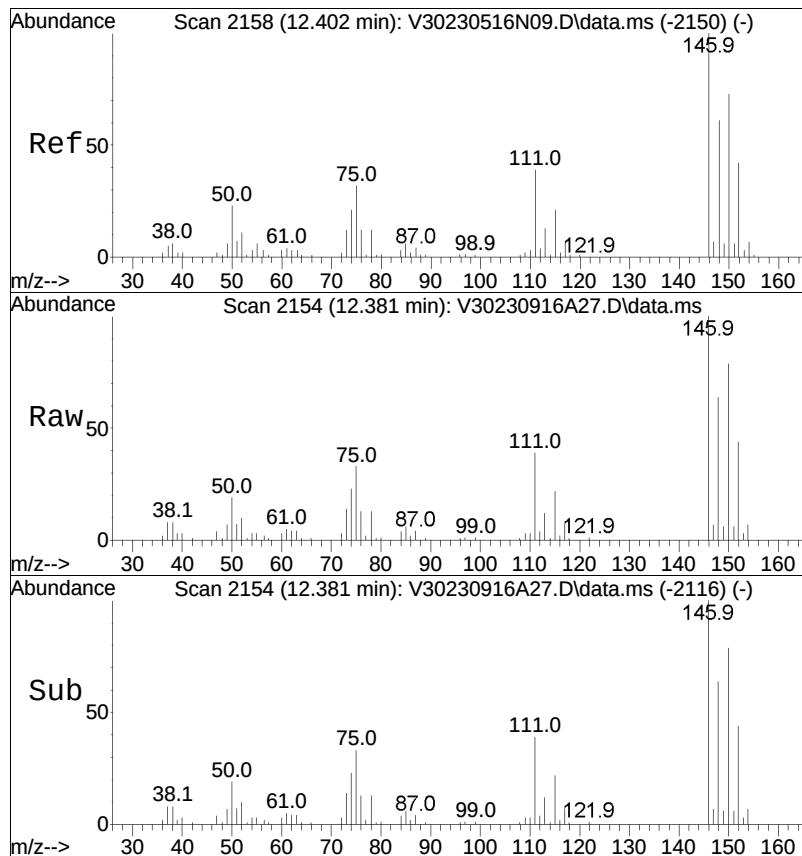




#105
 1,3-Dichlorobenzene
 Concen: 9.33 ug/L
 RT: 12.292 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

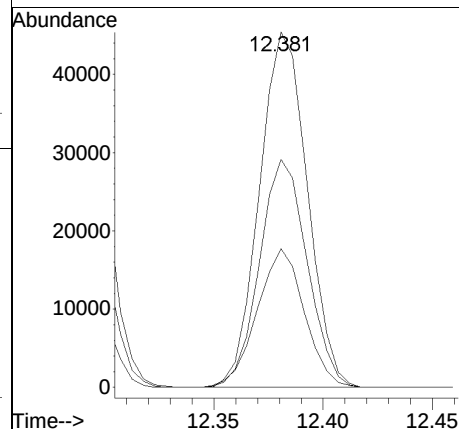
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	28.0	58.1
148	65.4	40.8	84.6

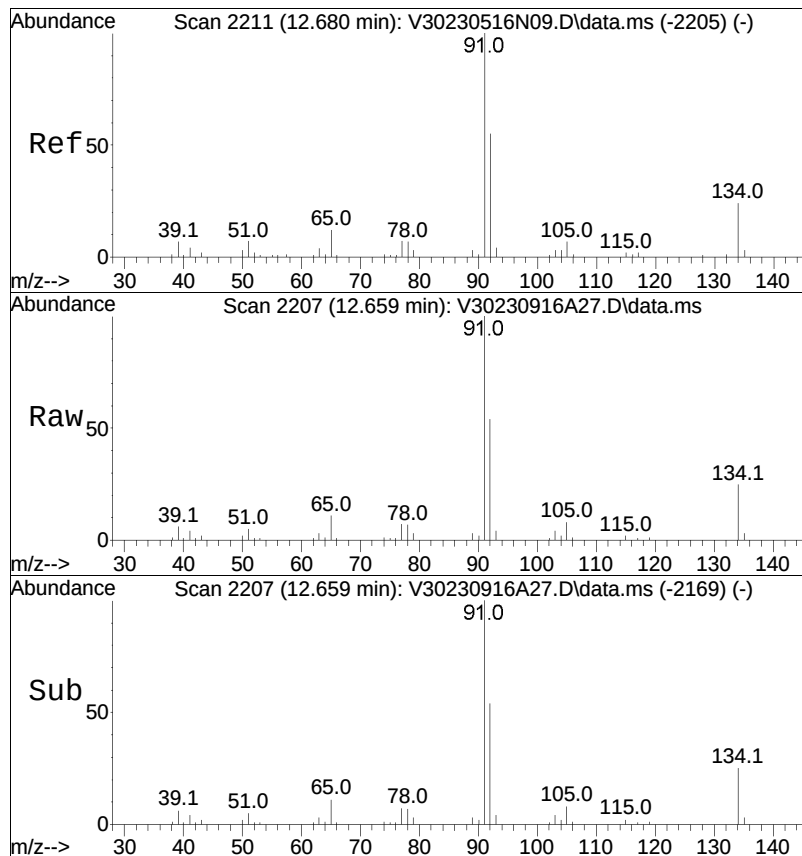




#106
 1,4-Dichlorobenzene
 Concen: 9.49 ug/L
 RT: 12.381 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

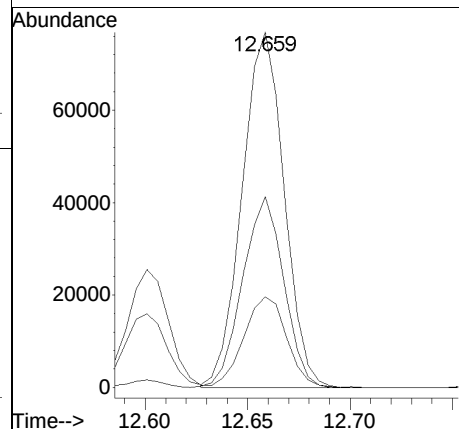
Tgt Ion:	146	Resp:	69152
Ion Ratio	Lower	Upper	
146	100		
111	38.5	33.7	50.5
148	63.9	50.8	76.2

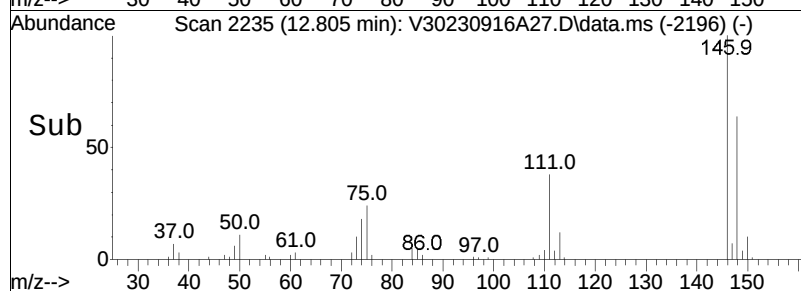
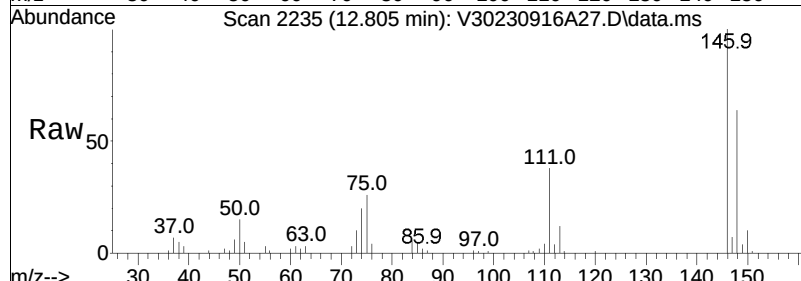
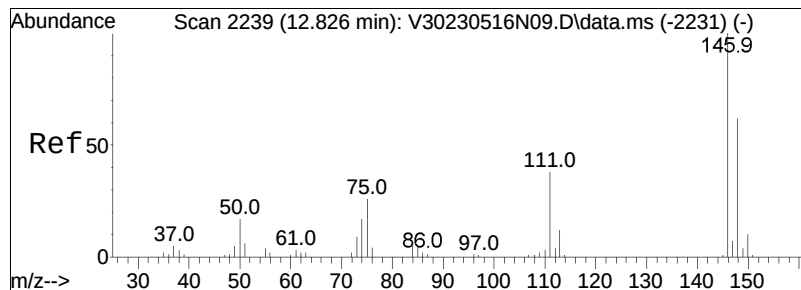




#108
 n-Butylbenzene
 Concen: 9.84 ug/L
 RT: 12.659 min Scan# 2207
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

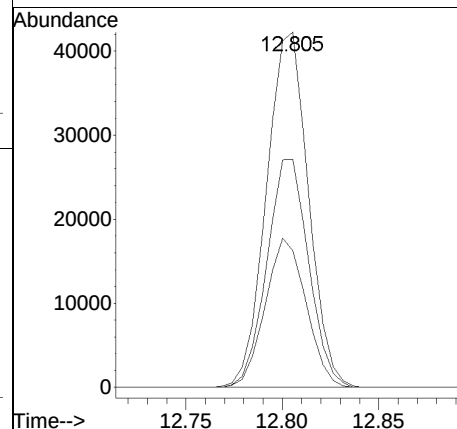
Tgt Ion:	91	Resp:	109561
Ion Ratio	Lower	Upper	
91	100		
92	52.6	44.2	66.4
134	25.8	17.8	26.6

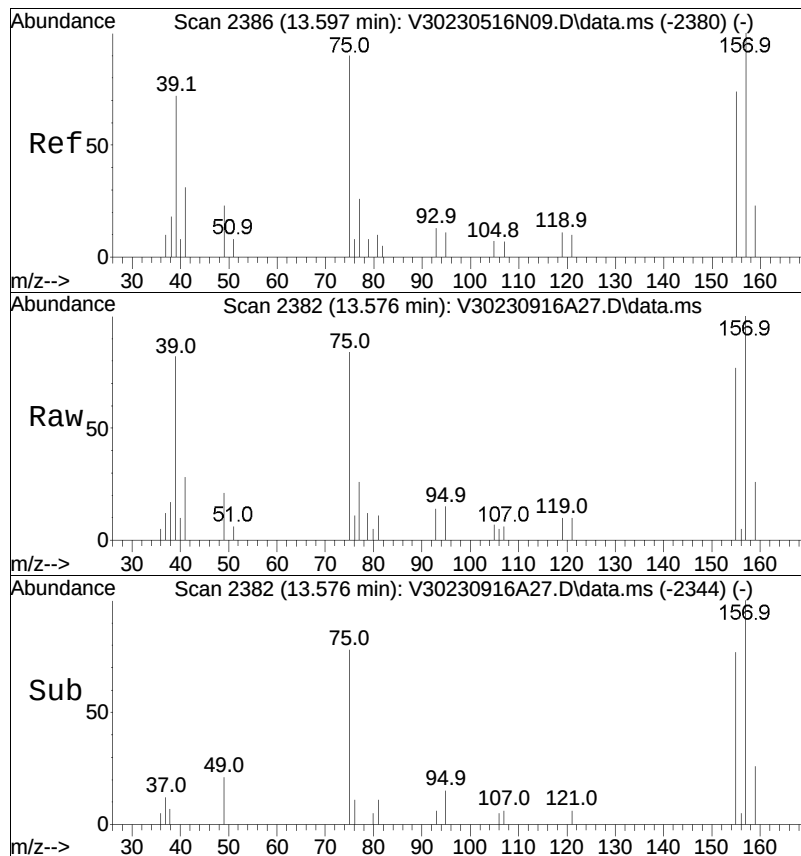




#109
 1,2-Dichlorobenzene
 Concen: 9.36 ug/L
 RT: 12.805 min Scan# 2235
 Delta R.T. 0.005 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

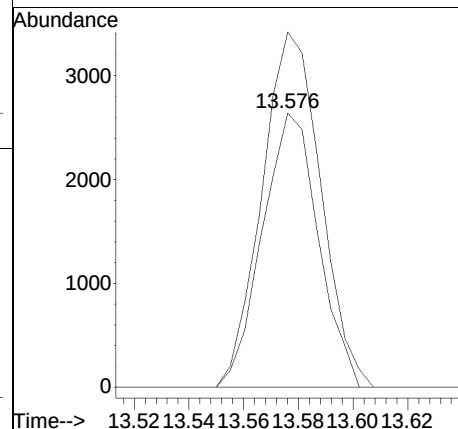
Tgt Ion:	146	Resp:	63900
Ion Ratio	Lower	Upper	
146	100		
111	40.9	29.5	61.3
148	64.0	41.3	85.9

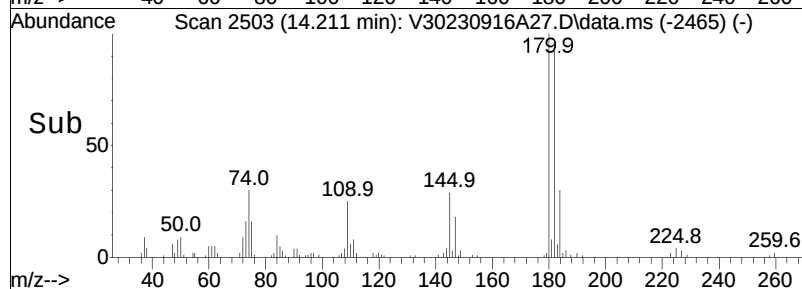
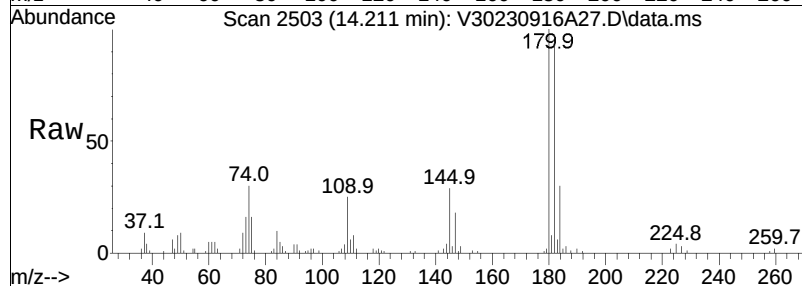
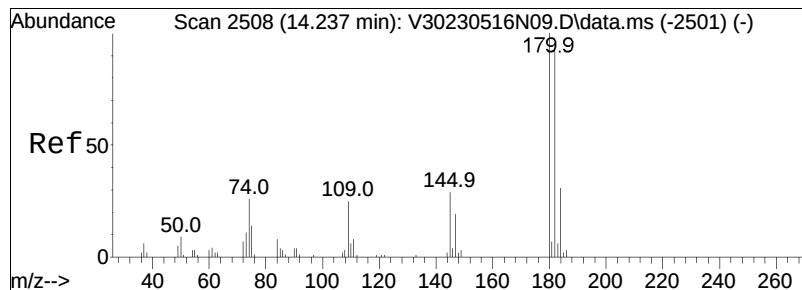




#111
 1,2-Dibromo-3-chloropropane
 Concen: 9.11 ug/L
 RT: 13.576 min Scan# 2382
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

Tgt Ion	Ratio	Lower	Upper
155	100		
157	136.0	105.1	157.7





#114

1,2,4-Trichlorobenzene

Concen: 9.30 ug/L

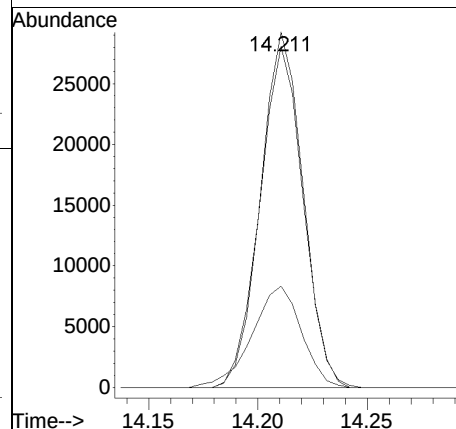
RT: 14.211 min Scan# 2503

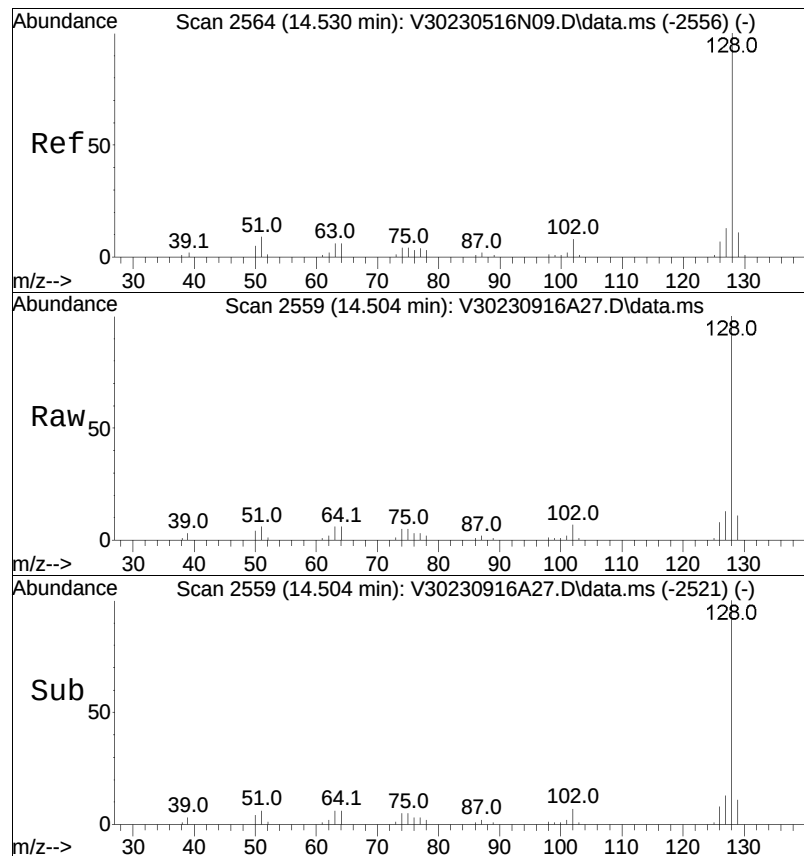
Delta R.T. -0.000 min

Lab File: V30230916A27.D

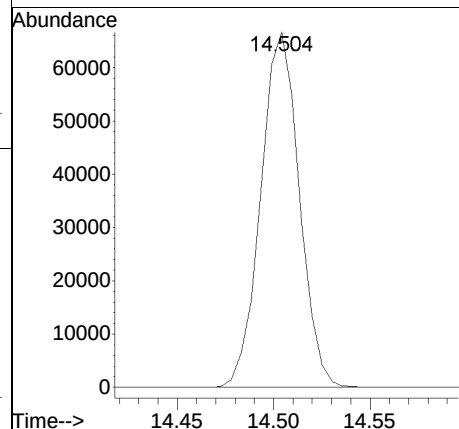
Acq: 16 Sep 2023 10:28 pm

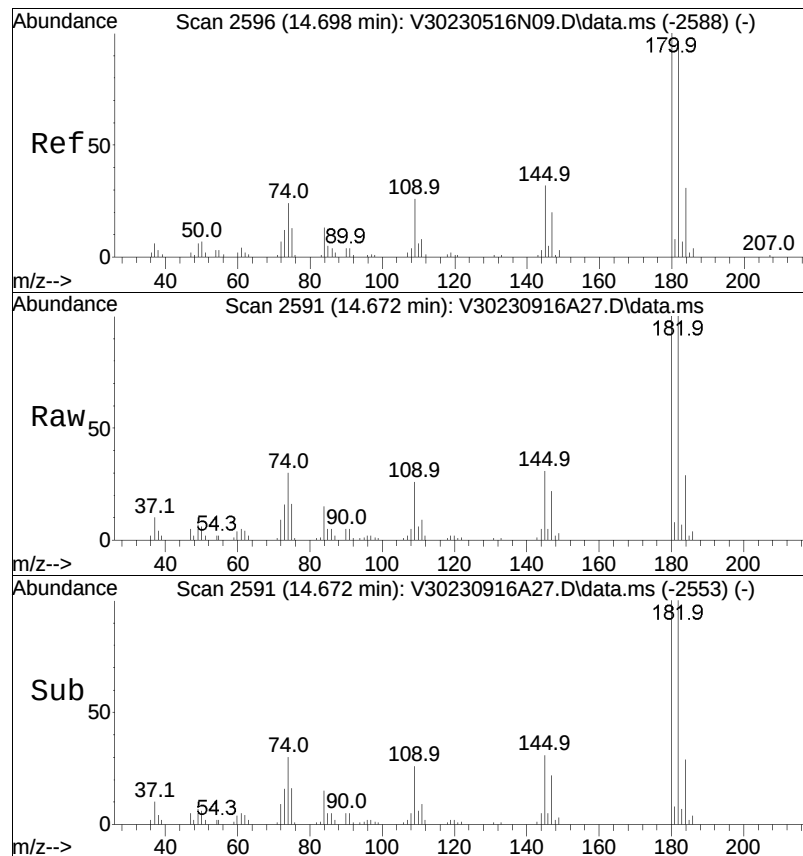
Tgt Ion:	180	Resp:	39838
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.7	113.5
145	32.8	27.4	41.2





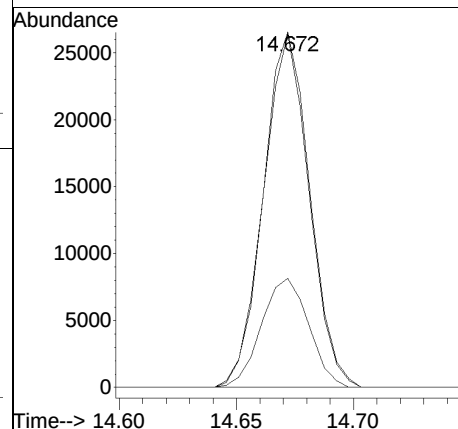
#115
 Naphthalene
 Concen: 9.86 ug/L
 RT: 14.504 min Scan# 2559
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm
 Tgt Ion:128 Resp: 92552





#116
 1,2,3-Trichlorobenzene
 Concen: 9.23 ug/L
 RT: 14.672 min Scan# 2591
 Delta R.T. -0.000 min
 Lab File: V30230916A27.D
 Acq: 16 Sep 2023 10:28 pm

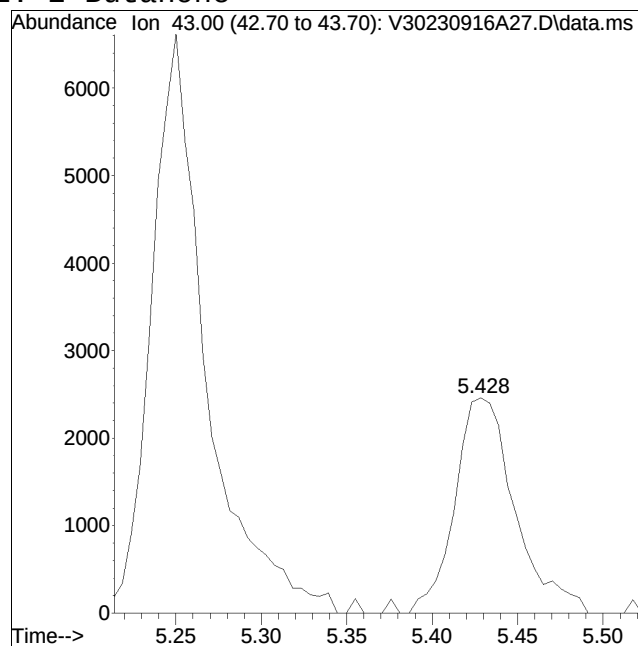
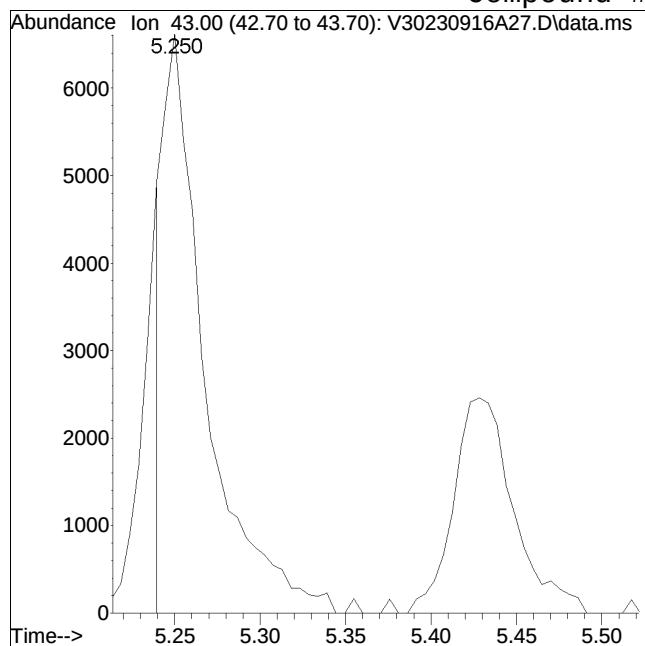
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	74.9	112.3
145	31.3	26.0	39.0



Manual Integration Report

Data Path : K:\V0A130\2023\230916A\ QMethod : V130_230913A_8260D.m
Data File : V30230916A27.D Operator : V0A130:MKS
Date Inj'd : 9/16/2023 10:28 pm Instrument : V0A130
Sample : WG1828105-7,31,0.5,10,,C,R Quant Date : 9/18/2023 9:14 am

Compound #42: 2-Butanone



Original Peak Response = 11251

Manual Peak Response = 6011 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.



Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: $Amt * DF * Uf * (1/Vo)$

Where:

DF = Dilution Factor

Vo = Sample Volume Purged (mL)

Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: $Amt * DF * (1/Wt)$

Where:

DF = Dilution Factor

Wt = Weight of Sample (g)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Sep 20 2023, 12:46 pm

Work Group: WG1828105 for Department: 31 GC/MS - Volatiles

Created: 15-SEP-23 Due: Operator: LAC

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2353445-01	MW-7D	S NYTCL-8260-R2	WATER	DONE	U	0927	0920	3E	Vial-B
L2353445-02	MW-7S	S NYTCL-8260-R2	WATER	DONE	U	0927	0920	3E	Vial-B
L2353445-03	MW-8S	S NYTCL-8260-R2	WATER	DONE	U	0927	0920	3E	Vial-B
L2353445-04	MW-6D'	S NYTCL-8260-R2	WATER	DONE	U	0927	0920	3E	Vial-B
L2353445-05	MW-6S	S NYTCL-8260-R2	WATER	DONE	U	0927	0920	3E	Vial-B
L2353445-06	MW-6D	S NYTCL-8260-R2	WATER	DONE	U	0927	0920	3E	Vial-B
L2353445-07	MW-4S	S NYTCL-8260-R2	WATER	DONE	U	0927	0920	3E	Vial-B
L2353445-08	DUP09132023	S NYTCL-8260-R2	WATER	DONE	U	0927	0920	3E	Vial-B
L2353445-09	TB09132023	S NYTCL-8260-R2	WATER	DONE	U	0927	0920	3E	Vial-B
L2353482-12	TB-20230913	S NYTCL-8260	WATER	DONE	U	0927	0920	S0	Vial-B
L2353630-01	TB03_20230914	S NYTCL-8260	WATER	DONE	U	0928	0918	1B	Vial-B
L2353773-01	DEWATERING BATCH 4	S NYTCL-8260-R2	WATER	DONE	U	0928	0918	3B	Vial-B
WG1828105-1	MS BFB Tune Standard	S NYTCL-8260	WATER	DONE	U				
WG1828105-1	MS BFB Tune Standard	S NYTCL-8260-R2	WATER	DONE	U				
WG1828105-10	Laboratory Control S	S NYTCL-8260	WATER	DONE	U				
WG1828105-10	Laboratory Control S	S NYTCL-8260-R2	WATER	DONE	U				
WG1828105-11	LCS Duplicate	S NYTCL-8260-R2	WATER	DONE	U				
WG1828105-11	LCS Duplicate	S NYTCL-8260	WATER	DONE	U				
WG1828105-12	Laboratory Method Bl	S NYTCL-8260	WATER	DONE	U				
WG1828105-12	Laboratory Method Bl	S NYTCL-8260-R2	WATER	DONE	U				
WG1828105-2	Continuing Calibrati	S NYTCL-8260-R2	WATER	DONE	U				
WG1828105-2	Continuing Calibrati	S NYTCL-8260	WATER	DONE	U				
WG1828105-3	Laboratory Control S	S NYTCL-8260	WATER	DONE	U				
WG1828105-3	Laboratory Control S	S NYTCL-8260-R2	WATER	DONE	U				
WG1828105-4	LCS Duplicate	S NYTCL-8260-R2	WATER	DONE	U				
WG1828105-4	LCS Duplicate	S NYTCL-8260	WATER	DONE	U				
WG1828105-5	Laboratory Method Bl	S NYTCL-8260	WATER	DONE	U				
WG1828105-5	Laboratory Method Bl	S NYTCL-8260-R2	WATER	DONE	U				
WG1828105-6	Matrix Spike	S NYTCL-8260	WATER	DONE	U				
WG1828105-6	Matrix Spike	S NYTCL-8260-R2	WATER	DONE	U				
WG1828105-7	Matrix Spike Duplica	S NYTCL-8260	WATER	DONE	U				
WG1828105-7	Matrix Spike Duplica	S NYTCL-8260-R2	WATER	DONE	U				
WG1828105-8	MS BFB Tune Standard	S NYTCL-8260-R2	WATER	DONE	U				
WG1828105-8	MS BFB Tune Standard	S NYTCL-8260	WATER	DONE	U				
WG1828105-9	Continuing Calibrati	S NYTCL-8260	WATER	DONE	U				
WG1828105-9	Continuing Calibrati	S NYTCL-8260-R2	WATER	DONE	U				
Comments:									
WG1828105-11	WG1828105-10								
WG1828105-4	WG1828105-3								
WG1828105-6	L2353445-05								
WG1828105-7	L2353445-05								

Inst: VOA130
 Initials: MAG
 Date: **09/13/23**
 Run: **A**

BFB: V9883
 IS/SS: V9913
 ICAL: V9934A,V9930
 ICV: V9932, V9918, V9919, V9889, V9888, V9900

Method
 GC: 8260
 Autosampler: 8260
 Concentrator: 8260



QC: _____ Seq: _____

Vial	Data File	pH<2
1	V30230913ABF1 BFB TUNE	
1	V30230913ABF2 BFB TUNE	
2	V30230913ABF3 BFB TUNE	
3	V30230913A01 BLK	
4	V30230913A02 BLK	
5	V30230913A03 I8260STD0.19PPB	
6	V30230913A04 I8260STD0.19PPB	
7	V30230913A05 I8260STD0.5PPB	
8	V30230913A06 I8260STD0.5PPB	
9	V30230913A07 I8260STD2PPB	
10	V30230913A08 I8260STD2PPB	
11	V30230913A09 I8260STD10PPB	
12	V30230913A10 I8260STD30PPB	
13	V30230913A11 I8260STD80PPB	
14	V30230913A12 I8260STD120PPB	
15	V30230913A13 I8260STD200PPB	
16	V30230913A14 BLK	
17	V30230913A15 BLK	
18	V30230913A16 BLK	
19	V30230913A17 BLK	
20	V30230913A18 C8260STD10PPB	
21	V30230913A19 C8260STD10PPB	
22	V30230913A20 BLK	
23	V30230913A21 BLK	
24	V30230913A22 BLK	

Inst: VOA130
 Initials: MJV
 Date: 09/15/23
 Run: A

BFB: V9883
 IS/SS: V9913
 ICAL: V9934A,V9930

Method
 GC: 8260
 Autosampler: 8260
 Concentrator: 8260



QC: _____ Seq: _____

Vial	Data File	pH<2
1	V30230915ABF1 BFB TUNE 05:22	
1	V30230915A01 8260 CCAL LCS	
2	V30230915A02 8260 CCAL LCSD	
3	V30230915A03 8260 CCAL	
4	V30230915A04 BLK	
5	V30230915A05 METHOD BLK	
6	V30230915A06 L2353482-12,31,10,10,,A NYTCL/15 TB	pH<2
7	V30230915A07 L2353445-09,31,10,10,,A,R3E NYTCL TB	pH<2
8	V30230915A08 L2353630-01,31,10,10,,A,R1B NY-R2 TB	pH<2
9	V30230915A09 L2353445-01,31,10,10,,A,R3E NY-R2	pH<2
10	V30230915A10 L2353445-02,31,10,10,,A,R3E NY-R2	pH<2
11	V30230915A11 L2353445-03,31,10,10,,A,R3E NY-R2	pH<2
12	V30230915A12 L2353445-08,31,10,10,,A,R3E NY-R2	pH<2
13	V30230915A13 L2353445-04D,31,4.0,10,,A,R3E NY-R2	pH<2
14	V30230915A14 L2353445-05D,31,0.5,10,,A,R3E NY-R2	pH<2
15	V30230915A15 L2353445-06D,31,0.1,10,,A,R3E NY-R2	pH<2
16	V30230915A16 L2353445-07D,31,0.1,10,,A,R3E NY-R2	pH<2
17	V30230915A17 BLNK	
18	V30230915A18 L2353773-01,31,10,10,,A,R3B NY-R2	pH<2
19	V30230915A19 L2353188-03,31,10,10,,A NJ/BENZ/MBTE/TBA/15	pH<2
20	V30230915A20 L2353188-02,31,10,10,,A NJ/BENZ/MBTE/TBA/15	pH<2
21	V30230915A21 L2351652-01D,31,5.0,10,,A NJ/15/124TMB	pH<2
22	V30230915A22 L2352696-01,31,10,10,,A NJ/15/TBA	pH<2
23	V30230915A23 L2352696-02,31,10,10,,A NJ/15/TBA	pH<2
24	V30230915A24 L2352696-03,31,10,10,,A NJ/15/TBA	pH<2
25	V30230915A25 L2352696-04,31,10,10,,A NJ/15/TBA	pH<2
26	V30230915A26 L2352696-05,31,10,10,,A NJ/15/TBA	pH<2
27	V30230915A27 L2353445-05MS,31,0.5,10,,A,R3E NY-R2	pH<2
28	V30230915A28 L2353445-05MSD,31,0.5,10,,A,R3 NY-R2	pH<2
29	V30230915A29 HSTD	
30	V30230915A30 BLK	
31	V30230915A31 BLK	

Inst: VOA130
 Initials: LAC
 Date: 09/16/23
 Run: A

BFB: V9883
 IS/SS: V9913
 ICAL: V9934A,V9930

Method
 GC: 8260
 Autosampler: 8260
 Concentrator: 8260



QC: _____ Seq: _____

Vial	Data File	pH<2
1	V30230916ABF1 BFB TUNE	
1	V30230916A01 8260 CCAL	
2	V30230916A02 8260 CCAL	
3	V30230916A03 8260 CCAL	
4	V30230916A04 BLK	
5	V30230916A05 METHOD BLK	
6	V30230916A06 L2352510-01,31,10,10,,A NJ/BTEX+PCE	pH<2
7	V30230916A07 L2352510-02,31,10,10,,A NJ/BTEX+PCE	pH<2
8	V30230916A08 L2352510-03,31,10,10,,A NJ/BTEX+PCE	pH<2
9	V30230916A09 L2352510-04,31,10,10,,A NJ/BTEX+PCE	pH<2
10	V30230916A10 L2352510-05,31,10,10,,A NJ/BTEX+PCE	pH<2
11	V30230916A11 L2352510-06,31,10,10,,A NJ/BTEX+PCE	pH<2
12	V30230916A12 L2352510-07,31,10,10,,A NJ/BTEX+PCE	pH<2
13	V30230916A13 L2352510-08,31,10,10,,A NJ/BTEX+PCE	pH<2
14	V30230916A14 L2352504-01,31,10,10,,A NJ/PCEBRK (6 COMP)	pH<2
15	V30230916A15 L2352504-02,31,10,10,,A NJ/PCEBRK (6 COMP)	pH<2
16	V30230916A16 L2352504-04,31,10,10,,A NJ/PCEBRK (6 COMP)	pH<2
17	V30230916A17 L2352504-05,31,10,10,,A NJ/PCEBRK (6 COMP)	pH<2
18	V30230916A18 L2352504-07,31,10,10,,A NJ/PCEBRK (6 COMP)	pH<2
19	V30230916A19 L2352504-08,31,10,10,,A NJ/PCEBRK (6 COMP)	pH<2
20	V30230916A20 L2352504-09,31,10,10,,A NJ/PCEBRK (6 COMP)	pH<2
21	V30230916A21 L2352504-06,31,10,10,,A NJ/BENZ/15	pH<2
22	V30230916A22 L2352504-03D,31,4.0,10,,A NJ/BENZ/15	pH<2
23	V30230916A23 L2352404-01,31,10,10,,A NJ/CF,PCE,TCE,11DCE	pH<2
24	V30230916A24 L2352404-03,31,10,10,,A NJ/CF,PCE,TCE,11DCE	^{TB} pH<2
25	V30230916A25 L2353445-07D,31,0.2,10,,C,R3E NY-R2	pH<2
26	V30230916A26 L2353445-05MS,31,0.5,10,,C,R3ENY-R2	pH<2
27	V30230916A27 L2353445-05MSD,31,0.5,10,,C,R3NY-R2	pH<2
28	V30230916A28 L2352135-01MS,31,10,10,,C1 NYTCL	pH<2
29	V30230916A29 L2352135-01MSD,31,10,10,,C2 NYTCL	pH<2
30	V30230916A30 HSTD	
31	V30230916A31 BLK	
32	V30230916A32 BLK	

GCMS Extractables 1,4-Dioxane By SIM

Semivolatiles QC Summary

Surrogate Recovery Summary

Form 2

Semivolatiles

Client: Sterling Environmental Engineering
Project Name: TROY BELTING

Lab Number: L2353445
Project Number: 2011-31
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	TOT OUT
MW-7D (L2353445-01)	39	--	--	--	--	--	0
MW-7S (L2353445-02)	37	--	--	--	--	--	0
MW-8S (L2353445-03)	41	--	--	--	--	--	0
MW-6D' (L2353445-04)	44	--	--	--	--	--	0
MW-6S (L2353445-05)	42	--	--	--	--	--	0
MW-6D (L2353445-06)	34	--	--	--	--	--	0
MW-4S (L2353445-07)	37	--	--	--	--	--	0
DUP09132023 (L2353445-08)	33	--	--	--	--	--	0
WG1829808-1BLANK	40	--	--	--	--	--	0
WG1829808-2LCS	38	--	--	--	--	--	0
WG1829808-3LCSD	37	--	--	--	--	--	0
MW-6SMS	40	--	--	--	--	--	0
MW-6SMSD	36	--	--	--	--	--	0

