



H & A OF NEW YORK ENGINEERING
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December 24, 2025
File No. 0210873

New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, New York 11101

Attention: Mr. Christopher Allan

Subject: Post-Remedy Groundwater Monitoring – December 2025 Data
340 Myrtle Avenue
Brooklyn, New York
NYSDEC BCP Site No. C224340

Dear Mr. Allan:

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is pleased to submit this report to document groundwater monitoring at the 340 Myrtle Avenue Redevelopment Site ("Site") for December 2025. 340 Myrtle Development LLC (the Participant) has remediated a 0.202-acre property known as the 340 Myrtle Avenue Site, designated under Brownfield Cleanup Program (BCP) Site No. C224340. See **Figure 1** for a Site plan.

Purpose

This report summarizes groundwater monitoring activities, which are requirements of the Site Management Plan (SMP), dated February 25, 2025, and approved by the New York State Department of Environmental Conservation (NYSDEC).

Groundwater Monitoring Network

Five monitoring wells are used for post-remedy monitoring: two on-site within the source area and three off-site cross- and/or down-gradient. The well locations and groundwater contours are shown on **Figure 2**.

Groundwater Monitoring

Groundwater monitoring has occurred at the Site since completion of remediation in August 2024 and submittal of the final SMP in February 2025. An Environmental Easement (EE) package was submitted to NYSED on September 26, 2024, and recorded with the Kings County Clerk on October 23, 2024. The EE requires compliance with the SMP and the Institutional Controls (ICs) placed on the Site. Upon the completion of the post-remedy groundwater sampling and evaluation of the results, a determination will

be made if the ICs can be lifted or become permanent. Samples will be collected until the EE is terminated in accordance with New York State Environmental Conservation Law (ECL) Article 71, Title 36, or until it is determined in consultation with NYSDEC and New York State Department of Health (NYSDOH) that groundwater concentrations are found below the NYSDEC standards or have become asymptotic over an extended period. In December 2025, groundwater monitoring was performed in accordance with the Groundwater Monitoring Plan included in the SMP.

Samples were collected and analyzed in accordance with the NYSDEC-approved SMP, which included the following analyses:

- Chlorinated volatile organic compounds (CVOCs) by U.S. Environmental Protection Agency (EPA) Method 8260C

Chemical analyses were performed by Pace Analytical Services, LLC (Pace), an NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory.

Analytical results from the December 2025 sampling event are summarized in **Table 1** and on **Figure 3** and are compared to the Class GA Groundwater values listed in the Division of Water Technical and Operational Guidance Series 1.1.1, Ambient Water Quality Standards (AWQS). **Appendix A** contains the laboratory reports for the groundwater sampling analyses. **Appendix B** contains groundwater monitoring purge logs. Shaded values in **Table 1** indicate results that are higher than their respective AWQS.

December 2025 Results Summary

The December 2025 groundwater sampling event was performed on December 9 and December 10, 2025, using low-flow sampling procedures. Well purging, sampling, sample containment, chain of custody and sample transportation procedures, and laboratory analyses were completed in accordance with the SMP. Results exceeding the AWQS are summarized as follows:

MW-3I: One CVOC, tetrachloroethene (PCE), was detected above its AWQS at a concentration of 38 micrograms per liter (µg/L).

MW-04: One CVOC, PCE, was detected above its AWQS at a concentration of 44 µg/L. PCE was also detected above its AWQS in the duplicate sample collected at MW-04, at a concentration of 47 µg/L.

MW-05: One CVOC, PCE, was detected above its AWQS at a concentration of 29 µg/L.

MW-06: One CVOC, PCE, was detected above its AWQS at a concentration of 63 µg/L.

MW0-7: One CVOC, PCE, was detected above its AWQS at a concentration of 12 µg/L.

Future Monitoring

Future groundwater monitoring events will occur quarterly at the Site. The next event will occur in Q1 2026.

Please do not hesitate to call if you have any questions or comments.

Sincerely yours,

H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP



Zavier Richards
Staff Engineer 2



Nicole A. Mooney
Assistant Project Manager



Matthew Levy
Senior Project Manager

Attachments:

Table 1 – Post-Remedy Groundwater Monitoring Results – December 2025

Figure 1 – Site Plan

Figure 2 – December 2025 Groundwater Contours

Figure 3 – Post-Remedy Groundwater Exceedances

Appendix A – December 2025 Laboratory Reports

Appendix B – Groundwater Monitoring Purge Logs

https://haleyaldrich.sharepoint.com/sites/BrooklynBuildersInc/Shared Documents/0210873.340 Myrtle BCP Site/Deliverables/08. Quarterly Groundwater Monitoring Reports/2025_Q4 GWM Report/2025_1224-HANY-C224340_GWM_Report Q4 2025_F.docx

TABLE

TABLE 1
POST-REMEDY GROUNDWATER MONITORING RESULTS - DECEMBER 2025
 340 MYRTLE AVENUE
 BROOKLYN, NEW YORK
 FILE NO. 0210873

Location Name Sample Name Sample Date Lab Sample ID	Criteria						
	New York TOGS	MW-3I	MW-4	MW-4	MW-5	MW-6	MW-7
	111 Ambient	MW-3I_20251210	MW-4_20251210	DUP-01_20251210	MW-5_20251210	MW-6_20251209	MW-7_20251210
	Water Quality	12/10/2025	12/10/2025	12/10/2025	12/10/2025	12/09/2025	12/10/2025
	Standards	L2578603-04	L2578603-01	L2578603-05	L2578603-02	L2578239-01	L2578603-03
Volatile Organic Compounds (ug/L)							
1,1,1-Trichloroethane	5	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
1,1-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroform (Trichloromethane)	7	5.8 J	2.1 J	2.1 J	6.9	2.4 J	4.7
cis-1,2-Dichloroethene	5	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Methylene chloride (Dichloromethane)	5	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Tetrachloroethene	5	38	44	47	29	63	12
Trichloroethene	5	0.57	0.66	0.65	0.7	0.51	0.96
Vinyl chloride	2	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

ABBREVIATIONS AND NOTES:

µg/L: micrograms per liter

J: Value is estimated

NA: Not Applicable

ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.

- Groundwater analytical results are compared to NY-AWQS: NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA Water.

- Grey shading indicates an exceedance of the AWQS criteria.

FIGURES

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0210873\GIS\010873 MYRTLE BCP SITE BROOKLYN.aprx - USER: mmjones - LAST SAVED: 6/11/2024 5:09 PM

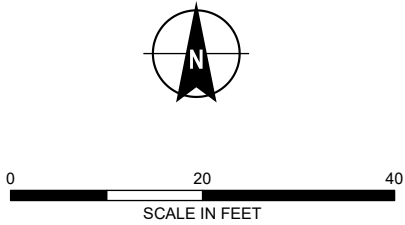


LEGEND

SITE BOUNDARY

PARCEL BOUNDARY

- NOTES**
1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
 2. PARCEL DATA SOURCE: KINGS COUNTY
 3. AERIAL IMAGERY SOURCE: NEARMAP, 8 MARCH 2024



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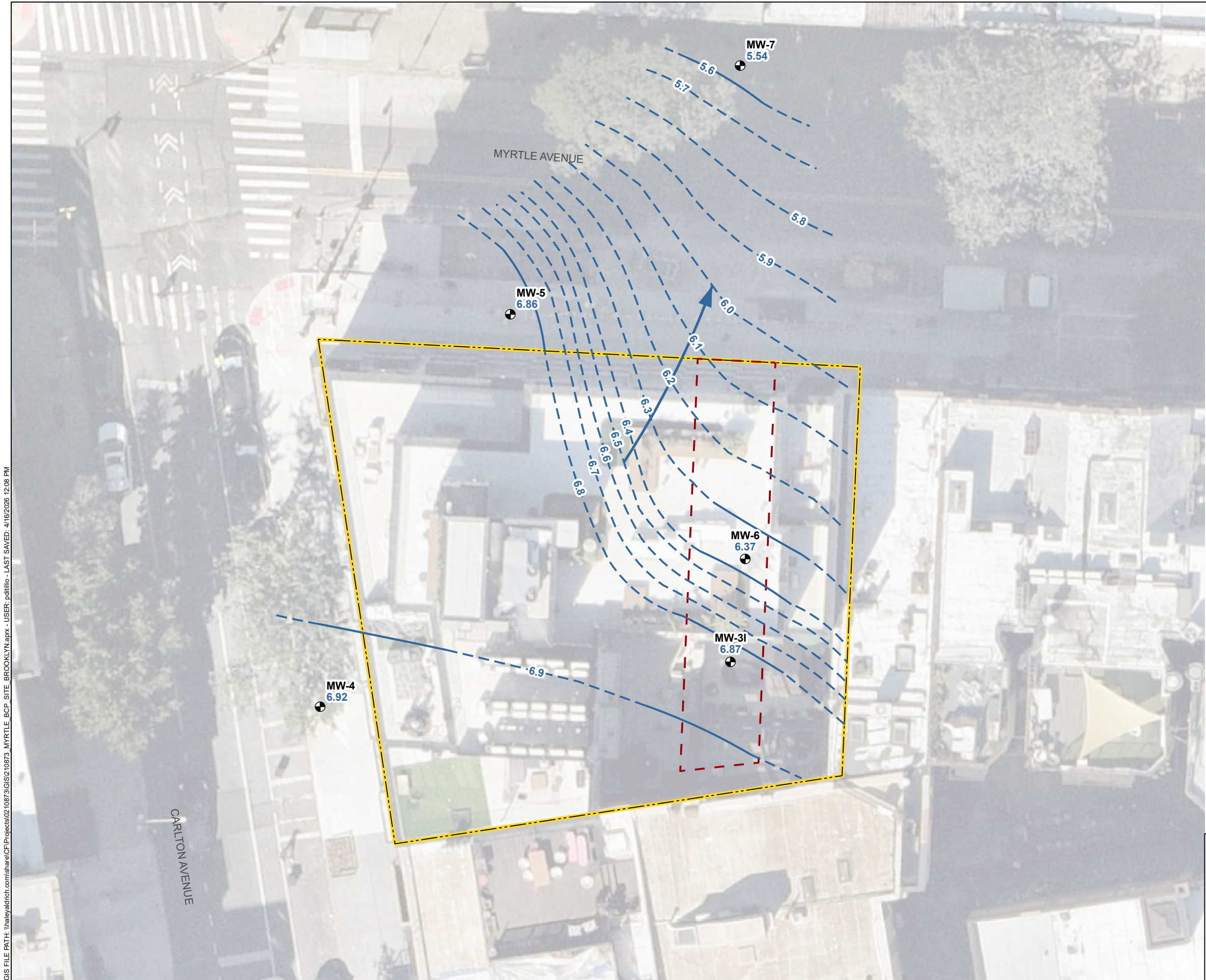
340 MYRTLE AVENUE
BROOKLYN, NEW YORK

SITE PLAN

DECEMBER 2025

FIGURE 1

C:\GIS\FILE PATH\H:\haleyaldrich.com\share\CF\Projects\0210873\GIS\210873 MYRTLE BCP SITE BROOKLYN.aprx - USER: pdillilio - LAST SAVED: 4/16/2026 12:08 PM

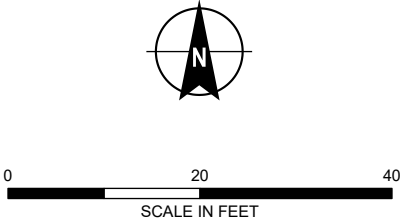


LEGEND

- MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET (FT)
- GROUNDWATER ELEVATION CONTOUR, 0.1-FT INTERVAL, DASHED WHERE INFERRED
- GROUNDWATER FLOW DIRECTION
- FORMER DRY CLEANER
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
- PARCEL DATA SOURCE: KINGS COUNTY
- AERIAL IMAGER SOURCE: NEARMAP, OCTOBER 1, 2025



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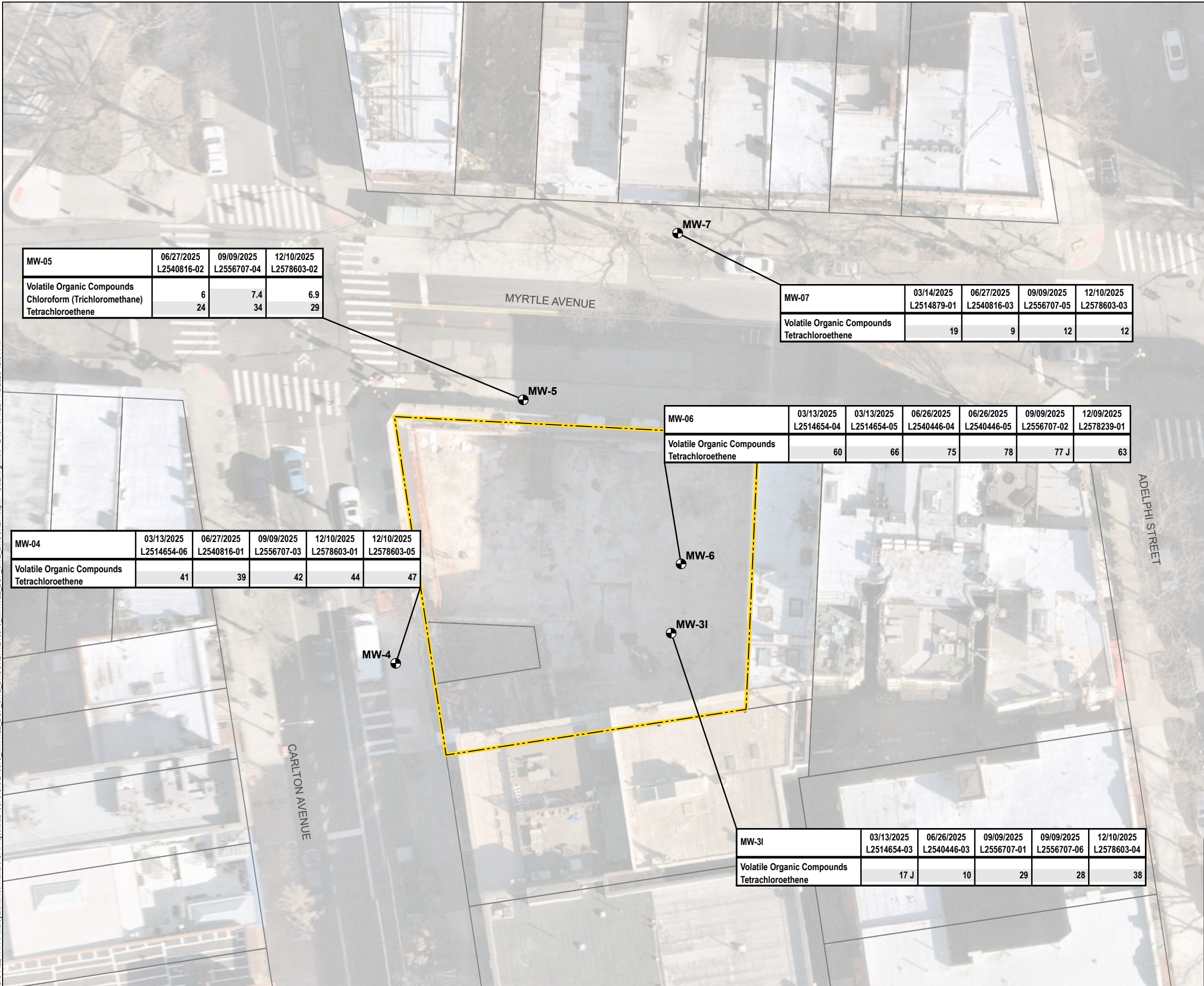
340 MYRTLE AVENUE
BROOKLYN, NEW YORK

DECEMBER 2025
GROUNDWATER CONTOURS

APRIL 2026

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0210873\GIS\210873 MYRTLE BCP SITE BROOKLYN\210873 MYRTLE BCP SITE BROOKLYN.aprx - USER: gwidde - LAST SAVED: 1/8/2026 12:34 PM



LEGEND

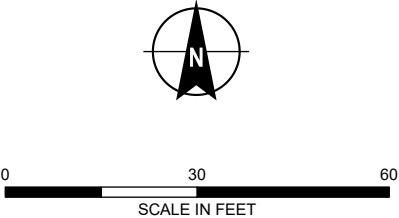
MONITORING WELL

SITE BOUNDARY

PARCEL BOUNDARY

	AWQS
Volatile Organic Compounds (ug/L)	
Chloroform	7
Tetrachloroethene	5

- NOTES**
- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
 - GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1. AMBIENT WATER QUALITY STANDARDS (AWQS).
 - RESULTS SHADED GRAY EXCEED NYSDEC AWQS (5 µg/L).
 - RESULTS ARE DISPLAYED IN MICROGRAMS PER LITER (µg/L).
 - ONLY GROUNDWATER EXCEEDANCES ARE SHOWN ON FIGURE.
 - PARCEL DATA SOURCE: KINGS COUNTY
 - AERIAL IMAGERY SOURCE: NEARMAP, MARCH 8, 2024



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340 MYRTLE AVENUE
BROOKLYN, NEW YORK

POST-REMEDY
GROUNDWATER EXCEEDANCES

JANUARY 2026

FIGURE 3

APPENDIX A
December 2025 Laboratory Reports



Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2578239

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2578239
Report Date: 12/19/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2578239-01	MW-6_20251209	WATER	340 MYRTLE AVE, BROOKLYN, NY	12/09/25 14:45	12/09/25
L2578239-02	FB-01_20251209	WATER	340 MYRTLE AVE, BROOKLYN, NY	12/09/25 15:00	12/09/25
L2578239-03	TB-01_20251209	WATER	340 MYRTLE AVE, BROOKLYN, NY	12/09/25 00:00	12/09/25

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2578239
Report Date: 12/19/25

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 Pace 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, Pace'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 Pace 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: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2578239
Report Date: 12/19/25

Case Narrative (continued)

Report Submission

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

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: *Jiffani Morrissey*

Report Date: 12/19/25

Title: Technical Director/Representative

DATA PACKAGE 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



Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2578239
Report Date: 12/19/25

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



Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2578239
Report Date: 12/19/25

Data Qualifiers

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 or U** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	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	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	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 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

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

Pesticides/PCB/Herbicides:

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

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
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

Pace Job Number : L2578239

Received : 09-DEC-2025

Reviewer : Riley Frankian

Account Name : Haley & Aldrich

Project Number : 0210873-001-001-07

Project Name : 340 MYRTLE AVE

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.2	

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?	YES
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

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Dec 19 2025, 05:28 pm

Login Number: L2578239

Account: HALEY-NYC Haley & AldrichProject: 0210873-001-001-07

Received: 09DEC25

Due Date: 18DEC25

Sample # Client ID Mat PR Collected

L2578239-01 MW-6_20251209

1 S0 09DEC25 14:45

8260: CVOC RL built L2578239-01 MS L2578239-01 MSD ASP-B Package Due Date: 12/18/25

ASP-B,MS/MSD, NYTCL-8260

L2578239-02 FB-01_20251209

1 S0 09DEC25 15:00

8260: CVOC RL built Package Due Date: 12/18/25

NYTCL-8260

L2578239-03 TB-01_20251209

1 S0 09DEC25 00:00

8260: CVOC RL built Package Due Date: 12/18/25

NYTCL-8260

Organics

GC/MS 8260

Analysis

Volatiles QC Summary

Surrogate Recovery Summary

Form 2

Volatiles

Client: Haley & Aldrich
Project Name: 340 MYRTLE AVE

Lab Number: L2578239
Project Number: 0210873-001-001-07
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-6_20251209 (L2578239-01)	101	96	93	110	0
FB-01_20251209 (L2578239-02)	108	99	107	109	0
TB-01_20251209 (L2578239-03)	104	102	110	107	0
WG2154750-3LCS	90	101	101	94	0
WG2154750-4LCSD	96	100	102	99	0
WG2154750-5BLANK	97	97	102	103	0
WG2154825-3LCS	97	98	92	108	0
WG2154825-4LCSD	104	99	93	106	0
WG2154825-5BLANK	102	97	95	111	0
MW-6_20251209MS	101	98	94	104	0
MW-6_20251209MSD	100	98	93	104	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



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Haley & Aldrich **Lab Number** : L2578239
Project Name : 340 MYRTLE AVE **Project Number** : 0210873-001-001-07
Matrix (Level) : WATER (LOW)
LCS Sample ID : WG2154750-3 **Analysis Date** : 12/13/25 09:34 **File ID** : VE251213B01
LCSD Sample ID : WG2154750-4 **Analysis Date** : 12/13/25 09:58 **File ID** : VE251213B02

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	9.4	94	10	9.6	96	2	70-130	20
Chloroform	10	9.0	90	10	8.7	87	3	70-130	20
Carbon tetrachloride	10	9.2	92	10	9.0	90	2	63-132	20
Tetrachloroethene	10	8.9	89	10	8.8	88	1	70-130	20
1,1,1-Trichloroethane	10	9.1	91	10	8.7	87	4	67-130	20
Vinyl chloride	10	9.8	98	10	9.8	98	0	55-140	20
1,1-Dichloroethene	10	12	120	10	9.9	99	19	61-145	20
Trichloroethene	10	8.6	86	10	8.0	80	7	70-130	20
cis-1,2-Dichloroethene	10	8.9	89	10	9.1	91	2	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG2154825-3 Analysis Date : 12/15/25 10:40 File ID : V22251215B01
 LCSD Sample ID : WG2154825-4 Analysis Date : 12/15/25 11:04 File ID : V22251215B02

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	12	120	10	11	110	9	70-130	20
Chloroform	10	10	100	10	10	100	0	70-130	20
Carbon tetrachloride	10	11	110	10	12	120	9	63-132	20
Tetrachloroethene	10	11	110	10	11	110	0	70-130	20
1,1,1-Trichloroethane	10	11	110	10	11	110	0	67-130	20
Vinyl chloride	10	10	100	10	8.8	88	13	55-140	20
1,1-Dichloroethene	10	12	120	10	11	110	9	61-145	20
Trichloroethene	10	9.5	95	10	10	100	5	70-130	20
cis-1,2-Dichloroethene	10	11	110	10	11	110	0	70-130	20



Matrix Spike Sample Summary

Form 3

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Client Sample ID : MW-6_20251209
 Lab Sample ID : L2578239-01
 Matrix Spike : WG2154825-6
 Matrix Spike Dup : WG2154825-7

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Matrix (Level) : WATER (LOW)
 Analysis Date : 12/15/25 12:42
 MS Analysis Date : 12/15/25 13:06
 MSD Analysis Date : 12/15/25 13:31

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	10	11	110	10	11	110	0	70-130	20
Chloroform	2.4J	10	13	130	10	13	130	0	70-130	20
Carbon tetrachloride	ND	10	13	130	10	13	130	0	63-132	20
Tetrachloroethene	63	10	70	70	10	72	90	3	70-130	20
1,1,1-Trichloroethane	ND	10	12	120	10	12	120	0	67-130	20
Vinyl chloride	ND	10	10	100	10	10	100	0	55-140	20
1,1-Dichloroethene	ND	10	13	130	10	13	130	0	61-145	20
Trichloroethene	0.51	10	12	115	10	11	105	9	70-130	20
cis-1,2-Dichloroethene	ND	10	12	120	10	12	120	0	70-130	20



**Method Blank Summary
Form 4
Volatiles**

Client	: Haley & Aldrich	Lab Number	: L2578239
Project Name	: 340 MYRTLE AVE	Project Number	: 0210873-001-001-07
Lab Sample ID	: WG2154750-5	Lab File ID	: VE251213B05
Instrument ID	: ELAINE		
Matrix	: WATER	Analysis Date	: 12/13/25 11:11

Client Sample No.	Lab Sample ID	Analysis Date
WG2154750-3LCS	WG2154750-3	12/13/25 09:34
WG2154750-4LCSD	WG2154750-4	12/13/25 09:58
FB-01_20251209	L2578239-02	12/13/25 19:19
TB-01_20251209	L2578239-03	12/13/25 19:44

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	Lab Number	: L2578239
Project Name	: 340 MYRTLE AVE	Project Number	: 0210873-001-001-07
Lab Sample ID	: WG2154825-5	Lab File ID	: V22251215B05
Instrument ID	: VOA122		
Matrix	: WATER	Analysis Date	: 12/15/25 12:17

Client Sample No.	Lab Sample ID	Analysis Date
WG2154825-3LCS	WG2154825-3	12/15/25 10:40
WG2154825-4LCSD	WG2154825-4	12/15/25 11:04
MW-6_20251209	L2578239-01	12/15/25 12:42
MW-6_20251209MS	WG2154825-6	12/15/25 13:06
MW-6_20251209MSD	WG2154825-7	12/15/25 13:31