QC LIMITS

(15-110) S1 = 1,4-DIOXANE-D8

* Values outside of QC limits

FORM II A2-1,4-DIOXANE-SIM



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : Sterling Environmental Engineering Lab Number : L2353445
 Project Name : TROY BELTING Project Number : 2011-31
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG1829808-2 Analysis Date : 09/22/23 10:46 File ID : F2209222314
 LCSD Sample ID : WG1829808-3 Analysis Date : 09/22/23 11:08 File ID : F2209222315

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
1,4-Dioxane	5000	5630	113	5000	5770	115	2	40-140	30



Matrix Spike Sample Summary **Form 3** **Semivolatiles**

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Client Sample ID	: MW-6S	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2353445-05	Analysis Date	: 09/22/23 18:38
Matrix Spike	: WG1829808-4	MS Analysis Date	: 09/22/23 18:58
Matrix Spike Dup	: WG1829808-5	MSD Analysis Date	: 09/22/23 19:18

Parameter	Sample Conc. (ng/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R			
1,4-Dioxane	23300	4900	29500	126	4900	29200	120	1	40-140	30

Method Blank Summary
Form 4
Semivolatiles

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Lab Sample ID	: WG1829808-1	Lab File ID	: F2209222313
Instrument ID	: PAH22	Extraction Date	: 09/20/23
Matrix	: WATER	Analysis Date	: 09/22/23 10:25
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1829808-2LCS	WG1829808-2	09/22/23 10:46
WG1829808-3LCSD	WG1829808-3	09/22/23 11:08
MW-7D	L2353445-01	09/22/23 17:16
MW-7S	L2353445-02	09/22/23 17:37
MW-8S	L2353445-03	09/22/23 17:58
MW-6D'	L2353445-04	09/22/23 18:18
MW-6S	L2353445-05	09/22/23 18:38
MW-6SMS	WG1829808-4	09/22/23 18:58
MW-6SMSD	WG1829808-5	09/22/23 19:18
MW-6D	L2353445-06	09/22/23 19:38
MW-4S	L2353445-07	09/22/23 19:58
DUP09132023	L2353445-08	09/22/23 20:18



Instrument Performance Check (Tune) Summary

Form 5

Semivolatiles

Decafluorotriphenylphosphine (DFTPP)

Client : Sterling Environmental Engineering	Lab Number : L2353445
Project Name : TROY BELTING	Project Number : 2011-31
Instrument ID : PAH22	Analysis Date : 09/14/23 09:31
Tune Standard : R1740690-1	Tune File ID : F2209142301_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	39.5
68	Less than 2.0% of mass 69	0.5 (1.4)1
70	Less than 2.0% of mass 69	0.1 (.4)1
127	10.0 - 80.0% of Base Peak	50.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	22
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	15
442	Base Peak, or >50% of mass 198	84.2
443	15.0 - 24.0% of mass 442	16.2 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD 10	R1740690-2	F2209142302	09/14/23 10:09
STD 50	R1740690-3	F2209142303	09/14/23 10:31
STD 100	R1740690-4	F2209142304	09/14/23 10:54
STD 500	R1740690-5	F2209142305	09/14/23 11:16
STD 1000	R1740690-6	F2209142306	09/14/23 11:39
STD 5000	R1740690-7	F2209142307	09/14/23 12:02
STD 10000	R1740690-8	F2209142308	09/14/23 12:26
IVC QUANT REPORT	R1740690-9	F2209142309	09/14/23 12:51

Instrument Performance Check (Tune) Summary

Form 5

Semivolatiles

Decafluorotriphenylphosphine (DFTPP)

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Instrument ID	: PAH22	Analysis Date	: 09/22/23 05:59
Tune Standard	: WG1830591-1	Tune File ID	: F2209222301_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	37.3
68	Less than 2.0% of mass 69	0.6 (1.7)1
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	50.3
197	Less than 2.0% of mass 198	0.1
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	22.8
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	15
442	Base Peak, or >50% of mass 198	90.3
443	15.0 - 24.0% of mass 442	17.3 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1830591-2CCAL	WG1830591-2	F2209222302	09/22/23 06:33
WG1829808-1BLANK	WG1829808-1	F2209222313	09/22/23 10:25
WG1829808-2LCS	WG1829808-2	F2209222314	09/22/23 10:46
WG1829808-3LCSD	WG1829808-3	F2209222315	09/22/23 11:08

Instrument Performance Check (Tune) Summary

Form 5

Semivolatiles

Decafluorotriphenylphosphine (DFTPP)

Client : Sterling Environmental Engineering	Lab Number : L2353445
Project Name : TROY BELTING	Project Number : 2011-31
Instrument ID : PAH22	Analysis Date : 09/22/23 16:20
Tune Standard : WG1830591-3	Tune File ID : F2209222330_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	36.4
68	Less than 2.0% of mass 69	0.5 (1.7)1
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	49.6
197	Less than 2.0% of mass 198	0.1
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	22.8
365	Greater than 1.0% of mass 198	2.8
441	Present, but less than 24% of mass 442	15.1
442	Base Peak, or >50% of mass 198	90.7
443	15.0 - 24.0% of mass 442	17.5 (19.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1830591-4CCAL	WG1830591-4	F2209222331	09/22/23 16:56
MW-7D	L2353445-01	F2209222332	09/22/23 17:16
MW-7S	L2353445-02	F2209222333	09/22/23 17:37
MW-8S	L2353445-03	F2209222334	09/22/23 17:58
MW-6D'	L2353445-04	F2209222335	09/22/23 18:18
MW-6S	L2353445-05	F2209222336	09/22/23 18:38
WG1829808-4MS	WG1829808-4	F2209222337	09/22/23 18:58
WG1829808-5MSD	WG1829808-5	F2209222338	09/22/23 19:18
MW-6D	L2353445-06	F2209222339	09/22/23 19:38
MW-4S	L2353445-07	F2209222340	09/22/23 19:58
DUP09132023	L2353445-08	F2209222341	09/22/23 20:18

Internal Standard Area and RT Summary

Form 8a

Semivolatiles

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Instrument ID	: PAH22	Analysis Date	: 09/22/23 06:33:00
Sample No	: WG1830591-2	Lab File ID	: F2209222302

	1,4-Dichlorobenzene-d4		Area	RT	Area	RT
	Area	RT				
WG1830591-2	396025	8.61				
Upper Limit	792050	9.11				
Lower Limit	198013	8.11				
Sample ID						
WG1829808-1 BLANK	383711	8.61				
WG1829808-2 LCS	398093	8.61				
WG1829808-3 LCSD	407139	8.61				

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

* Values outside of QC limits



Internal Standard Area and RT Summary

Form 8a

Semivolatiles

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Instrument ID	: PAH22	Analysis Date	: 09/22/23 16:56:00
Sample No	: WG1830591-4	Lab File ID	: F2209222331

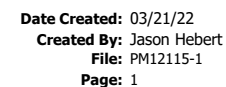
	1,4-Dichlorobenzene-d4		Area	RT	Area	RT
	Area	RT				
WG1830591-4	397508	8.61				
Upper Limit	795016	9.11				
Lower Limit	198754	8.11				
Sample ID						
MW-7D	397456	8.61				
MW-7S	415439	8.61				
MW-8S	402853	8.61				
MW-6D'	411639	8.61				
MW-6S	410506	8.61				
MW-6S MS	414114	8.61				
MW-6S MSD	415491	8.61				
MW-6D	419142	8.61				
MW-4S	407956	8.61				
DUP09132023	409051	8.61				

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

* Values outside of QC limits

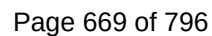


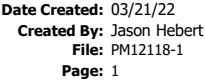


Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 250ml unpreserved

[illegible]

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.





1,4 Dioxane via EPA 8270D-SIM (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - Glass 250ml/8oz unpreserved

[illegible]

Please Note that the RL Information provided in this table is calculated using a 100% Solids factor. (Soll/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.



Semivolatile Sample Data

Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Lab ID	: L2353445-01	Date Collected	: 09/13/23 09:40
Client ID	: MW-7D	Date Received	: 09/13/23
Sample Location	: COLONIE, NY	Date Analyzed	: 09/22/23 17:16
Sample Matrix	: WATER	Date Extracted	: 09/20/23
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F2209222332	Analyst	: TPR
Sample Amount	: 255 ml	Instrument ID	: PAH22
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	147	33.2	U



Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Lab ID	: L2353445-02	Date Collected	: 09/13/23 10:15
Client ID	: MW-7S	Date Received	: 09/13/23
Sample Location	: COLONIE, NY	Date Analyzed	: 09/22/23 17:37
Sample Matrix	: WATER	Date Extracted	: 09/20/23
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F2209222333	Analyst	: TPR
Sample Amount	: 255 ml	Instrument ID	: PAH22
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	147	33.2	U



Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client : Sterling Environmental Engineering	Lab Number : L2353445
Project Name : TROY BELTING	Project Number : 2011-31
Lab ID : L2353445-03	Date Collected : 09/13/23 11:10
Client ID : MW-8S	Date Received : 09/13/23
Sample Location : COLONIE, NY	Date Analyzed : 09/22/23 17:58
Sample Matrix : WATER	Date Extracted : 09/20/23
Analytical Method : 1,8270E-SIM	Dilution Factor : 1
Lab File ID : F2209222334	Analyst : TPR
Sample Amount : 255 ml	Instrument ID : PAH22
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 2500 uL	%Solids : N/A
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	5150	147	33.2	

Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Lab ID	: L2353445-04	Date Collected	: 09/13/23 12:20
Client ID	: MW-6D'	Date Received	: 09/13/23
Sample Location	: COLONIE, NY	Date Analyzed	: 09/22/23 18:18
Sample Matrix	: WATER	Date Extracted	: 09/20/23
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F2209222335	Analyst	: TPR
Sample Amount	: 255 ml	Instrument ID	: PAH22
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	512.	147	33.2	

Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client : Sterling Environmental Engineering	Lab Number : L2353445
Project Name : TROY BELTING	Project Number : 2011-31
Lab ID : L2353445-05	Date Collected : 09/13/23 13:05
Client ID : MW-6S	Date Received : 09/13/23
Sample Location : COLONIE, NY	Date Analyzed : 09/22/23 18:38
Sample Matrix : WATER	Date Extracted : 09/20/23
Analytical Method : 1,8270E-SIM	Dilution Factor : 1
Lab File ID : F2209222336	Analyst : TPR
Sample Amount : 265 ml	Instrument ID : PAH22
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 2500 uL	%Solids : N/A
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	23300	142	32.0	

Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client : Sterling Environmental Engineering Project Name : TROY BELTING Lab ID : L2353445-06 Client ID : MW-6D Sample Location : COLONIE, NY Sample Matrix : WATER Analytical Method : 1,8270E-SIM Lab File ID : F2209222339 Sample Amount : 265 ml Extraction Method : EPA 3510C Extract Volume : 2500 uL GPC Cleanup : N	Lab Number : L2353445 Project Number : 2011-31 Date Collected : 09/13/23 14:10 Date Received : 09/13/23 Date Analyzed : 09/22/23 19:38 Date Extracted : 09/20/23 Dilution Factor : 1 Analyst : TPR Instrument ID : PAH22 GC Column : RTX-5 %Solids : N/A Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	34800	142	32.0	

Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client : Sterling Environmental Engineering	Lab Number : L2353445
Project Name : TROY BELTING	Project Number : 2011-31
Lab ID : L2353445-07	Date Collected : 09/13/23 15:00
Client ID : MW-4S	Date Received : 09/13/23
Sample Location : COLONIE, NY	Date Analyzed : 09/22/23 19:58
Sample Matrix : WATER	Date Extracted : 09/20/23
Analytical Method : 1,8270E-SIM	Dilution Factor : 1
Lab File ID : F2209222340	Analyst : TPR
Sample Amount : 245 ml	Instrument ID : PAH22
Extraction Method : EPA 3510C	GC Column : RTX-5
Extract Volume : 2500 uL	%Solids : N/A
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	22300	153	34.6	

Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Lab ID	: L2353445-08	Date Collected	: 09/13/23 00:00
Client ID	: DUP09132023	Date Received	: 09/13/23
Sample Location	: COLONIE, NY	Date Analyzed	: 09/22/23 20:18
Sample Matrix	: WATER	Date Extracted	: 09/20/23
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F2209222341	Analyst	: TPR
Sample Amount	: 255 ml	Instrument ID	: PAH22
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	5000	147	33.2	



Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client	: Sterling Environmental Engineering	Lab Number	: L2353445
Project Name	: TROY BELTING	Project Number	: 2011-31
Lab ID	: WG1829808-1	Date Collected	: NA
Client ID	: WG1829808-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/22/23 10:25
Sample Matrix	: WATER	Date Extracted	: 09/20/23
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F2209222313	Analyst	: TPR
Sample Amount	: 250 ml	Instrument ID	: PAH22
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	150	33.9	U



Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222332.D
 Acq On : 22 Sep 2023 5:16 pm
 Operator : PAH22:TPR
 Sample : l2353445-01,32,,,r3e
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 23 04:35:45 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.574	64	41192	500.000	ng/mL	0.02
3) 1,4-Dichlorobenzene-d4	8.605	152	397456	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.574	64	41192	194.329	ng/mL	0.02
Spiked Amount	500.000	Range	15 - 115	Recovery	=	38.87%
Target Compounds						
2) 1,4-dioxane	0.000		0	N.D.	d	Qvalue

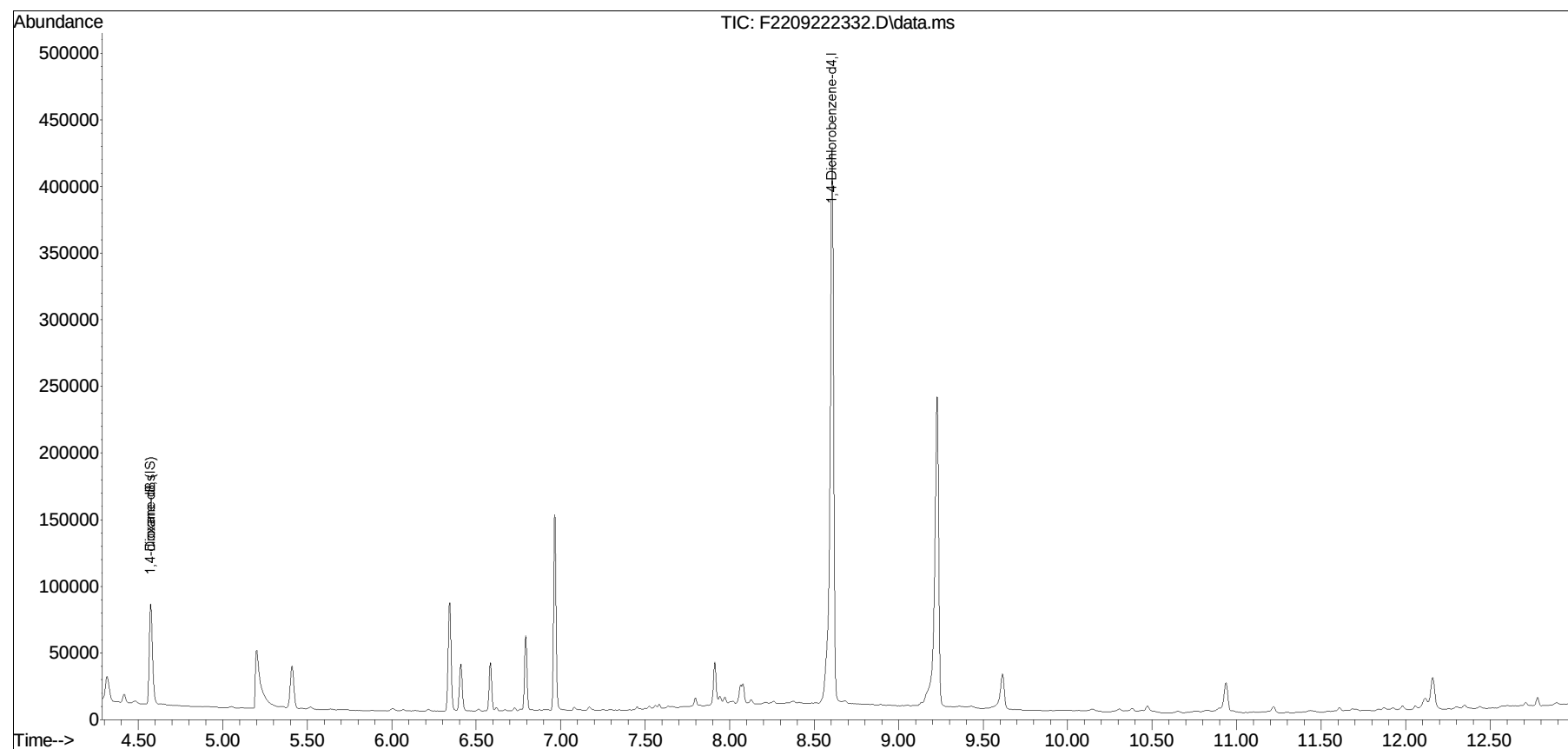
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
Data File : F2209222332.D
Acq On : 22 Sep 2023 5:16 pm
Operator : PAH22:TPR
Sample : l2353445-01,32,,,r3e
Misc : WG1830591,WG1829808,ICAL20365
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 23 04:35:45 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Sep 23 04:12:02 2023
Response via : Initial Calibration

Sub List : Default - All compounds listed



Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DI0X0914PAH22.M
Data File : F2209222332.D Operator : PAH22:TPR
Date Inj'd : 9/22/2023 5:16 pm Instrument : PAH22
Sample : l2353445-01,32,,,r3e Quant Date : 9/23/2023 4:12 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222333.D
 Acq On : 22 Sep 2023 5:37 pm
 Operator : PAH22:TPR
 Sample : l2353445-02,32,,,r3e
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 23 04:35:53 2023
 Quant Method : O:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.583	64	40572	500.000	ng/mL	0.03
3) 1,4-Dichlorobenzene-d4	8.608	152	415439	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.583	64	40572	183.119	ng/mL	0.03
Spiked Amount	500.000	Range	15 - 115	Recovery	=	36.62%
Target Compounds						
2) 1,4-dioxane	0.000		0	N.D.	d	Qvalue

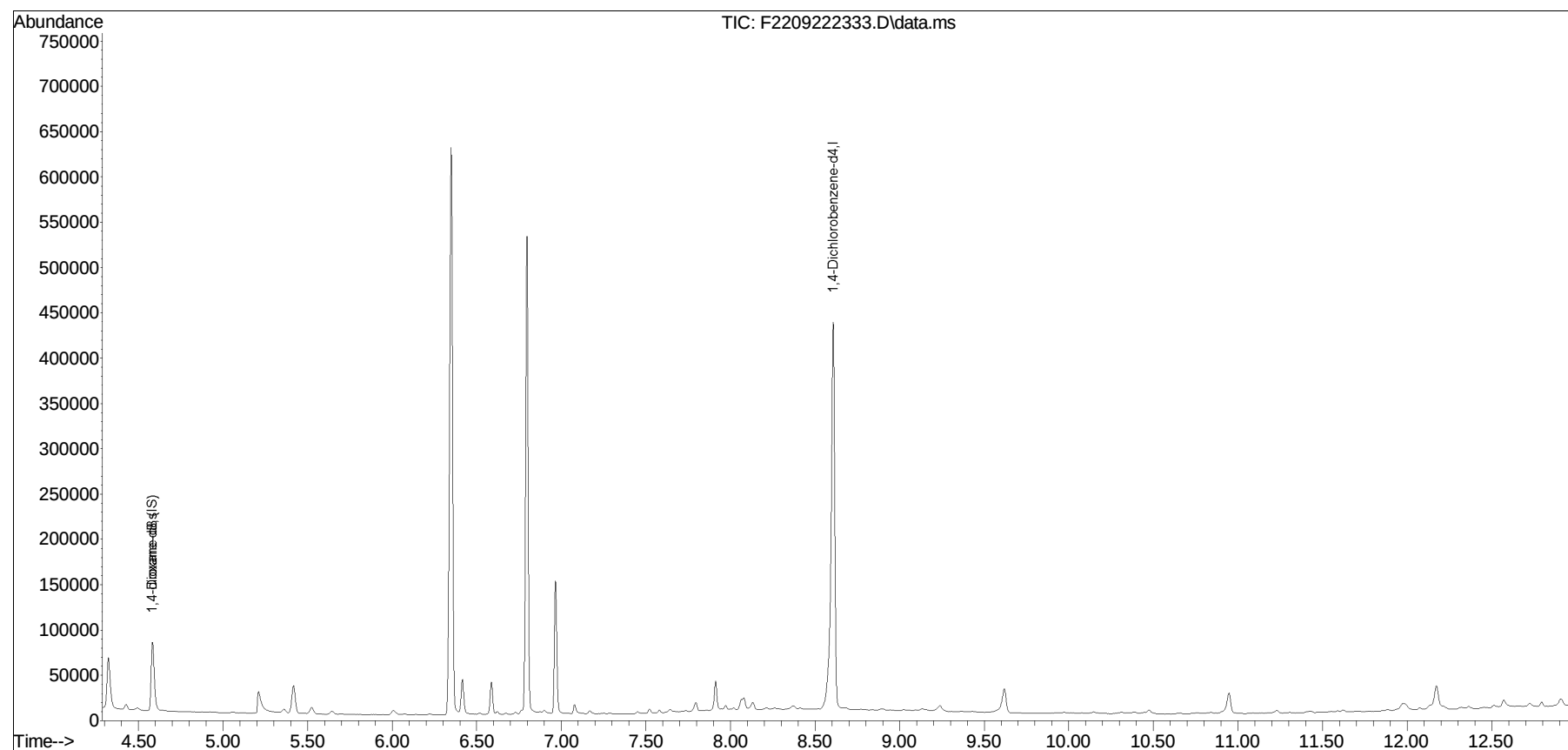
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
Data File : F2209222333.D
Acq On : 22 Sep 2023 5:37 pm
Operator : PAH22:TPR
Sample : l2353445-02,32,,,r3e
Misc : WG1830591,WG1829808,ICAL20365
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 23 04:35:53 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Sep 23 04:12:02 2023
Response via : Initial Calibration

Sub List : Default - All compounds listed



Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DI0X0914PAH22.M
Data File : F2209222333.D Operator : PAH22:TPR
Date Inj'd : 9/22/2023 5:37 pm Instrument : PAH22
Sample : l2353445-02,32,,,r3e Quant Date : 9/23/2023 4:12 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222334.D
 Acq On : 22 Sep 2023 5:58 pm
 Operator : PAH22:TPR
 Sample : l2353445-03,32,,,r3e
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 23 04:12:42 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.585	64	43653	500.000	ng/mL	0.03
3) 1,4-Dichlorobenzene-d4	8.608	152	402853	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.585	64	43653	203.180	ng/mL	0.03
Spiked Amount	500.000	Range	15 - 115	Recovery	=	40.64%
Target Compounds						
2) 1,4-dioxane	4.635	88	62974	525.500	ng/mL	Qvalue 98

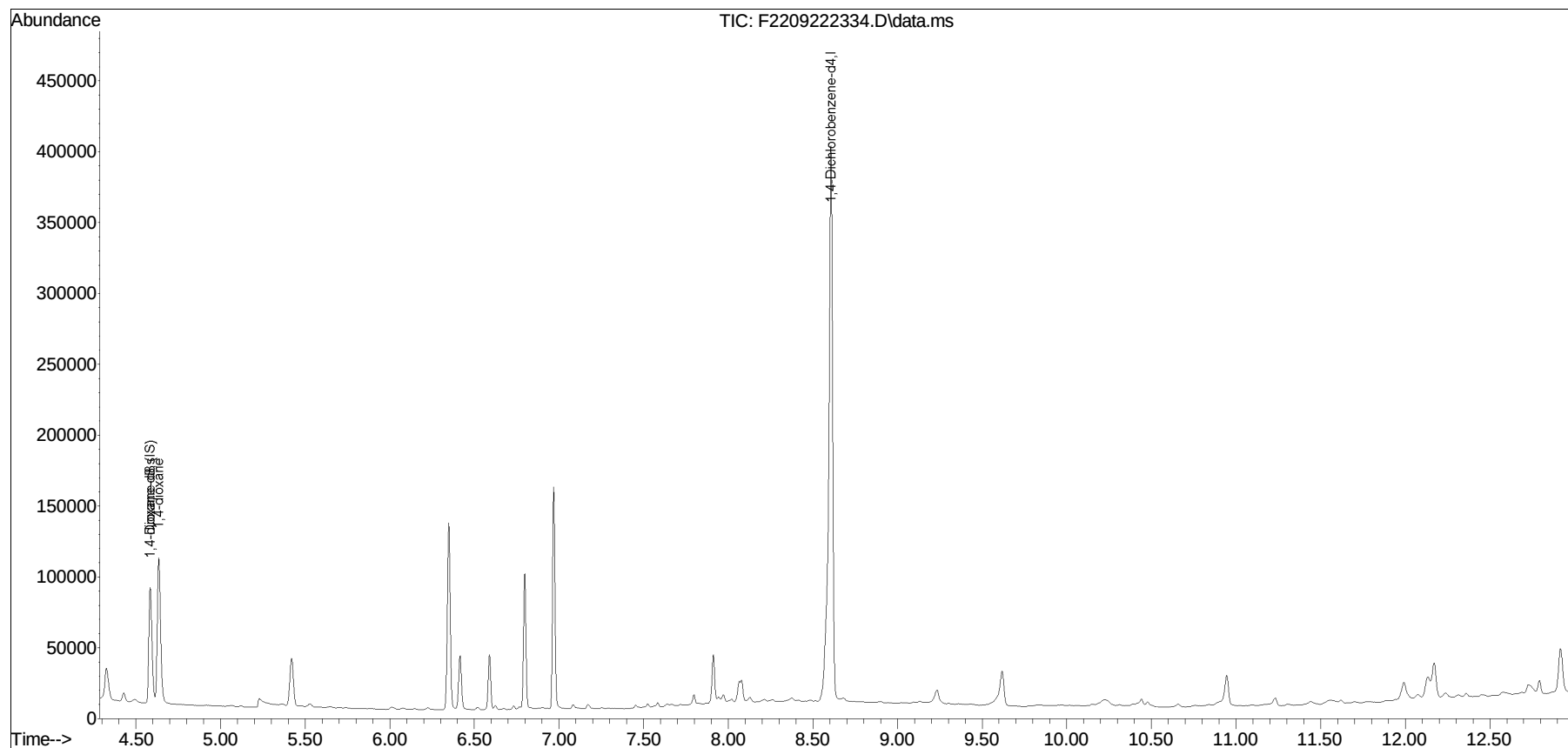
(#) = qualifier out of range (m) = manual integration (+) = signals summed

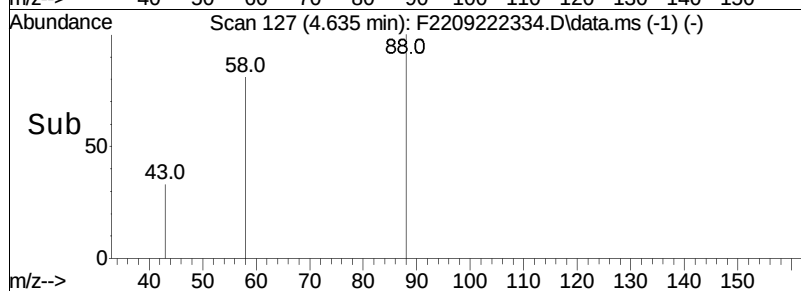
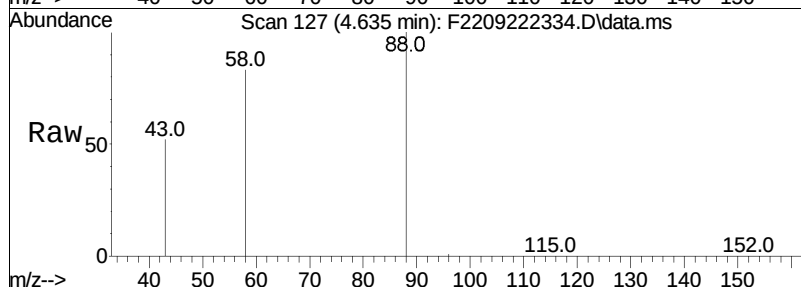
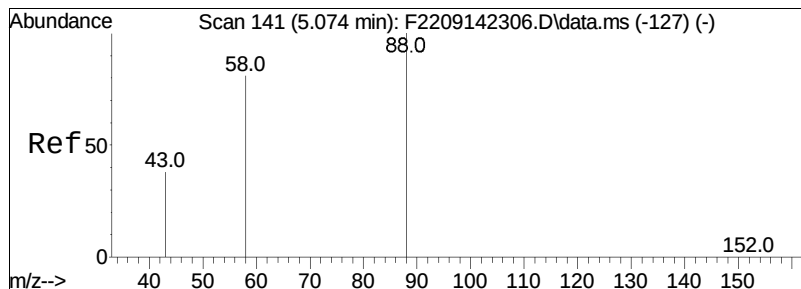
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
Data File : F2209222334.D
Acq On : 22 Sep 2023 5:58 pm
Operator : PAH22:TPR
Sample : l2353445-03,32,,,r3e
Misc : WG1830591,WG1829808,ICAL20365
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 23 04:12:42 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Sep 23 04:12:02 2023
Response via : Initial Calibration

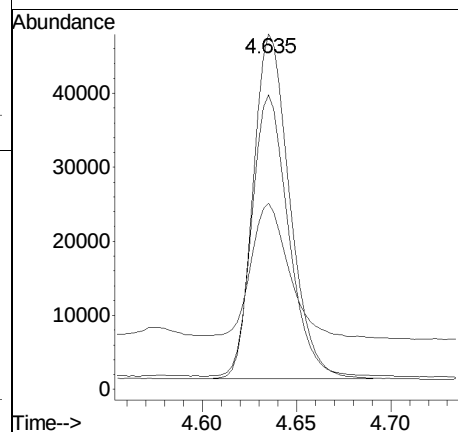
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 525.50 ng/mL
 RT: 4.635 min Scan# 127
 Delta R.T. 0.030 min
 Lab File: F2209222334.D
 Acq: 22 Sep 2023 5:58 pm

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	62974		
58	80.8		66.2	99.4
43	39.2		31.6	47.4



Manual Integration/Negative Proof Report

Data Path	: O:\Organics\DATA\PAH22\2023Q	Method	: 14DIOX0914PAH22.M
Data File	: F2209222334.D	Operator	: PAH22:TPR
Date Inj'd	: 9/22/2023 5:58 pm	Instrument	: PAH22
Sample	: 12353445-03,32,,,r3e	Quant Date	: 9/23/2023 4:12 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222335.D
 Acq On : 22 Sep 2023 6:18 pm
 Operator : PAH22:TPR
 Sample : 12353445-04,32,,,r3e
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 23 04:36:50 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.583	64	48088	500.000	ng/mL	0.03
3) 1,4-Dichlorobenzene-d4	8.605	152	411639	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.583	64	48088	219.045	ng/mL	0.03
Spiked Amount	500.000	Range	15 - 115	Recovery	=	43.81%
Target Compounds						
2) 1,4-dioxane	4.638	88	6900M4	52.268	ng/mL	Qvalue

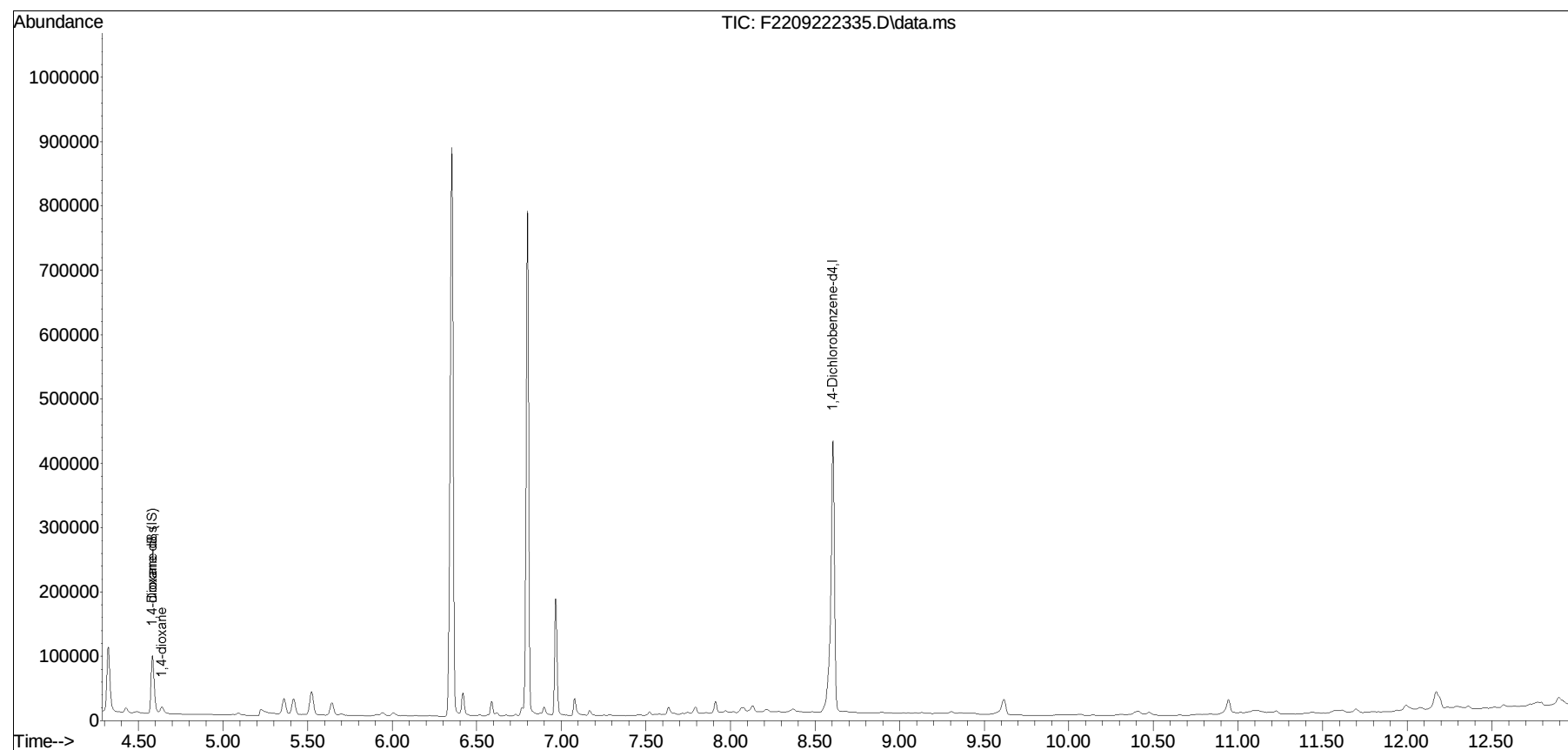
(#) = qualifier out of range (m) = manual integration (+) = signals summed

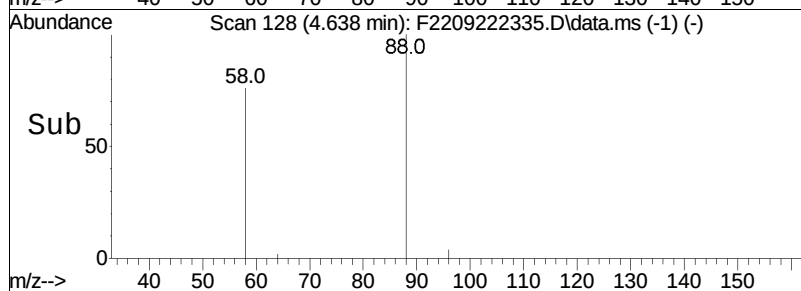
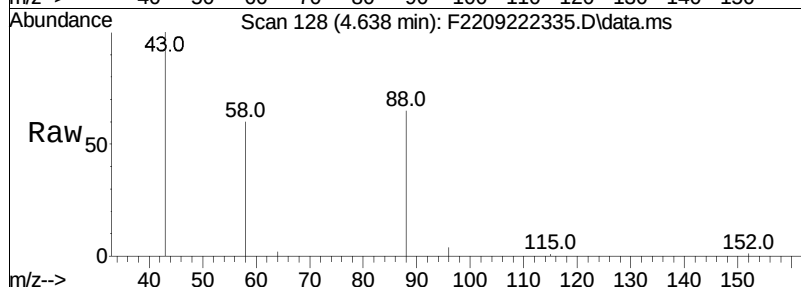
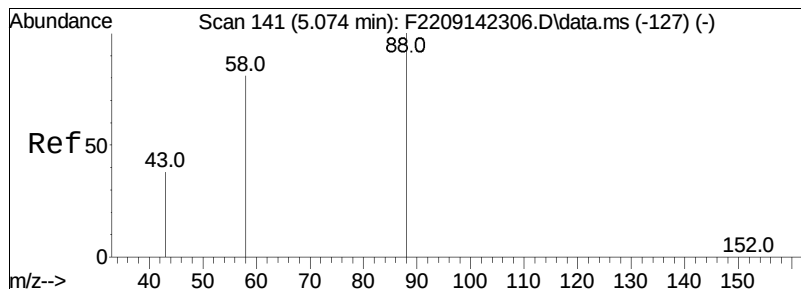
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222335.D
 Acq On : 22 Sep 2023 6:18 pm
 Operator : PAH22:TPR
 Sample : l2353445-04,32,,,r3e
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 23 04:36:50 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed





#2

1,4-dioxane

Concen: 52.27 ng/mL M4

RT: 4.638 min Scan# 128

Delta R.T. 0.033 min

Lab File: F2209222335.D

Acq: 22 Sep 2023 6:18 pm

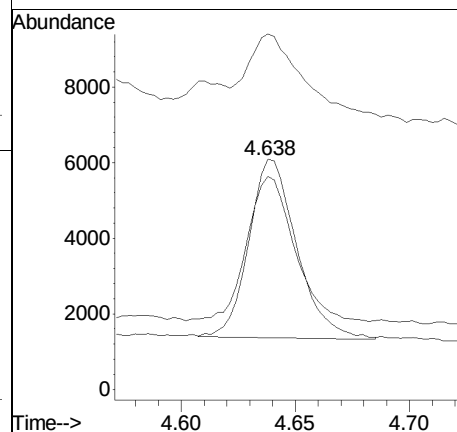
Tgt Ion: 88 Resp: 6900

Ion Ratio Lower Upper

88 100

58 80.4 66.2 99.4

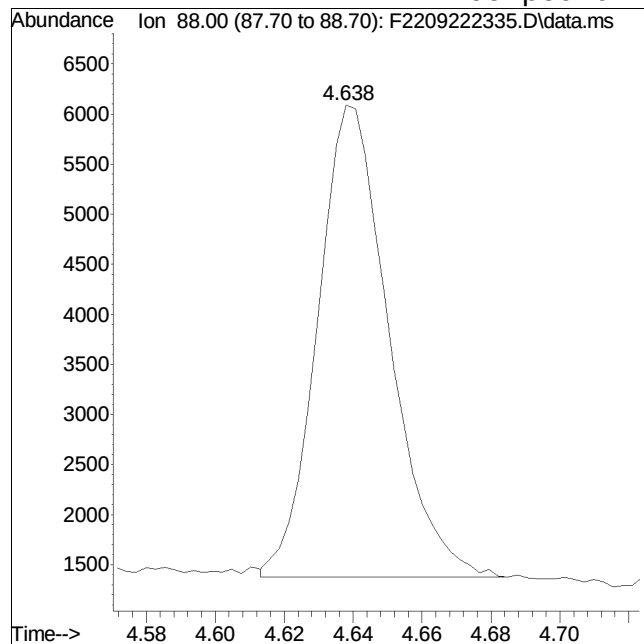
43 41.3 31.6 47.4



Manual Integration/Negative Proof Report

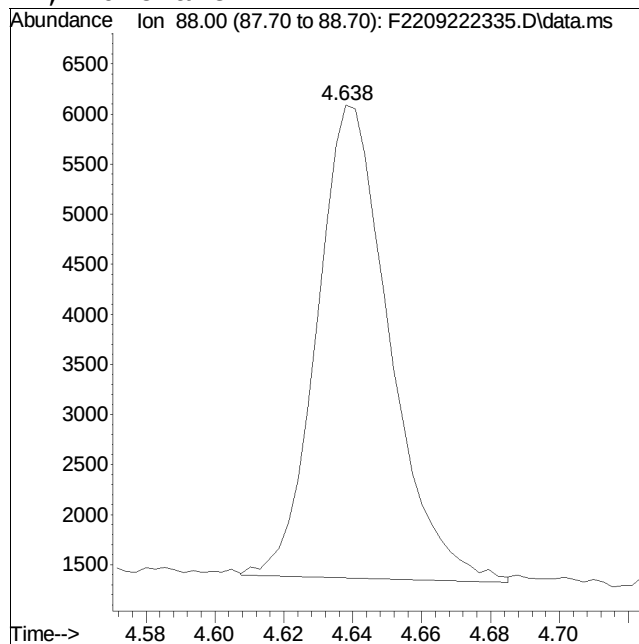
Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
 Data File : F2209222335.D Operator : PAH22:TPR
 Date Inj'd : 9/22/2023 6:18 pm Instrument : PAH22
 Sample : l2353445-04,32,,,r3e Quant Date : 9/23/2023 4:12 am

Compound #2: 1,4-dioxane



Original Peak Response = 6790

M4 = Poor automated baseline construction.