Instrument Performance Check (Tune) Summary

Form 5

Volatiles

Bromofluorobenzene (BFB)

Client : Haley & Aldrich	Lab Number : L2578239
Project Name : 340 MYRTLE AVE	Project Number : 0210873-001-001-07
Instrument ID : ELAINE	Analysis Date : 11/10/25 19:57
Tune Standard : WG2140152-1	Tune File ID : VE251110NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	23.4
75	30.0 - 80.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.5 (.6)1
174	Greater than 50.0% of mass 95	79.6
175	5.0 - 9.0% of mass 174	5.7 (7.2)1
176	Greater than 95.0% but less than 101% of mass	76.3 (96)1
177	5.0 - 9.0% of mass 176	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
STD0.19PPB	R2034683-1	VE251110N04	11/10/25 21:41
STD0.5PPB	R2034683-2	VE251110N05	11/10/25 22:05
STD2PPB	R2034683-4	VE251110N07	11/10/25 22:53
STD10PPB	R2034683-3	VE251110N09	11/10/25 23:42
STD30PPB	R2034683-5	VE251110N10	11/11/25 00:06
STD80PPB	R2034683-6	VE251110N11	11/11/25 00:30
STD120PPB	R2034683-7	VE251110N12	11/11/25 00:54
STD200PPB	R2034683-8	VE251110N13	11/11/25 01:18
Correlation Data Summary	R2034683-9	VE251110N18	11/11/25 03:19
ICV Quant Report	R2034683-9	VE251110N18	11/11/25 03:19



Instrument Performance Check (Tune) Summary

Form 5

Volatiles

Bromofluorobenzene (BFB)

Client : Haley & Aldrich	Lab Number : L2578239
Project Name : 340 MYRTLE AVE	Project Number : 0210873-001-001-07
Instrument ID : ELAINE	Analysis Date : 12/13/25 09:15
Tune Standard : WG2154750-1	Tune File ID : VE251213BBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.8
75	30.0 - 80.0% of mass 95	48.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.6 (.7)1
174	Greater than 50.0% of mass 95	90.2
175	5.0 - 9.0% of mass 174	6.3 (7)1
176	Greater than 95.0% but less than 101% of mass	86 (95.3)1
177	5.0 - 9.0% of mass 176	5.7 (6.6)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
WG2154750-2CCAL	WG2154750-2	VE251213B01	12/13/25 09:34
WG2154750-3LCS	WG2154750-3	VE251213B01	12/13/25 09:34
WG2154750-4LCSD	WG2154750-4	VE251213B02	12/13/25 09:58
WG2154750-5BLANK	WG2154750-5	VE251213B05	12/13/25 11:11
FB-01_20251209	L2578239-02	VE251213B25	12/13/25 19:19
TB-01_20251209	L2578239-03	VE251213B26	12/13/25 19:44



Instrument Performance Check (Tune) Summary

Form 5

Volatiles

Bromofluorobenzene (BFB)

Client : Haley & Aldrich	Lab Number : L2578239
Project Name : 340 MYRTLE AVE	Project Number : 0210873-001-001-07
Instrument ID : VOA122	Analysis Date : 11/14/25 17:21
Tune Standard : WG2142111-1	Tune File ID : V22251114ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.6
75	30.0 - 80.0% of mass 95	50.6
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	0.9 (1.2)1
174	Greater than 50.0% of mass 95	79.3
175	5.0 - 9.0% of mass 174	6.1 (7.7)1
176	Greater than 95.0% but less than 101% of mass	77.2 (97.4)1
177	5.0 - 9.0% of mass 176	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
STD0.19PPB	R2036622-1	V22251114A04	11/14/25 18:51
STD0.5PPB	R2036622-2	V22251114A05	11/14/25 19:16
STD2PPB	R2036622-3	V22251114A07	11/14/25 20:05
STD10PPB	R2036622-4	V22251114A09	11/14/25 20:55
STD30PPB	R2036622-5	V22251114A10	11/14/25 21:19
STD80PPB	R2036622-6	V22251114A11	11/14/25 21:44
STD120PPB	R2036622-7	V22251114A12	11/14/25 22:09
STD200PPB	R2036622-8	V22251114A13	11/14/25 22:33
Correlation Data Summary	R2036622-9	V22251114A18	11/15/25 00:37
ICV Quant Report	R2036622-9	V22251114A18	11/15/25 00:37



Instrument Performance Check (Tune) Summary

Form 5

Volatiles

Bromofluorobenzene (BFB)

Client : Haley & Aldrich	Lab Number : L2578239
Project Name : 340 MYRTLE AVE	Project Number : 0210873-001-001-07
Instrument ID : VOA122	Analysis Date : 12/15/25 10:15
Tune Standard : WG2154825-1	Tune File ID : V22251215BBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	23.3
75	30.0 - 80.0% of mass 95	49.6
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	0.8 (.9)1
174	Greater than 50.0% of mass 95	82.4
175	5.0 - 9.0% of mass 174	6.4 (7.8)1
176	Greater than 95.0% but less than 101% of mass	81.4 (98.7)1
177	5.0 - 9.0% of mass 176	5.4 (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
WG2154825-2CCAL	WG2154825-2	V22251215B01	12/15/25 10:40
WG2154825-3LCS	WG2154825-3	V22251215B01	12/15/25 10:40
WG2154825-4LCSD	WG2154825-4	V22251215B02	12/15/25 11:04
WG2154825-5BLANK	WG2154825-5	V22251215B05	12/15/25 12:17
MW-6_20251209	L2578239-01	V22251215B06	12/15/25 12:42
WG2154825-6MS	WG2154825-6	V22251215B07	12/15/25 13:06
WG2154825-7MSD	WG2154825-7	V22251215B08	12/15/25 13:31



Internal Standard Area and RT Summary

Form 8a

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : ELAINE
 Sample No : WG2154750-2

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Analysis Date : 12/13/25 09:34:00
 Lab File ID : VE251213B01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2154750-2	207609	5.63	169400	9.12	90047	11.91
Upper Limit	415218	6.13	338800	9.62	180094	12.41
Lower Limit	103805	5.13	84700	8.62	45024	11.41
Sample ID						
WG2154750-3 LCS	207609	5.63	169400	9.12	90047	11.91
WG2154750-4 LCSD	202867	5.63	169221	9.13	88553	11.91
WG2154750-5 BLANK	181273	5.63	152448	9.13	78671	11.91
FB-01_20251209	143936	5.63	120706	9.13	61402	11.91
TB-01_20251209	147806	5.63	117608	9.13	60559	11.91

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 : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : VOA122
 Sample No : WG2154825-2

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Analysis Date : 12/15/25 10:40:00
 Lab File ID : V22251215B01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2154825-2	472150	5.71	386766	9.22	214808	11.99
Upper Limit	944300	6.21	773532	9.72	429616	12.49
Lower Limit	236075	5.21	193383	8.72	107404	11.49
Sample ID						
WG2154825-3 LCS	472150	5.71	386766	9.22	214808	11.99
WG2154825-4 LCSD	508010	5.71	402023	9.22	221793	11.99
WG2154825-5 BLANK	457830	5.71	374030	9.23	186698	11.99
MW-6_20251209	453385	5.71	354050	9.23	175849	11.99
MW-6_20251209 MS	476107	5.71	379173	9.22	204040	11.99
MW-6_20251209 MSD	502106	5.71	396370	9.22	214653	11.99

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





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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 Pace Analytical Services.



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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		
Dichlorodifluoromethane	75-71-8	5	0.244	ug/l	36-147	20	36-147	20	20			
Acetone	67-64-1	5	1.46	ug/l	58-148	20	58-148	20	20			
Carbon disulfide	75-15-0	5	0.299	ug/l	51-130	20	51-130	20	20			
2-Butanone	78-93-3	5	1.94	ug/l	63-138	20	63-138	20	20			
Vinyl acetate	108-05-4	5	0.311	ug/l	70-130	20	70-130	20	20			
4-Methyl-2-pentanone	108-10-1	5	0.416	ug/l	59-130	20	59-130	20	20			
2-Hexanone	591-78-6	5	0.515	ug/l	57-130	20	57-130	20	20			
Ethyl methacrylate	97-63-2	5	0.606	ug/l	70-130	20	70-130	20	20			
Acrylonitrile	107-13-1	5	0.43	ug/l	70-130	20	70-130	20	20			
Bromochloromethane	74-97-5	2.5	0.152	ug/l	70-130	20	70-130	20	20			
Tetrahydrofuran	109-99-9	5	0.525	ug/l	58-130	20	58-130	20	20			
2,2-Dichloropropane	594-20-7	2.5	0.204	ug/l	63-133	20	63-133	20	20			
1,2-Dibromoethane	106-93-4	2	0.193	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropane	142-28-9	2.5	0.212	ug/l	70-130	20	70-130	20	20			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.164	ug/l	64-130	20	64-130	20	20			
Bromobenzene	108-86-1	2.5	0.152	ug/l	70-130	20	70-130	20	20			
n-Butylbenzene	104-51-8	0.5	0.192	ug/l	53-136	20	53-136	20	20			
sec-Butylbenzene	135-98-8	0.5	0.181	ug/l	70-130	20	70-130	20	20			
tert-Butylbenzene	98-06-6	2.5	0.196	ug/l	70-130	20	70-130	20	20			
o-Chlorotoluene	95-49-8	2.5	0.215	ug/l	70-130	20	70-130	20	20			
p-Chlorotoluene	106-43-4	2.5	0.185	ug/l	70-130	20	70-130	20	20			
1,2-Dibromo-3-chloropropane	96-12-8	2.5	0.353	ug/l	41-144	20	41-144	20	20			
Hexachlorobutadiene	87-68-3	0.5	0.217	ug/l	63-130	20	63-130	20	20			
Isopropylbenzene	98-82-8	0.5	0.187	ug/l	70-130	20	70-130	20	20			
p-Isopropyltoluene	99-87-6	0.5	0.188	ug/l	70-130	20	70-130	20	20			
Naphthalene	91-20-3	2.5	0.216	ug/l	70-130	20	70-130	20	20			
n-Propylbenzene	103-65-1	0.5	0.173	ug/l	69-130	20	69-130	20	20			
1,2,3-Trichlorobenzene	87-61-6	2.5	0.234	ug/l	70-130	20	70-130	20	20			
1,2,4-Trichlorobenzene	120-82-1	2.5	0.22	ug/l	70-130	20	70-130	20	20			
1,3,5-Trimethylbenzene	108-67-8	2.5	0.217	ug/l	64-130	20	64-130	20	20			
1,2,4-Trimethylbenzene	95-63-6	2.5	0.191	ug/l	70-130	20	70-130	20	20			
trans-1,4-Dichloro-2-butene	110-57-6	2.5	0.213	ug/l	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2.5	0.163	ug/l	59-134	20	59-134	20	20			
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		

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Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.



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Volatiles Sample Data

Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2578239
Project Name	: 340 MYRTLE AVE	Project Number	: 0210873-001-001-07
Lab ID	: L2578239-01	Date Collected	: 12/09/25 14:45
Client ID	: MW-6_20251209	Date Received	: 12/09/25
Sample Location	: 340 MYRTLE AVE, BROOKLYN, NY	Date Analyzed	: 12/15/25 12:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V22251215B06	Instrument ID	: VOA122
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	
75-09-2	Methylene chloride	ND	2.5	0.70	U
67-66-3	Chloroform	2.4	2.5	0.70	J
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
127-18-4	Tetrachloroethene	63	0.50	0.18	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
79-01-6	Trichloroethene	0.51	0.50	0.18	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2578239
Project Name	: 340 MYRTLE AVE	Project Number	: 0210873-001-001-07
Lab ID	: L2578239-02	Date Collected	: 12/09/25 15:00
Client ID	: FB-01_20251209	Date Received	: 12/09/25
Sample Location	: 340 MYRTLE AVE, BROOKLYN, NY	Date Analyzed	: 12/13/25 19:19
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE251213B25	Instrument ID	: ELAINE
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	
75-09-2	Methylene chloride	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
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2578239
Project Name	: 340 MYRTLE AVE	Project Number	: 0210873-001-001-07
Lab ID	: L2578239-03	Date Collected	: 12/09/25 00:00
Client ID	: TB-01_20251209	Date Received	: 12/09/25
Sample Location	: 340 MYRTLE AVE, BROOKLYN, NY	Date Analyzed	: 12/13/25 19:44
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE251213B26	Instrument ID	: ELAINE
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	
75-09-2	Methylene chloride	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
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Lab ID : WG2154750-5
 Client ID : WG2154750-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VE251213B05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 12/13/25 11:11
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : ELAINE
 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
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Lab ID : WG2154825-5
 Client ID : WG2154825-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22251215B05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 12/15/25 12:17
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 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
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U



Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B25.D
 Acq On : 13 Dec 2025 7:19 pm
 Operator : ELAINE:MJV
 Sample : L2578239-02,31,10,10,,A
 Misc : WG2154750,ICAL22806 (Sig #1); WG,ICAL22806 (Sig #2)
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 15 07:27:08 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251213B\VE251213B01.D
 Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

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

Internal Standards						
1) Fluorobenzene	5.629	96	143936	10.000	ug/L	0.00
Standard Area 1 = 207609			Recovery =	69.33%		
63) Chlorobenzene-d5	9.127	117	120706	10.000	ug/L	0.00
Standard Area 1 = 169400			Recovery =	71.26%		
84) 1,4-Dichlorobenzene-d4	11.911	152	61402	10.000	ug/L	0.00
Standard Area 1 = 90047			Recovery =	68.19%		
System Monitoring Compounds						
39) Dibromofluoromethane	4.838	113	43301	10.915	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	109.15%		
47) 1,2-Dichloroethane-d4	5.353	65	58294	10.785	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	107.85%		
64) Toluene-d8	7.301	98	159279	9.860	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.60%		
88) 4-Bromofluorobenzene	10.664	95	62549	10.686	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.86%		
Target Compounds						
						Qvalue
4) Vinyl chloride	1.518	62	41	N.D.		
10) 1,1-Dichloroethene	2.682	96	48	N.D.		
15) Methylene chloride	3.194	84	106	N.D.		
30) cis-1,2-Dichloroethene	4.430	96	52	N.D.		
35) Chloroform	4.666	83	41	Below Cal	#	1
37) Carbon tetrachloride	4.707	117	41	N.D.		
40) 1,1,1-Trichloroethane	4.825	97	65	N.D.		
52) Trichloroethene	5.792	95	92	N.D.		
67) Tetrachloroethene	7.797	166	95	0.137	ug/L	# 47

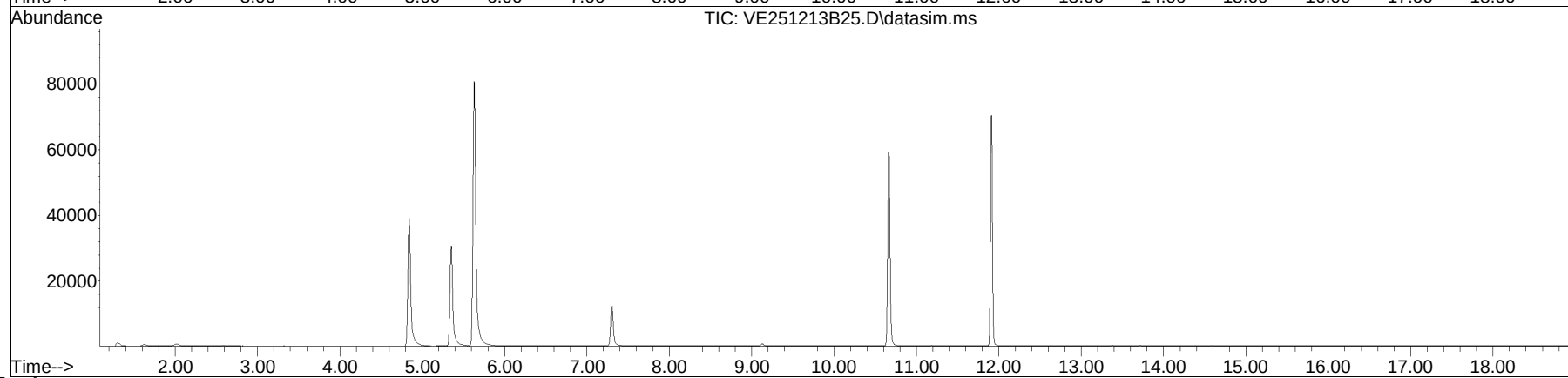
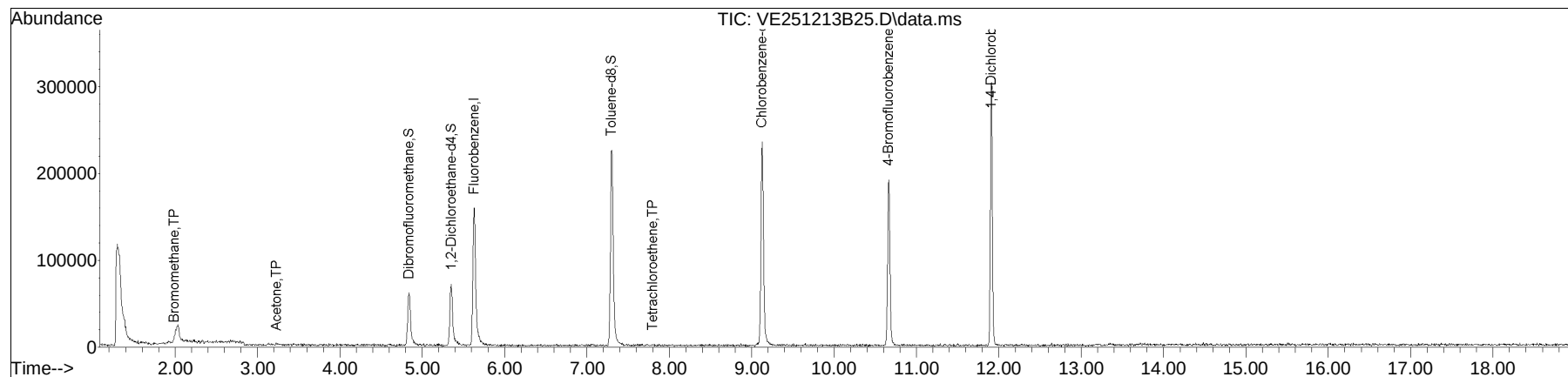
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B25.D
 Acq On : 13 Dec 2025 7:19 pm
 Operator : ELAINE:MJV
 Sample : L2578239-02,31,10,10,,A
 Misc : WG2154750,ICAL22806 (Sig #1); WG,ICAL22806 (Sig #2)
 ALS Vial : 25 Sample Multiplier: 1

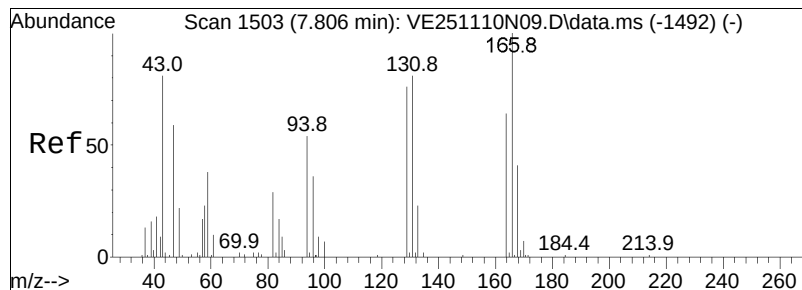
Quant Time: Dec 15 07:27:08 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist



Elaine_251111N_8260.m Tue Dec 16 17:19:23 2025

Page: 3



#67

Tetrachloroethene

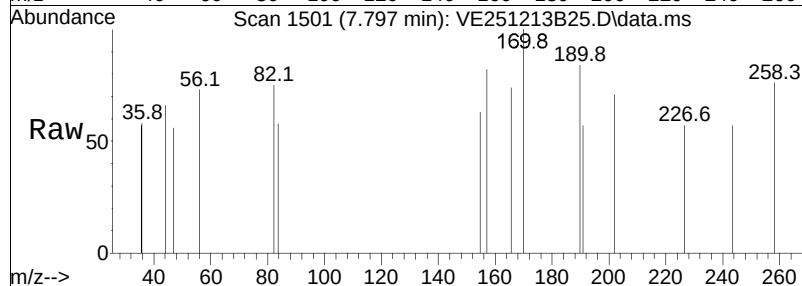
Concen: 0.14 ug/L

RT: 7.797 min Scan# 1501

Delta R.T. -0.009 min

Lab File: VE251213B25.D

Acq: 13 Dec 2025 7:19 pm



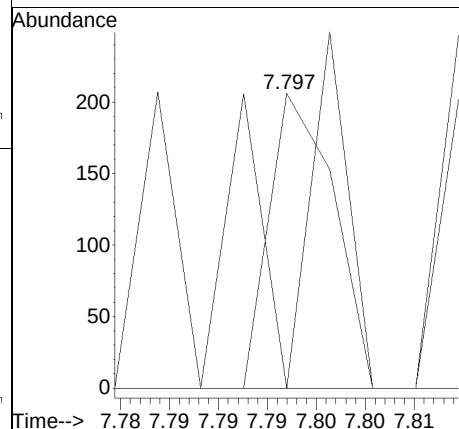
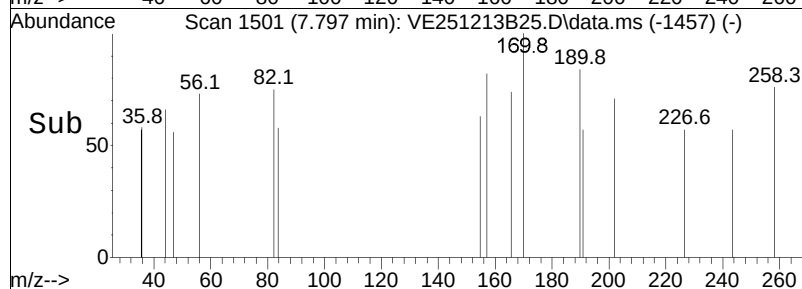
Tgt Ion:166 Resp: 95

Ion Ratio Lower Upper

166 100

168 114.7 27.8 67.8#

94 69.5 38.7 78.7



Manual Integration Report

Data Path	: K:\Elaine\2025\251213B\	QMethod	: Elaine_251111N_8260.m
Data File	: VE251213B25.D	Operator	: ELAINE:MJV
Date Inj'd	: 12/13/2025 7:19 pm	Instrument	: Elaine
Sample	: L2578239-02,31,10,10,,A	Quant Date	: 12/15/2025 5:11 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B26.D
 Acq On : 13 Dec 2025 7:44 pm
 Operator : ELAINE:MJV
 Sample : L2578239-03,31,10,10,,A
 Misc : WG2154750,ICAL22806 (Sig #1); WG,ICAL22806 (Sig #2)
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 15 07:27:34 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251213B\VE251213B01.D
 Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

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

Internal Standards						
1) Fluorobenzene	5.629	96	147806	10.000	ug/L	0.00
Standard Area 1 = 207609			Recovery = 71.19%			
63) Chlorobenzene-d5	9.131	117	117608	10.000	ug/L	0.00
Standard Area 1 = 169400			Recovery = 69.43%			
84) 1,4-Dichlorobenzene-d4	11.910	152	60559	10.000	ug/L	0.00
Standard Area 1 = 90047			Recovery = 67.25%			
System Monitoring Compounds						
39) Dibromofluoromethane	4.838	113	43486	10.674	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.74%			
47) 1,2-Dichloroethane-d4	5.353	65	57972	10.445	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.45%			
64) Toluene-d8	7.301	98	160374	10.190	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.90%			
88) 4-Bromofluorobenzene	10.659	95	63493	10.998	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.98%			
Target Compounds						
4) Vinyl chloride	1.631	62	51	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
15) Methylene chloride	3.203	84	157	N.D.		
30) cis-1,2-Dichloroethene	4.353	96	114	N.D.		
35) Chloroform	4.707	83	47	Below Cal	#	1
37) Carbon tetrachloride	4.675	117	95	N.D.		
40) 1,1,1-Trichloroethane	4.843	97	48	N.D.		
52) Trichloroethene	5.756	95	142	N.D.		
67) Tetrachloroethene	0.000		0	N.D.	d	