Manual Peak Response = 6900 M4

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222336.D
 Acq On : 22 Sep 2023 6:38 pm
 Operator : PAH22:TPR
 Sample : l2353445-05,32,,,r3e
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 23 04:12:46 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.582	64	45640	500.000	ng/mL	0.03
3) 1,4-Dichlorobenzene-d4	8.605	152	410506	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.582	64	45640	208.468	ng/mL	0.03
Spiked Amount	500.000	Range	15 - 115	Recovery	=	41.69%
Target Compounds						
2) 1,4-dioxane	4.632	88	309297	2468.629	ng/mL	Qvalue 98

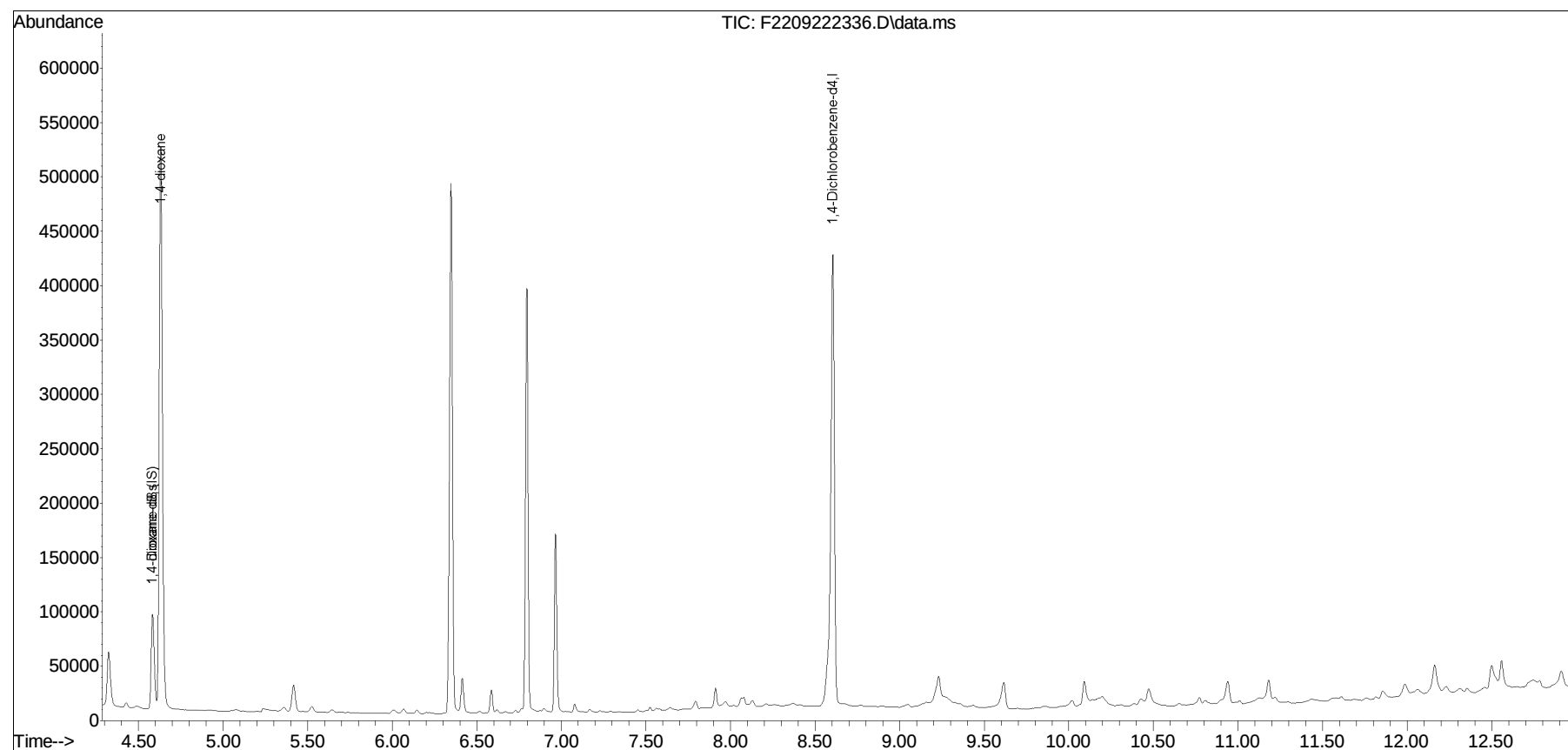
(#) = qualifier out of range (m) = manual integration (+) = signals summed

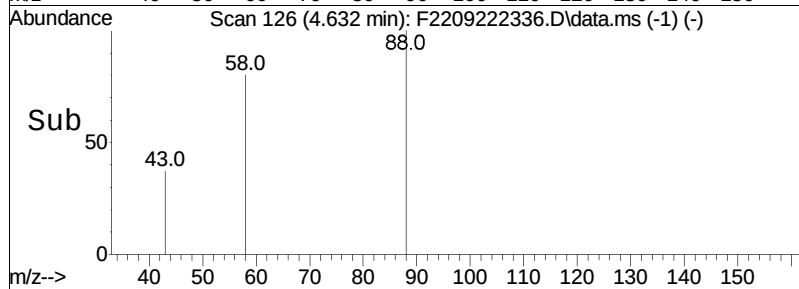
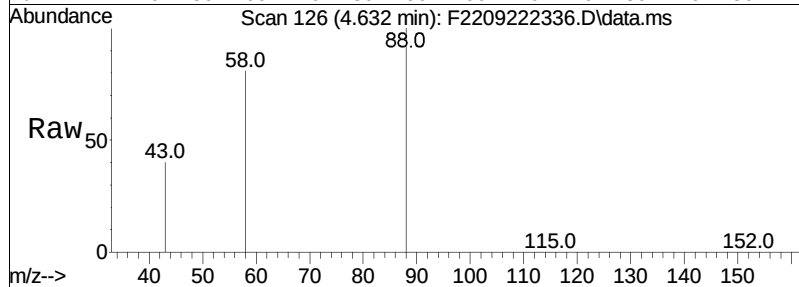
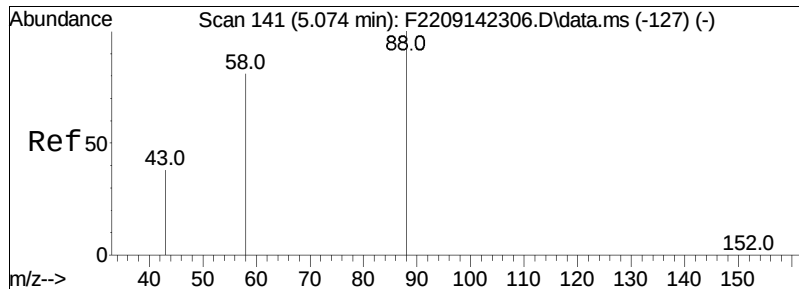
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
Data File : F2209222336.D
Acq On : 22 Sep 2023 6:38 pm
Operator : PAH22:TPR
Sample : l2353445-05,32,,,r3e
Misc : WG1830591,WG1829808,ICAL20365
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 23 04:12:46 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Sep 23 04:12:02 2023
Response via : Initial Calibration

Sub List : Default - All compounds listed





#2

1,4-dioxane

Concen: 2468.63 ng/mL

RT: 4.632 min Scan# 126

Delta R.T. 0.028 min

Lab File: F2209222336.D

Acq: 22 Sep 2023 6:38 pm

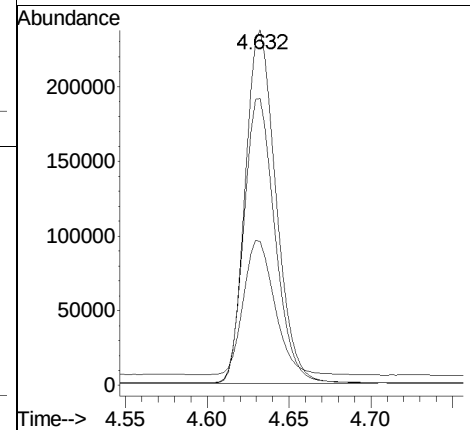
Tgt Ion: 88 Resp: 309297

Ion Ratio Lower Upper

88 100

58 81.1 66.2 99.4

43 38.8 31.6 47.4



Manual Integration/Negative Proof Report

Data Path	: O:\Organics\DATA\PAH22\2023Q	Method	: 14DIOX0914PAH22.M
Data File	: F2209222336.D	Operator	: PAH22:TPR
Date Inj'd	: 9/22/2023 6:38 pm	Instrument	: PAH22
Sample	: 12353445-05,32,,,r3e	Quant Date	: 9/23/2023 4:12 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222339.D
 Acq On : 22 Sep 2023 7:38 pm
 Operator : PAH22:TPR
 Sample : l2353445-06,32,,,r3e
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 23 04:12:52 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.588	64	38008	500.000	ng/mL	0.03
3) 1,4-Dichlorobenzene-d4	8.605	152	419142	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.588	64	38008	170.031	ng/mL	0.03
Spiked Amount	500.000	Range	15 - 115	Recovery	=	34.01%
Target Compounds						
2) 1,4-dioxane	4.635	88	384457	3684.670	ng/mL	Qvalue 98

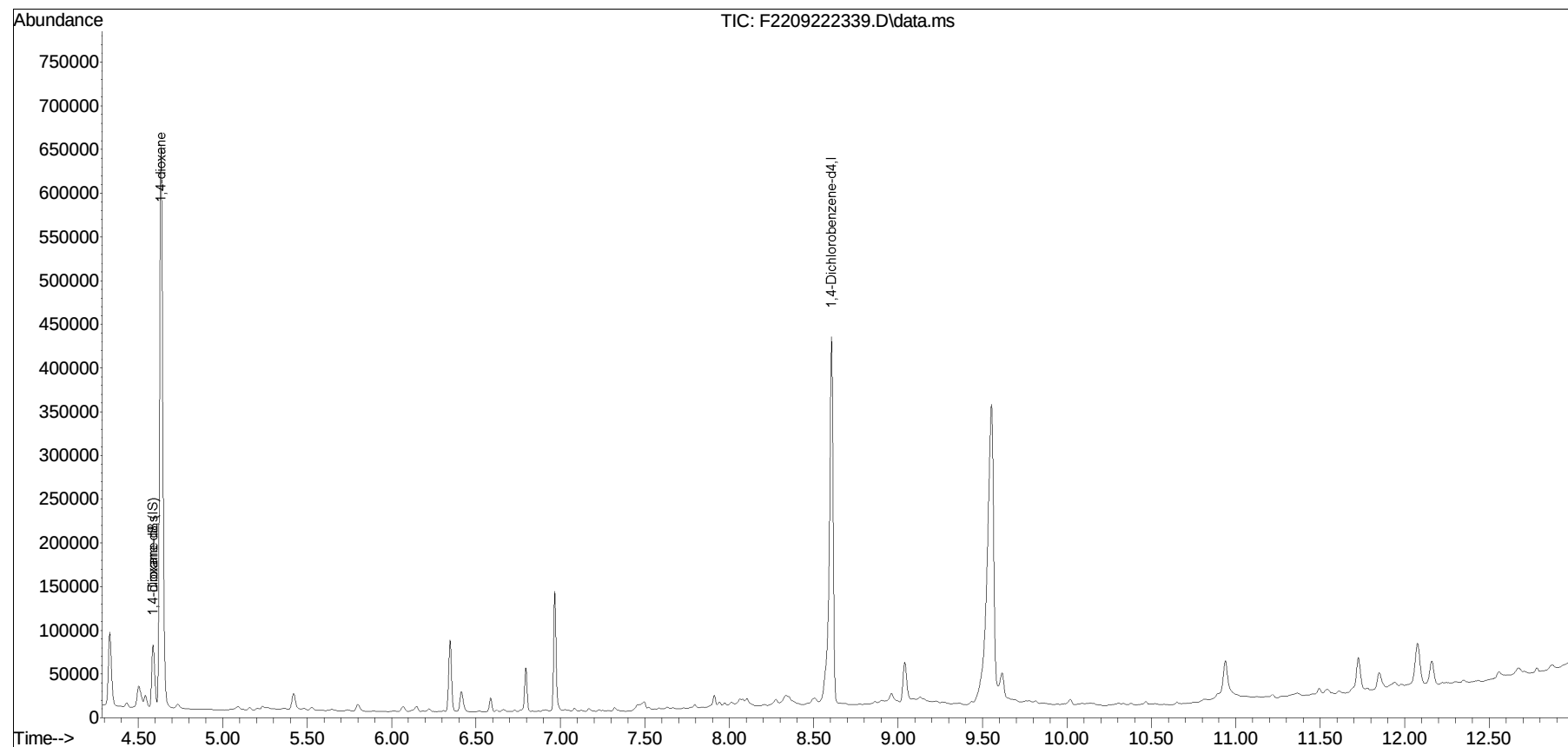
(#) = qualifier out of range (m) = manual integration (+) = signals summed

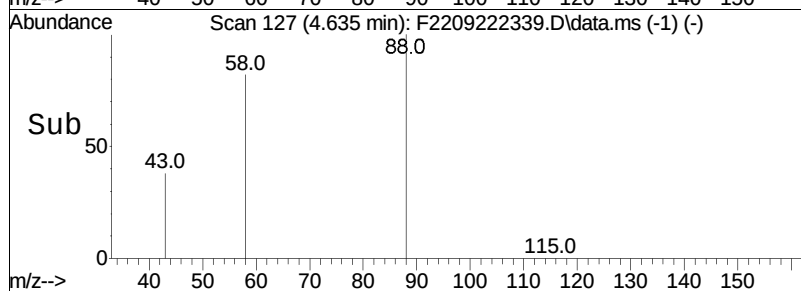
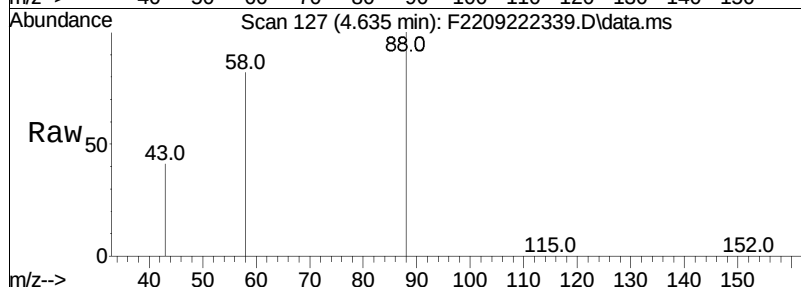
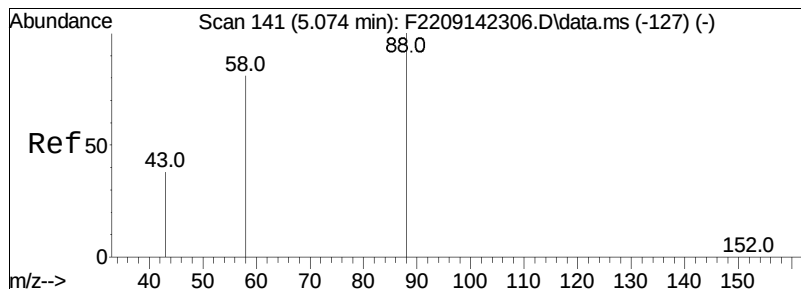
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
Data File : F2209222339.D
Acq On : 22 Sep 2023 7:38 pm
Operator : PAH22:TPR
Sample : l2353445-06,32,,,r3e
Misc : WG1830591,WG1829808,ICAL20365
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 23 04:12:52 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Sep 23 04:12:02 2023
Response via : Initial Calibration

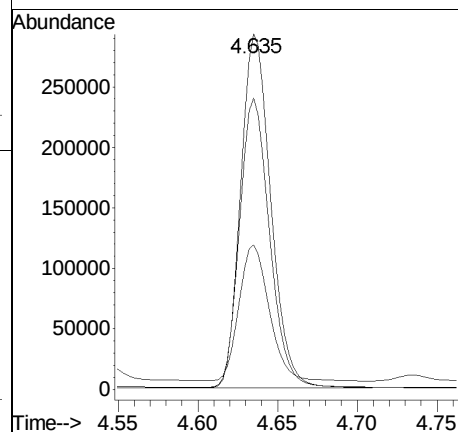
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 3684.67 ng/mL
 RT: 4.635 min Scan# 127
 Delta R.T. 0.030 min
 Lab File: F2209222339.D
 Acq: 22 Sep 2023 7:38 pm

Tgt Ion	88	Resp	384457
Ion Ratio	100	Lower	Upper
58	81.4	66.2	99.4
43	38.4	31.6	47.4



Manual Integration/Negative Proof Report

Data Path	: O:\Organics\DATA\PAH22\2023Q	Method	: 14DIOX0914PAH22.M
Data File	: F2209222339.D	Operator	: PAH22:TPR
Date Inj'd	: 9/22/2023 7:38 pm	Instrument	: PAH22
Sample	: 12353445-06,32,,,r3e	Quant Date	: 9/23/2023 4:12 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222340.D
 Acq On : 22 Sep 2023 7:58 pm
 Operator : PAH22:TPR
 Sample : l2353445-07,32,,,r3e
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 23 04:12:54 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.580	64	39987	500.000	ng/mL	0.02
3) 1,4-Dichlorobenzene-d4	8.605	152	407956	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.580	64	39987	183.789	ng/mL	0.02
Spiked Amount	500.000	Range	15 - 115	Recovery	=	36.76%
Target Compounds						
2) 1,4-dioxane	4.627	88	240373	2189.741	ng/mL	Qvalue 98

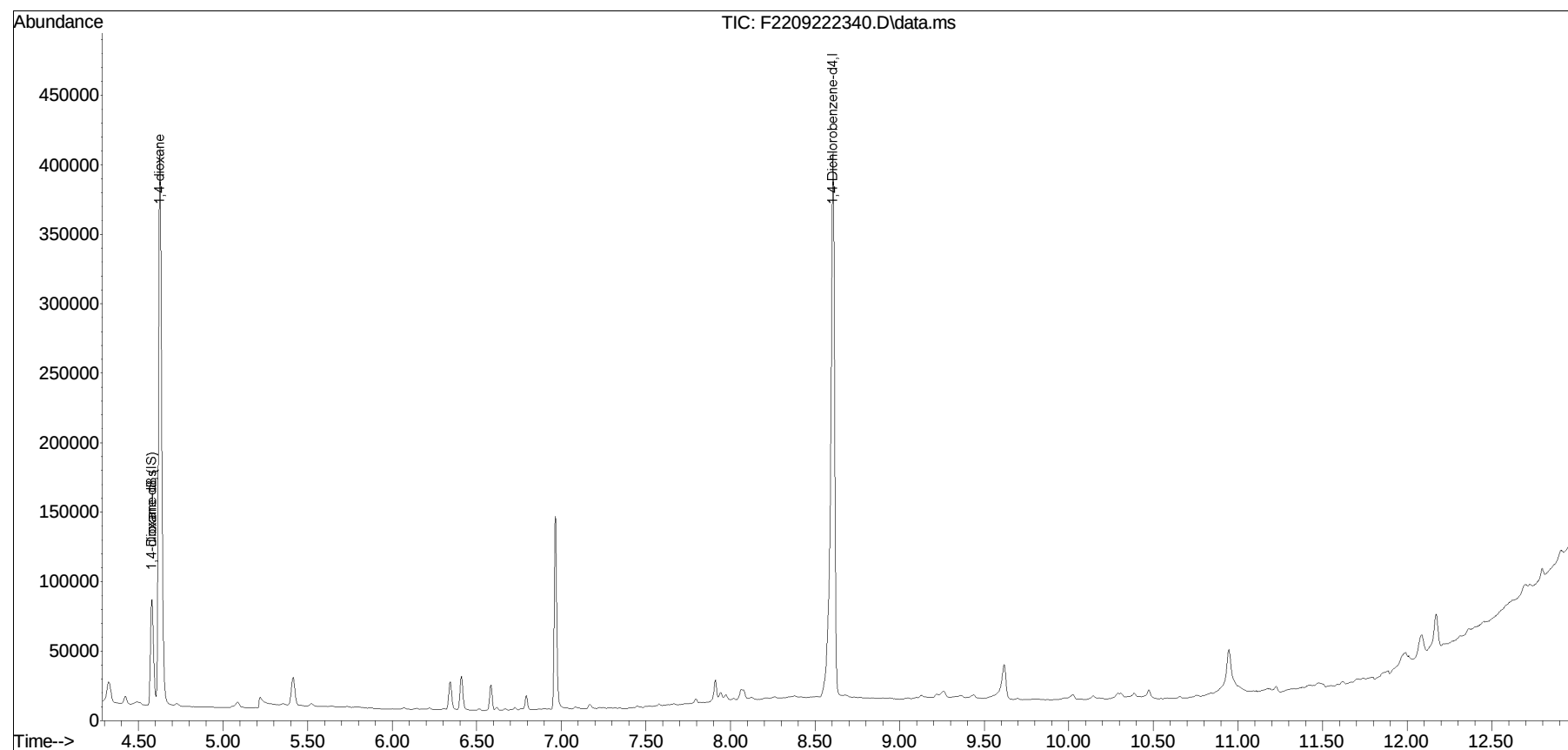
(#) = qualifier out of range (m) = manual integration (+) = signals summed

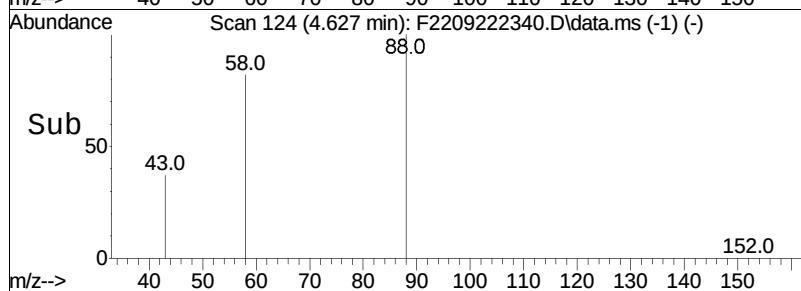
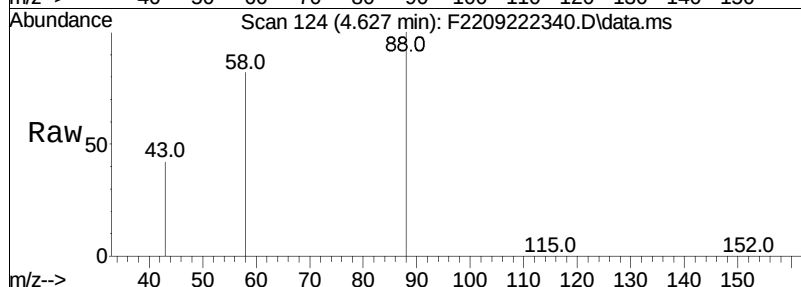
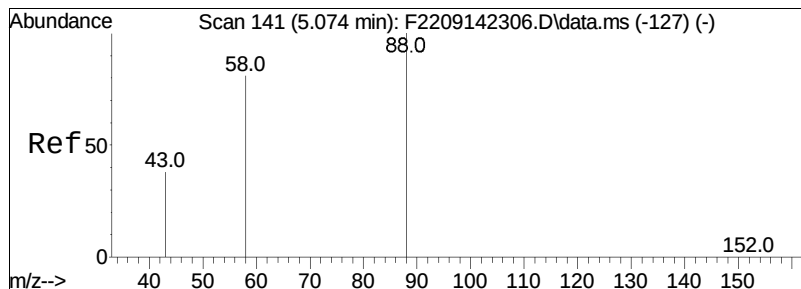
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
Data File : F2209222340.D
Acq On : 22 Sep 2023 7:58 pm
Operator : PAH22:TPR
Sample : l2353445-07,32,,,r3e
Misc : WG1830591,WG1829808,ICAL20365
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 23 04:12:54 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Sep 23 04:12:02 2023
Response via : Initial Calibration

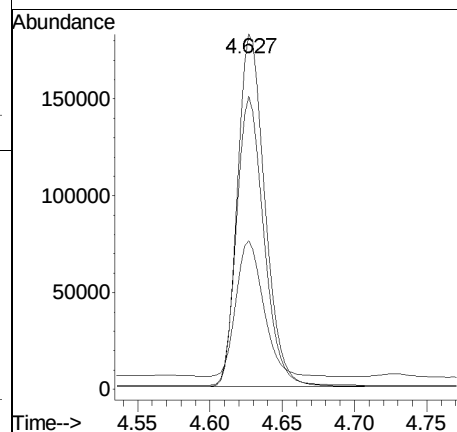
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 2189.74 ng/mL
 RT: 4.627 min Scan# 124
 Delta R.T. 0.022 min
 Lab File: F2209222340.D
 Acq: 22 Sep 2023 7:58 pm

Tgt Ion:	88	Resp:	240373
Ion Ratio	Lower	Upper	
88	100		
58	81.3	66.2	99.4
43	38.5	31.6	47.4



Manual Integration/Negative Proof Report

Data Path	: O:\Organics\DATA\PAH22\2023Q	Method	: 14DIOX0914PAH22.M
Data File	: F2209222340.D	Operator	: PAH22:TPR
Date Inj'd	: 9/22/2023 7:58 pm	Instrument	: PAH22
Sample	: 12353445-07,32,,,r3e	Quant Date	: 9/23/2023 4:12 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222341.D
 Acq On : 22 Sep 2023 8:18 pm
 Operator : PAH22:TPR
 Sample : l2353445-08,32,,,r3e
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Sep 23 04:12:56 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.580	64	36439	500.000	ng/mL	0.02
3) 1,4-Dichlorobenzene-d4	8.605	152	409051	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.580	64	36439	167.033	ng/mL	0.02
Spiked Amount	500.000	Range	15 - 115	Recovery	=	33.41%
Target Compounds						
2) 1,4-dioxane	4.632	88	51039	510.225	ng/mL	Qvalue 98

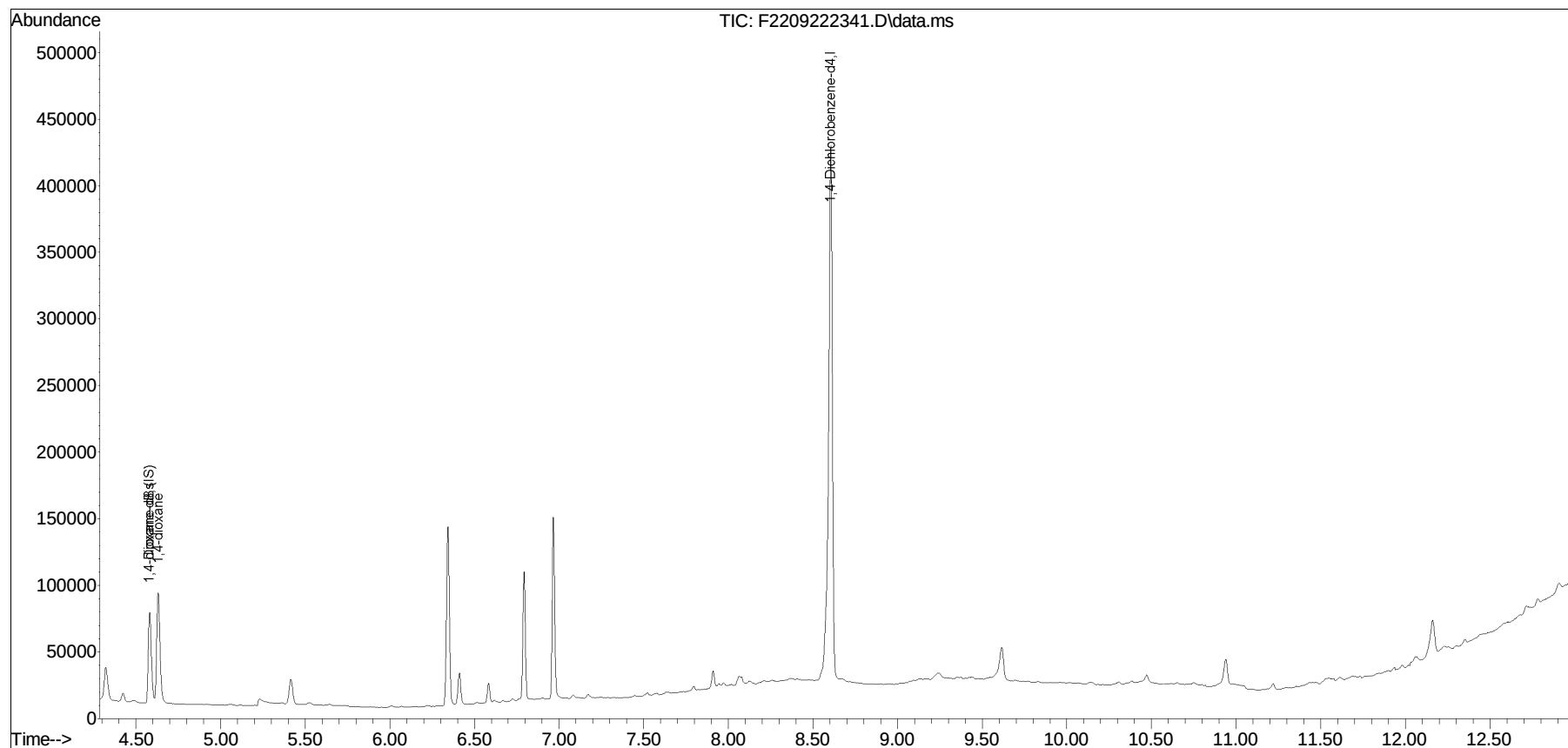
(#) = qualifier out of range (m) = manual integration (+) = signals summed

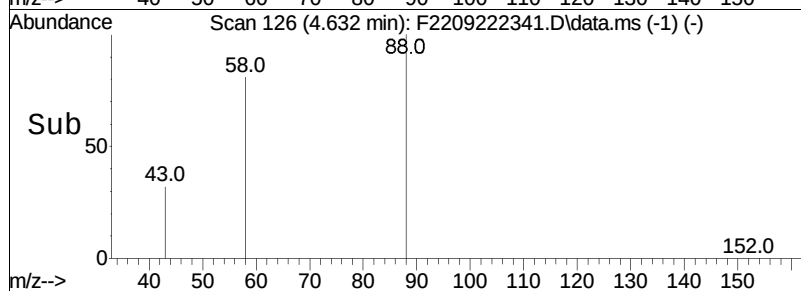
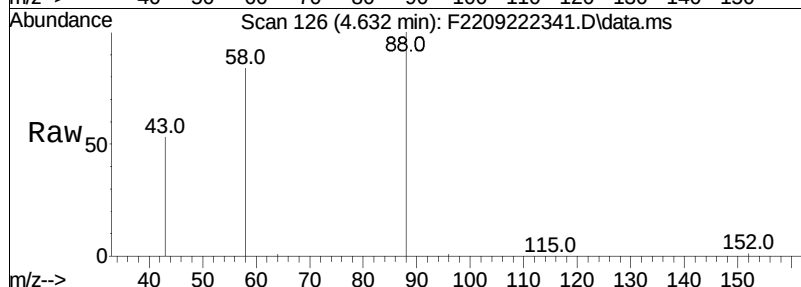
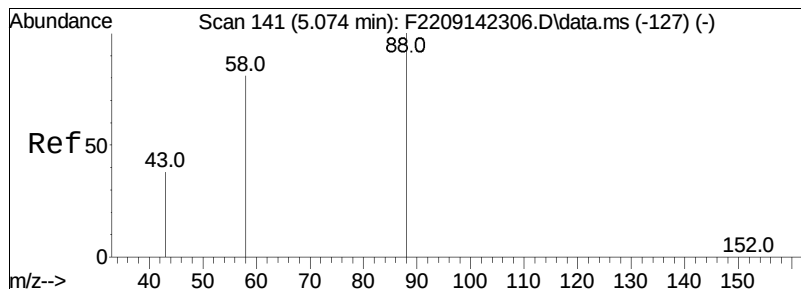
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222341.D
 Acq On : 22 Sep 2023 8:18 pm
 Operator : PAH22:TPR
 Sample : l2353445-08,32,,,r3e
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Sep 23 04:12:56 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed





#2

1,4-dioxane

Concen: 510.22 ng/mL

RT: 4.632 min Scan# 126

Delta R.T. 0.028 min

Lab File: F2209222341.D

Acq: 22 Sep 2023 8:18 pm

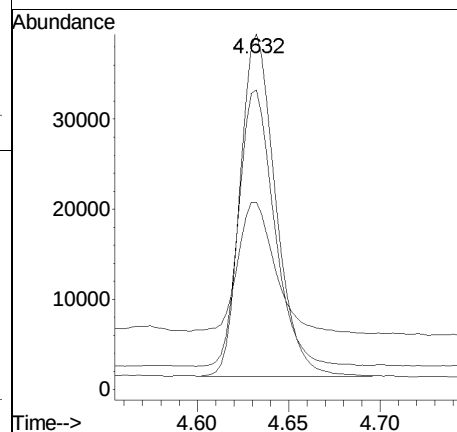
Tgt Ion: 88 Resp: 51039

Ion Ratio Lower Upper

88 100

58 81.7 66.2 99.4

43 41.0 31.6 47.4



Manual Integration/Negative Proof Report

Data Path	: O:\Organics\DATA\PAH22\2023Q	Method	: 14DIOX0914PAH22.M
Data File	: F2209222341.D	Operator	: PAH22:TPR
Date Inj'd	: 9/22/2023 8:18 pm	Instrument	: PAH22
Sample	: 12353445-08,32,,,r3e	Quant Date	: 9/23/2023 4:12 am

There are no manual integrations or false positives in this file.

Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary

Form 6

Semivolatiles

Client : Sterling Environmental Engineering
 Project Name : TROY BELTING
 Instrument ID : PAH22
 Calibration dates : 09/14/23 10:09 09/14/23 12:26

Lab Number : L2353445
 Project Number : 2011-31
 Ical Ref : ICAL20365

Calibration Files

10 =F2209142302.D 50 =F2209142303.D 100 =F2209142304.D 500 =F2209142305.D 1000=F2209142306.D
 5000=F2209142307.D 1e04=F2209142308.D

Compound	10	50	100	500	1000	5000	1e04	Avg	%RSD
1) 1,4-Dioxane-d8 (IS)	-----ISTD-----								
2) 1,4-dioxane	1.585	1.392	1.326	1.364	1.378	1.336	1.228	1.373	7.87
3) I 1,4-Dichlorobenzene-d4	-----ISTD-----								
4) s 1,4-dioxane-d8	0.261	0.271	0.269	0.262	0.265	0.263	0.275	0.267	1.97



Response Factor Report PAH22

Method Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
 Method File : 14DIOX0914PAH22.M
 Title : Semivolatiles by GC/MS
 Last Update : Thu Sep 14 12:40:42 2023
 Response Via : Initial Calibration

Calibration Files

10 =F2209142302.D 50 =F2209142303.D 100 =F2209142304.D 500 =F2209142305.D 1000=F2209142306.D
 5000=F2209142307.D 1e04=F2209142308.D

Compound		10	50	100	500	1000	5000	1e04	Avg	%RSD

1)	1,4-Dioxane-d8 (IS)	-----ISTD-----								
2)	1,4-dioxane	1.585	1.392	1.326	1.364	1.378	1.336	1.228	1.373	7.87
3) I	1,4-Dichlorobenzene-d4	-----ISTD-----								
4) s	1,4-dioxane-d8	0.261	0.271	0.269	0.262	0.265	0.263	0.275	0.267	1.97

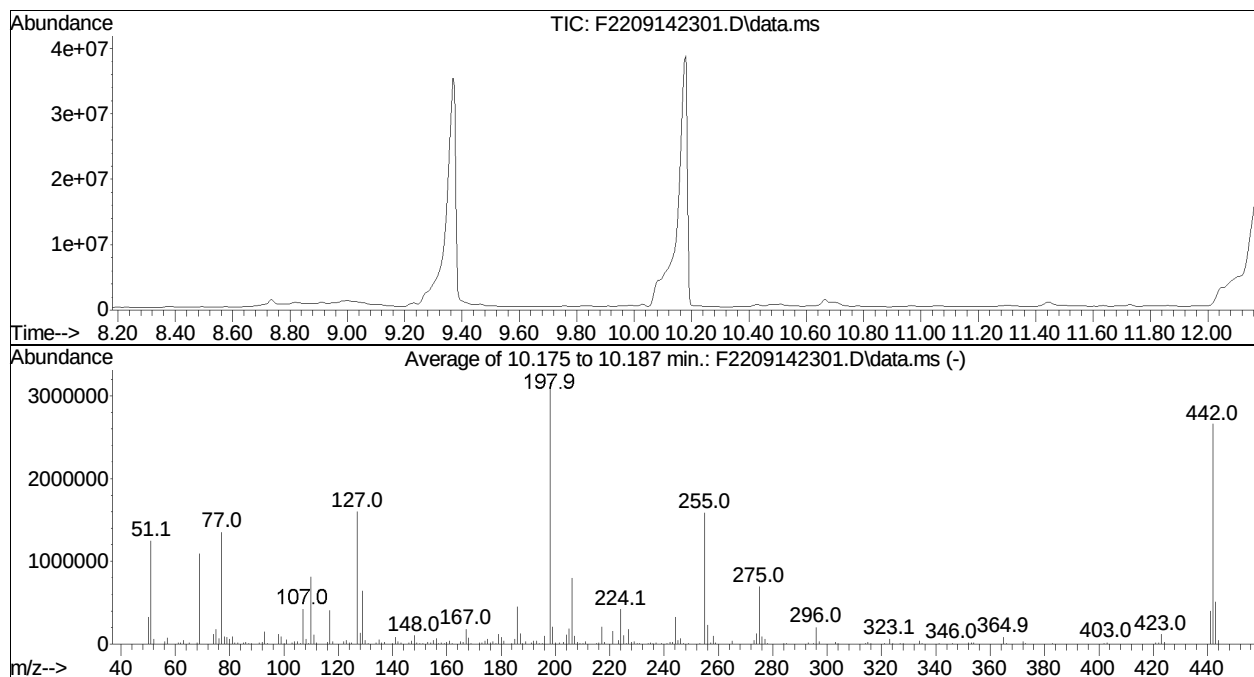
(#) = Out of Range										

DFTPP

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
Data File : F2209142301.D
Acq On : 14 Sep 2023 9:31 am
Operator : PAH22:TPR
Sample : T2209142301
Misc : WG1827559,,MSBQ13
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
Title : Semivolatiles by GC/MS
Last Update : Thu Sep 14 12:40:42 2023



Spectrum Information: Average of 10.175 to 10.187 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	39.5	1248661	PASS
68	69	0.00	2	1.4	15338	PASS
70	69	0.00	2	0.4	4160	PASS
127	198	10	80	50.7	1601109	PASS
197	198	0.00	2	0.0	771	PASS
198	198	100	100	100.0	3158229	PASS
199	198	5	9	6.7	210861	PASS
275	198	10	60	22.0	695467	PASS
365	198	1	100	2.7	84975	PASS
441	442	0.01	24	15.0	397901	PASS
442	198	50	100	84.2	2659733	PASS
443	442	15	24	19.2	510245	PASS

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
 Data File : F2209142302.D
 Acq On : 14 Sep 2023 10:09 am
 Operator : PAH22:TPR
 Sample : I2209142301
 Misc : WG1827559,,MSBQ26
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 14 12:08:46 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Sep 14 12:08:37 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.980	64	97188	500.000	ng/mL	0.00
3) 1,4-Dichlorobenzene-d4	8.933	152	371769	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.980	64	97188	496.912	ng/mL	0.00
Spiked Amount	500.000	Range	15 - 115	Recovery	=	99.38%
Target Compounds						
2) 1,4-dioxane	5.043	88	3081M4	10.700	ng/mL	Qvalue

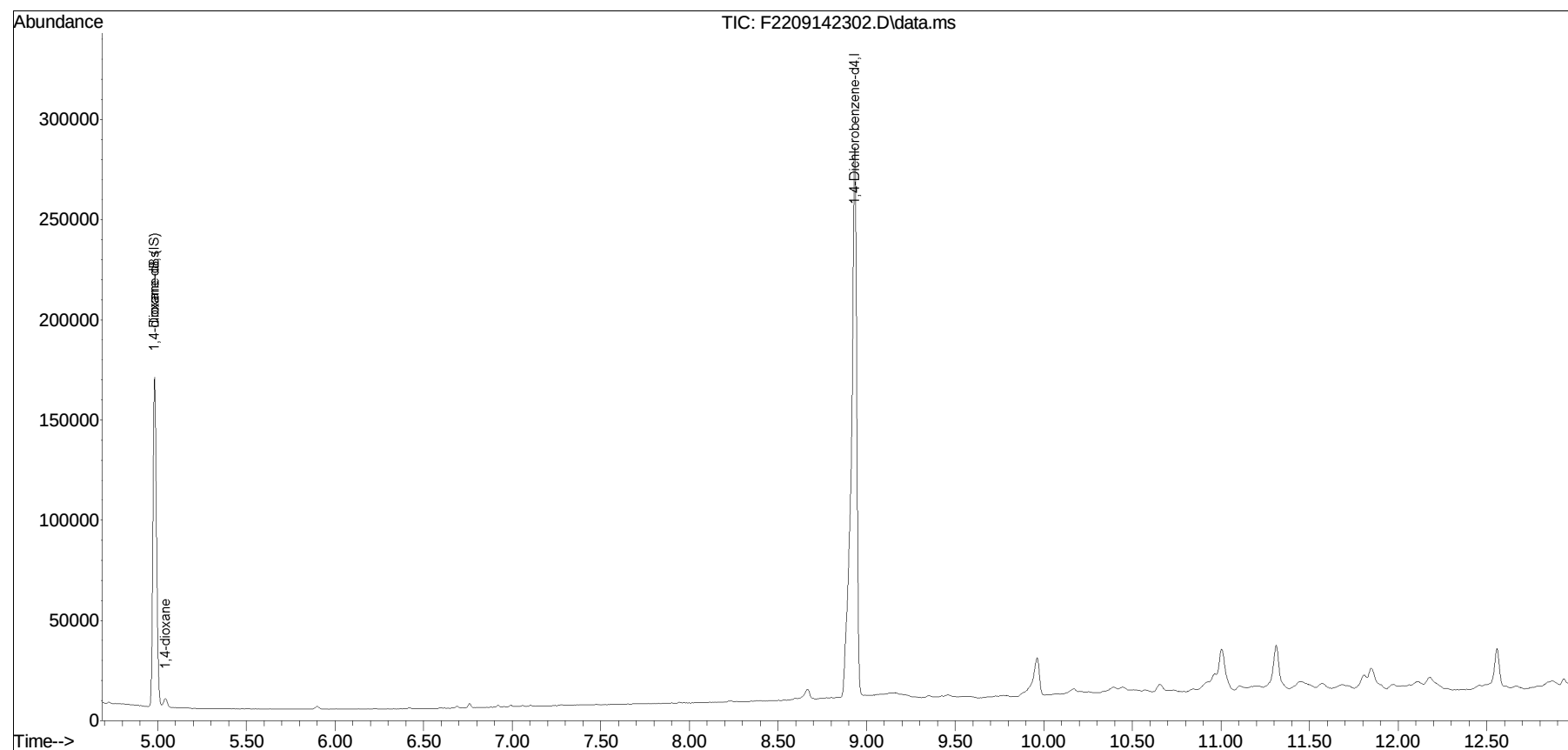
(#) = qualifier out of range (m) = manual integration (+) = signals summed

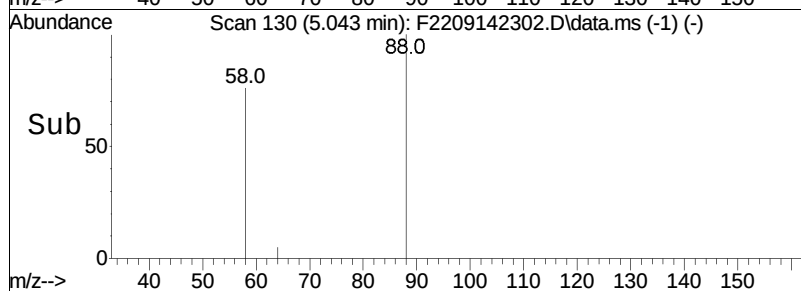
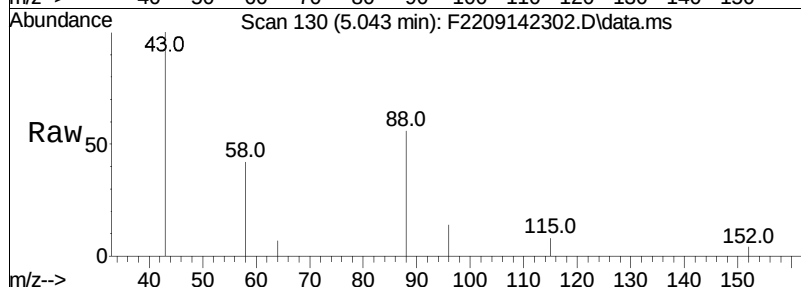
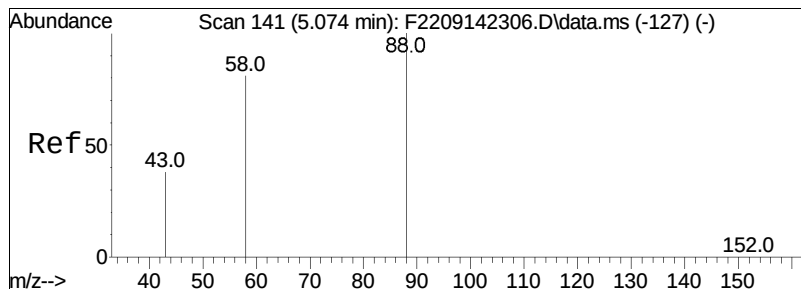
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
Data File : F2209142302.D
Acq On : 14 Sep 2023 10:09 am
Operator : PAH22:TPR
Sample : I2209142301
Misc : WG1827559,,MSBQ26
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 14 12:08:46 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Sep 14 12:08:37 2023
Response via : Initial Calibration

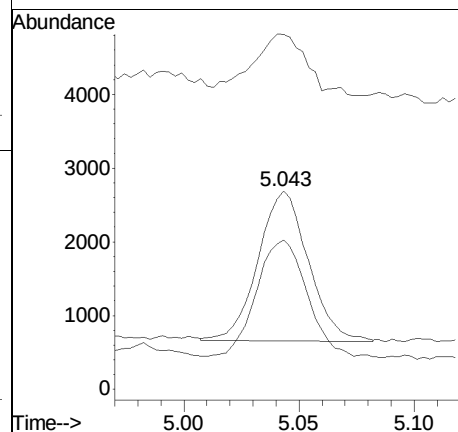
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 10.70 ng/mL M4
 RT: 5.043 min Scan# 130
 Delta R.T. 0.000 min
 Lab File: F2209142302.D
 Acq: 14 Sep 2023 10:09 am

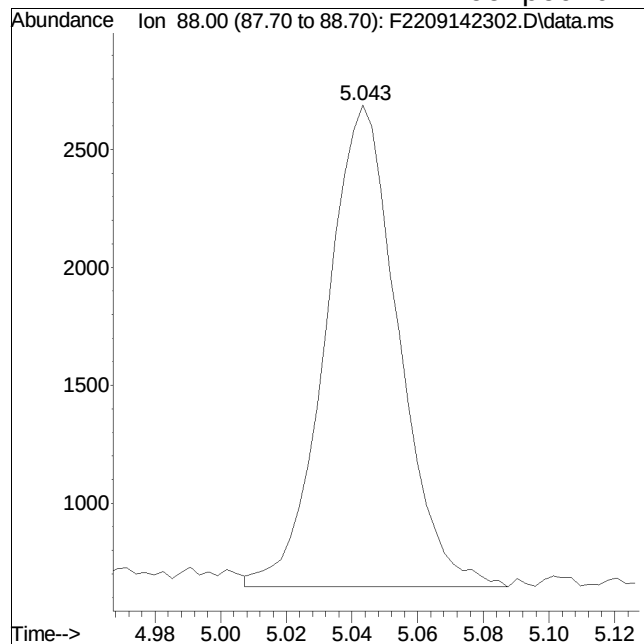
Tgt Ion: 88 Resp: 3081
 Ion Ratio Lower Upper
 88 100
 58 77.3 66.0 99.0
 43 38.0 30.4 45.6



Manual Integration/Negative Proof Report

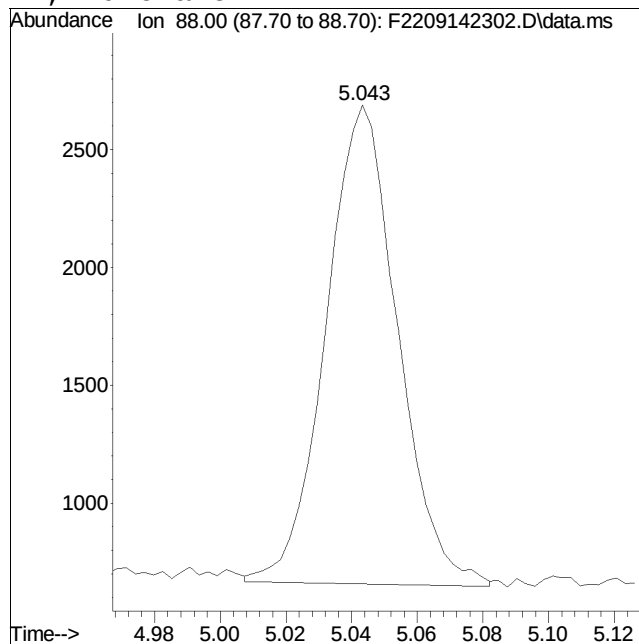
Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
Data File : F2209142302.D Operator : PAH22:TPR
Date Inj'd : 9/14/2023 10:09 am Instrument : PAH22
Sample : I2209142301 Quant Date : 9/14/2023 12:08 pm

Compound #2: 1,4-dioxane



Original Peak Response = 3144

M4 = Poor automated baseline construction.



Manual Peak Response = 3081 M4

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
 Data File : F2209142303.D
 Acq On : 14 Sep 2023 10:31 am
 Operator : PAH22:TPR
 Sample : I2209142302
 Misc : WG1827559,,MSBQ27
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 14 12:09:45 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Sep 14 12:09:38 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.988	64	101460	500.000	ng/mL	0.00
3) 1,4-Dichlorobenzene-d4	8.933	152	374213	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.988	64	101460	510.140	ng/mL	0.00
Spiked Amount	500.000	Range	15 - 115	Recovery	=	102.03%
Target Compounds						
2) 1,4-dioxane	5.052	88	14119M4	47.938	ng/mL	Qvalue

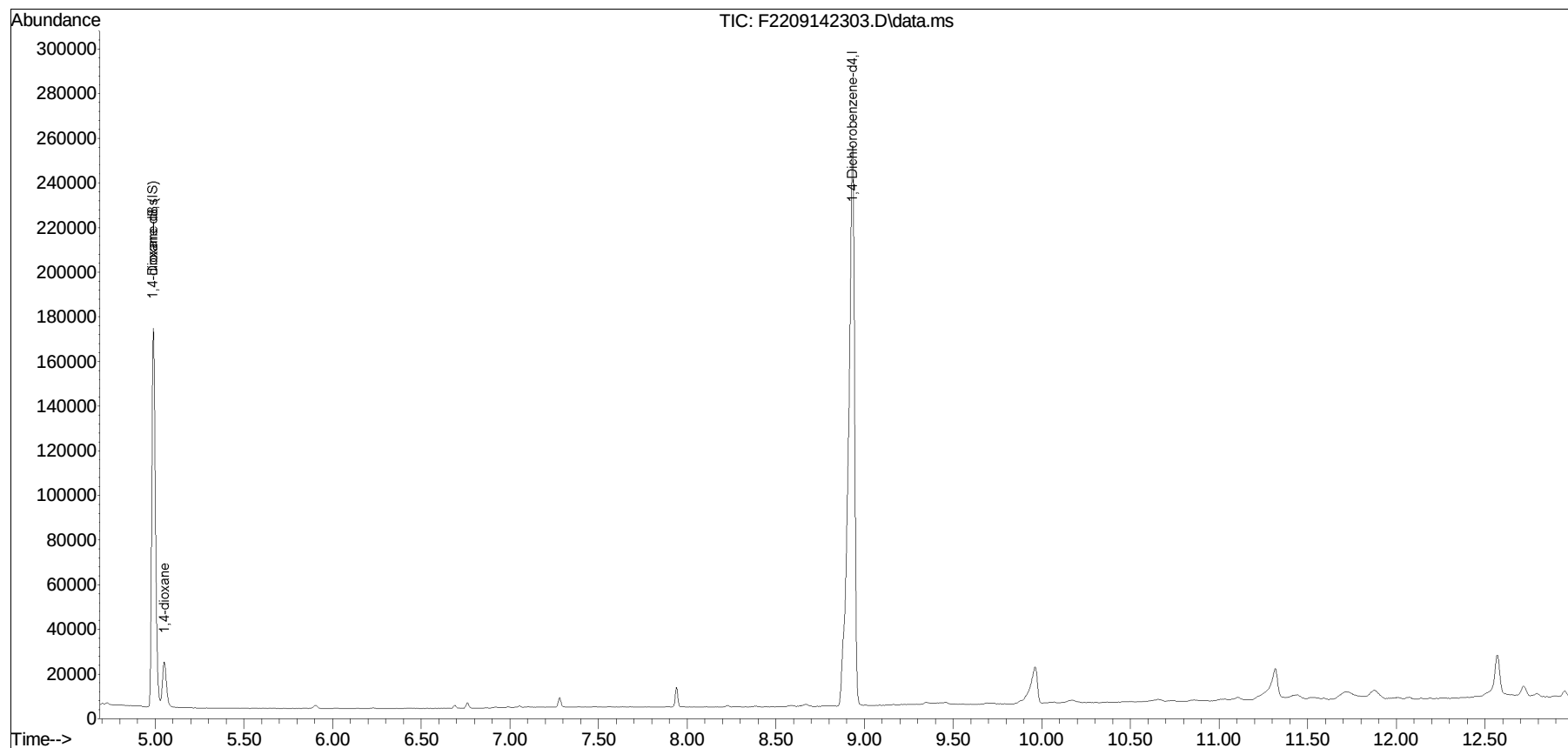
(#) = qualifier out of range (m) = manual integration (+) = signals summed

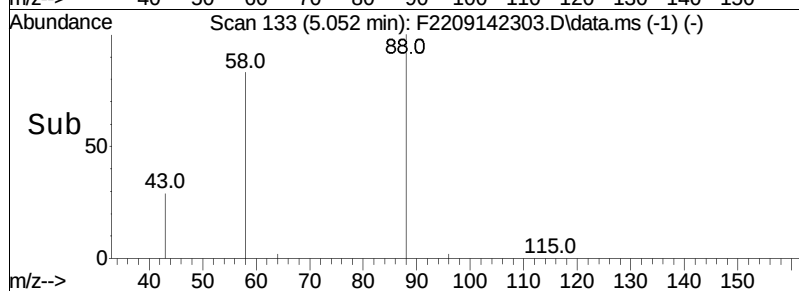
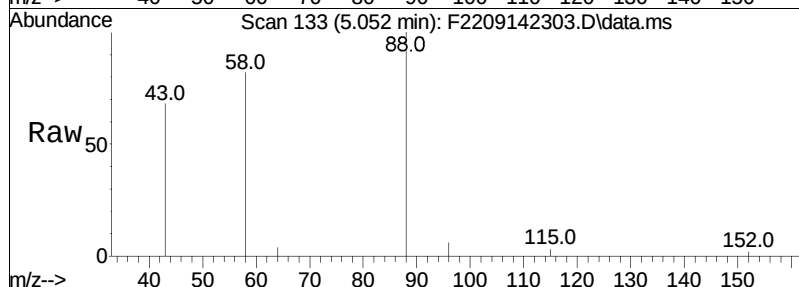
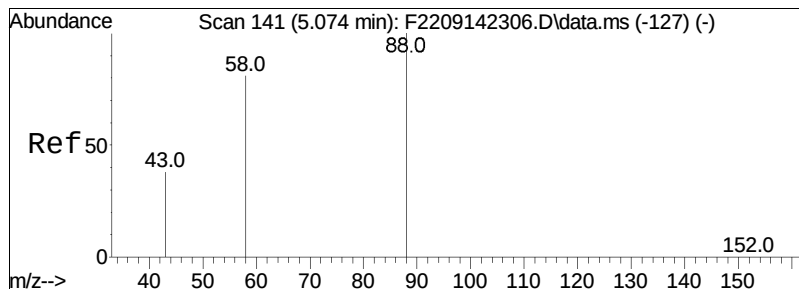
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
Data File : F2209142303.D
Acq On : 14 Sep 2023 10:31 am
Operator : PAH22:TPR
Sample : I2209142302
Misc : WG1827559,,MSBQ27
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 14 12:09:45 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Sep 14 12:09:38 2023
Response via : Initial Calibration

Sub List : Default - All compounds listed





#2

1,4-dioxane

Concen: 47.94 ng/mL M4

RT: 5.052 min Scan# 133

Delta R.T. 0.000 min

Lab File: F2209142303.D

Acq: 14 Sep 2023 10:31 am

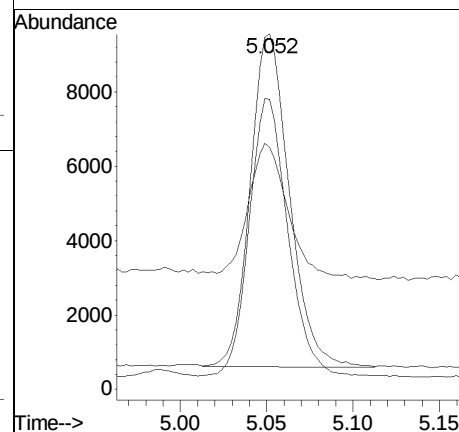
Tgt Ion: 88 Resp: 14119

Ion Ratio Lower Upper

88 100

58 82.4 65.9 98.9

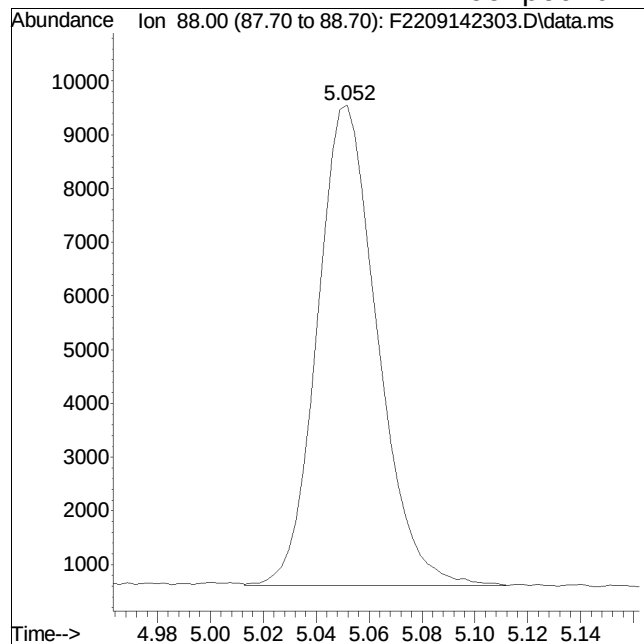
43 39.2 31.4 47.0



Manual Integration/Negative Proof Report

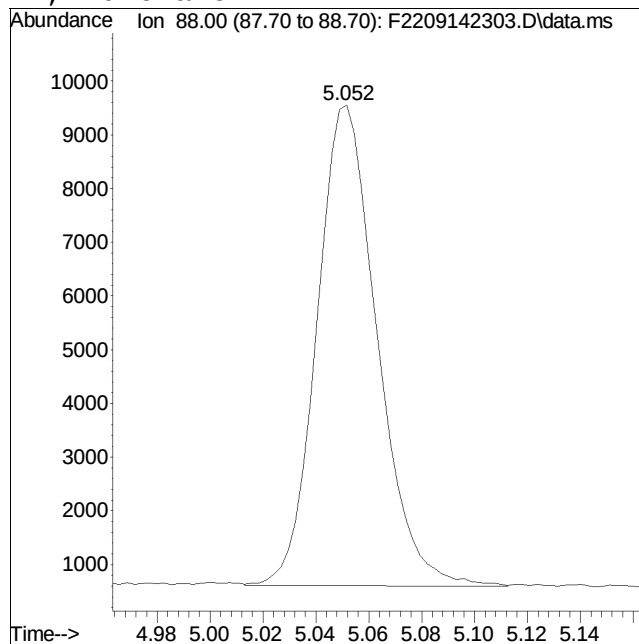
Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
Data File : F2209142303.D Operator : PAH22:TPR
Date Inj'd : 9/14/2023 10:31 am Instrument : PAH22
Sample : I2209142302 Quant Date : 9/14/2023 12:09 pm

Compound #2: 1,4-dioxane



Original Peak Response = 14095

M4 = Poor automated baseline construction.



Manual Peak Response = 14119 M4

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
 Data File : F2209142304.D
 Acq On : 14 Sep 2023 10:54 am
 Operator : PAH22:TPR
 Sample : I2209142303
 Misc : WG1827559,,MSBQ28
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 14 12:11:27 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Sep 14 12:11:19 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	5.007	64	106204	500.000	ng/mL	0.00
3) 1,4-Dichlorobenzene-d4	8.933	152	394359	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	5.007	64	106204	505.019	ng/mL	0.00
Spiked Amount	500.000	Range	15 - 115	Recovery	=	101.00%
Target Compounds						
2) 1,4-dioxane	5.068	88	28156M4	93.351	ng/mL	Qvalue

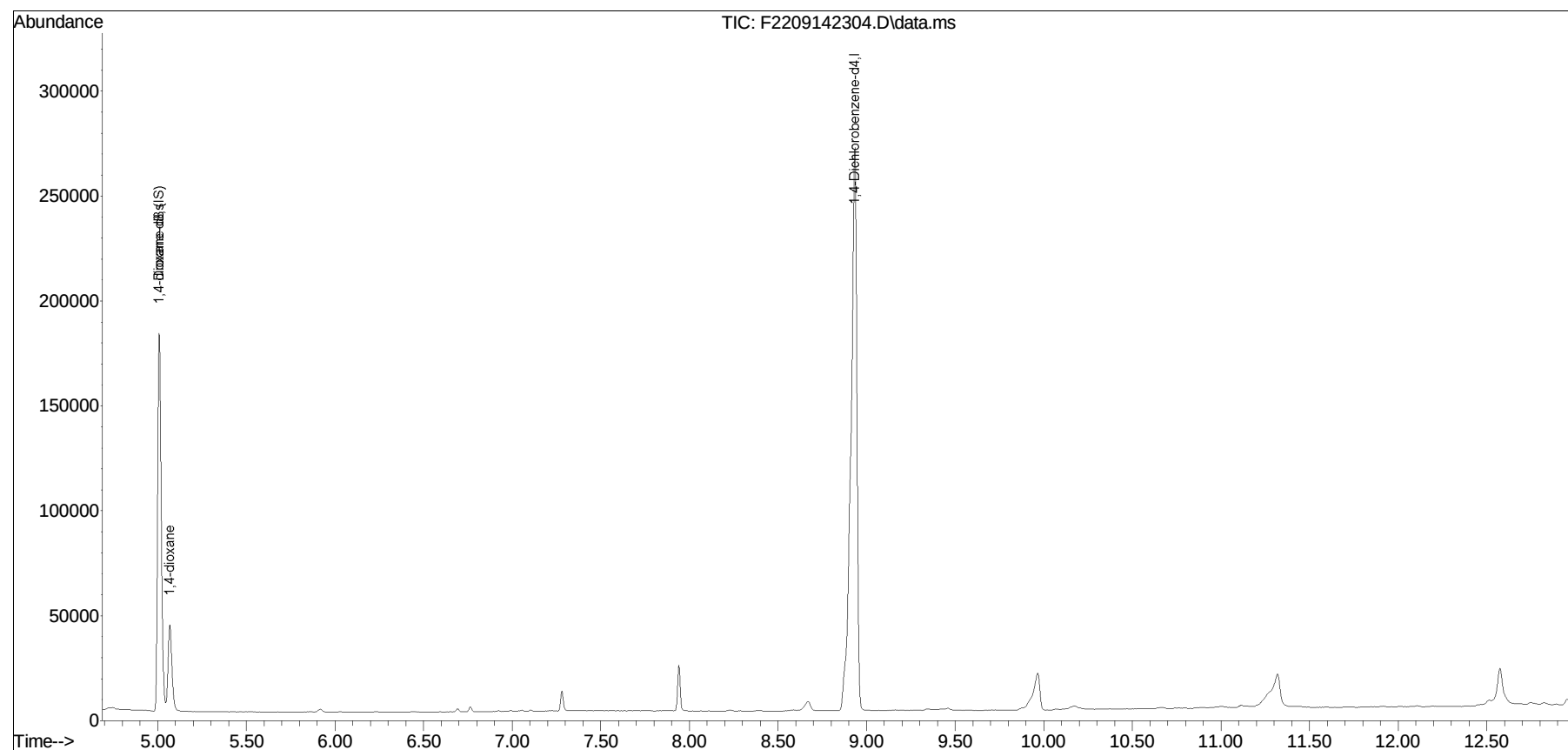
(#) = qualifier out of range (m) = manual integration (+) = signals summed

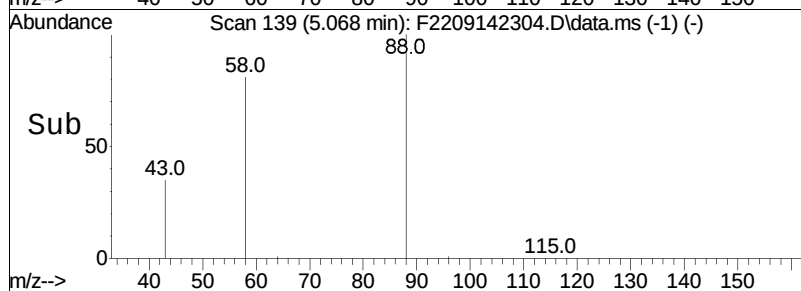
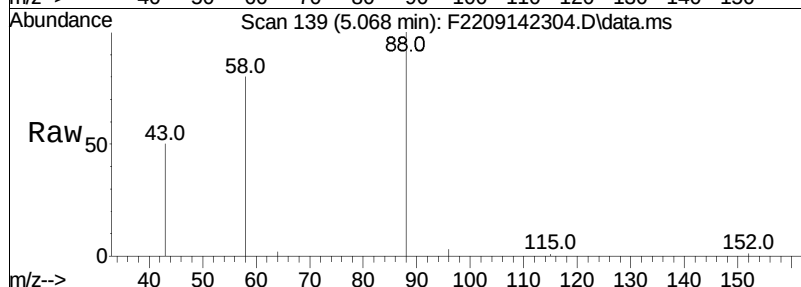
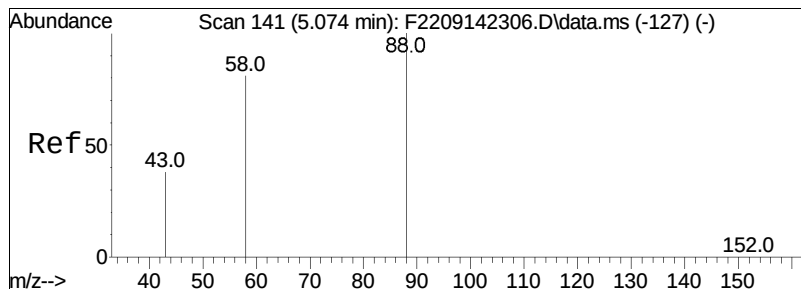
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
Data File : F2209142304.D
Acq On : 14 Sep 2023 10:54 am
Operator : PAH22:TPR
Sample : I2209142303
Misc : WG1827559,,MSBQ28
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 14 12:11:27 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Sep 14 12:11:19 2023
Response via : Initial Calibration

Sub List : Default - All compounds listed





#2

1,4-dioxane

Concen: 93.35 ng/mL M4

RT: 5.068 min Scan# 139

Delta R.T. 0.000 min

Lab File: F2209142304.D

Acq: 14 Sep 2023 10:54 am

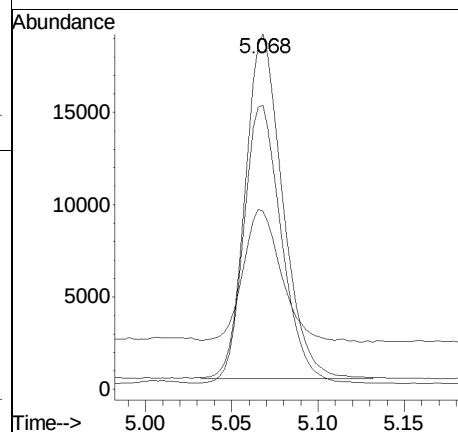
Tgt Ion: 88 Resp: 28156

Ion Ratio Lower Upper

88 100

58 81.4 65.1 97.7

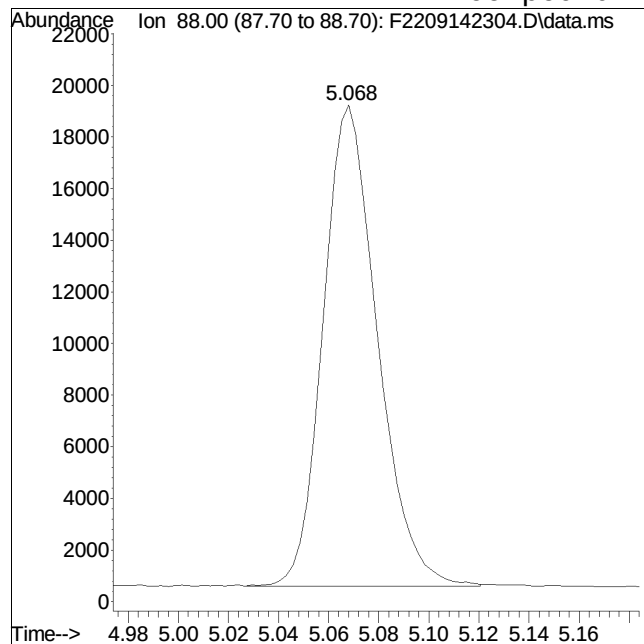
43 38.4 30.7 46.1



Manual Integration/Negative Proof Report

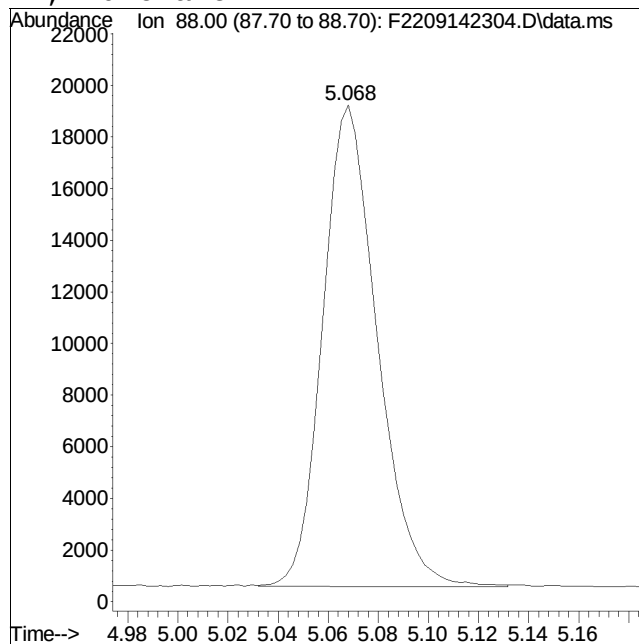
Data Path : O:\Organics\DATA\PAH22\20230914\Method : 14DIOX0914PAH22.M
Data File : F2209142304.D Operator : PAH22:TPR
Date Inj'd : 9/14/2023 10:54 am Instrument : PAH22
Sample : I2209142303 Quant Date : 9/14/2023 12:11 pm

Compound #2: 1,4-dioxane



Original Peak Response = 28021

M4 = Poor automated baseline construction.