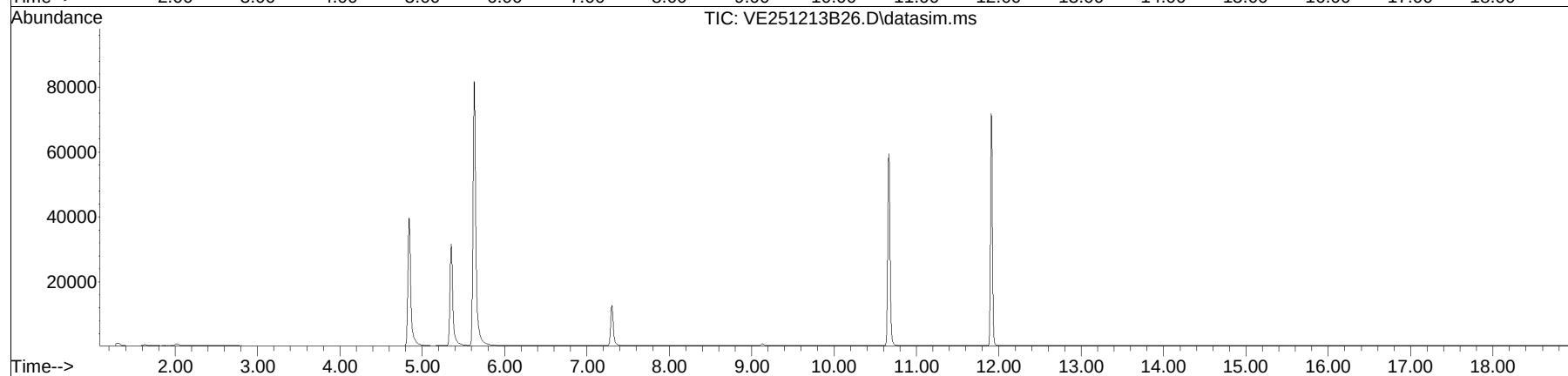
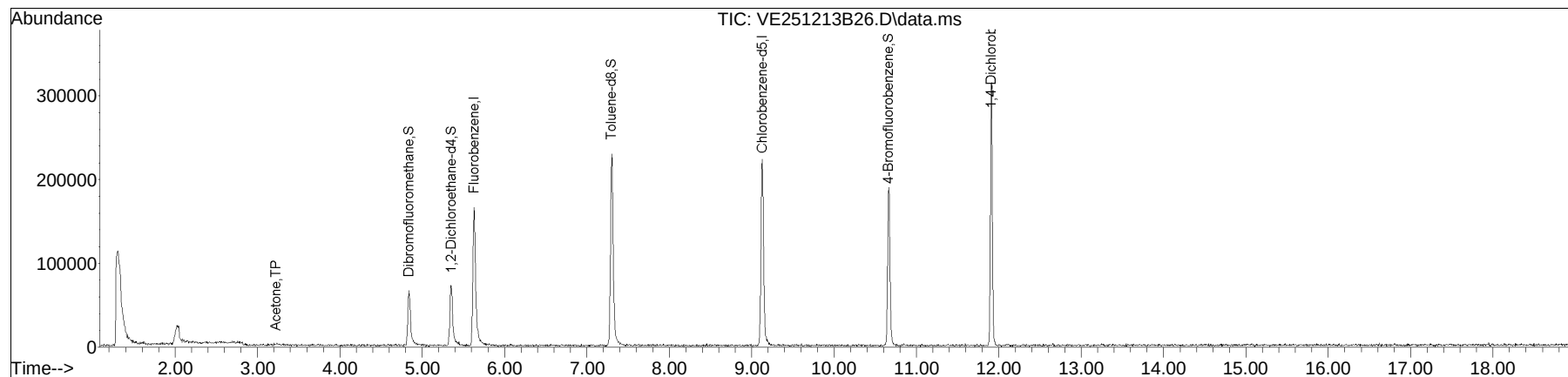
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B26.D
 Acq On : 13 Dec 2025 7:44 pm
 Operator : ELAINE:MJV
 Sample : L2578239-03,31,10,10,,A
 Misc : WG2154750,ICAL22806 (Sig #1); WG,ICAL22806 (Sig #2)
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 15 07:27:34 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist



Elaine_251111N_8260.m Tue Dec 16 17:19:28 2025

Page: 3

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B06.D
 Acq On : 15 Dec 2025 12:42 pm
 Operator : VOA122:RAW
 Sample : l2578239-01,31,10,10,,c
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 16 22:58:33 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251215B\V22251215B01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.709	96	453385	10.000	ug/L	0.00
Standard Area 1 = 472150			Recovery	=	96.03%	
62) Chlorobenzene-d5	9.225	117	354050	10.000	ug/L	0.00
Standard Area 1 = 386766			Recovery	=	91.54%	
83) 1,4-Dichlorobenzene-d4	11.992	152	175849	10.000	ug/L	0.00
Standard Area 1 = 214808			Recovery	=	81.86%	
System Monitoring Compounds						
38) Dibromofluoromethane	4.911	113	132170	10.980	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	109.80%	
46) 1,2-Dichloroethane-d4	5.423	65	117306	10.094	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.94%	
63) Toluene-d8	7.395	98	440542	9.628	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.28%	
87) 4-Bromofluorobenzene	10.753	95	142401	9.250	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	92.50%	
Target Compounds						Qvalue
4) Vinyl chloride	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
15) Methylene chloride	3.272	84	82		N.D.	
30) cis-1,2-Dichloroethene	4.480	96	569	0.095	ug/L #	86
34) Chloroform	4.739	83	24190	2.375	ug/L	97
36) Carbon tetrachloride	4.739	117	189		N.D.	
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
51) Trichloroethene	5.884	95	3198	0.513	ug/L	97
66) Tetrachloroethene	7.895	166	372432	62.646	ug/L	99

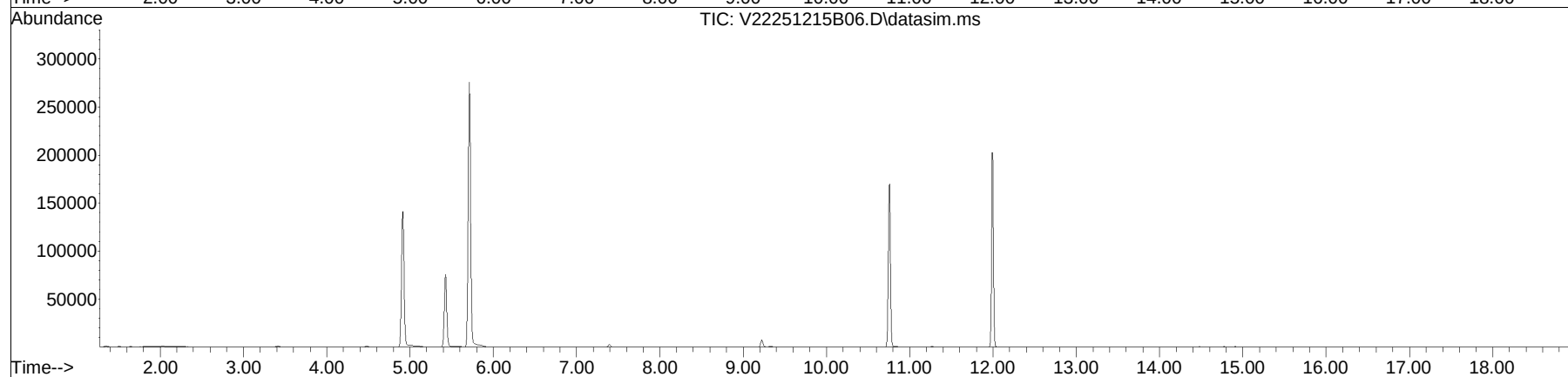
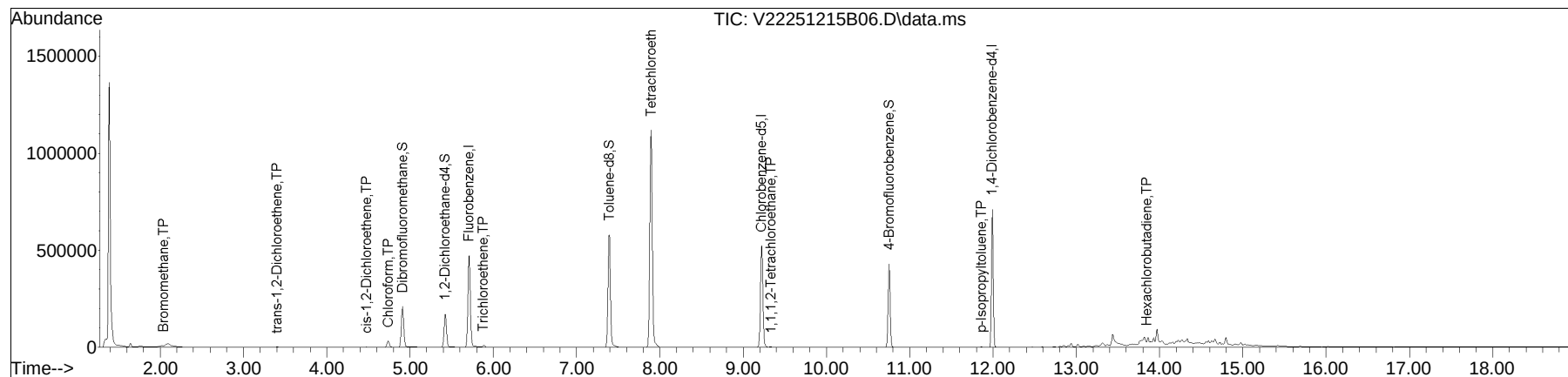
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B06.D
 Acq On : 15 Dec 2025 12:42 pm
 Operator : VOA122:RAW
 Sample : l2578239-01,31,10,10,,c
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 6 Sample Multiplier: 1

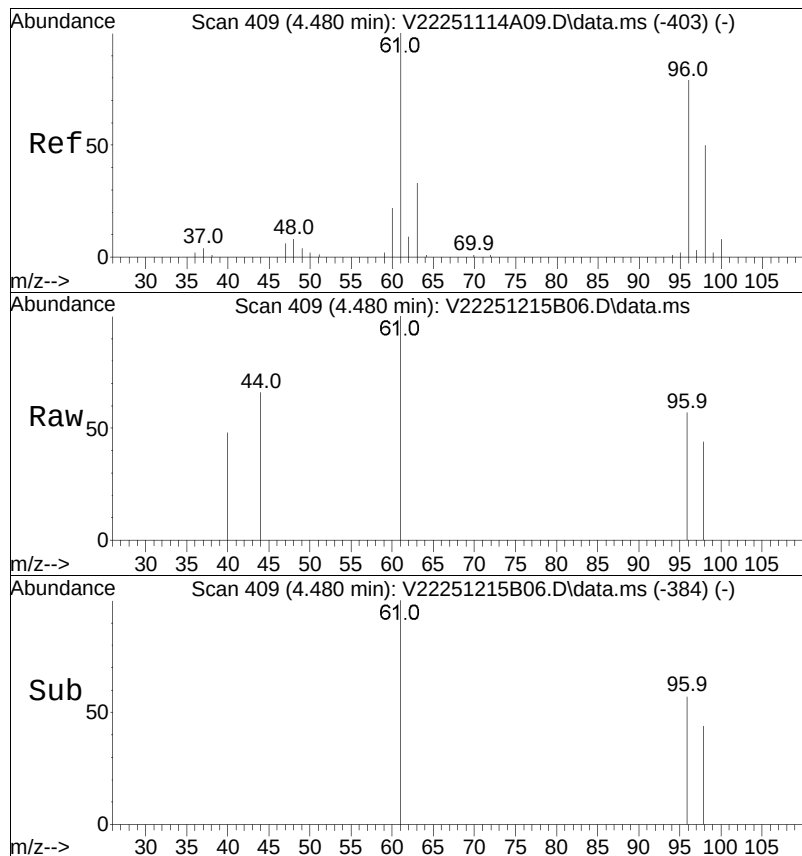
Quant Time: Dec 16 22:58:33 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251215B01.D•



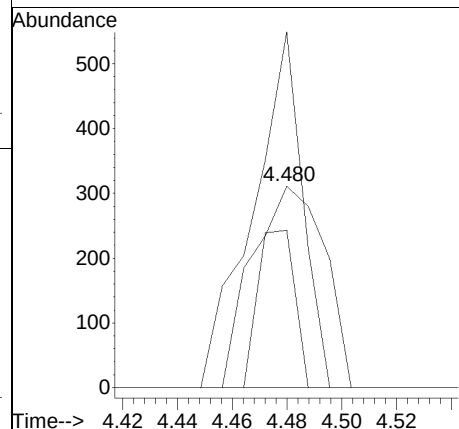
V122_251114A_8260.m Tue Dec 16 23:00:05 2025

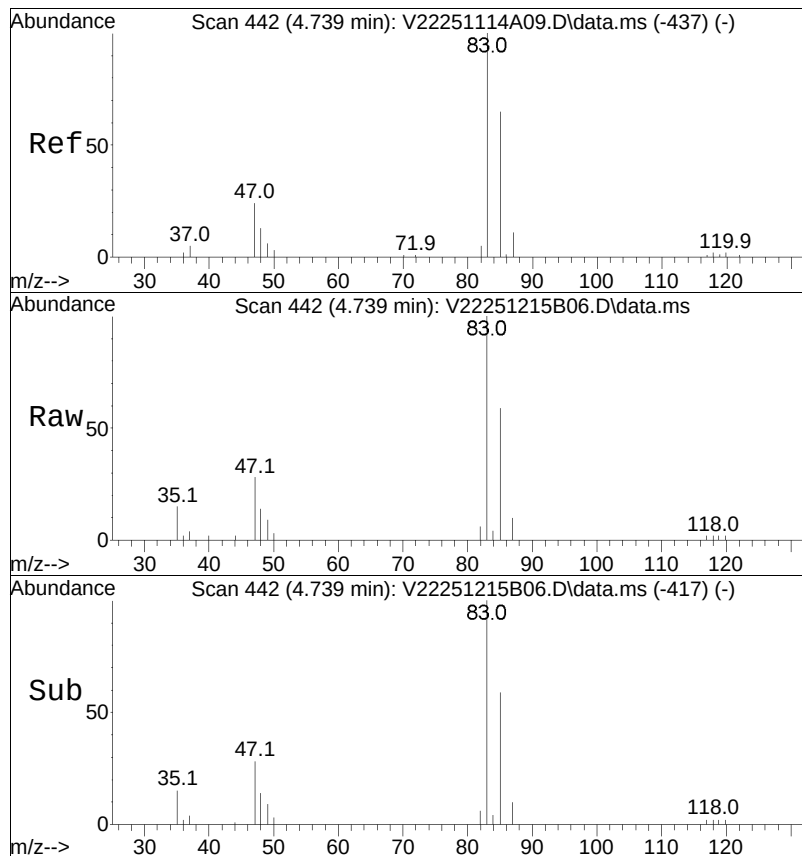
Page: 4



#30
 cis-1,2-Dichloroethene
 Concen: 0.10 ug/L
 RT: 4.480 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: V22251215B06.D
 Acq: 15 Dec 2025 12:42 pm

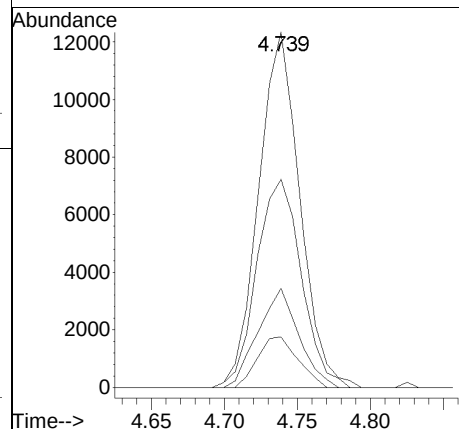
Tgt Ion: 96	Resp: 569
Ion Ratio	Lower Upper
96 100	
61 122.1	102.3 153.5
98 39.9	51.3 76.9#

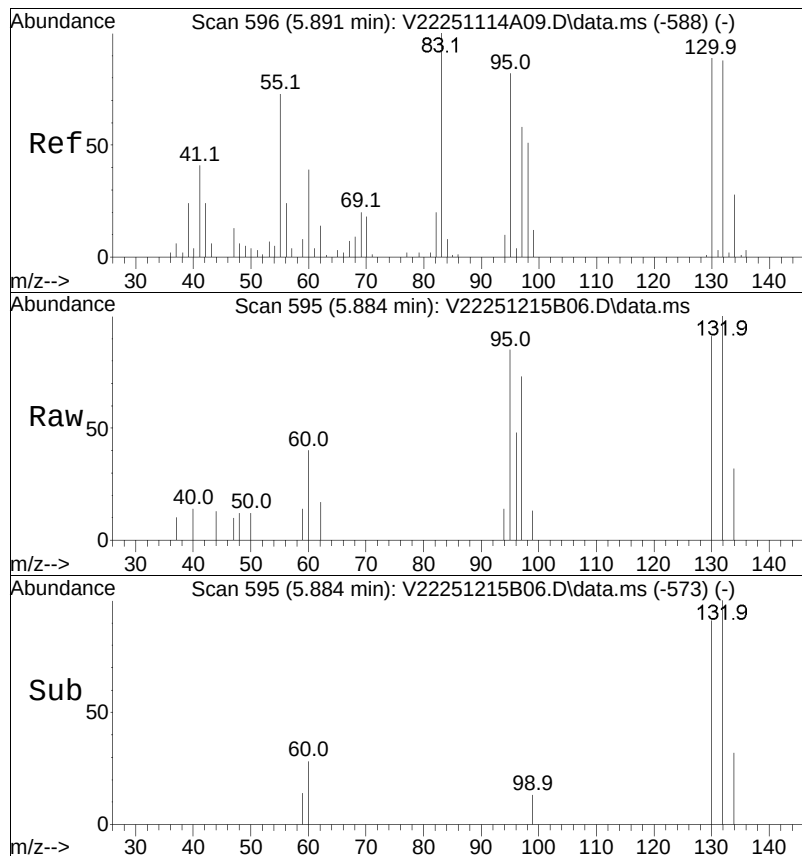




#34
 Chloroform
 Concen: 2.37 ug/L
 RT: 4.739 min Scan# 442
 Delta R.T. -0.000 min
 Lab File: V22251215B06.D
 Acq: 15 Dec 2025 12:42 pm

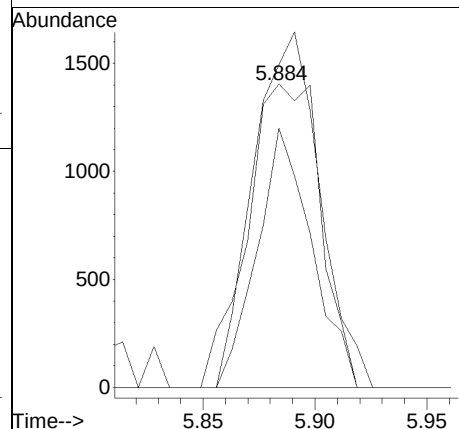
Tgt	Ion: 83	Resp:	24190
Ion	Ratio	Lower	Upper
83	100		
85	63.4	42.2	87.6
47	27.5	16.1	33.5
48	13.9	9.0	18.6

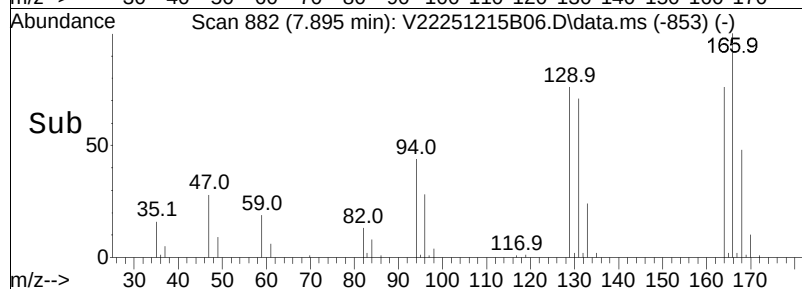
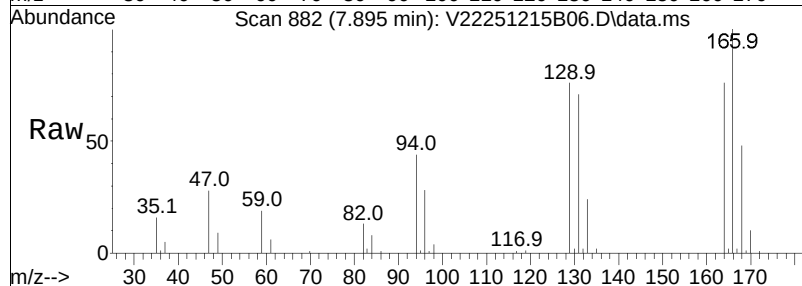
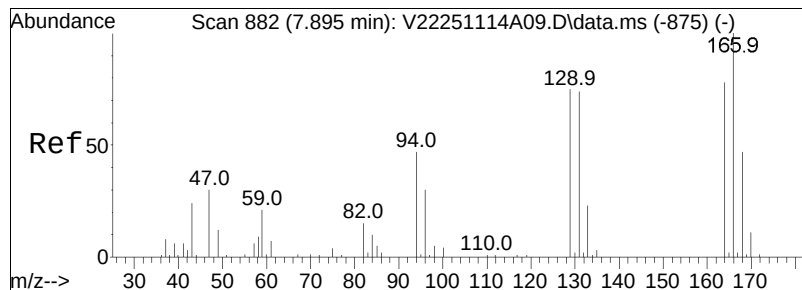




#51
 Trichloroethene
 Concen: 0.51 ug/L
 RT: 5.884 min Scan# 595
 Delta R.T. -0.007 min
 Lab File: V22251215B06.D
 Acq: 15 Dec 2025 12:42 pm

Tgt Ion:	95	Resp:	3198
Ion Ratio	Lower	Upper	
95	100		
97	63.7	54.7	82.1
130	106.3	85.9	128.9





#66

Tetrachloroethene

Concen: 62.65 ug/L

RT: 7.895 min Scan# 882

Delta R.T. 0.000 min

Lab File: V22251215B06.D

Acq: 15 Dec 2025 12:42 pm

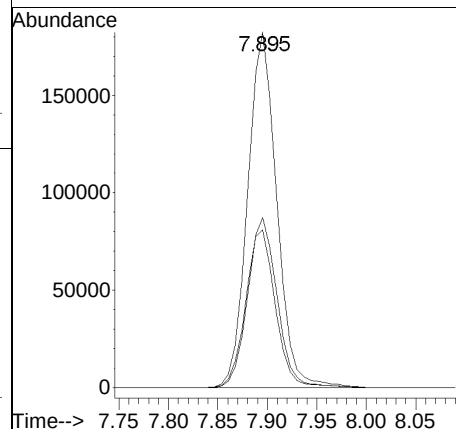
Tgt Ion:166 Resp: 372432

Ion Ratio Lower Upper

166 100

168 48.3 27.0 67.0

94 45.2 25.5 65.5



Volatiles Standards Data

Initial Calibration

Initial Calibration Summary

Form 6

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : ELAINE
 Calibration dates : 11/10/25 21:41 11/11/25 01:18