Manual Peak Response = 28156 M4

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
 Data File : F2209142305.D
 Acq On : 14 Sep 2023 11:16 am
 Operator : PAH22:TPR
 Sample : I2209142304
 Misc : WG1827559,,MSBQ29
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 14 12:12:29 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Sep 14 12:12:22 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	5.005	64	106172	500.000	ng/mL	0.00
3) 1,4-Dichlorobenzene-d4	8.931	152	405165	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	5.005	64	106172	493.097	ng/mL	0.00
Spiked Amount	500.000	Range	15 - 115	Recovery	=	98.62%
Target Compounds						
2) 1,4-dioxane	5.060	88	144839M4	484.163	ng/mL	Qvalue

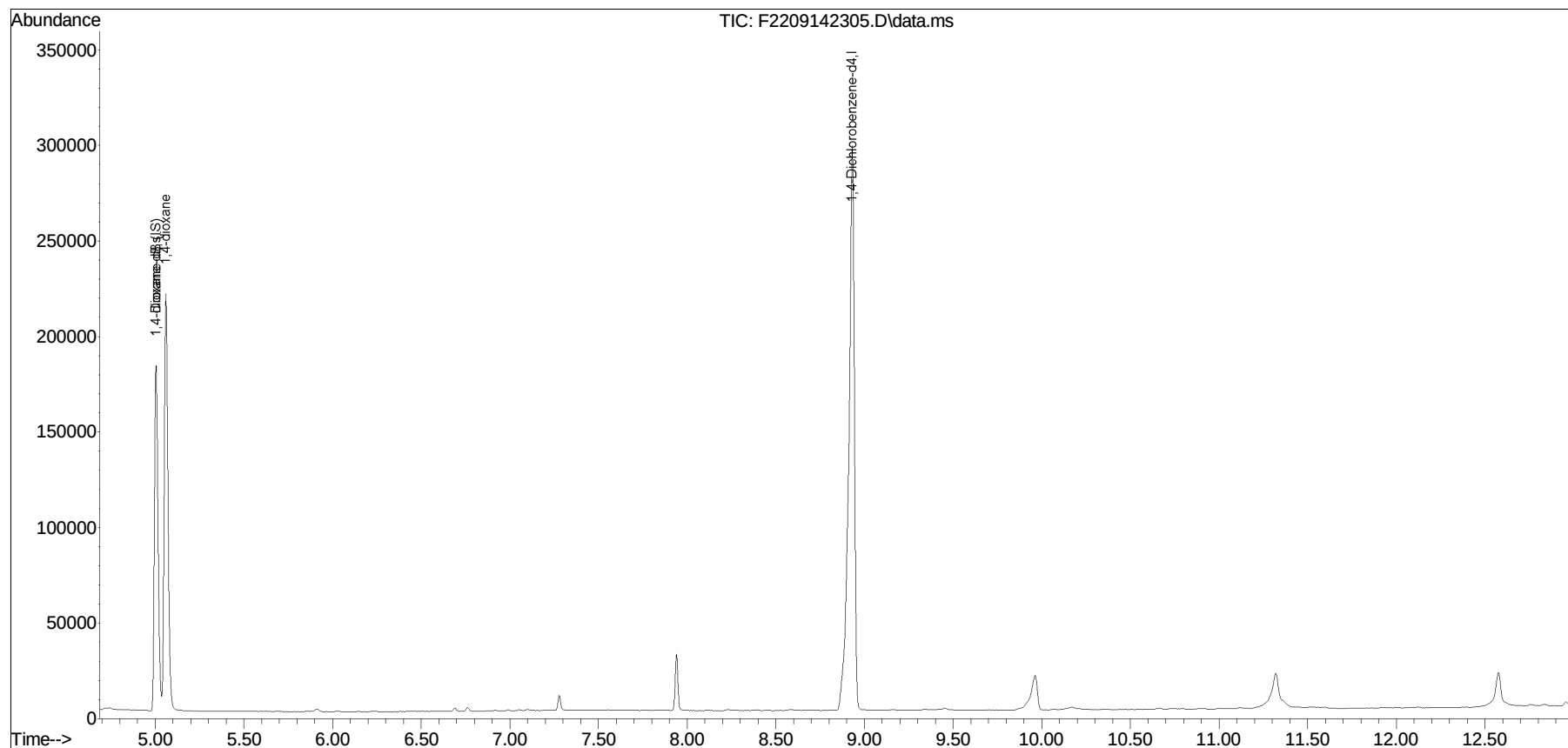
(#) = qualifier out of range (m) = manual integration (+) = signals summed

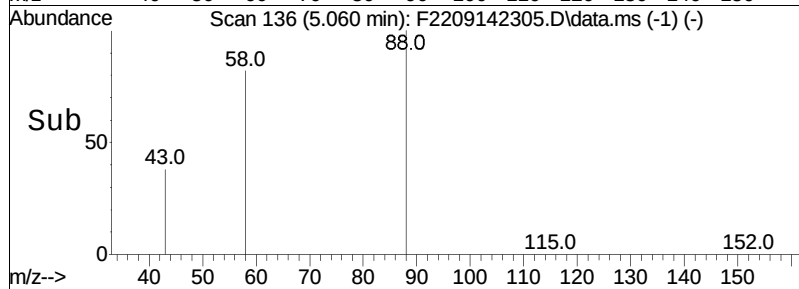
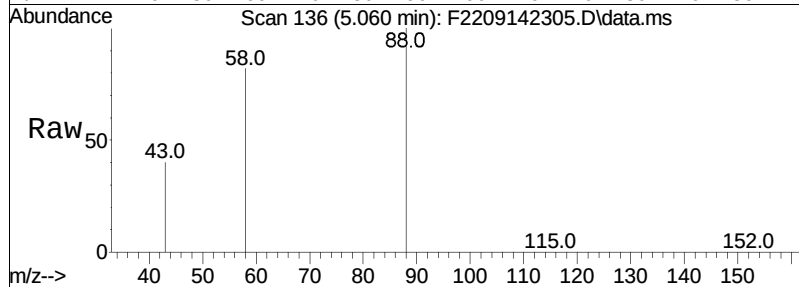
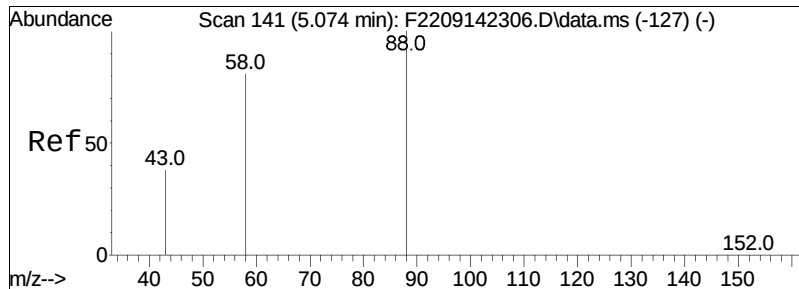
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
Data File : F2209142305.D
Acq On : 14 Sep 2023 11:16 am
Operator : PAH22:TPR
Sample : I2209142304
Misc : WG1827559,,MSBQ29
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 14 12:12:29 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Sep 14 12:12:22 2023
Response via : Initial Calibration

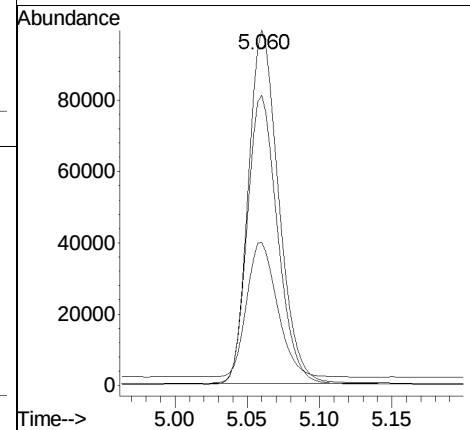
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 484.16 ng/mL M4
 RT: 5.060 min Scan# 136
 Delta R.T. 0.000 min
 Lab File: F2209142305.D
 Acq: 14 Sep 2023 11:16 am

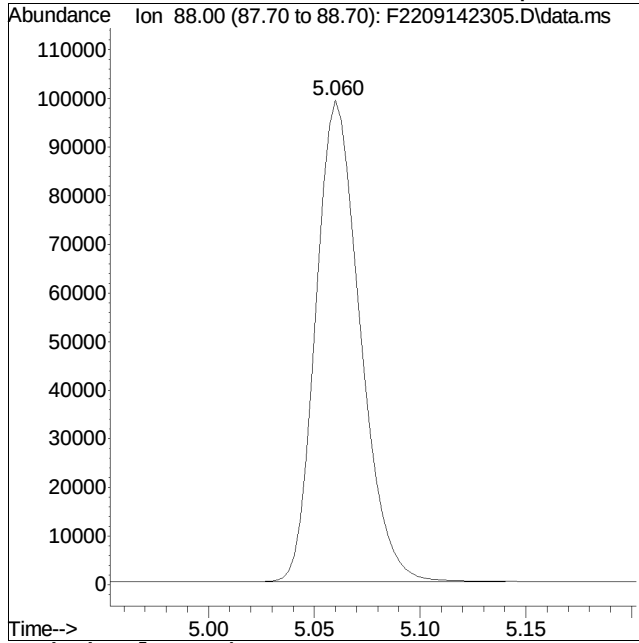
Tgt Ion	88	58	43	Ratio	100	81.8	38.4	Resp:	144839	Lower	Upper
88	100										
58		81.8			65.4						
43			38.4		30.7						



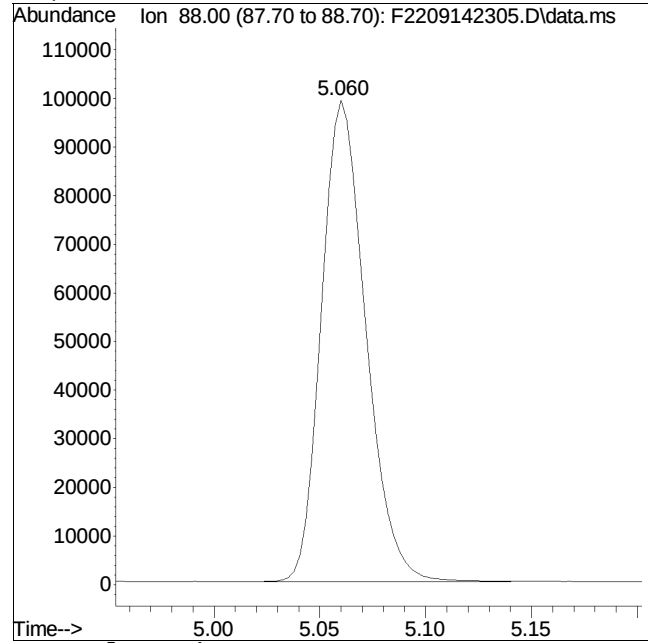
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
Data File : F2209142305.D Operator : PAH22:TPR
Date Inj'd : 9/14/2023 11:16 am Instrument : PAH22
Sample : I2209142304 Quant Date : 9/14/2023 12:12 pm

Compound #2: 1,4-dioxane



Original Peak Response = 144634



Manual Peak Response = 144839 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
 Data File : F2209142306.D
 Acq On : 14 Sep 2023 11:39 am
 Operator : PAH22:TPR
 Sample : I2209142305
 Misc : WG1827559,,MSBQ45
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 14 12:05:35 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Sep 14 12:05:27 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	5.018	64	106425M2	500.000	ng/mL	0.00
3) 1,4-Dichlorobenzene-d4	8.936	152	402026M2	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	5.018	64	106404M2	500.000	ng/mL	0.00
Spiked Amount	500.000	Range	15 - 115	Recovery	=	100.00%
Target Compounds						
2) 1,4-dioxane	5.074	88	293236M2	1000.000	ng/mL	Qvalue

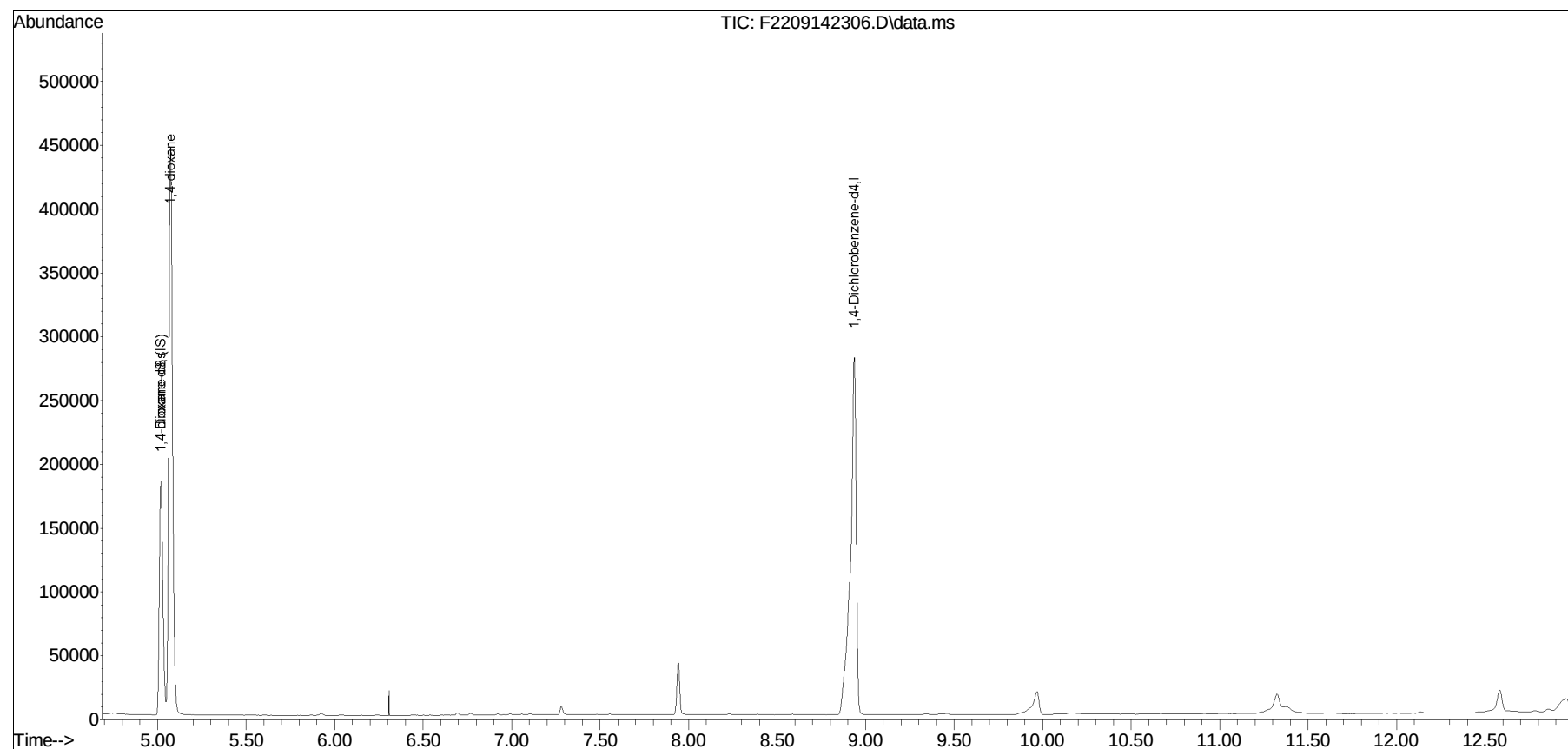
(#) = qualifier out of range (m) = manual integration (+) = signals summed

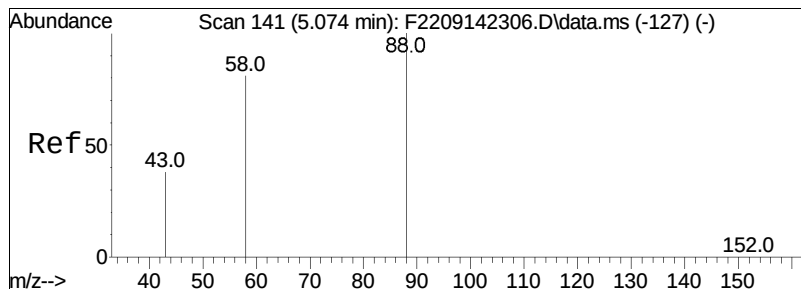
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
Data File : F2209142306.D
Acq On : 14 Sep 2023 11:39 am
Operator : PAH22:TPR
Sample : I2209142305
Misc : WG1827559,,MSBQ45
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 14 12:05:35 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Sep 14 12:05:27 2023
Response via : Initial Calibration

Sub List : Default - All compounds listed





#2

1,4-dioxane

Concen: 1000.00 ng/mL M2

RT: 5.074 min Scan# 141

Delta R.T. 0.000 min

Lab File: F2209142306.D

Acq: 14 Sep 2023 11:39 am

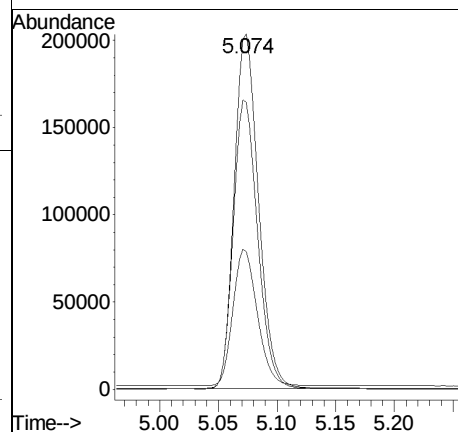
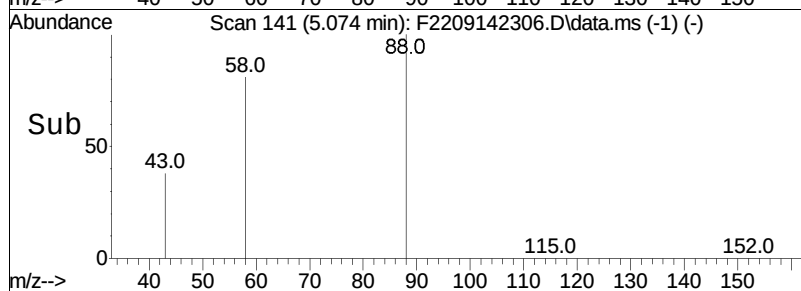
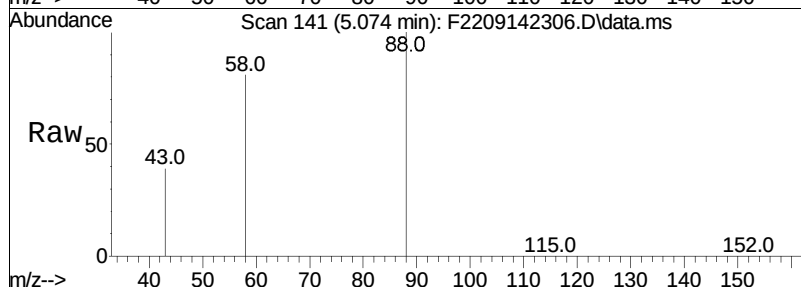
Tgt Ion: 88 Resp: 293236

Ion Ratio Lower Upper

88 100

58 81.7 65.7 98.5

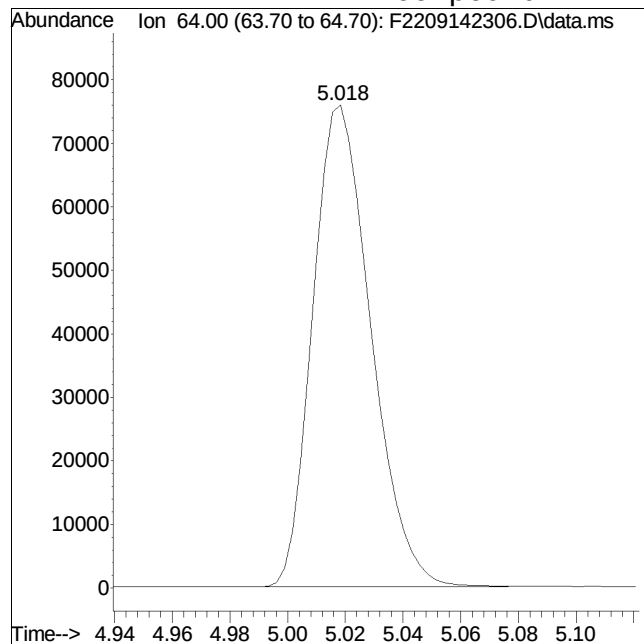
43 38.2 30.8 46.2



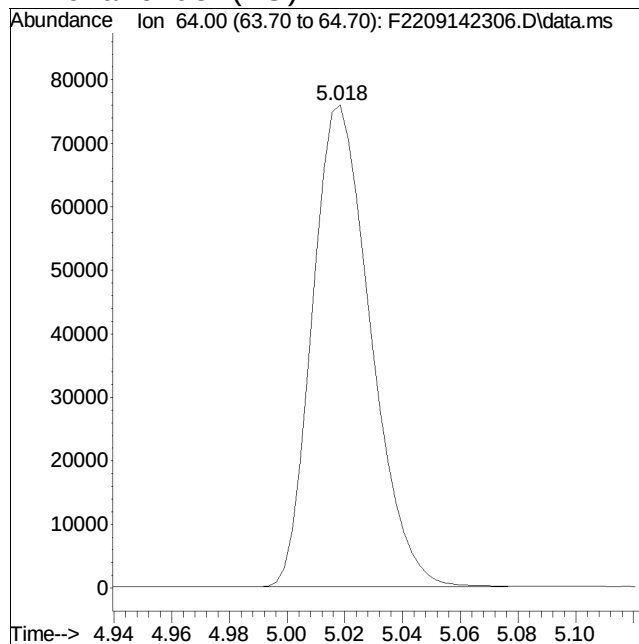
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
 Data File : F2209142306.D Operator : PAH22:TPR
 Date Inj'd : 9/14/2023 11:39 am Instrument : PAH22
 Sample : I2209142305 Quant Date : 9/14/2023 12:05 pm

Compound #1: 1,4-Dioxane-d8 (IS)



Original Peak Response = 106377



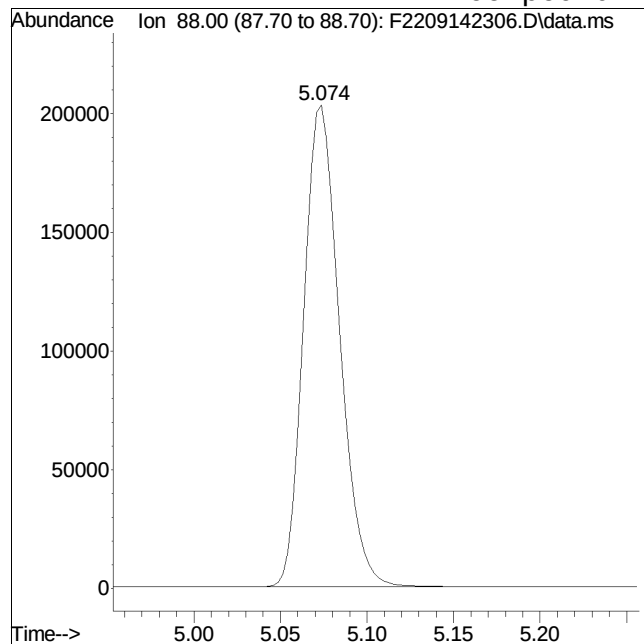
Manual Peak Response = 106425 M2

M2 = Peak not found by automatic integration algorithm.

Manual Integration/Negative Proof Report

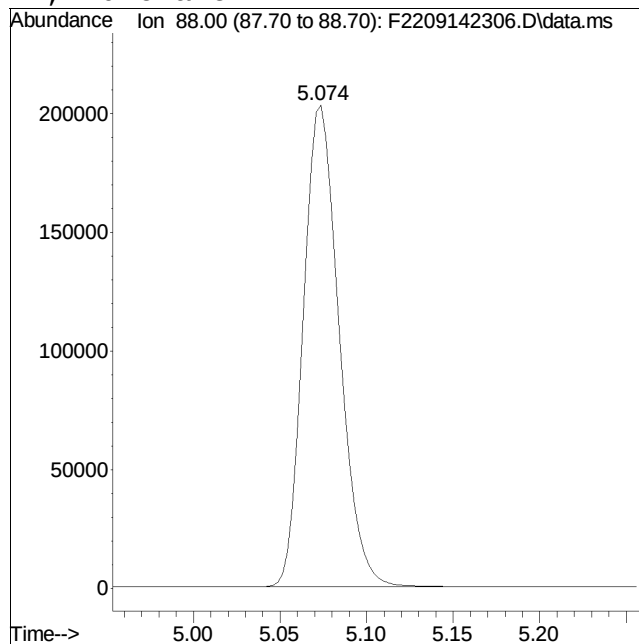
Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
 Data File : F2209142306.D Operator : PAH22:TPR
 Date Inj'd : 9/14/2023 11:39 am Instrument : PAH22
 Sample : I2209142305 Quant Date : 9/14/2023 12:05 pm

Compound #2: 1,4-dioxane



Original Peak Response = 292820

M2 = Peak not found by automatic integration algorithm.

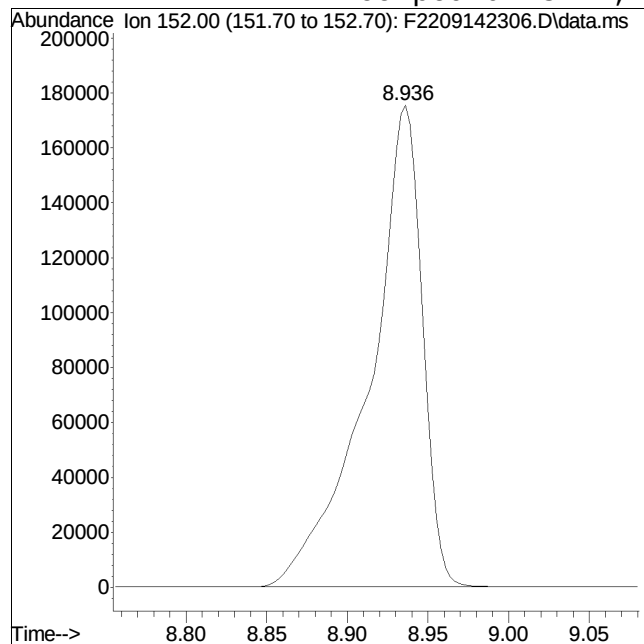


Manual Peak Response = 293236 M2

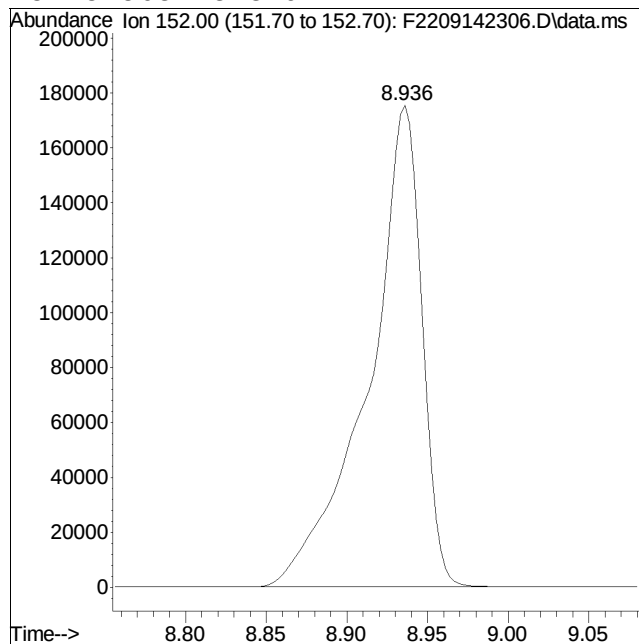
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
 Data File : F2209142306.D Operator : PAH22:TPR
 Date Inj'd : 9/14/2023 11:39 am Instrument : PAH22
 Sample : I2209142305 Quant Date : 9/14/2023 12:05 pm

Compound #3: 1,4-Dichlorobenzene-d4



Original Peak Response = 401987



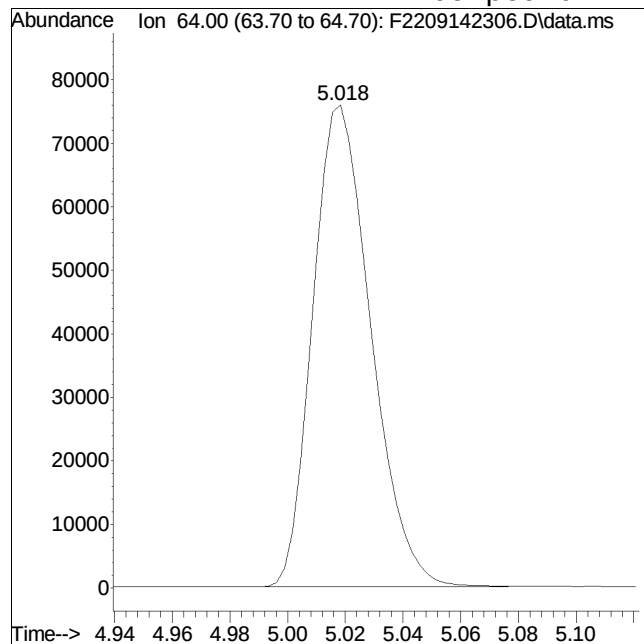
Manual Peak Response = 402026 M2

M2 = Peak not found by automatic integration algorithm.

Manual Integration/Negative Proof Report

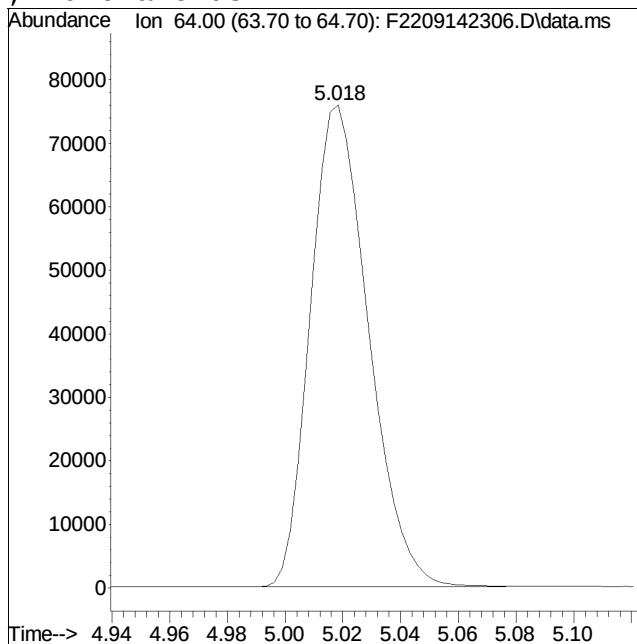
Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
 Data File : F2209142306.D Operator : PAH22:TPR
 Date Inj'd : 9/14/2023 11:39 am Instrument : PAH22
 Sample : I2209142305 Quant Date : 9/14/2023 12:05 pm

Compound #4: 1,4-dioxane-d8



Original Peak Response = 106377

M2 = Peak not found by automatic integration algorithm.



Manual Peak Response = 106404 M2

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
 Data File : F2209142307.D
 Acq On : 14 Sep 2023 12:02 pm
 Operator : PAH22:TPR
 Sample : I2209142306
 Misc : WG1827559,,MSBQ30
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 14 12:31:23 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Sep 14 12:31:14 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.996	64	104661	500.000	ng/mL	0.00
3) 1,4-Dichlorobenzene-d4	8.933	152	398058	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.996	64	104661	495.624	ng/mL	0.00
Spiked Amount	500.000	Range	15 - 115	Recovery	=	99.12%
Target Compounds						
2) 1,4-dioxane	5.052	88	1398635M4	4783.820	ng/mL	Qvalue

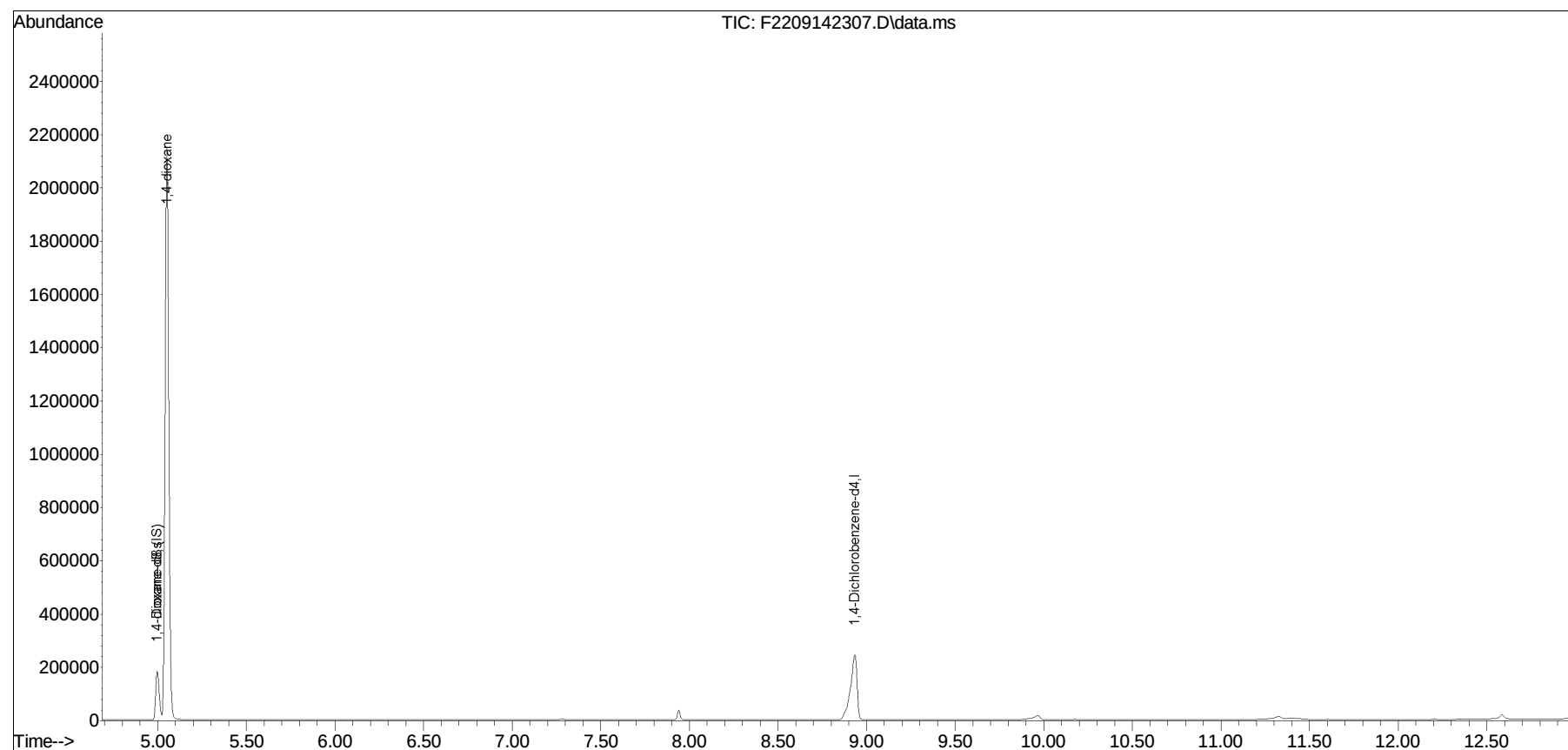
(#) = qualifier out of range (m) = manual integration (+) = signals summed

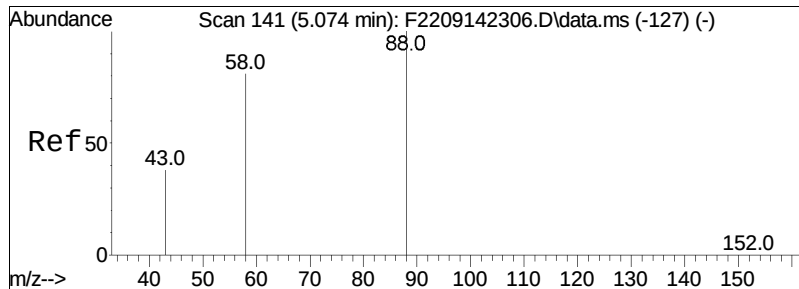
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
Data File : F2209142307.D
Acq On : 14 Sep 2023 12:02 pm
Operator : PAH22:TPR
Sample : I2209142306
Misc : WG1827559,,MSBQ30
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 14 12:31:23 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Sep 14 12:31:14 2023
Response via : Initial Calibration

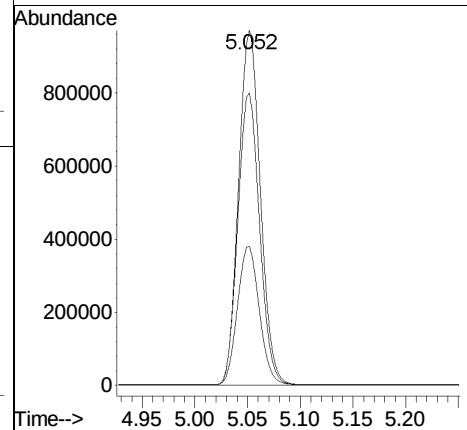
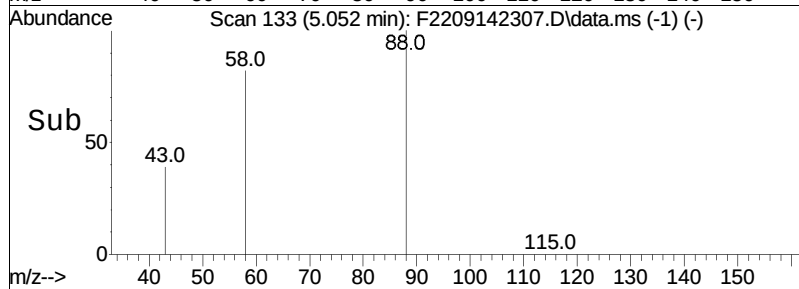
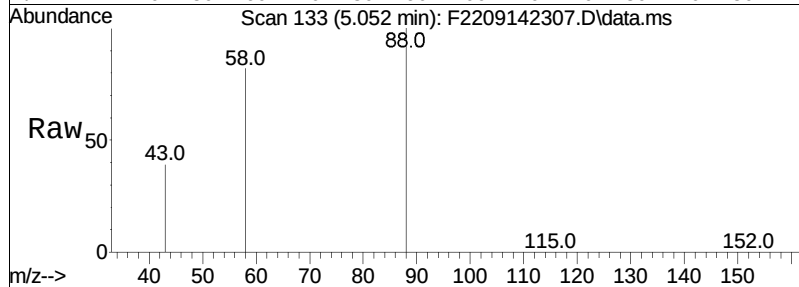
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 4783.82 ng/mL M4
 RT: 5.052 min Scan# 133
 Delta R.T. 0.000 min
 Lab File: F2209142307.D
 Acq: 14 Sep 2023 12:02 pm

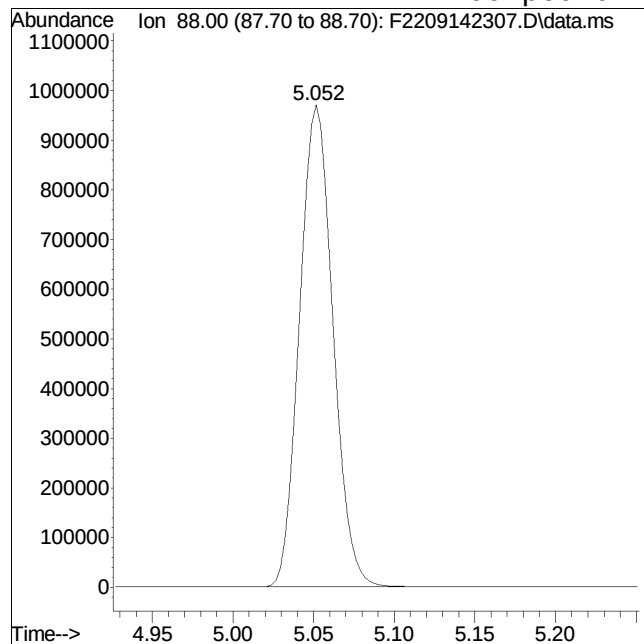
Tgt Ion: 88 Resp: 1398635
 Ion Ratio Lower Upper
 88 100
 58 82.4 65.9 98.9
 43 39.0 31.2 46.8



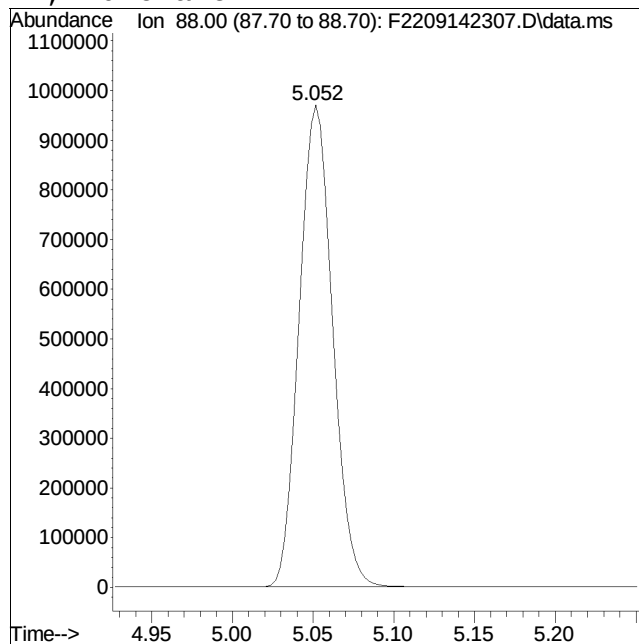
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
 Data File : F2209142307.D Operator : PAH22:TPR
 Date Inj'd : 9/14/2023 12:02 pm Instrument : PAH22
 Sample : I2209142306 Quant Date : 9/14/2023 12:31 pm

Compound #2: 1,4-dioxane



Original Peak Response = 1398493



Manual Peak Response = 1398635 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
 Data File : F2209142308.D
 Acq On : 14 Sep 2023 12:26 pm
 Operator : PAH22:TPR
 Sample : I2209142307
 Misc : WG1827559,,MSBQ20
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 12:40:49 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Sep 14 12:40:42 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.985	64	107940	500.000	ng/mL	0.00
3) 1,4-Dichlorobenzene-d4	8.936	152	392348	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.985	64	107940	515.851	ng/mL	0.00
Spiked Amount	500.000	Range	15 - 115	Recovery	=	103.17%
Target Compounds						
2) 1,4-dioxane	5.043	88	2650535M1	8944.930	ng/mL	Qvalue