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Ical Ref : ICAL22806

Calibration Files

L11 =VE251110N04.D L1 =VE251110N05.D L2 =VE251110N07.D L3 =VE251110N09.D L4 =VE251110N10.D
 L6 =VE251110N11.D L8 =VE251110N12.D L10 =VE251110N13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.267	0.373	0.410	0.351	0.328	0.310	0.256	0.328	16.89
3) TP Chloromethane		0.437	0.499	0.506	0.453	0.403	0.392	0.377	0.438	11.60
4) TP Vinyl chloride	0.370	0.255	0.402	0.431	0.369	0.322	0.306	0.274	0.341	18.14
5) TP Bromomethane		0.146	0.139	0.148	0.151	0.162	0.168	0.180	0.156	9.29
6) TP Chloroethane		0.174	0.247	0.267	0.247	0.221	0.224	0.176	0.222	16.06
7) TP Trichlorofluor		0.279	0.471	0.515	0.429	0.395	0.391	0.346	0.404	19.37
8) TP Ethyl ether		0.119	0.117	0.130	0.131	0.137	0.144	0.146	0.132	8.71
10) TP 1,1-Dichloroet		0.180	0.229	0.262	0.243	0.222	0.218	0.207	0.223	11.64
11) TP Carbon disulfide		0.616	0.844	0.883	0.777	0.729	0.727	0.707	0.755	11.83
12) TP Freon-113		0.157	0.205	0.256	0.232	0.222	0.219	0.192	0.212	14.90
13) TP Iodomethane			0.098	0.120	0.155	0.186	0.192	0.189	*Q	0.9976
14) TP Acrolein			0.045	0.031	0.041	0.038	0.040	0.037	0.039	12.33
15) TP Methylene chlo		0.319	0.312	0.294	0.265	0.240	0.240	0.230	0.271	13.62
17) TP Acetone			0.114	0.095	0.085	0.078	0.078	0.077	0.088	16.48
18) TP trans-1,2-Dich		0.151	0.216	0.240	0.235	0.221	0.221	0.207	0.213	13.89
19) TP Methyl acetate			0.173	0.155	0.156	0.150	0.157	0.155	0.158	4.98
21) TP Methyl tert butyl ether		0.359	0.406	0.454	0.508	0.552	0.590	0.595	0.495	18.54
22) TP tert-Butyl alc			0.016	0.016	0.016	0.015	0.017	0.016	0.016	2.88
24) TP Diisopropyl ether		0.783	0.897	1.029	1.120	1.159	1.205	1.192	1.055	15.27
25) TP 1,1-Dichloroet		0.504	0.623	0.649	0.607	0.561	0.548	0.521	0.573	9.42
26) TP Halothane			0.131	0.157	0.160	0.157	0.158	0.150	0.152	7.24
27) TP Acrylonitrile		0.115	0.101	0.090	0.095	0.089	0.092	0.083	0.095	10.62
28) TP Ethyl tert-but		0.478	0.595	0.676	0.755	0.813	0.865	0.875	*Q	0.9993
29) TP Vinyl acetate		0.534	0.542	0.546	0.695	0.710	0.771	0.777	0.654	16.81
30) TP cis-1,2-Dichlo		0.229	0.249	0.279	0.274	0.258	0.254	0.244	0.256	6.70
31) TP 2,2-Dichloropr		0.232	0.343	0.395	0.408	0.391	0.394	0.365	0.361	16.90
33) TP Bromochloromet		0.101	0.137	0.125	0.115	0.107	0.102	0.097	0.112	13.14
34) TP Cyclohexane		0.370	0.498	0.623	0.613	0.617	0.610	0.519	0.550	17.17
35) TP Chloroform		0.861	0.591	0.514	0.466	0.442	0.439	0.419	*L	0.9987
36) TP Ethyl acetate		0.218	0.192	0.216	0.234	0.241	0.255	0.247	0.229	9.47
37) TP Carbon tetrachloride	0.229	0.184	0.255	0.312	0.307	0.303	0.316	0.279	0.273	17.34
38) TP Tetrahydrofuran			0.082	0.084	0.086	0.079	0.080	0.082	0.082	3.14
39) S Dibromofluoromethane	0.304	0.305	0.296	0.290	0.268	0.250	0.246	0.246	0.276	9.45
40) TP 1,1,1-Trichlor		0.233	0.322	0.386	0.388	0.371	0.373	0.345	0.345	15.88
42) TP 2-Butanone			0.111	0.109	0.112	0.108	0.110	0.109	0.110	1.38



Initial Calibration Summary

Form 6

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : ELAINE
 Calibration dates : 11/10/25 21:41 11/11/25 01:18

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Ical Ref : ICAL22806

Calibration Files

L11 =VE251110N04.D L1 =VE251110N05.D L2 =VE251110N07.D L3 =VE251110N09.D L4 =VE251110N10.D
 L6 =VE251110N11.D L8 =VE251110N12.D L10 =VE251110N13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
43) TP 1,1-Dichloropr		0.186	0.247	0.303	0.333	0.334	0.335	0.308	0.292	19.22
45) TP Benzene	0.796	0.755	0.917	0.987	1.001	0.985	1.002	0.974	0.927	10.56
46) TP Tertiary-Amyl Methyl Ether		0.379	0.415	0.457	0.515	0.537	0.568	0.572	0.492	15.45
47) S 1,2-Dichloroethane-d4	0.393	0.377	0.388	0.390	0.419	0.335	0.344	0.357	0.376	7.52
48) T 1,2-Dichloroethane	0.398	0.356	0.377	0.380	0.393	0.386	0.394	0.382	0.383	3.48
51) TP Methyl cyclohe			0.304	0.372	0.401	0.414	0.417	0.361	0.378	11.35
52) TP Trichloroethene	0.181	0.201	0.210	0.232	0.237	0.243	0.247	0.238	0.224	10.52
54) TP Dibromomethane		0.131	0.137	0.139	0.143	0.137	0.140	0.137	0.138	2.58
55) TP 1,2-Dichloropr		0.265	0.265	0.291	0.312	0.310	0.313	0.300	0.294	7.21
57) TP 2-Chloroethyl		0.094	0.099	0.115	0.130	0.135	0.140	0.116	0.118	14.99
58) TP Bromodichlorom		0.244	0.303	0.307	0.345	0.343	0.347	0.339	0.318	11.77
61) TP 1,4-Dioxane		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	9.00
62) TP cis-1,3-Dichloropropene	0.286	0.251	0.293	0.346	0.391	0.408	0.417	0.405	0.350	18.61
63) I Chlorobenzene-d5	-----ISTD-----									
64) S Toluene-d8	1.318	1.344	1.331	1.366	1.357	1.383	1.312	1.295	1.338	2.22
65) TP Toluene		0.647	0.727	0.784	0.774	0.771	0.760	0.729	0.742	6.35
66) TP 4-Methyl-2-pen			0.088	0.090	0.097	0.100	0.103	0.097	0.096	6.14
67) TP Tetrachloroethene	0.135	0.187	0.231	0.276	0.271	0.277	0.275	0.257	*L	0.9987
69) TP trans-1,3-Dichloropropene	0.185	0.360	0.319	0.378	0.434	0.472	0.475	0.465	*Q	0.9987
71) TP Ethyl methacry		0.289	0.266	0.312	0.335	0.326	0.323	0.306	0.308	7.71
72) TP 1,1,2-Trichlor		0.177	0.163	0.182	0.201	0.210	0.212	0.205	0.193#	9.73
73) TP Chlorodibromom		0.185	0.205	0.243	0.272	0.303	0.308	0.300	0.259	19.16
74) TP 1,3-Dichloropr		0.364	0.369	0.414	0.450	0.476	0.475	0.451	0.428	11.02
75) TP 1,2-Dibromoethane		0.234	0.201	0.212	0.233	0.244	0.245	0.233	0.229	7.20
77) TP 2-Hexanone		0.248	0.217	0.222	0.237	0.239	0.232	0.214	0.230	5.47
78) TP Chlorobenzene		0.680	0.810	0.884	0.865	0.871	0.863	0.838	0.830	8.47
79) TP Ethylbenzene		1.229	1.467	1.686	1.663	1.643	1.606	1.555	1.550	10.31
80) TP 1,1,1,2-Tetrac		0.157	0.223	0.240	0.264	0.291	0.294	0.292	0.252	19.89
81) TP p/m Xylene		0.478	0.575	0.651	0.614	0.627	0.629	0.664	0.605	10.40
82) TP o Xylene		0.436	0.582	0.626	0.616	0.634	0.640	0.666	0.600	12.78
83) TP Styrene		0.759	0.975	1.031	1.063	1.127	1.149	1.229	1.047	14.50
84) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
85) TP Bromoform		0.174	0.239	0.235	0.290	0.313	0.345	0.341	*Q	0.9982
87) TP Isopropylbenzene		2.132	2.634	3.033	3.072	3.140	3.278	3.094	2.912	13.63
88) S 4-Bromofluorobenzene	1.017	1.014	0.983	0.953	0.916	0.911	0.923	0.909	0.953	4.79
89) TP Bromobenzene		0.559	0.611	0.609	0.602	0.621	0.631	0.601	0.605	3.77



Initial Calibration Summary

Form 6

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : ELAINE
 Calibration dates : 11/10/25 21:41 11/11/25 01:18

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Ical Ref : ICAL22806

Calibration Files

L11 =VE251110N04.D L1 =VE251110N05.D L2 =VE251110N07.D L3 =VE251110N09.D L4 =VE251110N10.D
 L6 =VE251110N11.D L8 =VE251110N12.D L10 =VE251110N13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
90) TP n-Propylbenzene	2.587	3.551	3.834	3.872	3.923	4.072	3.838	3.668	13.66	
91) TP 1,4-Dichlorobu	1.064	1.169	1.147	1.217	1.238	1.290	1.229	1.193	6.18	
92) TP 1,1,2,2-Tetrachloroethane	0.601	0.584	0.555	0.529	0.554	0.522	0.543	0.508	0.549	5.69
93) TP 4-Ethyltoluene	2.139	2.791	3.002	3.008	2.996	3.107	2.985	2.861	11.61	
94) TP 2-Chlorotoluene	2.087	2.192	2.330	2.207	2.138	2.313	2.205	2.210	3.96	
95) TP 1,3,5-Trimethy	1.809	2.371	2.597	2.688	2.775	2.865	2.843	2.564	14.56	
96) TP 1,2,3-Trichlor	0.502	0.464	0.455	0.479	0.487	0.520	0.513	0.489	5.03	
97) TP trans-1,4-Dich	0.268	0.226	0.233	0.252	0.249	0.262	0.241	0.247	6.12	
98) TP 4-Chlorotoluene	1.754	2.189	2.340	2.326	2.323	2.406	2.311	2.235	9.92	
99) TP tert-Butylbenzene	1.575	1.920	2.199	2.193	2.225	2.283	2.155	2.079	12.03	
102) TP 1,2,4-Trimethy	1.881	2.275	2.610	2.678	2.804	2.847	2.805	2.557	13.93	
103) TP sec-Butylbenzene	2.158	2.956	3.393	3.366	3.491	3.566	3.353	3.183	15.45	
104) TP p-Isopropyltol	1.660	2.415	2.758	2.866	2.969	3.025	2.981	2.668	18.39	
105) TP 1,3-Dichlorobe	1.082	1.287	1.354	1.385	1.375	1.397	1.392	1.325	8.55	
106) TP 1,4-Dichlorobe	1.145	1.302	1.333	1.337	1.333	1.367	1.378	1.314	5.97	
107) TP p-Diethylbenzene	1.057	1.330	1.657	1.689	1.725	1.799	1.785	1.577	17.64	
108) TP n-Butylbenzene	1.691	2.284	2.769	2.829	2.850	2.936	2.825	2.598	17.45	
109) TP 1,2-Dichlorobe	0.979	1.175	1.283	1.310	1.266	1.300	1.299	1.230	9.74	
110) TP 1,2,4,5-Tetram		2.021	2.609	2.675	2.781	3.014	2.903	2.667	13.10	
111) TP 1,2-Dibromo-3-	0.034	0.066	0.079	0.079	0.081	0.086	0.080	*L	0.9992	
112) TP 1,3,5-Trichlor	0.564	0.791	0.832	0.848	0.857	0.897	0.867	0.808	13.91	
113) TP Hexachlorobuta	0.111	0.170	0.212	0.214	0.220	0.223	0.201	*L	0.9977	
114) TP 1,2,4-Trichlor	0.544	0.578	0.677	0.692	0.715	0.736	0.721	0.666	11.23	
115) TP Naphthalene	1.141	1.323	1.649	1.787	1.886	1.975	1.862	1.660	18.89	
116) TP 1,2,3-Trichlor	0.466	0.504	0.568	0.609	0.635	0.661	0.625	0.581	12.48	



Initial Calibration Summary

Form 6

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : VOA122
 Calibration dates : 11/14/25 18:51 11/14/25 22:33