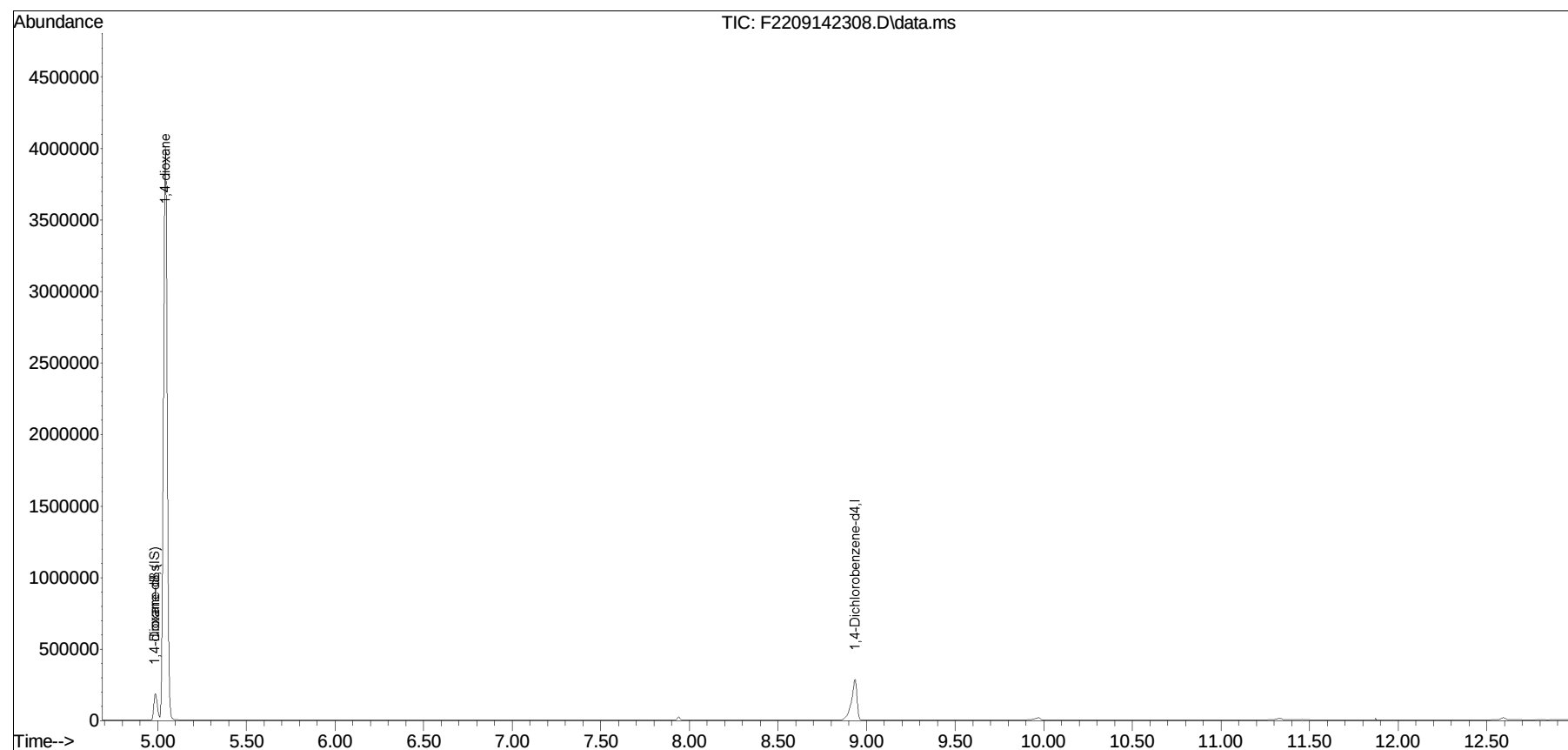
(#) = qualifier out of range (m) = manual integration (+) = signals summed

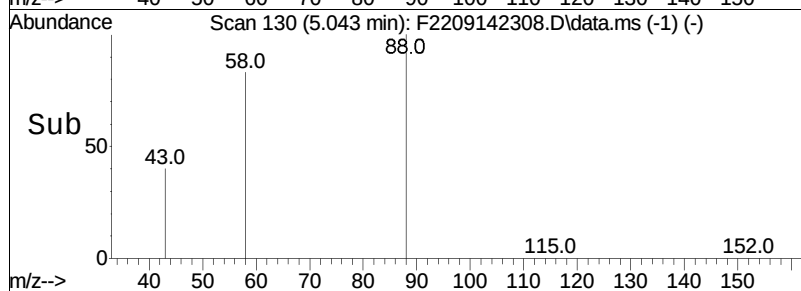
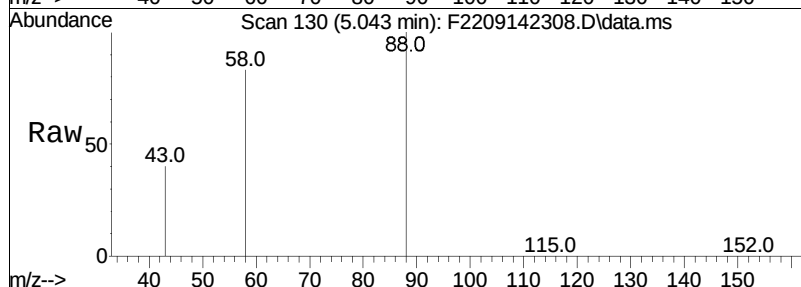
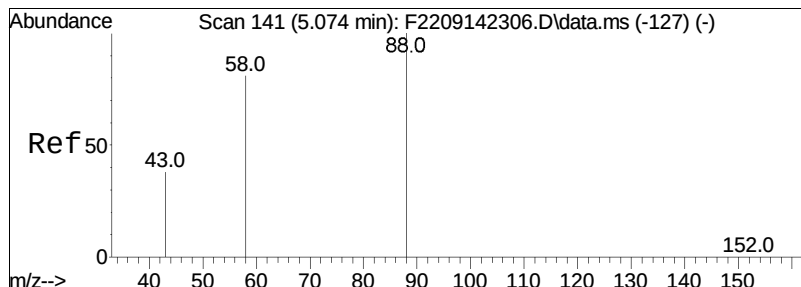
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
Data File : F2209142308.D
Acq On : 14 Sep 2023 12:26 pm
Operator : PAH22:TPR
Sample : I2209142307
Misc : WG1827559,,MSBQ20
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 12:40:49 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Sep 14 12:40:42 2023
Response via : Initial Calibration

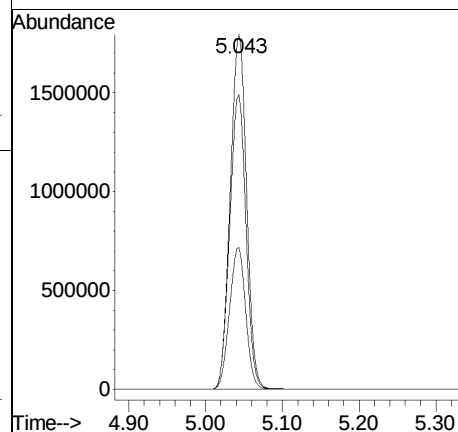
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 8944.93 ng/mL M1
 RT: 5.043 min Scan# 130
 Delta R.T. 0.000 min
 Lab File: F2209142308.D
 Acq: 14 Sep 2023 12:26 pm

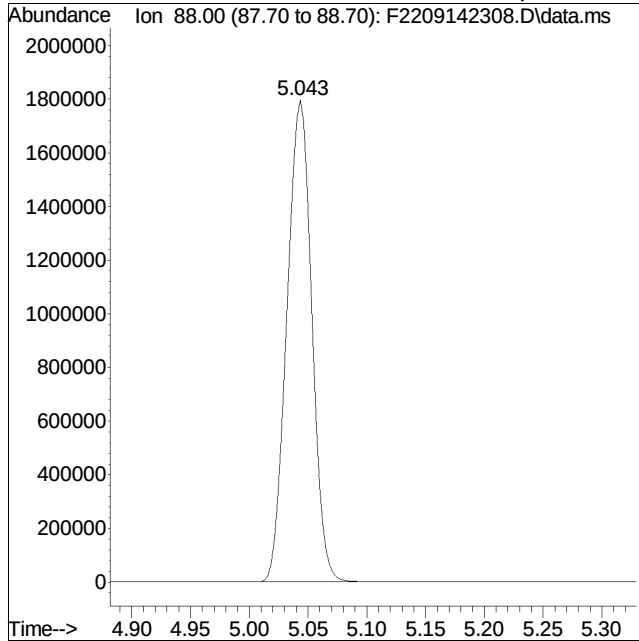
Tgt Ion: 88 Resp: 2650535
 Ion Ratio Lower Upper
 88 100
 58 82.8 66.2 99.4
 43 39.5 31.6 47.4



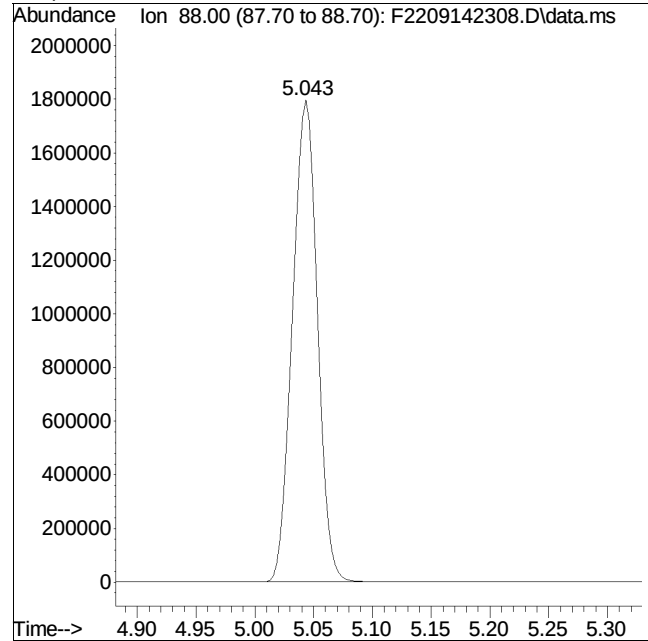
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
Data File : F2209142308.D Operator : PAH22:TPR
Date Inj'd : 9/14/2023 12:26 pm Instrument : PAH22
Sample : I2209142307 Quant Date : 9/14/2023 12:40 pm

Compound #2: 1,4-dioxane



Original Peak Response = 2649250



Manual Peak Response = 2650535 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Continuing Calibration Report

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
 Data File : F2209142309.D
 Acq On : 14 Sep 2023 12:51 pm
 Operator : PAH22:TPR
 Sample : CQ2209142301
 Misc : WG1827559,,MSBQ25
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 13:05:57 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Sep 14 12:40:42 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	1,4-Dioxane-d8 (IS)	1.000	1.000	0.0	92	-0.05
2	1,4-dioxane	1.373	1.262	8.1	84	-0.05
3 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
4 s	1,4-dioxane-d8	0.267	0.266	0.4	100	-0.05

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
 Data File : F2209142309.D
 Acq On : 14 Sep 2023 12:51 pm
 Operator : PAH22:TPR
 Sample : CQ2209142301
 Misc : WG1827559,,MSBQ25
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 13:05:57 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Sep 14 12:40:42 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.938	64	97409	500.000	ng/mL	-0.05
3) 1,4-Dichlorobenzene-d4	8.939	152	365990	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.938	64	97409	499.049	ng/mL	-0.05
Spiked Amount	500.000	Range	15 - 115	Recovery	=	99.81%
Target Compounds						
2) 1,4-dioxane	4.993	88	245817M1	919.261	ng/mL	Qvalue

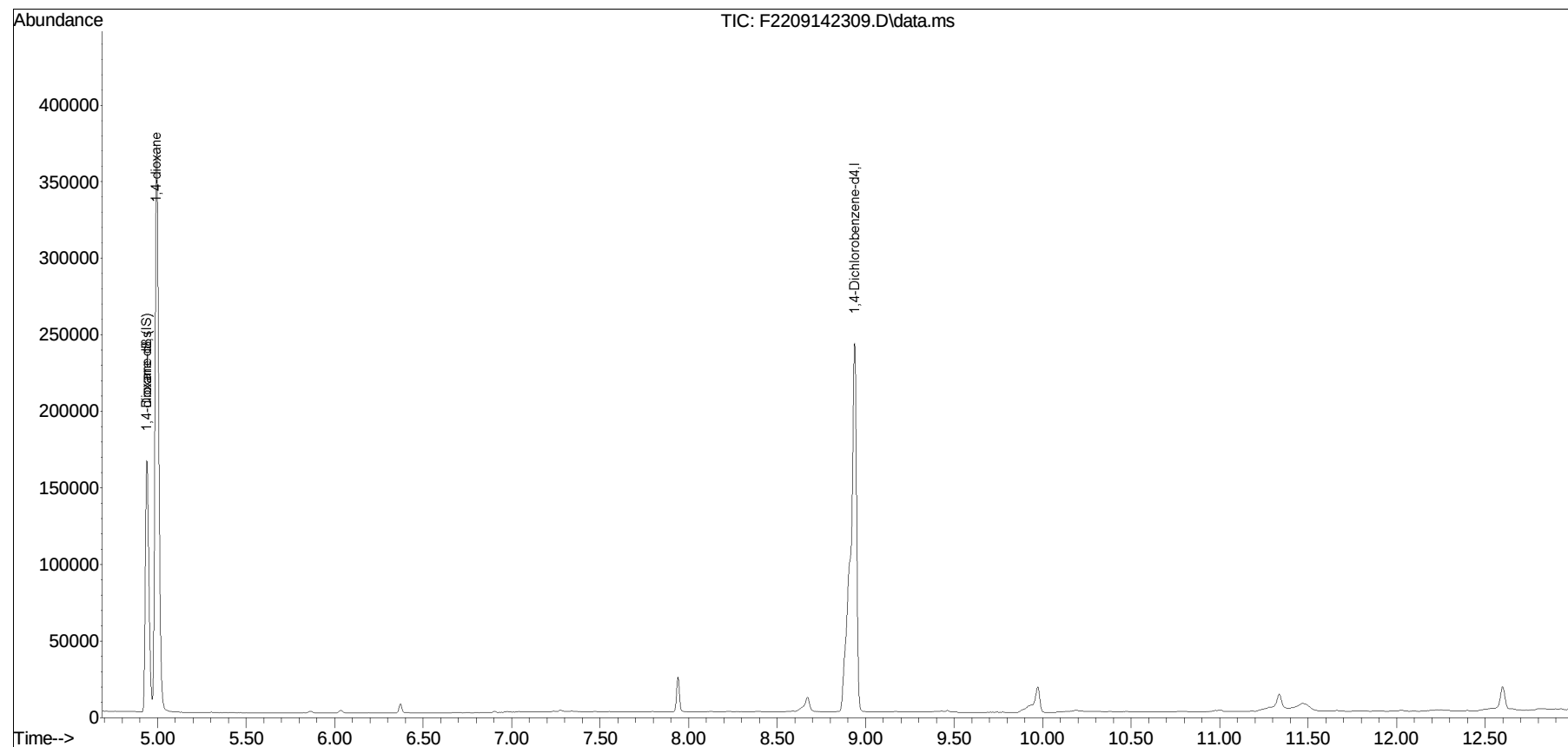
(#) = qualifier out of range (m) = manual integration (+) = signals summed

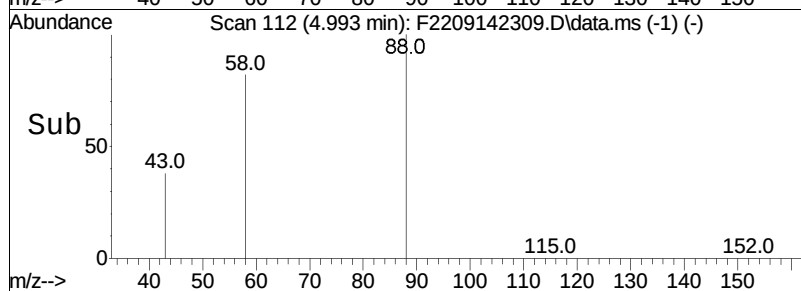
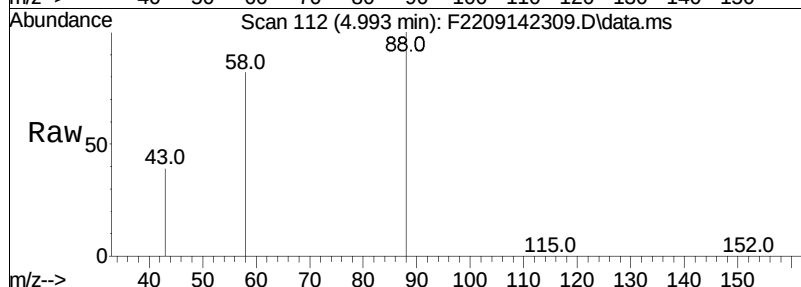
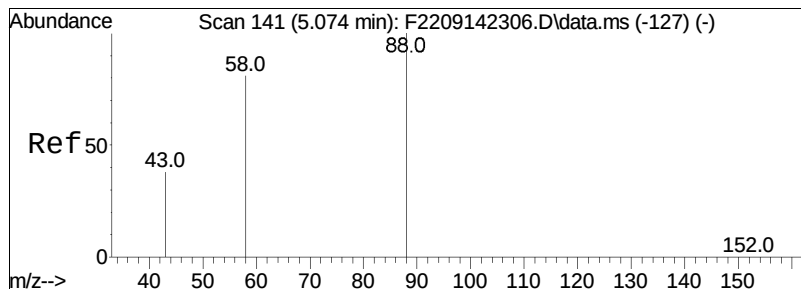
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\
Data File : F2209142309.D
Acq On : 14 Sep 2023 12:51 pm
Operator : PAH22:TPR
Sample : CQ2209142301
Misc : WG1827559,,MSBQ25
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 13:05:57 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP14\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Sep 14 12:40:42 2023
Response via : Initial Calibration

Sub List : Default - All compounds listed





#2

1,4-dioxane

Concen: 919.26 ng/mL M1

RT: 4.993 min Scan# 112

Delta R.T. -0.050 min

Lab File: F2209142309.D

Acq: 14 Sep 2023 12:51 pm

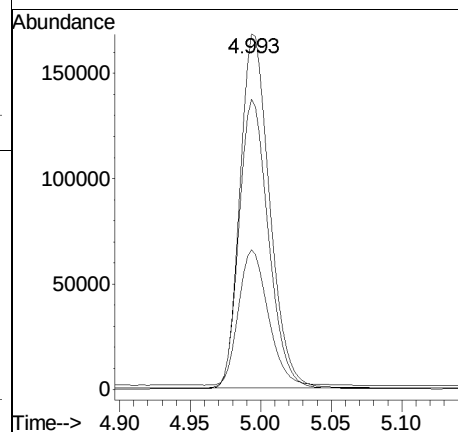
Tgt Ion: 88 Resp: 245817

Ion Ratio Lower Upper

88 100

58 81.5 66.2 99.4

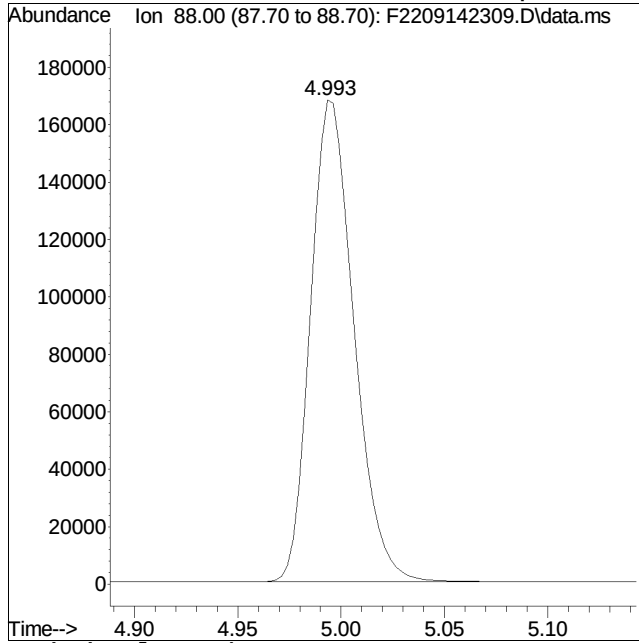
43 38.2 31.6 47.4



Manual Integration/Negative Proof Report

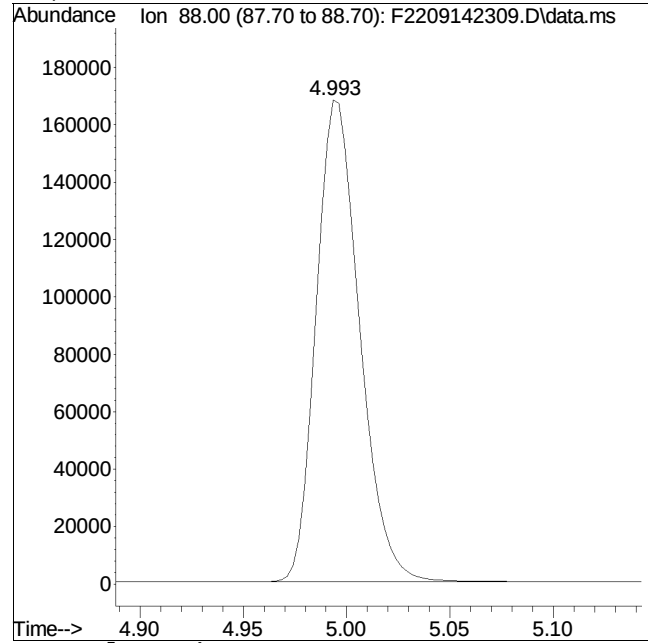
Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
Data File : F2209142309.D Operator : PAH22:TPR
Date Inj'd : 9/14/2023 12:51 pm Instrument : PAH22
Sample : CQ2209142301 Quant Date : 9/14/2023 1:05 pm

Compound #2: 1,4-dioxane



Original Peak Response = 245408

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.



Manual Peak Response = 245817 M1

Continuing Calibration

Calibration Verification Summary

Form 7

Semivolatiles

Client : Sterling Environmental Engineering Lab Number : L2353445
Project Name : TROY BELTING Project Number : 2011-31
Instrument ID : PAH22 Calibration Date : 09/22/23 06:33
Lab File ID : F2209222302 Init. Calib. Date(s) : 09/14/23 09/14/23
Sample No : WG1830591-2 Init. Calib. Times : 10:09 12:26
Channel :

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dioxane-d8 (IS)	1	1	-	0	20	98	0
1,4-dioxane	1.373	1.393	-	-1.5	20	99	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
1,4-dioxane-d8	0.267	0.263	-	1.5	20	107	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Sterling Environmental Engineering Project Name : TROY BELTING Instrument ID : PAH22 Lab File ID : F2209222331 Sample No : WG1830591-4 Channel :	Lab Number : L2353445 Project Number : 2011-31 Calibration Date : 09/22/23 16:56 Init. Calib. Date(s) : 09/14/23 09/14/23 Init. Calib. Times : 10:09 12:26

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dioxane-d8 (IS)	1	1	-	0	20	97	0
1,4-dioxane	1.373	1.392	-	-1.4	20	98	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
1,4-dioxane-d8	0.267	0.26	-	2.6	20	107	0

* Value outside of QC limits.



Evaluate Continuing Calibration Report

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222302.D
 Acq On : 22 Sep 2023 6:33 am
 Operator : PAH22:TPR
 Sample : WG1830591-2
 Misc : WG1830591,,ICAL20365,MSBQ45
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 22 07:36:57 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Fri Sep 22 07:36:48 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	1,4-Dioxane-d8 (IS)	1.000	1.000	0.0	98	0.00
2	1,4-dioxane	1.373	1.393	-1.5	99	0.00
3 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
4 s	1,4-dioxane-d8	0.267	0.263	1.5	107	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222302.D
 Acq On : 22 Sep 2023 6:33 am
 Operator : PAH22:TPR
 Sample : WG1830591-2
 Misc : WG1830591,,ICAL20365,MSBQ45
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 22 07:36:57 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Fri Sep 22 07:36:48 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.546	64	104158M2	500.000	ng/mL	0.00
3) 1,4-Dichlorobenzene-d4	8.608	152	396025	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.546	64	104187M2	493.292	ng/mL	0.00
Spiked Amount	500.000	Range	15 - 115	Recovery	=	98.66%
Target Compounds						
2) 1,4-dioxane	4.599	88	290192M2	1014.889	ng/mL	Qvalue

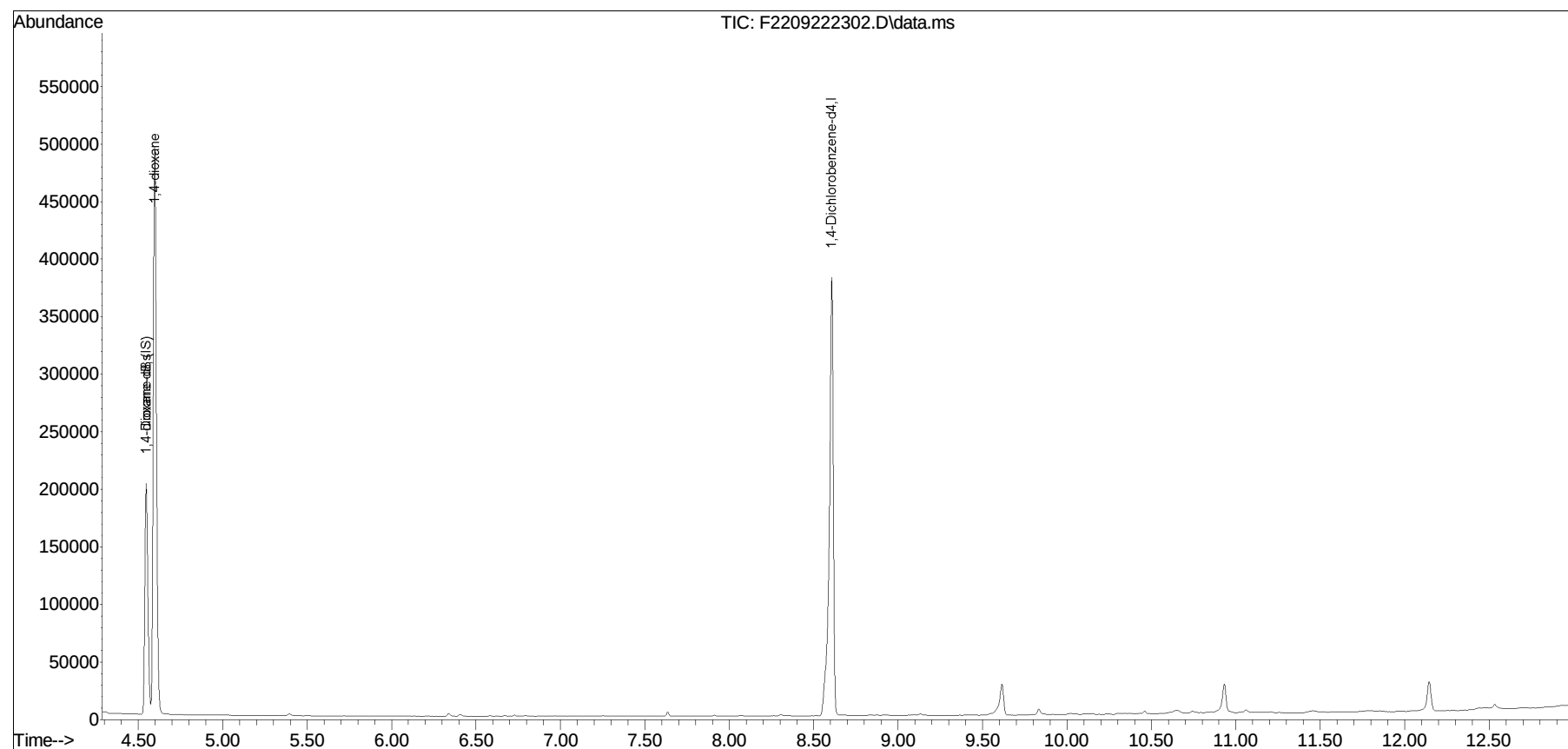
(#) = qualifier out of range (m) = manual integration (+) = signals summed

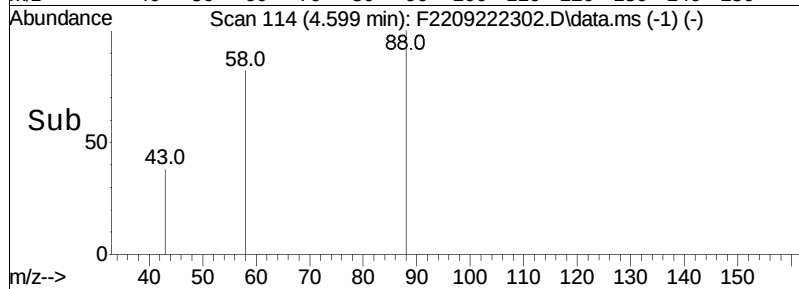
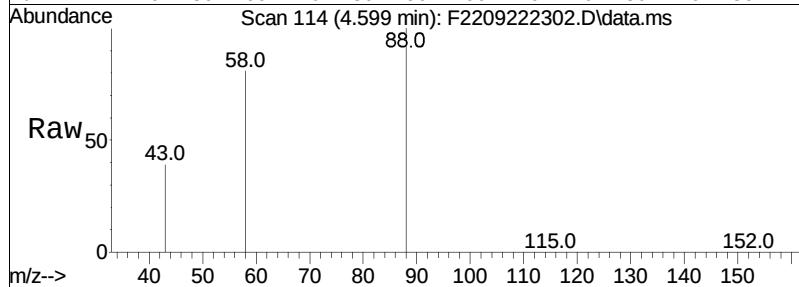
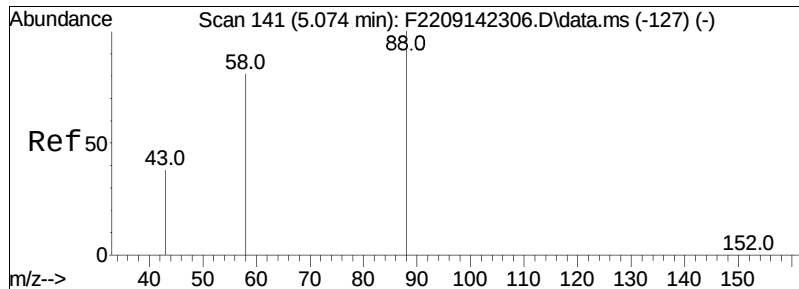
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
Data File : F2209222302.D
Acq On : 22 Sep 2023 6:33 am
Operator : PAH22:TPR
Sample : WG1830591-2
Misc : WG1830591,,ICAL20365,MSBQ45
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 22 07:36:57 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Fri Sep 22 07:36:48 2023
Response via : Initial Calibration

Sub List : Default - All compounds listed





#2

1,4-dioxane

Concen: 1014.89 ng/mL M2

RT: 4.599 min Scan# 114

Delta R.T. 0.000 min

Lab File: F2209222302.D

Acq: 22 Sep 2023 6:33 am

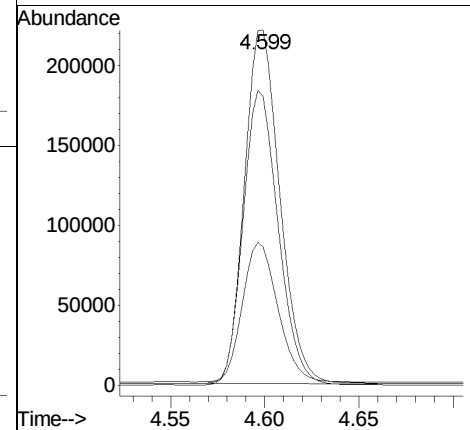
Tgt Ion: 88 Resp: 290192

Ion Ratio Lower Upper

88 100

58 82.6 66.2 99.4

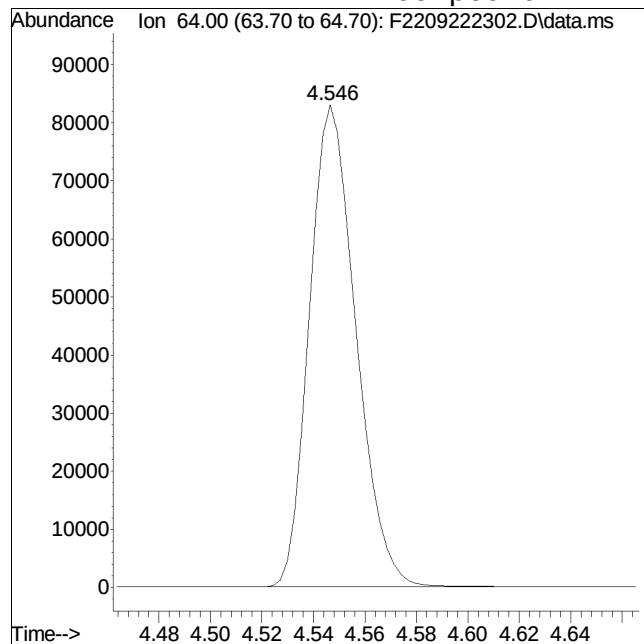
43 39.1 31.6 47.4



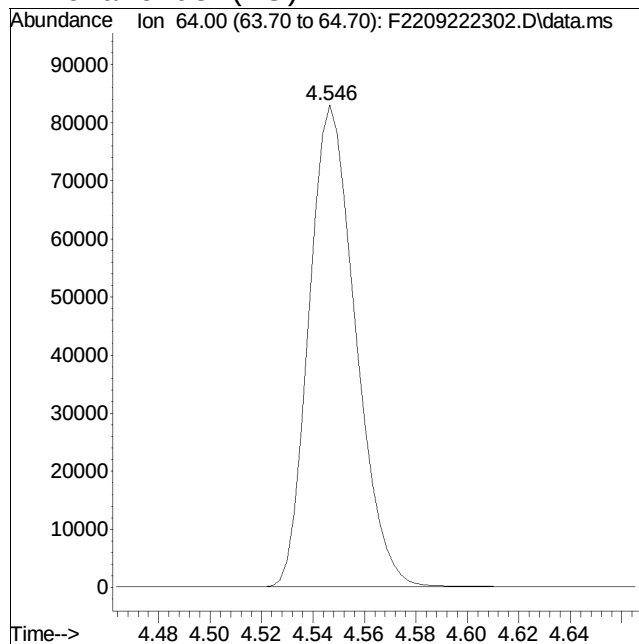
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
 Data File : F2209222302.D Operator : PAH22:TPR
 Date Inj'd : 9/22/2023 6:33 am Instrument : PAH22
 Sample : WG1830591-2 Quant Date : 9/22/2023 7:36 am

Compound #1: 1,4-Dioxane-d8 (IS)



Original Peak Response = 104141



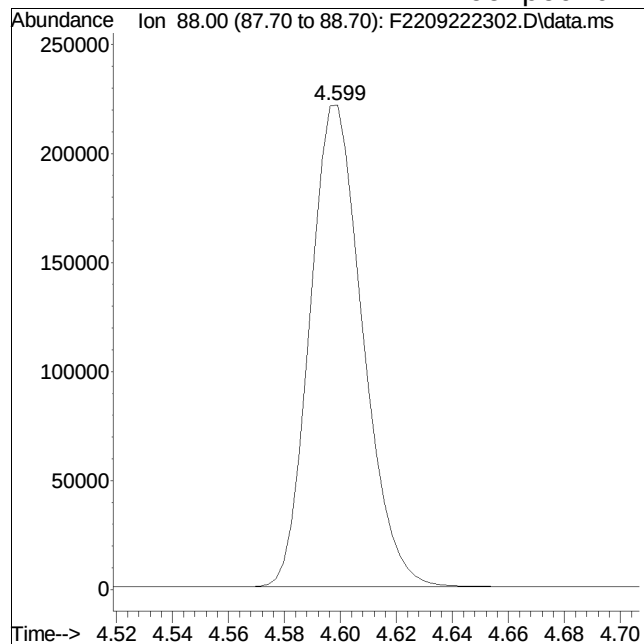
Manual Peak Response = 104158 M2

M2 = Peak not found by automatic integration algorithm.

Manual Integration/Negative Proof Report

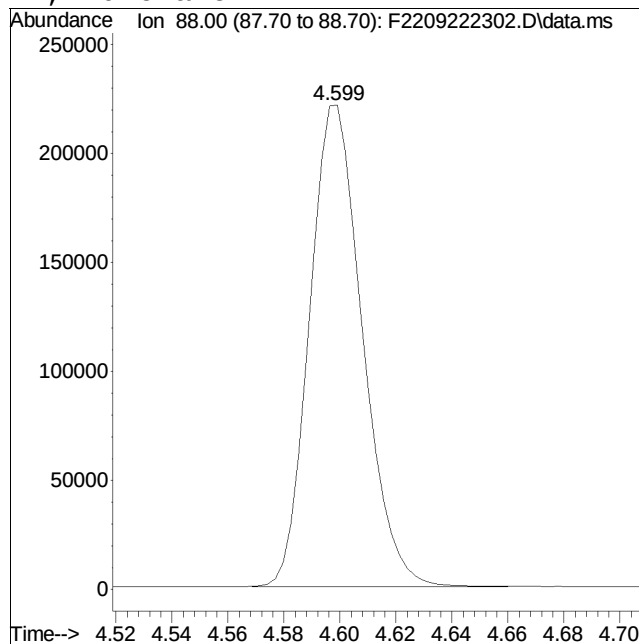
Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
 Data File : F2209222302.D Operator : PAH22:TPR
 Date Inj'd : 9/22/2023 6:33 am Instrument : PAH22
 Sample : WG1830591-2 Quant Date : 9/22/2023 7:36 am

Compound #2: 1,4-dioxane



Original Peak Response = 289292

M2 = Peak not found by automatic integration algorithm.

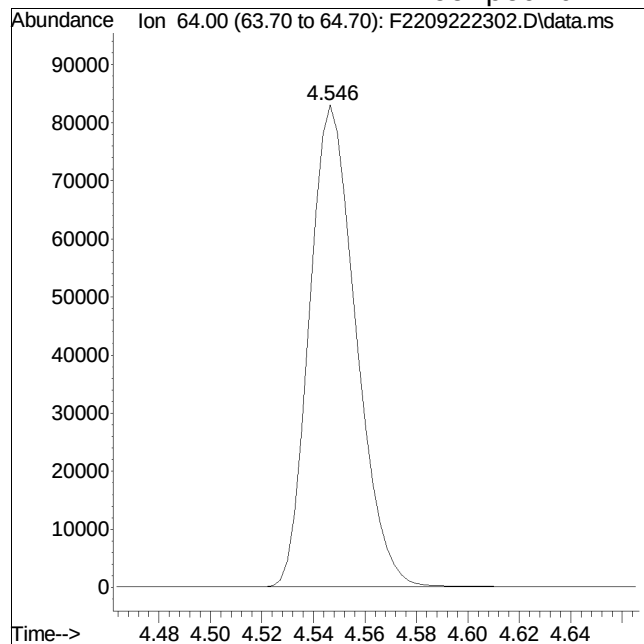


Manual Peak Response = 290192 M2

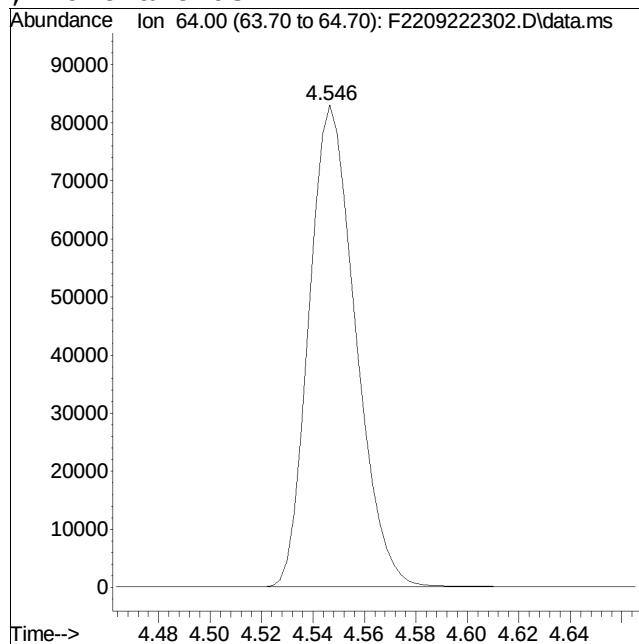
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DIOX0914PAH22.M
 Data File : F2209222302.D Operator : PAH22:TPR
 Date Inj'd : 9/22/2023 6:33 am Instrument : PAH22
 Sample : WG1830591-2 Quant Date : 9/22/2023 7:36 am

Compound #4: 1,4-dioxane-d8



Original Peak Response = 104141



Manual Peak Response = 104187 M2

M2 = Peak not found by automatic integration algorithm.

Evaluate Continuing Calibration Report

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222331.D
 Acq On : 22 Sep 2023 4:56 pm
 Operator : PAH22:TPR
 Sample : WG1830591-4
 Misc : WG1830591,,ICAL20365,MSBQ45
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 23 04:12:12 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	1,4-Dioxane-d8 (IS)	1.000	1.000	0.0	97	0.00
2	1,4-dioxane	1.373	1.392	-1.4	98	0.00
3 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
4 s	1,4-dioxane-d8	0.267	0.260	2.6	107	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222331.D
 Acq On : 22 Sep 2023 4:56 pm
 Operator : PAH22:TPR
 Sample : WG1830591-4
 Misc : WG1830591,,ICAL20365,MSBQ45
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 23 04:12:12 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.555	64	103533	500.000	ng/mL	0.00
3) 1,4-Dichlorobenzene-d4	8.608	152	397508	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.555	64	103533	488.367	ng/mL	0.00
Spiked Amount	500.000	Range	15 - 115	Recovery	=	97.67%
Target Compounds						
2) 1,4-dioxane	4.605	88	288247	1014.173	ng/mL	Qvalue 99

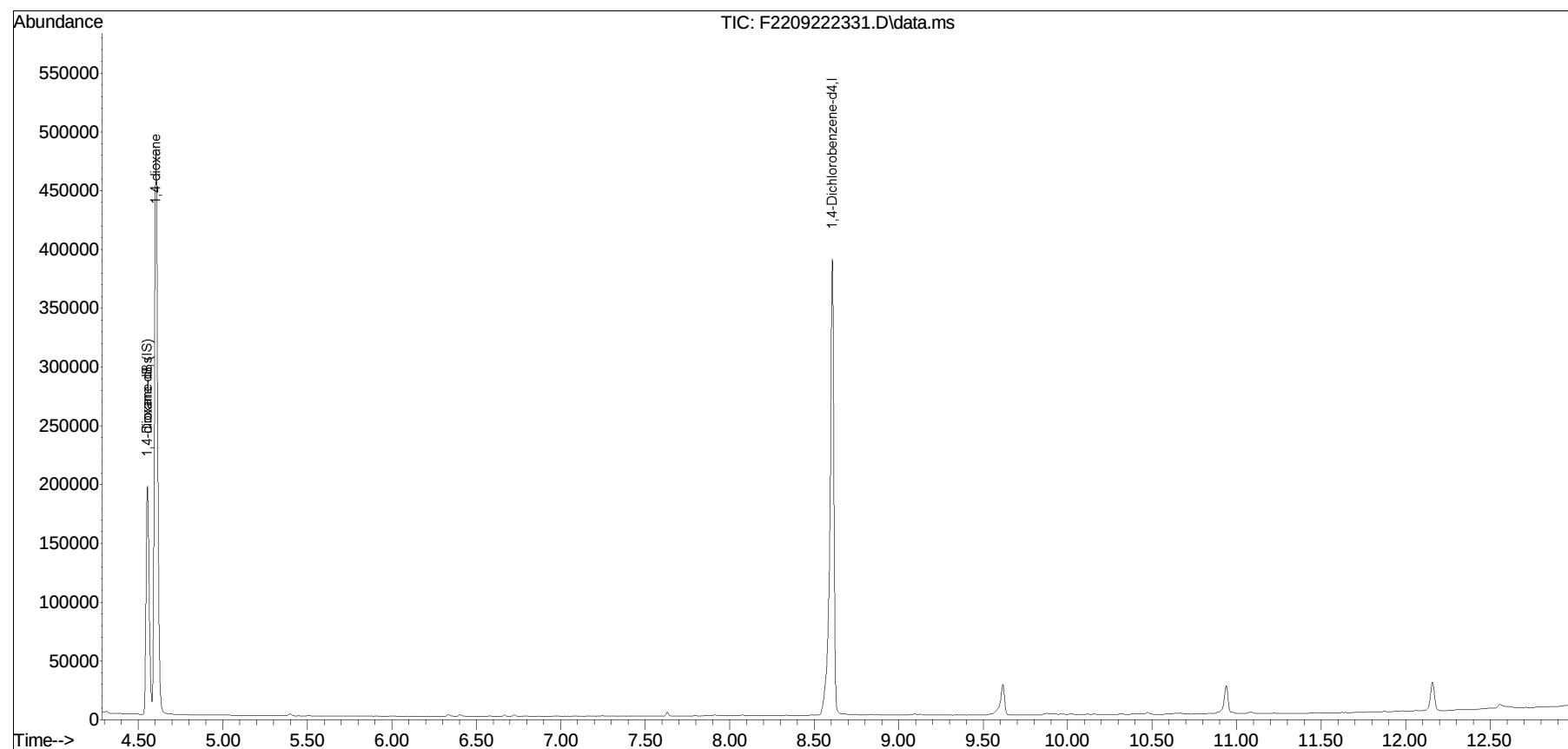
(#) = qualifier out of range (m) = manual integration (+) = signals summed

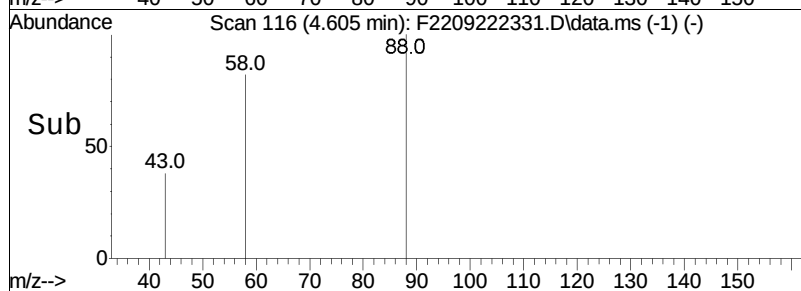
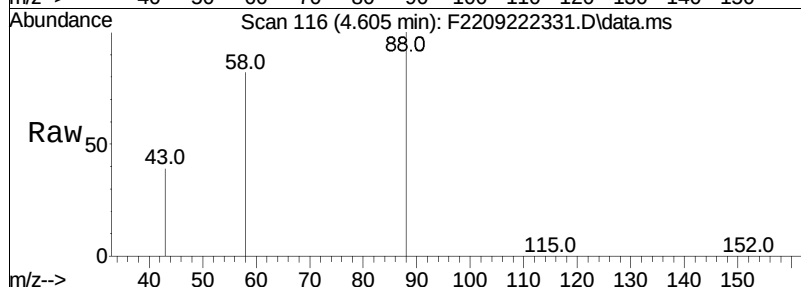
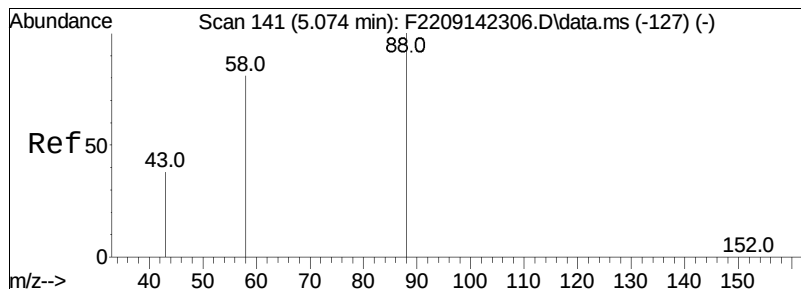
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
Data File : F2209222331.D
Acq On : 22 Sep 2023 4:56 pm
Operator : PAH22:TPR
Sample : WG1830591-4
Misc : WG1830591,,ICAL20365,MSBQ45
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 23 04:12:12 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Sep 23 04:12:02 2023
Response via : Initial Calibration

Sub List : Default - All compounds listed





#2

1,4-dioxane

Concen: 1014.17 ng/mL

RT: 4.605 min Scan# 116

Delta R.T. 0.000 min

Lab File: F2209222331.D

Acq: 22 Sep 2023 4:56 pm

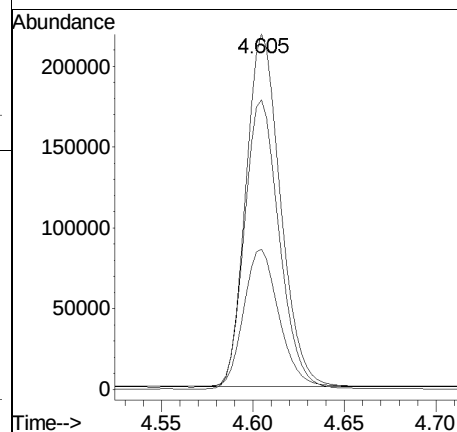
Tgt Ion: 88 Resp: 288247

Ion Ratio Lower Upper

88 100

58 82.4 66.2 99.4

43 38.8 31.6 47.4



Manual Integration/Negative Proof Report

Data Path	: O:\Organics\DATA\PAH22\2023Q	Method	: 14DIOX0914PAH22.M
Data File	: F2209222331.D	Operator	: PAH22:TPR
Date Inj'd	: 9/22/2023 4:56 pm	Instrument	: PAH22
Sample	: WG1830591-4	Quant Date	: 9/23/2023 4:12 am

There are no manual integrations or false positives in this file.

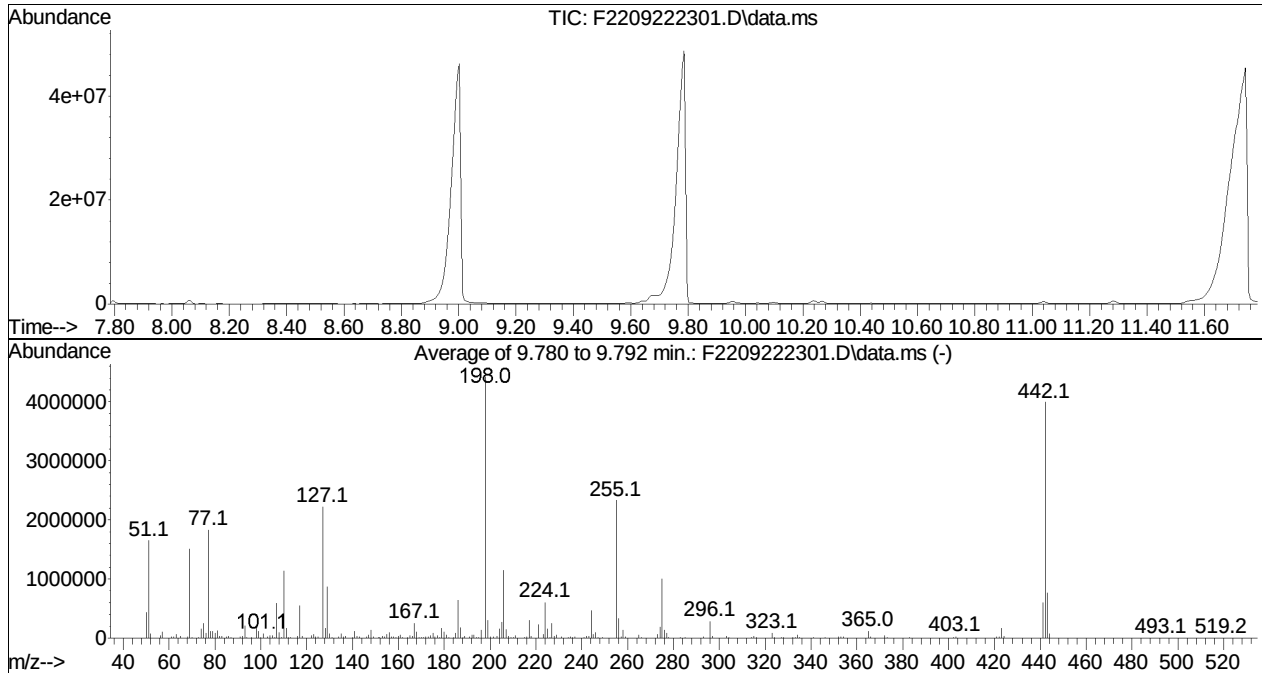
Semivolatiles Raw QC Data

DFTPP

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222301.D
 Acq On : 22 Sep 2023 5:59 am
 Operator : PAH22:TPR
 Sample : WG1830591-1
 Misc : WG1830591,,ICAL20365,MSBQ13
 ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Title : Semivolatiles by GC/MS
 Last Update : Fri Sep 22 07:36:48 2023



Spectrum Information: Average of 9.780 to 9.792 min.

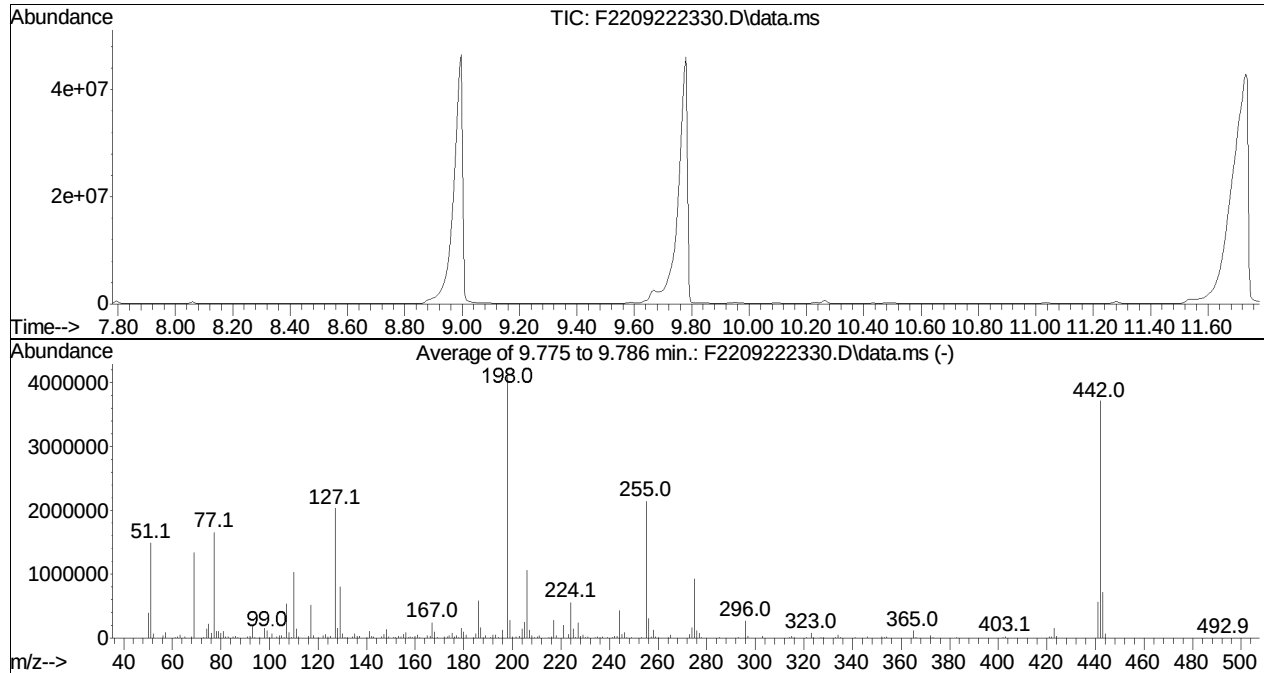
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	37.3	1651043	PASS
68	69	0.00	2	1.7	25932	PASS
70	69	0.00	2	0.5	7693	PASS
127	198	10	80	50.3	2225720	PASS
197	198	0.00	2	0.1	4620	PASS
198	198	100	100	100.0	4422613	PASS
199	198	5	9	6.8	299487	PASS
275	198	10	60	22.8	1010520	PASS
365	198	1	100	2.7	119463	PASS
441	442	0.01	24	15.0	598877	PASS
442	198	50	100	90.3	3992672	PASS
443	442	15	24	19.2	765512	PASS

DFTPP

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222330.D
 Acq On : 22 Sep 2023 4:20 pm
 Operator : PAH22:TPR
 Sample : WG1830591-3
 Misc : WG1830591,,ICAL20365,MSBQ13
 ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Title : Semivolatiles by GC/MS
 Last Update : Sat Sep 23 04:12:02 2023



Spectrum Information: Average of 9.775 to 9.786 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	36.4	1489643	PASS
68	69	0.00	2	1.7	22305	PASS
70	69	0.00	2	0.5	6513	PASS
127	198	10	80	49.6	2029675	PASS
197	198	0.00	2	0.1	3881	PASS
198	198	100	100	100.0	4093013	PASS
199	198	5	9	6.9	280636	PASS
275	198	10	60	22.8	932205	PASS
365	198	1	100	2.8	114574	PASS
441	442	0.01	24	15.1	559387	PASS
442	198	50	100	90.7	3713280	PASS
443	442	15	24	19.3	717211	PASS

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222313.D
 Acq On : 22 Sep 2023 10:25 am
 Operator : PAH22:TPR
 Sample : wg1829808-1,32,,
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 22 10:44:19 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Fri Sep 22 07:36:48 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.602	64	41239	500.000	ng/mL	0.06
3) 1,4-Dichlorobenzene-d4	8.608	152	383711	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.602	64	41239	201.520	ng/mL	0.06
Spiked Amount	500.000	Range	15 - 115	Recovery	=	40.30%
Target Compounds						
2) 1,4-dioxane	0.000		0	N.D.	d	Qvalue

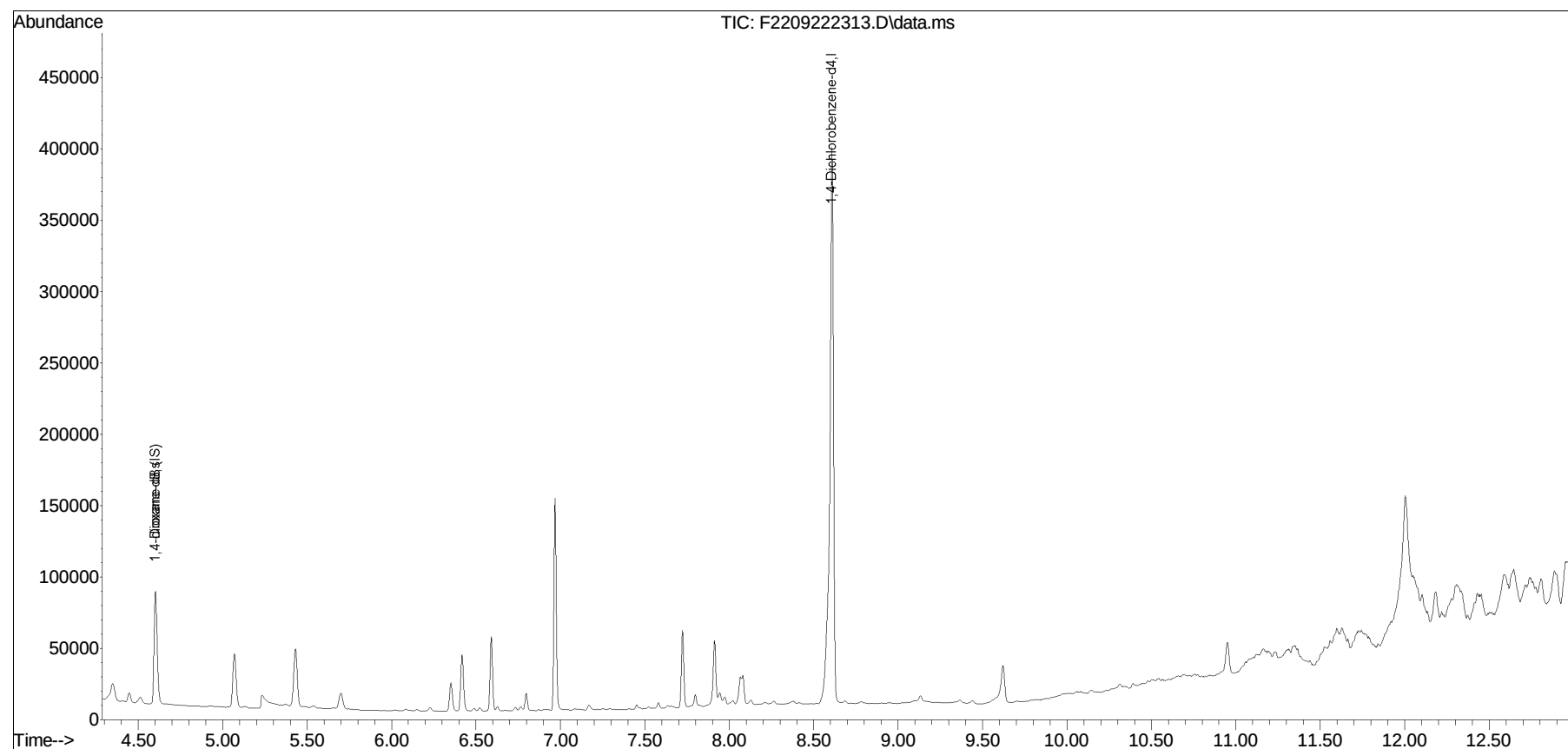
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
Data File : F2209222313.D
Acq On : 22 Sep 2023 10:25 am
Operator : PAH22:TPR
Sample : wg1829808-1, 32,,
Misc : WG1830591, WG1829808, ICAL20365
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 22 10:44:19 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Fri Sep 22 07:36:48 2023
Response via : Initial Calibration

Sub List : Default - All compounds listed



Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\PAH22\2023QMethod : 14DI0X0914PAH22.M
Data File : F2209222313.D Operator : PAH22:TPR
Date Inj'd : 9/22/2023 10:25 am Instrument : PAH22
Sample : wg1829808-1,32,, Quant Date : 9/22/2023 10:44 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222314.D
 Acq On : 22 Sep 2023 10:46 am
 Operator : PAH22:TPR
 Sample : wg1829808-2,32,,
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 22 11:00:15 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Fri Sep 22 07:36:48 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.616	64	40657	500.000	ng/mL	0.07
3) 1,4-Dichlorobenzene-d4	8.608	152	398093	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.616	64	40657	191.498	ng/mL	0.07
Spiked Amount	500.000	Range	15 - 115	Recovery	=	38.30%
Target Compounds						
2) 1,4-dioxane	4.665	88	62868	563.275	ng/mL	Qvalue 99

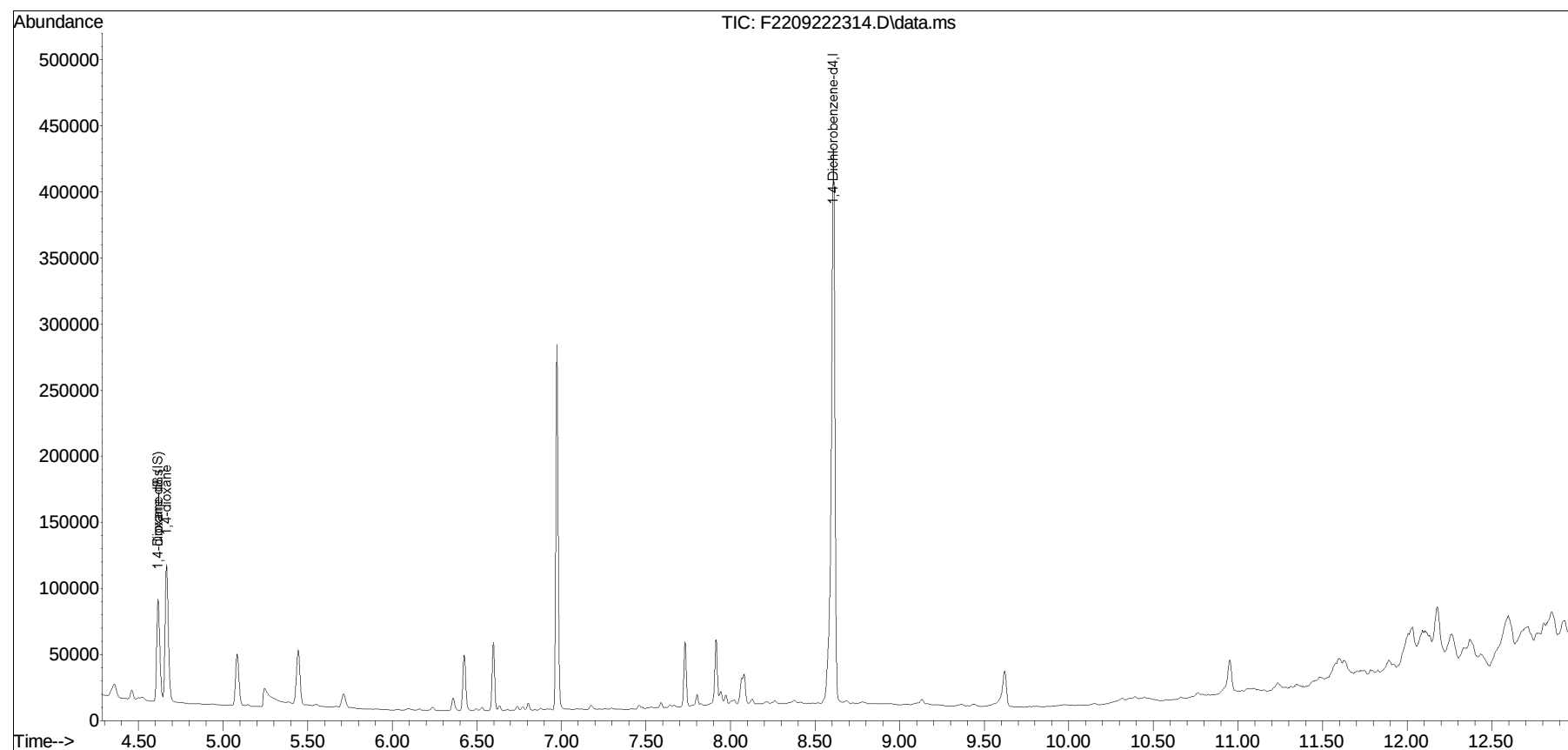
(#) = qualifier out of range (m) = manual integration (+) = signals summed

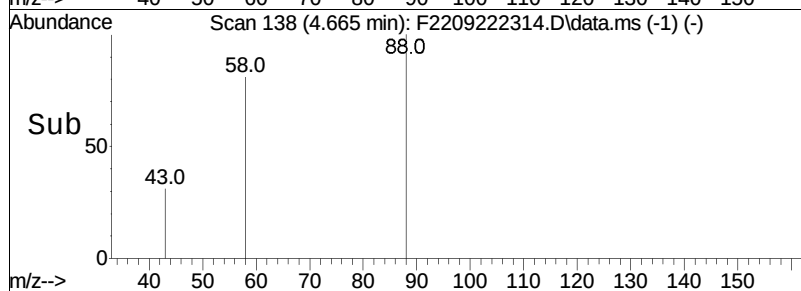
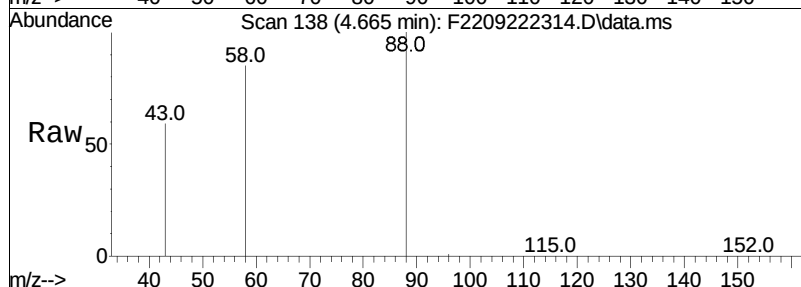
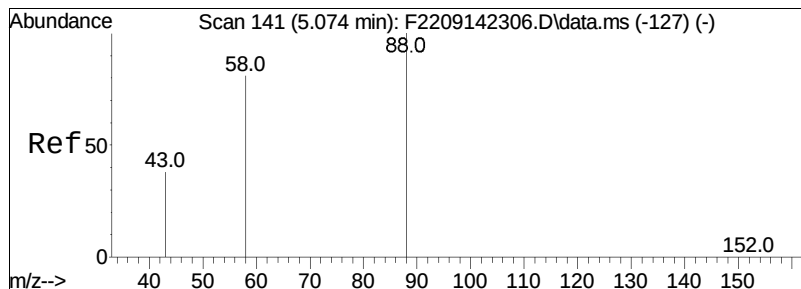
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
Data File : F2209222314.D
Acq On : 22 Sep 2023 10:46 am
Operator : PAH22:TPR
Sample : wg1829808-2, 32,,
Misc : WG1830591, WG1829808, ICAL20365
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 22 11:00:15 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Fri Sep 22 07:36:48 2023
Response via : Initial Calibration

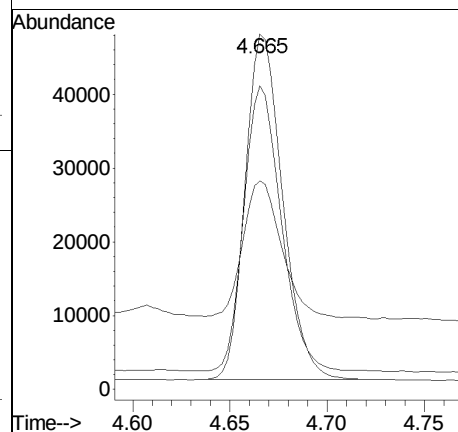
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 563.27 ng/mL
 RT: 4.665 min Scan# 138
 Delta R.T. 0.066 min
 Lab File: F2209222314.D
 Acq: 22 Sep 2023 10:46 am

Tgt Ion	88	Ratio	100	Resp	62868
Ion	88	100		Lower	Upper
58	81.9		66.2		99.4
43	40.4		31.6		47.4



Manual Integration/Negative Proof Report

Data Path	: O:\Organics\DATA\PAH22\2023Q	Method	: 14DIOX0914PAH22.M
Data File	: F2209222314.D	Operator	: PAH22:TPR
Date Inj'd	: 9/22/2023 10:46 am	Instrument	: PAH22
Sample	: wg1829808-2,32,,	Quant Date	: 9/22/2023 11:00 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222315.D
 Acq On : 22 Sep 2023 11:08 am
 Operator : PAH22:TPR
 Sample : wg1829808-3,32,,
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 22 11:25:11 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Fri Sep 22 07:36:48 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.610	64	40618	500.000	ng/mL	0.06
3) 1,4-Dichlorobenzene-d4	8.608	152	407139	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.610	64	40618	187.064	ng/mL	0.06
Spiked Amount	500.000	Range	15 - 115	Recovery	=	37.41%
Target Compounds						
2) 1,4-dioxane	4.660	88	64343	577.044	ng/mL	Qvalue 99

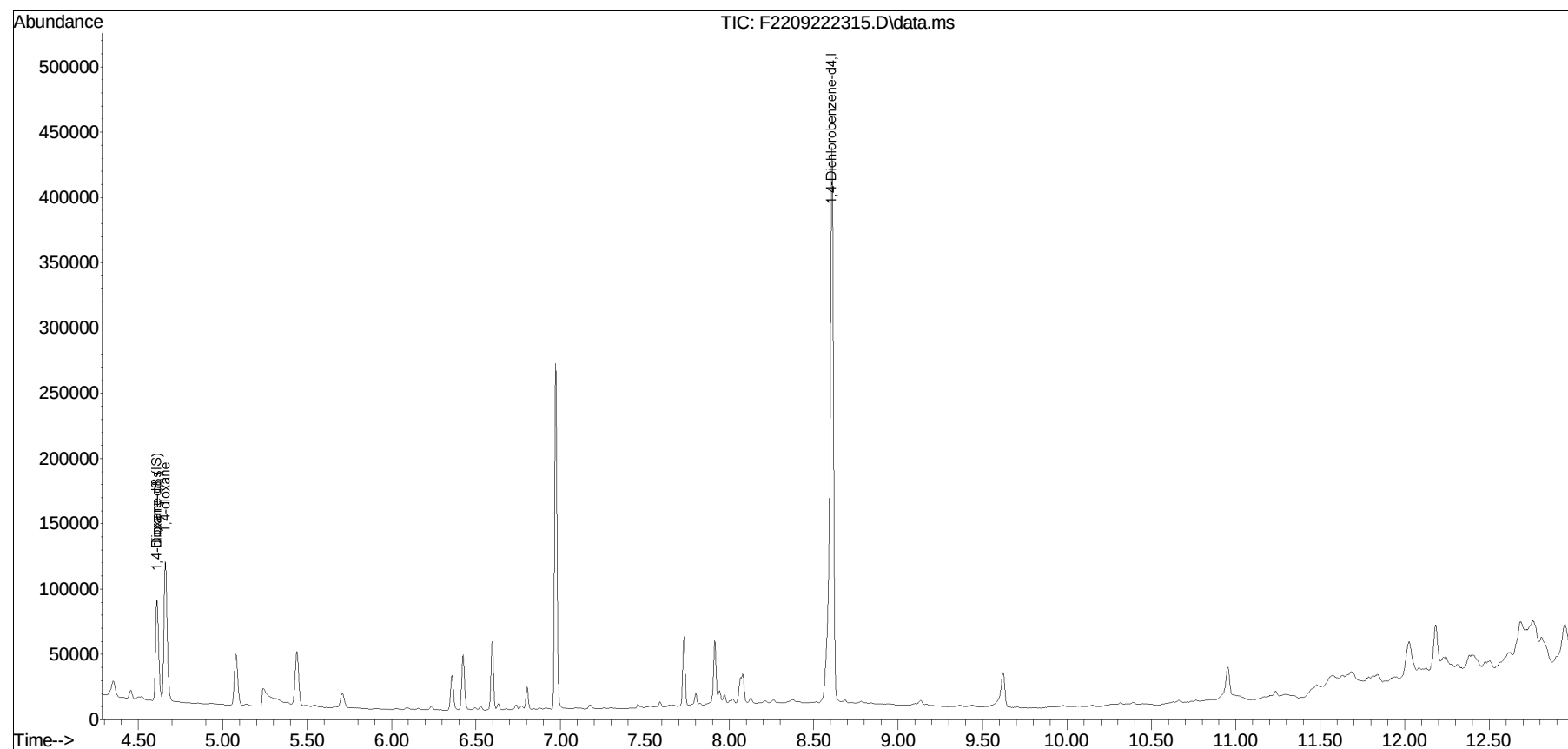
(#) = qualifier out of range (m) = manual integration (+) = signals summed

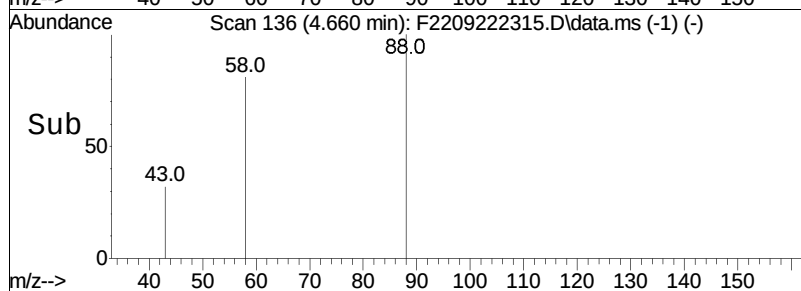
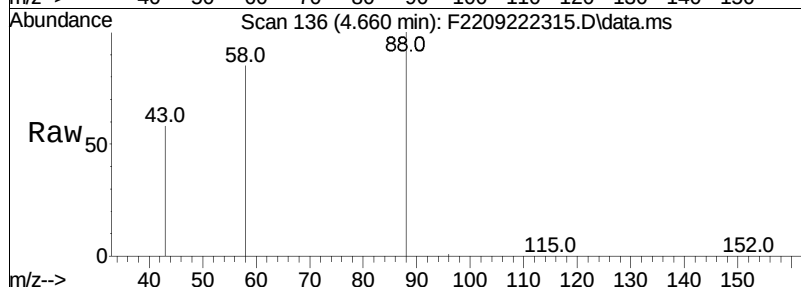
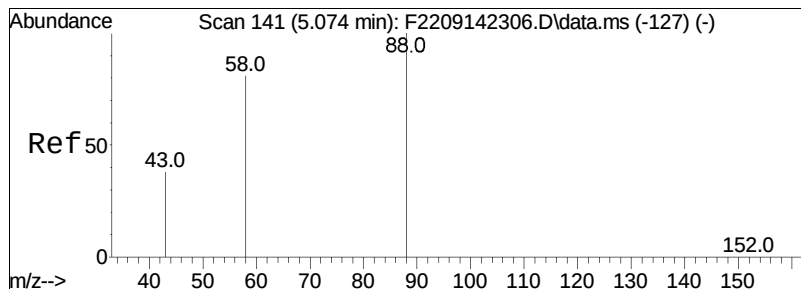
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
Data File : F2209222315.D
Acq On : 22 Sep 2023 11:08 am
Operator : PAH22:TPR
Sample : wg1829808-3, 32,,
Misc : WG1830591, WG1829808, ICAL20365
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 22 11:25:11 2023
Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Fri Sep 22 07:36:48 2023
Response via : Initial Calibration

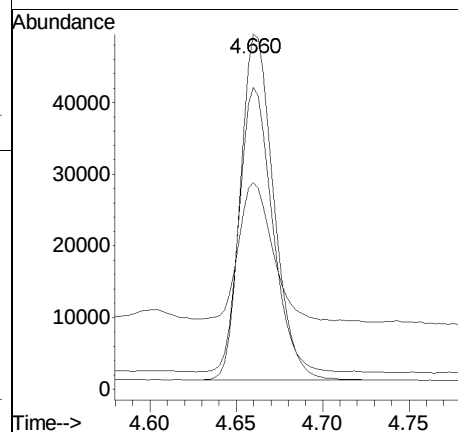
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 577.04 ng/mL
 RT: 4.660 min Scan# 136
 Delta R.T. 0.061 min
 Lab File: F2209222315.D
 Acq: 22 Sep 2023 11:08 am

Tgt Ion	88	58	43	Ratio	Lower	Upper
88	100					
58		81.5			66.2	99.4
43		39.8			31.6	47.4



Manual Integration/Negative Proof Report

Data Path	: O:\Organics\DATA\PAH22\2023Q	Method	: 14DIOX0914PAH22.M
Data File	: F2209222315.D	Operator	: PAH22:TPR
Date Inj'd	: 9/22/2023 11:08 am	Instrument	: PAH22
Sample	: wg1829808-3,32,,	Quant Date	: 9/22/2023 11:25 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222337.D
 Acq On : 22 Sep 2023 6:58 pm
 Operator : PAH22:TPR
 Sample : wg1829808-4,32,,
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 23 04:12:48 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.610	64	44142	500.000	ng/mL	0.06
3) 1,4-Dichlorobenzene-d4	8.605	152	414114	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.610	64	44142	199.869	ng/mL	0.06
Spiked Amount	500.000	Range	15 - 115	Recovery	=	39.97%
Target Compounds						
2) 1,4-dioxane	4.657	88	364235	3005.768	ng/mL	Qvalue 99

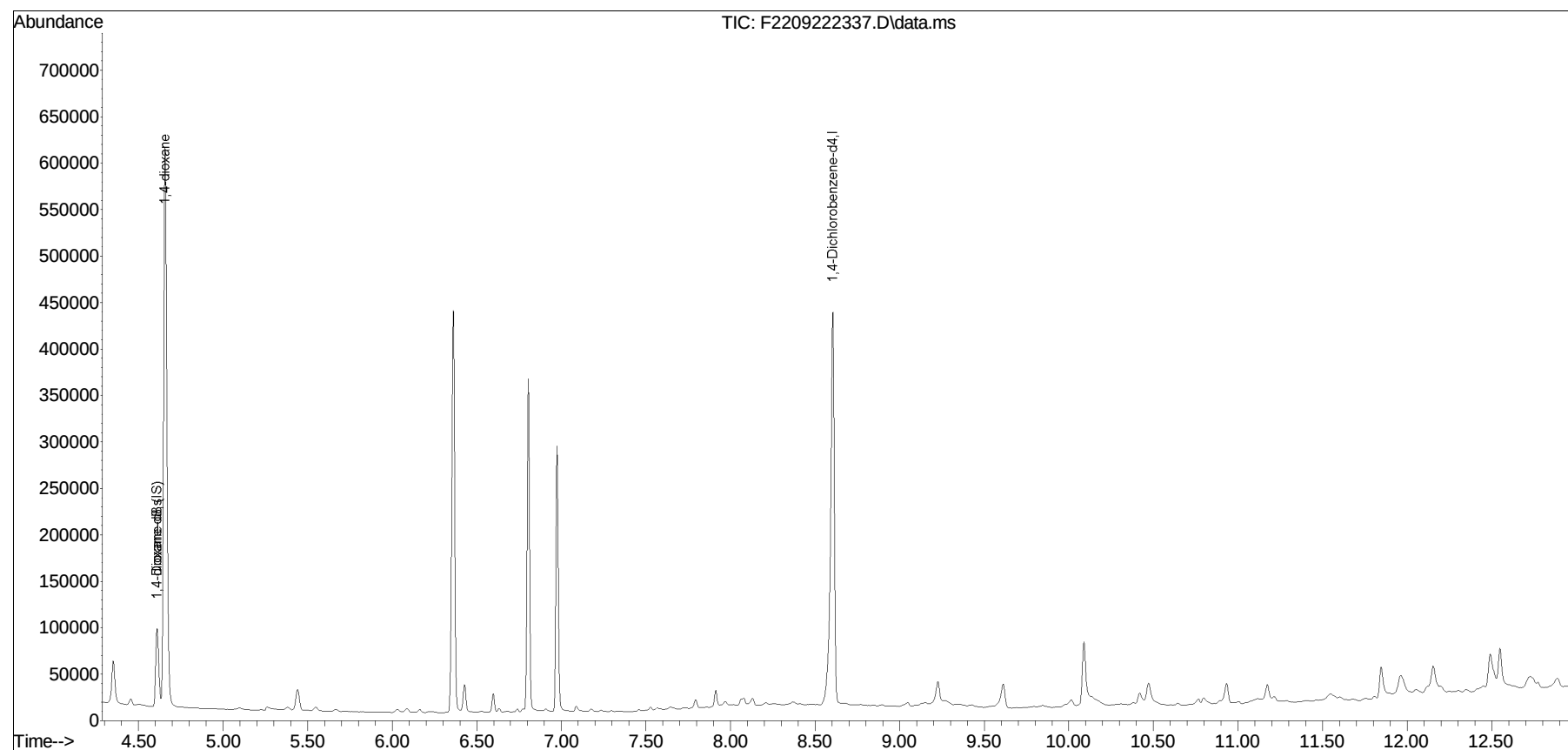
(#) = qualifier out of range (m) = manual integration (+) = signals summed

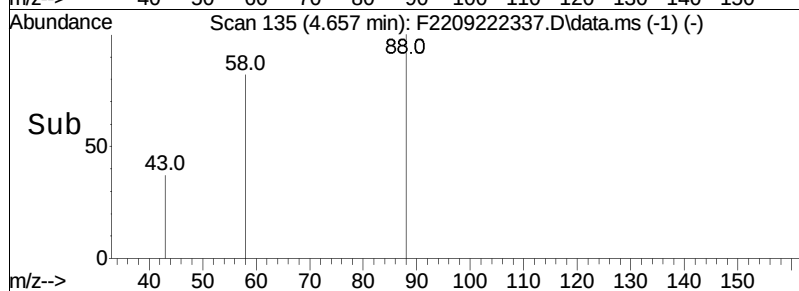
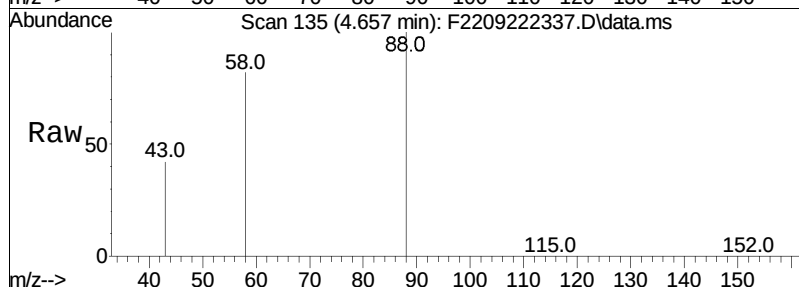
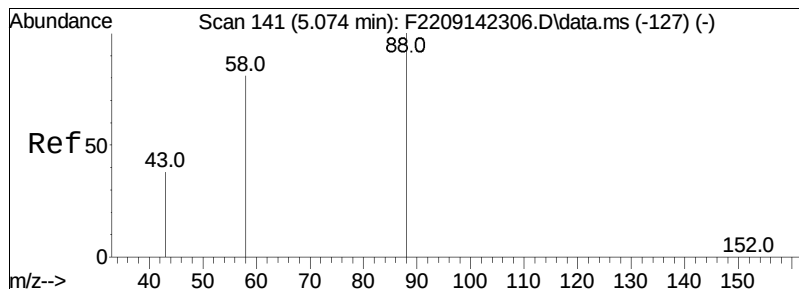
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222337.D
 Acq On : 22 Sep 2023 6:58 pm
 Operator : PAH22:TPR
 Sample : wg1829808-4, 32,,
 Misc : WG1830591, WG1829808, ICAL20365
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 23 04:12:48 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed





#2

1,4-dioxane

Concen: 3005.77 ng/mL

RT: 4.657 min Scan# 135

Delta R.T. 0.053 min

Lab File: F2209222337.D

Acq: 22 Sep 2023 6:58 pm

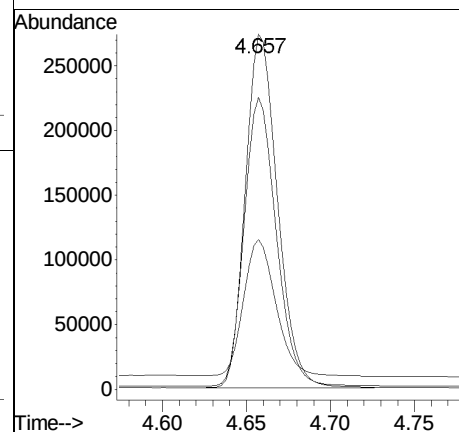
Tgt Ion: 88 Resp: 364235

Ion Ratio Lower Upper

88 100

58 81.2 66.2 99.4

43 39.2 31.6 47.4



Manual Integration/Negative Proof Report

Data Path	: O:\Organics\DATA\PAH22\2023Q	Method	: 14DIOX0914PAH22.M
Data File	: F2209222337.D	Operator	: PAH22:TPR
Date Inj'd	: 9/22/2023 6:58 pm	Instrument	: PAH22
Sample	: wg1829808-4,32,,	Quant Date	: 9/23/2023 4:12 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222338.D
 Acq On : 22 Sep 2023 7:18 pm
 Operator : PAH22:TPR
 Sample : wg1829808-5,32,,
 Misc : WG1830591,WG1829808,ICAL20365
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 23 04:12:50 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.613	64	39574	500.000	ng/mL	0.06
3) 1,4-Dichlorobenzene-d4	8.605	152	415491	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.613	64	39574	178.592	ng/mL	0.06
Spiked Amount	500.000	Range	15 - 115	Recovery	=	35.72%
Target Compounds						
2) 1,4-dioxane	4.660	88	323155	2974.588	ng/mL	Qvalue 99

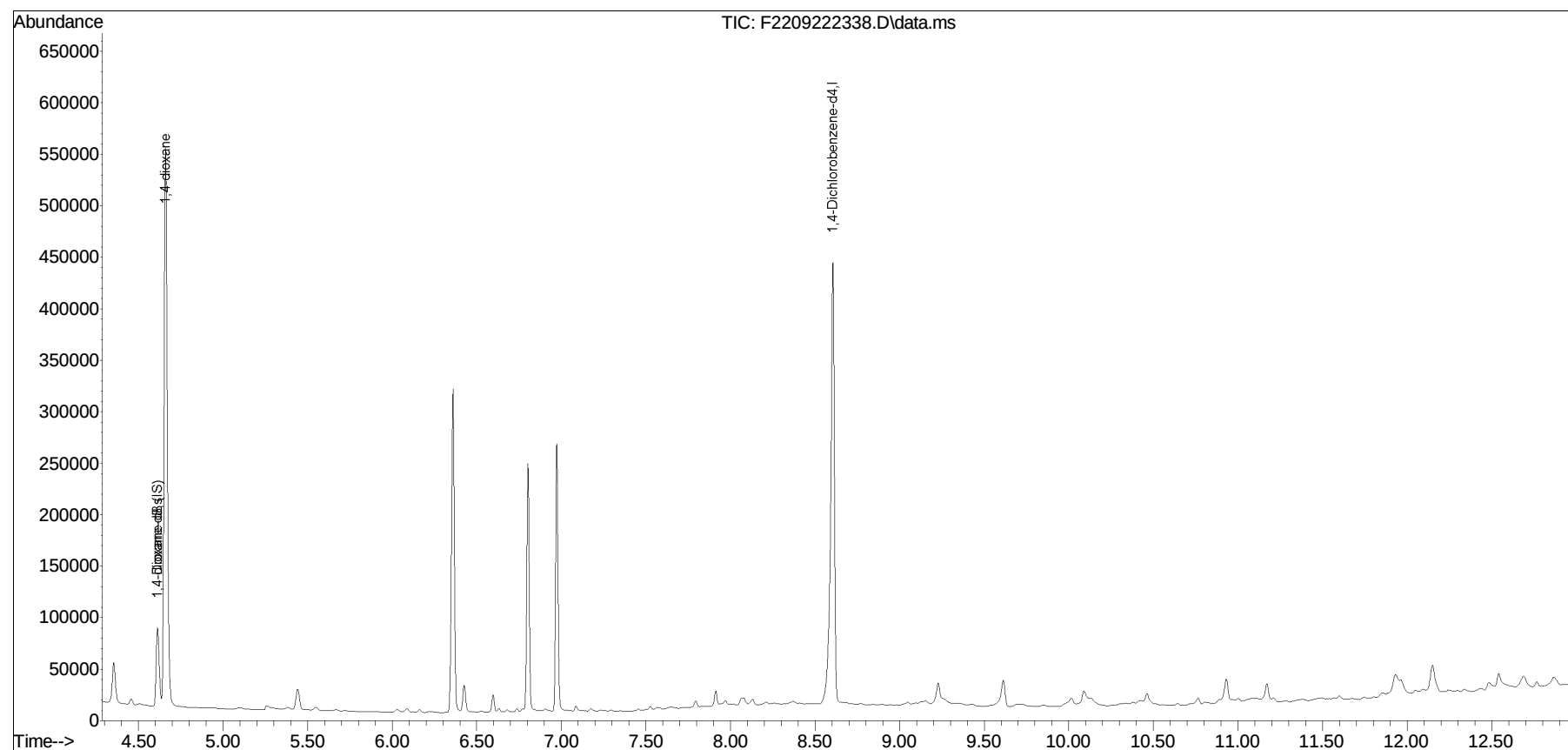
(#) = qualifier out of range (m) = manual integration (+) = signals summed

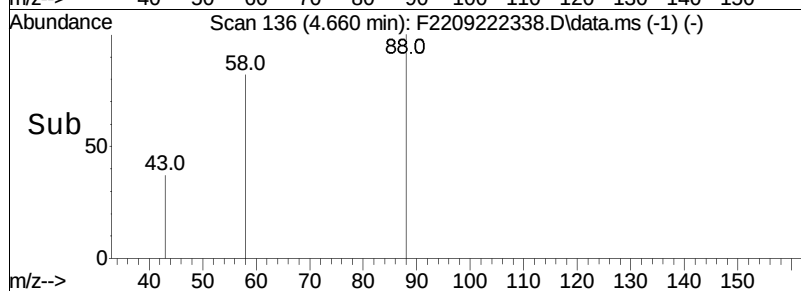
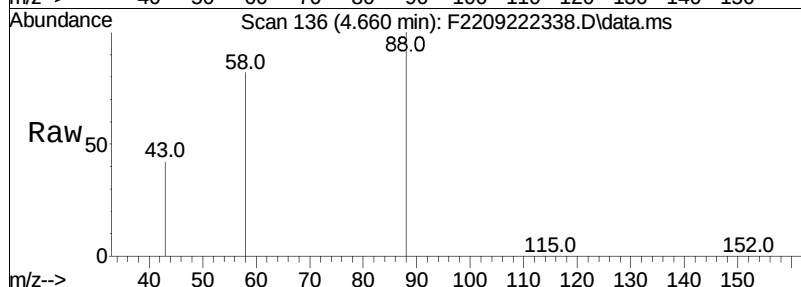
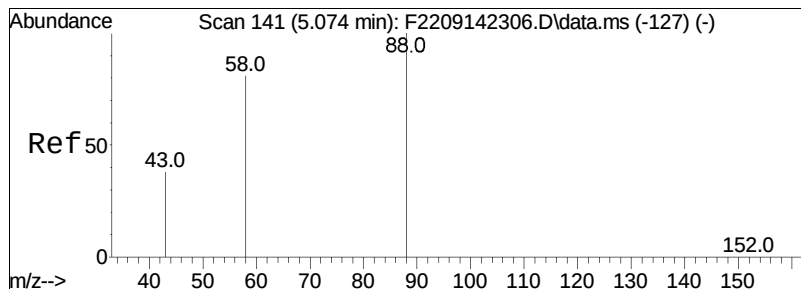
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\
 Data File : F2209222338.D
 Acq On : 22 Sep 2023 7:18 pm
 Operator : PAH22:TPR
 Sample : wg1829808-5, 32,,
 Misc : WG1830591, WG1829808, ICAL20365
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 23 04:12:50 2023
 Quant Method : 0:\Organics\DATA\PAH22\2023\SEP\SEP22\14DIOX0914PAH22.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Sep 23 04:12:02 2023
 Response via : Initial Calibration

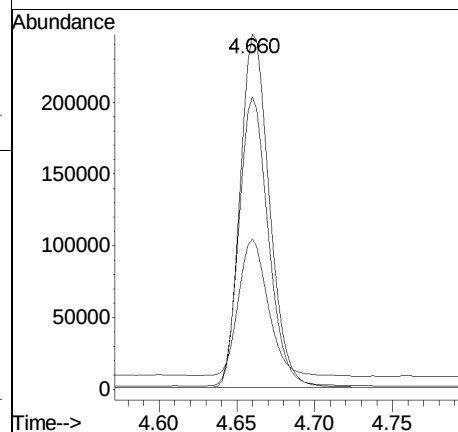
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 2974.59 ng/mL
 RT: 4.660 min Scan# 136
 Delta R.T. 0.055 min
 Lab File: F2209222338.D
 Acq: 22 Sep 2023 7:18 pm

Tgt Ion	88	Ratio	100	Resp:	323155
Ion	88	100		Lower	Upper
58	81.3		66.2		99.4
43	39.2		31.6		47.4



Manual Integration/Negative Proof Report

Data Path	: O:\Organics\DATA\PAH22\2023Q	Method	: 14DIOX0914PAH22.M
Data File	: F2209222338.D	Operator	: PAH22:TPR
Date Inj'd	: 9/22/2023 7:18 pm	Instrument	: PAH22
Sample	: wg1829808-5,32,,	Quant Date	: 9/23/2023 4:12 am

There are no manual integrations or false positives in this file.

Calculation of Semi Volatile Organic Compounds

Results of Water Analysis- calculation as performed in report form:

$$\text{Concentration (ug/L)} = \frac{(\text{Conc}) (\text{Vf}) (\text{DF})}{(\text{Vi})} \times 1000$$

where:

Conc =Raw on-column concentration obtained from the quantitation report using Initial Calibration results.

Vf = Final volume of extract (mL)

Vi= Volume of sample extracted (mL)

DF= Dilution factor

Results of Sediment/Soil Analysis- calculation as performed in report form:

$$\text{Concentration (ug/Kg)} = \frac{(\text{Conc}) (\text{Vf}) (\text{DF})}{(\text{W}) (\%S)}$$

where:

Conc =Raw on-column concentration obtained from the quantitation report using Initial Calibration results.

Vf = Final volume of extract (mL)

W= Aliquot of sample (wet), g

DF= Dilution factor

%S= Sample %solid (in decimal form)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Sep 25 2023, 06:28 am

Work Group: WG1830591 for Department: 32 GC/MS - Semivolatiles

Created: 22-SEP-23 Due: Operator: tpr

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2353445-01	MW-7D	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0920	1004	3E	Amber-A.25
L2353445-02	MW-7S	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0920	1004	3E	Amber-A.25
L2353445-03	MW-8S	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0920	1004	3E	Amber-A.25
L2353445-04	MW-6D'	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0920	1004	3E	Amber-A.25
L2353445-05	MW-6S	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0920	1004	3E	Amber-A.25
L2353445-06	MW-6D	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0920	1004	3E	Amber-A.25
L2353445-07	MW-4S	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0920	1004	3E	Amber-A.25
L2353445-08	DUP09132023	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0920	1004	3E	Amber-A.25
L2353477-01	BR-1_D	S A2-MCP14DXSIM-PPB-21	WATER	DONE	U	0920	0927	S0	Amber-A.25
L2353477-03	FIW_R_S	S A2-MCP14DXSIM-PPB-21	WATER	DONE	U	0920	0927	S0	Amber-A.25
L2353477-05	FIW_R_I	S A2-MCP14DXSIM-PPB-21	WATER	DONE	U	0920	0927	S0	Amber-A.25
L2353540-01	MW-3	S A2-MCP14DXSIM-PPB-21	WATER	DONE	U	0920	0928	S0	Amber-A.25
L2353540-02	MW-4	S A2-MCP14DXSIM-PPB-21	WATER	DONE	U	0920	0928	S0	Amber-A.25
L2353540-03	MW-5S	S A2-MCP14DXSIM-PPB-21	WATER	DONE	U	0920	0928	S0	Amber-A.25
L2353540-04	MW-5D	S A2-MCP14DXSIM-PPB-21	WATER	DONE	U	0920	0928	S0	Amber-A.25
L2353540-05	SW-1	S A2-MCP14DXSIM-PPB-21	WATER	DONE	U	0920	0928	S0	Amber-A.25
L2353572-01	MAP1D-22	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0920	0928	S0	Amber-A.25
L2353572-02	MAP1D-22 DUP	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0920	0928	S0	Amber-A.25
L2353572-03	MAP1D-19	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0920	0928	S0	Amber-A.25
L2353643-01	MW-1	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0920	1005	S0	Amber-A.25
L2353831-01	GW-MW-01-	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0921	1005	S0	Amber-A.25
L2353831-02	GW-MW-04-	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0921	1005	S0	Amber-A.25
L2353831-03	GW-MW-05-	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0921	1005	S0	Amber-A.25
L2353831-04	GW-DUP	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0921	1005	S0	Amber-A.25
L2353877-01	MW-4040-7	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0921	0928	S0	Amber-A.25
L2353877-02	MW-4040-9	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0921	0928	S0	Amber-A.25
L2353877-03	DUP_4040_091423_1	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0921	0928	S0	Amber-A.25
L2353877-05	MW-4040-10	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0921	0928	S0	Amber-A.25
L2353899-01	TW-01	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0921	1005	S0	Amber-A.25
L2353899-02	TW-02	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0921	1005	S0	Amber-A.25
L2353899-03	TW-03	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0921	1005	S0	Amber-A.25
L2354009-01	41 HOBSON	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0921	0929	S0	Amber-A.25
L2354009-02	41 HOBSON DUP	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0921	0929	S0	Amber-A.25
L2354009-03	FIELD BLANK	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0921	0929	S0	Amber-A.25
L2354272-01	EFFLUENT STE	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0921	1006	S0	Amber-A.25
L2354272-02	EFFLUENT STE (DUP)	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0921	1006	S0	Amber-A.25
L2354272-03	FIELD BLANK	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0921	1006	S0	Amber-A.25
L2354272-04	INFLUENT TKP	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0921	1006	S0	Amber-A.25
L2354963-01	VPBESE02-GW-0725-09192023	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0926	0922	3C	Amber-A.25
L2354963-02	VPBESE02-GW-0745-09192023	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0926	0922	3C	Amber-A.25
WG1829807-1	Laboratory Method Bl	S A2-MCP14DXSIM-PPB-21	WATER	DONE	U				
WG1829807-2	Laboratory Control S	S A2-MCP14DXSIM-PPB-21	WATER	DONE	U				
WG1829807-3	LCS Duplicate	S A2-MCP14DXSIM-PPB-21	WATER	DONE	U				
WG1829808-1	Laboratory Method Bl	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1829808-2	Laboratory Control S	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1829808-3	LCS Duplicate	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1829808-4	Matrix Spike	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1829808-5	Matrix Spike Duplica	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1829811-1	Laboratory Method Bl	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1829811-2	Laboratory Control S	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1829811-3	LCS Duplicate	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1829811-4	Matrix Spike	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1829811-5	Matrix Spike Duplica	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1829811-6	Laboratory Method Bl	S A2-14-DIOXANESIM-PPB	WATER	DACQ	U				
WG1829811-7	Laboratory Control S	S A2-14-DIOXANESIM-PPB	WATER	DACQ	U				
WG1829811-8	LCS Duplicate	S A2-14-DIOXANESIM-PPB	WATER	DACQ	U				
WG1830205-1	Laboratory Method Bl	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1830205-2	Laboratory Control S	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1830205-3	LCS Duplicate	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1830205-4	Matrix Spike	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1830205-5	Matrix Spike Duplica	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1830205-6	Matrix Spike	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				

Page 1

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Sep 25 2023, 06:28 am

Work Group: WG1830591 for Department: 32 GC/MS - Semivolatiles

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
WG1830205-7	Matrix Spike Duplica	S A2-1,4-DIOXANE-SIM	WATER	DONE	U				
WG1830211-1	Laboratory Method Bl	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1830211-2	Laboratory Control S	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1830211-3	LCS Duplicate	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1830212-1	Laboratory Method Bl	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1830212-2	Laboratory Control S	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1830212-3	LCS Duplicate	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1830591-1	MS DFTPP Tune Standa	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1830591-1	MS DFTPP Tune Standa	S A2-1,4-DIOXANE-SIM	WATER	DONE	U				
WG1830591-1	MS DFTPP Tune Standa	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1830591-2	Continuing Calibrati	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1830591-2	Continuing Calibrati	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1830591-2	Continuing Calibrati	S A2-1,4-DIOXANE-SIM	WATER	DONE	U				
WG1830591-3	MS DFTPP Tune Standa	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1830591-3	MS DFTPP Tune Standa	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1830591-3	MS DFTPP Tune Standa	S A2-1,4-DIOXANE-SIM	WATER	DONE	U				
WG1830591-4	Continuing Calibrati	S A2-1,4-DIOXANE-SIM	WATER	DONE	U				
WG1830591-4	Continuing Calibrati	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1830591-4	Continuing Calibrati	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
Comments:									
WG1829807-3	WG1829807-2								
WG1829808-3	WG1829808-2								
WG1829808-4	L2353445-05								
WG1829808-5	L2353445-05								
WG1829811-3	WG1829811-2								
WG1829811-4	L2353572-03								
WG1829811-5	L2353572-03								
WG1829811-8	WG1829811-7								
WG1830205-3	WG1830205-2								
WG1830205-4	L2354963-01								
WG1830205-5	L2354963-01								
WG1830205-6	L2353831-02								
WG1830205-7	L2353831-02								
WG1830211-3	WG1830211-2								
WG1830212-3	WG1830212-2								

Analysis log File

Total Files Reported in Log : 9

Log Generated From Directory: O:\Organics\DATA\PAH22\2023\SEP\SEP14\

No.	DATA FILE	INJ METH	SAMPLE NAME	MISC	DATE	INJ'D
1	F2209142301.D	DFTPPPAH22.M	T2209142301	WG1827559,,MSBQ13	9/14/2023	9:31 am
2	F2209142302.D	14DIOXANEPAH	I2209142301	WG1827559,,MSBQ26	9/14/2023	10:09 am
3	F2209142303.D	14DIOXANEPAH	I2209142302	WG1827559,,MSBQ27	9/14/2023	10:31 am
4	F2209142304.D	14DIOXANEPAH	I2209142303	WG1827559,,MSBQ28	9/14/2023	10:54 am
5	F2209142305.D	14DIOXANEPAH	I2209142304	WG1827559,,MSBQ29	9/14/2023	11:16 am
6	F2209142306.D	14DIOXANEPAH	I2209142305	WG1827559,,MSBQ45	9/14/2023	11:39 am
7	F2209142307.D	14DIOXANEPAH	I2209142306	WG1827559,,MSBQ30	9/14/2023	12:02 pm
8	F2209142308.D	14DIOXANEPAH	I2209142307	WG1827559,,MSBQ20	9/14/2023	12:26 pm
9	F2209142309.D	14DIOXANEPAH	CQ2209142301	WG1827559,,	9/14/2023	12:51 pm

Printed: 09/14/23

Page: 1

Analysis log File

Total Files Reported in Log : 58

Log Generated From Directory: O:\Organics\DATA\PAH22\2023\SEP\SEP22\

No.	DATA FILE	INJ METH	SAMPLE NAME	MISC	DATE	INJ'D
1	F2209222301.D	DFTPPPAH22.M	WG1830591-1	WG1830591,,ICAL20365,MS..	9/22/2023	5:59 am
2	F2209222302.D	14DIOXANEPAH	WG1830591-2	WG1830591,,ICAL20365,MS..	9/22/2023	6:33 am
3	F2209222303.D	14DIOXANEPAH	wg1830205-1,32,,	WG1830591,WG1830205,ICA..	9/22/2023	6:55 am
4	F2209222304.D	14DIOXANEPAH	wg1830212-2,32,,	WG1830591,WG1830212,ICA..	9/22/2023	7:16 am
5	F2209222305.D	14DIOXANEPAH	wg1830205-3,32,,	WG1830591,WG1830205,ICA..	9/22/2023	7:37 am
6	F2209222306.D	14DIOXANEPAH	12354963-01,32,,,r3c	WG1830591,WG1830205,ICA..	9/22/2023	7:59 am
7	F2209222307.D	14DIOXANEPAH	wg1830205-4,32,,	WG1830591,WG1830205,ICA..	9/22/2023	8:20 am
8	F2209222308.D	14DIOXANEPAH	wg1830205-5,32,,	WG1830591,WG1830205,ICA..	9/22/2023	8:40 am
9	F2209222309.D	14DIOXANEPAH	12354963-02,32,,,r3c	WG1830591,WG1830205,ICA..	9/22/2023	9:01 am
10	F2209222310.D	14DIOXANEPAH	12353877-02,32,,	WG1830591,WG1830205,ICA..	9/22/2023	9:23 am
11	F2209222311.D	14DIOXANEPAH	12353877-03,32,,	WG1830591,WG1830205,ICA..	9/22/2023	9:44 am
12	F2209222312.D	14DIOXANEPAH	12353877-05,32,,	WG1830591,WG1830205,ICA..	9/22/2023	10:04 am
13	F2209222313.D	14DIOXANEPAH	wg1829811-1,32,,	WG1830591,WG1829811,ICA..	9/22/2023	10:25 am
14	F2209222314.D	14DIOXANEPAH	wg1829811-2,32,,	WG1830591,WG1829811,ICA..	9/22/2023	10:46 am
15	F2209222315.D	14DIOXANEPAH	wg1829811-3,32,,	WG1830591,WG1829811,ICA..	9/22/2023	11:08 am
16	F2209222316.D	14DIOXANEPAH	12353477-01,32,,	WG1830591,WG1829807,ICA..	9/22/2023	11:29 am
17	F2209222317.D	14DIOXANEPAH	12353477-03,32,,	WG1830591,WG1829807,ICA..	9/22/2023	11:50 am
18	F2209222318.D	14DIOXANEPAH	12353477-05,32,,	WG1830591,WG1829807,ICA..	9/22/2023	12:11 pm
19	F2209222319.D	14DIOXANEPAH	12353540-01,32,,	WG1830591,WG1829807,ICA..	9/22/2023	12:32 pm
20	F2209222320.D	14DIOXANEPAH	12353540-02,32,,	WG1830591,WG1829807,ICA..	9/22/2023	12:53 pm
21	F2209222321.D	14DIOXANEPAH	12353540-03,32,,	WG1830591,WG1829807,ICA..	9/22/2023	1:14 pm
22	F2209222322.D	14DIOXANEPAH	12353540-04,32,,	WG1830591,WG1829807,ICA..	9/22/2023	1:35 pm
23	F2209222323.D	14DIOXANEPAH	12353572-01,32,,	WG1830591,WG1829811,ICA..	9/22/2023	1:56 pm
24	F2209222324.D	14DIOXANEPAH	12353572-02,32,,	WG1830591,WG1829811,ICA..	9/22/2023	2:17 pm
25	F2209222325.D	14DIOXANEPAH	12353572-03,32,,	WG1830591,WG1829811,ICA..	9/22/2023	2:38 pm
26	F2209222326.D	14DIOXANEPAH	wg1829811-4,32,,	WG1830591,WG1829811,ICA..	9/22/2023	2:58 pm
27	F2209222327.D	14DIOXANEPAH	wg1829811-5,32,,	WG1830591,WG1829811,ICA..	9/22/2023	3:19 pm
28	F2209222328.D	14DIOXANEPAH	12353540-05,32,,	WG1830591,WG1829807,ICA..	9/22/2023	3:41 pm
29	F2209222329.D	14DIOXANEPAH	12353877-01,32,,	WG1830591,WG1830205,ICA..	9/22/2023	4:02 pm
30	F2209222330.D	DFTPPPAH22.M	WG1830591-3	WG1830591,,ICAL20365,MS..	9/22/2023	4:20 pm
31	F2209222331.D	14DIOXANEPAH	WG1830591-4	WG1830591,,ICAL20365,MS..	9/22/2023	4:56 pm
32	F2209222332.D	14DIOXANEPAH	12353445-01,32,,,r3e	WG1830591,WG1829808,ICA..	9/22/2023	5:16 pm
33	F2209222333.D	14DIOXANEPAH	12353445-02,32,,,r3e	WG1830591,WG1829808,ICA..	9/22/2023	5:37 pm
34	F2209222334.D	14DIOXANEPAH	12353445-03,32,,,r3e	WG1830591,WG1829808,ICA..	9/22/2023	5:58 pm
35	F2209222335.D	14DIOXANEPAH	12353445-04,32,,,r3e	WG1830591,WG1829808,ICA..	9/22/2023	6:18 pm
36	F2209222336.D	14DIOXANEPAH	12353445-05,32,,,r3e	WG1830591,WG1829808,ICA..	9/22/2023	6:38 pm
37	F2209222337.D	14DIOXANEPAH	wg1829808-4,32,,	WG1830591,WG1829808,ICA..	9/22/2023	6:58 pm
38	F2209222338.D	14DIOXANEPAH	wg1829808-5,32,,	WG1830591,WG1829808,ICA..	9/22/2023	7:18 pm
39	F2209222339.D	14DIOXANEPAH	12353445-06,32,,,r3e	WG1830591,WG1829808,ICA..	9/22/2023	7:38 pm
40	F2209222340.D	14DIOXANEPAH	12353445-07,32,,,r3e	WG1830591,WG1829808,ICA..	9/22/2023	7:58 pm
41	F2209222341.D	14DIOXANEPAH	12353445-08,32,,,r3e	WG1830591,WG1829808,ICA..	9/22/2023	8:18 pm
42	F2209222342.D	14DIOXANEPAH	12353643-01,32,,	WG1830591,WG1829808,ICA..	9/22/2023	8:37 pm
43	F2209222343.D	14DIOXANEPAH	12353831-02,32,,	WG1830591,WG1830205,ICA..	9/22/2023	8:57 pm
44	F2209222344.D	14DIOXANEPAH	wg1830205-6,32,,	WG1830591,WG1830205,ICA..	9/22/2023	9:17 pm
45	F2209222345.D	14DIOXANEPAH	wg1830205-7,32,,	WG1830591,WG1830205,ICA..	9/22/2023	9:36 pm
46	F2209222346.D	14DIOXANEPAH	12353831-03,32,,	WG1830591,WG1830205,ICA..	9/22/2023	9:56 pm
47	F2209222347.D	14DIOXANEPAH	12353831-01,32,,	WG1830591,WG1830205,ICA..	9/22/2023	10:15 pm
48	F2209222348.D	14DIOXANEPAH	12353831-04,32,,	WG1830591,WG1830205,ICA..	9/22/2023	10:35 pm
49	F2209222349.D	14DIOXANEPAH	12354272-01,32,,	WG1830591,WG1830205,ICA..	9/22/2023	10:55 pm
50	F2209222350.D	14DIOXANEPAH	12354272-02,32,,	WG1830591,WG1830205,ICA..	9/22/2023	11:14 pm
51	F2209222351.D	14DIOXANEPAH	12354272-03,32,,	WG1830591,WG1830205,ICA..	9/22/2023	11:33 pm
52	F2209222352.D	14DIOXANEPAH	12354272-04,32,,	RR @ 10X/20x dil matrix..	9/22/2023	11:53 pm
53	F2209222353.D	14DIOXANEPAH	12353899-01,32,,	WG1830591,WG1830211,ICA..	9/23/2023	12:12 am
54	F2209222354.D	14DIOXANEPAH	12353899-02,32,,	WG1830591,WG1830211,ICA..	9/23/2023	12:31 am
55	F2209222355.D	14DIOXANEPAH	12353899-03,32,,	WG1830591,WG1830211,ICA..	9/23/2023	12:51 am
56	F2209222356.D	14DIOXANEPAH	12354009-01,32,,	WG1830591,WG1830212,ICA..	9/23/2023	1:10 am

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Analysis log File

Total Files Reported in Log : 58

Log Generated From Directory: O:\Organics\DATA\PAH22\2023\SEP\SEP22\

No.	DATA FILE	INJ METH	SAMPLE NAME	MISC	DATE	INJ'D
57	F2209222357.D	14DIOXANEPAH	12354009-02,32,,	WG1830591,WG1830212,ICA..	9/23/2023	1:29 am
58	F2209222358.D	14DIOXANEPAH	12354009-03,32,,	WG1830591,WG1830212,ICA..	9/23/2023	1:49 am



ORGANIC ELN REPORT

Workgroup: WG1829808

Prep Method: EPA 3510C Solvent Type: DCM Surrogate Type: 1,4-DIOXANE Spike Type: 1,4-DIOXANE Spike Verify by: WRS Lims Spikelot: 14DIOXANE Additional Reagents/Std <table><tr><td>Glass Wool</td><td>16022999</td></tr><tr><td>Na2SO4</td><td>23A116008</td></tr></table>	Glass Wool	16022999	Na2SO4	23A116008	Conc.Method: S-EVAP Solvent Type: DCM Lot #: EH057-US Additional Reagents/Std	Cleanup 1 Cleanup Method 1: Cleanup Method 2: Solvent Type:Lot #: Additional Reagents/Std
Glass Wool	16022999					
Na2SO4	23A116008					

Sample/ Type	Extraction						Concentration			
	Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Conc Date	Analyst	Final Vol ml	Conc Unit
L2353445-01 WATER	09/20/23 15:27	Gregory Fernberg	255	7	.25		09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1
L2353445-02 WATER	09/20/23 15:27	Gregory Fernberg	255	7	.25		09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1
L2353445-03 WATER	09/20/23 15:27	Gregory Fernberg	255	7	.25		09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1
L2353445-04 WATER	09/20/23 15:27	Gregory Fernberg	255	7	.25		09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1
L2353445-05 WATER	09/20/23 15:27	Gregory Fernberg	265	7	.25		09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1
L2353445-06 WATER	09/20/23 15:27	Gregory Fernberg	265	7	.25		09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1



ORGANIC ELN REPORT

Workgroup: WG1829808

Sample/ Type	Extraction						Concentration			
	Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Conc Date	Analyst	Final Vol ml	Conc Unit
L2353445-07 WATER	09/20/23 15:27	Gregory Fernberg	245	7	.25		09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1
L2353445-08 WATER	09/20/23 15:27	Gregory Fernberg	255	7	.25		09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1
L2353643-01 SAMP	09/20/23 15:27	Gregory Fernberg	255	7	.25		09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1
WG1829808-1 BLANK	09/20/23 15:27	Gregory Fernberg	250	7	.25		09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1
WG1829808-2 LCS	09/20/23 15:27	Gregory Fernberg	250	7	.25	.25	09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1
WG1829808-3 LCSD	09/20/23 15:27	Gregory Fernberg	250	7	.25	.25	09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1
WG1829808-4 MS	09/20/23 15:27	Gregory Fernberg	255	7	.25	.25	09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1
WG1829808-5 MSD	09/20/23 15:27	Gregory Fernberg	255	7	.25	.25	09/20/23 19:00	Alyssa Macmillan	2.5	SEVAP 1