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Ical Ref : ICAL22815

Calibration Files

L11 =V22251114A04.D L1 =V22251114A05.D L2 =V22251114A07.D L3 =V22251114A09.D L4 =V22251114A10.D
 L6 =V22251114A11.D L8 =V22251114A12.D L10 =V22251114A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.107	0.170	0.169	0.193	0.190	0.179	0.180	0.170	17.13
3) TP Chloromethane		0.149	0.170	0.172	0.174	0.168	0.159	0.159	0.164	5.48
4) TP Vinyl chloride	0.157	0.140	0.200	0.201	0.210	0.201	0.190	0.187	0.186	13.19
5) TP Bromomethane		0.135	0.128	0.126	0.129	0.130	0.130	0.134	0.130	2.45
6) TP Chloroethane		0.169	0.161	0.143	0.146	0.138	0.124	0.109	0.142	14.66
7) TP Trichlorofluor		0.124	0.185	0.185	0.208	0.203	0.196	0.196	0.185	15.29
8) TP Ethyl ether		0.041	0.049	0.052	0.054	0.053	0.054	0.054	0.051	9.15
10) TP 1,1-Dichloroet		0.078	0.110	0.114	0.121	0.120	0.116	0.118	0.111	13.61
11) TP Carbon disulfide		0.279	0.387	0.388	0.402	0.397	0.385	0.393	0.376	11.51
12) TP Freon-113		0.074	0.103	0.102	0.118	0.117	0.113	0.121	0.107	15.17
13) TP Iodomethane		0.098	0.143	0.173	0.185	0.184	0.178	0.175	0.162	19.57
14) TP Acrolein			0.011	0.010	0.010	0.010	0.010	0.010	0.010#	5.64
15) TP Methylene chlo		0.128	0.132	0.132	0.131	0.127	0.127	0.126	0.129	1.90
17) TP Acetone			0.034	0.020	0.017	0.016	0.017	0.016	*L	0.9994
18) TP trans-1,2-Dich		0.101	0.123	0.127	0.129	0.128	0.129	0.131	0.124	8.26
19) TP Methyl acetate			0.051	0.042	0.040	0.040	0.043	0.041	0.043	9.73
21) TP Methyl tert butyl ether		0.199	0.207	0.228	0.240	0.236	0.244	0.242	0.228	7.95
22) TP tert-Butyl alc			0.004	0.005	0.005	0.005	0.005	0.005	0.005#	5.38
24) TP Diisopropyl ether		0.281	0.306	0.308	0.323	0.331	0.327	0.330	0.315	5.74
25) TP 1,1-Dichloroet		0.193	0.220	0.227	0.234	0.230	0.227	0.230	0.223#	6.22
26) TP Halothane		0.073	0.094	0.093	0.098	0.098	0.096	0.102	0.093	9.96
27) TP Acrylonitrile		0.026	0.022	0.023	0.025	0.024	0.025	0.024	0.024	5.54
28) TP Ethyl tert-but		0.243	0.257	0.270	0.286	0.292	0.306	0.303	0.280	8.55
29) TP Vinyl acetate			0.154	0.149	0.168	0.165	0.173	0.197	0.168	9.96
30) TP cis-1,2-Dichlo		0.104	0.135	0.135	0.138	0.137	0.135	0.136	0.132#	9.12
31) TP 2,2-Dichloropr		0.158	0.176	0.173	0.177	0.177	0.173	0.177	0.173	3.93
32) TP Bromochloromet		0.052	0.061	0.063	0.065	0.063	0.062	0.060	0.061#	6.56
33) TP Cyclohexane		0.166	0.204	0.192	0.229	0.238	0.232	0.241	0.215	13.06
34) TP Chloroform		0.247	0.231	0.218	0.217	0.218	0.219	0.222	0.225#	4.91
35) TP Ethyl acetate			0.056	0.058	0.059	0.059	0.062	0.059	0.059	3.58
36) TP Carbon tetrachloride	0.120	0.131	0.173	0.179	0.196	0.196	0.191	0.197	0.173	17.73
37) TP Tetrahydrofuran			0.021	0.018	0.018	0.017	0.018	0.018	0.018	7.61
38) S Dibromofluoromethane	0.268	0.266	0.271	0.267	0.260	0.260	0.265	0.266	0.265	1.42
39) TP 1,1,1-Trichlor		0.148	0.189	0.197	0.209	0.208	0.204	0.208	0.195	11.20
41) TP 2-Butanone			0.019	0.022	0.024	0.024	0.025	0.024	0.023	9.21



Initial Calibration Summary

Form 6

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : VOA122
 Calibration dates : 11/14/25 18:51 11/14/25 22:33

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Ical Ref : ICAL22815

Calibration Files

L11 =V22251114A04.D L1 =V22251114A05.D L2 =V22251114A07.D L3 =V22251114A09.D L4 =V22251114A10.D
 L6 =V22251114A11.D L8 =V22251114A12.D L10 =V22251114A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
42) TP 1,1-Dichloropr	0.114	0.149	0.161	0.173	0.180	0.176	0.179	0.162	0.162	14.64
44) TP Benzene	0.296	0.269	0.311	0.310	0.328	0.329	0.319	0.321	0.310	6.44
45) TP Tertiary-Amyl Methyl Ether	0.217	0.218	0.229	0.243	0.252	0.261	0.256	0.240	0.240	7.55
46) S 1,2-Dichloroethane-d4	0.253	0.256	0.249	0.256	0.253	0.254	0.265	0.266	0.256	2.40
47) T 1,2-Dichloroethane-d4	0.144	0.122	0.127	0.132	0.135	0.137	0.139	0.137	0.134	5.18
50) TP Methyl cyclohe	0.191	0.187	0.240	0.250	0.246	0.254	0.228	0.228	0.228	13.34
51) TP Trichloroethene	0.136	0.114	0.125	0.131	0.144	0.151	0.148	0.151	0.138#	9.78
53) TP Dibromomethane	0.053	0.057	0.061	0.066	0.066	0.067	0.066	0.066	0.062	9.04
54) TP 1,2-Dichloropr	0.094	0.107	0.126	0.133	0.132	0.132	0.133	0.122#	0.122#	12.87
56) TP 2-Chloroethyl	0.040	0.045	0.050	0.051	0.051	0.052	0.050	0.049	0.049	8.94
57) TP Bromodichlorom	0.108	0.105	0.114	0.120	0.119	0.118	0.116	0.114#	0.114#	5.08
60) TP 1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	0.001#	10.08
61) TP cis-1,3-Dichloropropene	0.135	0.151	0.160	0.174	0.194	0.196	0.198	0.198	0.176#	14.05
62) I Chlorobenzene-d5	-----ISTD-----									
63) S Toluene-d8	1.302	1.303	1.309	1.304	1.283	1.291	1.274	1.273	1.292	1.10
64) TP Toluene	0.314	0.384	0.397	0.419	0.422	0.415	0.422	0.396	0.396	9.87
65) TP 4-Methyl-2-pen	0.024	0.028	0.029	0.031	0.031	0.031	0.029	0.029#	0.029#	9.26
66) TP Tetrachloroethene	0.119	0.119	0.169	0.174	0.188	0.192	0.189	0.193	0.168	18.56
68) TP trans-1,3-Dichloropropene	0.148	0.150	0.156	0.178	0.199	0.206	0.207	0.204	0.181#	14.52
70) TP Ethyl methacry	0.126	0.118	0.126	0.133	0.133	0.135	0.129	0.128	0.128	4.57
71) TP 1,1,2-Trichlor	0.092	0.077	0.086	0.093	0.096	0.097	0.095	0.091#	0.091#	7.84
72) TP Chlorodibromom	0.113	0.123	0.137	0.151	0.156	0.157	0.156	0.142#	0.142#	12.55
73) TP 1,3-Dichloropr	0.151	0.164	0.177	0.192	0.193	0.194	0.189	0.180	0.180	9.29
74) TP 1,2-Dibromoethane	0.088	0.101	0.106	0.114	0.115	0.117	0.113	0.108#	0.108#	9.59
76) TP 2-Hexanone	0.051	0.053	0.050	0.054	0.054	0.054	0.049	0.052	0.052	4.45
77) TP Chlorobenzene	0.392	0.444	0.452	0.471	0.472	0.458	0.462	0.450	0.450	6.09
78) TP Ethylbenzene	0.675	0.786	0.817	0.853	0.860	0.828	0.833	0.807	0.807	7.85
79) TP 1,1,1,2-Tetrac	0.120	0.143	0.150	0.164	0.168	0.166	0.166	0.154	0.154	11.51
80) TP p/m Xylene	0.251	0.321	0.330	0.346	0.353	0.341	0.350	0.327	0.327	10.86
81) TP o Xylene	0.261	0.302	0.314	0.332	0.340	0.328	0.335	0.316	0.316	8.70
82) TP Styrene	0.428	0.484	0.514	0.547	0.557	0.538	0.542	0.516	0.516	8.91
83) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
84) TP Bromoform	0.135	0.126	0.138	0.155	0.169	0.172	0.177	0.153	0.153	13.22
86) TP Isopropylbenzene	1.175	1.502	1.530	1.633	1.657	1.606	1.612	1.531	1.531	10.88
87) S 4-Bromofluorobenzene	0.898	0.891	0.886	0.882	0.882	0.862	0.852	0.851	0.875	2.07
88) TP Bromobenzene	0.289	0.314	0.329	0.350	0.354	0.349	0.353	0.334	0.334	7.48



Initial Calibration Summary

Form 6

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : VOA122
 Calibration dates : 11/14/25 18:51 11/14/25 22:33

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Ical Ref : ICAL22815

Calibration Files

L11 =V22251114A04.D L1 =V22251114A05.D L2 =V22251114A07.D L3 =V22251114A09.D L4 =V22251114A10.D
 L6 =V22251114A11.D L8 =V22251114A12.D L10 =V22251114A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
89) TP n-Propylbenzene	1.432	1.772	1.819	1.959	1.997	1.920	1.921	1.831	10.53	
90) TP 1,4-Dichlorobu	0.379	0.321	0.320	0.341	0.352	0.356	0.355	0.346	6.10	
91) TP 1,1,2,2-Tetrachloroethane	0.241	0.215	0.210	0.216	0.234	0.236	0.234	0.233	0.227	5.19
92) TP 4-Ethyltoluene	1.209	1.463	1.514	1.624	1.631	1.570	1.563	1.511	9.64	
93) TP 2-Chlorotoluene	0.926	1.045	1.050	1.106	1.124	1.019	1.044	1.045	6.16	
94) TP 1,3,5-Trimethy	1.038	1.240	1.280	1.371	1.393	1.340	1.347	1.287	9.45	
95) TP 1,2,3-Trichlor	0.164	0.164	0.179	0.185	0.190	0.194	0.186	0.180	6.62	
96) TP trans-1,4-Dich	0.067	0.058	0.060	0.064	0.067	0.068	0.065	0.064	5.71	
97) TP 4-Chlorotoluene	0.947	1.067	1.086	1.148	1.158	1.116	1.119	1.091	6.53	
98) TP tert-Butylbenzene	0.871	1.054	1.084	1.184	1.206	1.161	1.168	1.104	10.54	
101) TP 1,2,4-Trimethy	1.027	1.190	1.236	1.331	1.343	1.305	1.301	1.248	8.91	
102) TP sec-Butylbenzene	0.745	0.873	0.918	0.982	0.959	0.905	0.899	0.897	8.55	
103) TP p-Isopropyltol	0.991	1.284	1.362	1.484	1.508	1.434	1.414	1.354	13.05	
104) TP 1,3-Dichlorobe	0.590	0.670	0.696	0.733	0.736	0.716	0.712	0.693	7.34	
105) TP 1,4-Dichlorobe	0.605	0.660	0.678	0.714	0.723	0.703	0.703	0.684	5.94	
106) TP p-Diethylbenzene	0.572	0.728	0.771	0.845	0.872	0.844	0.846	0.783	13.52	
107) TP n-Butylbenzene	0.925	1.105	1.156	1.279	1.296	1.236	1.228	1.175	10.98	
108) TP 1,2-Dichlorobe	0.522	0.579	0.594	0.634	0.640	0.627	0.618	0.602	6.90	
109) TP 1,2,4,5-Tetram	0.835	0.975	1.037	1.123	1.150	1.122	1.134	1.054	10.93	
110) TP 1,2-Dibromo-3-	0.022	0.031	0.035	0.037	0.038	0.039	0.037	0.034	17.07	
111) TP 1,3,5-Trichlor	0.340	0.380	0.387	0.416	0.419	0.412	0.417	0.396	7.39	
112) TP Hexachlorobuta	0.108	0.123	0.123	0.145	0.150	0.147	0.155	0.136	13.00	
113) TP 1,2,4-Trichlor	0.280	0.305	0.312	0.342	0.347	0.350	0.347	0.326#	8.31	
114) TP Naphthalene	0.662	0.654	0.701	0.742	0.727	0.734	0.708	0.704	4.91	
115) TP 1,2,3-Trichlor	0.238	0.245	0.260	0.281	0.282	0.286	0.279	0.267#	7.35	



Response Factor Report Elaine

Method Path : K:\Elaine\2025\251110NICAL\
 Method File : Elaine_251111N_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Wed Nov 12 12:15:18 2025
 Response Via : Initial Calibration

Calibration Files

L11 =VE251110N04.D L1 =VE251110N05.D L2 =VE251110N07.D L3 =VE251110N09.D L4 =VE251110N10.D
 L6 =VE251110N11.D L8 =VE251110N12.D L10 =VE251110N13.D

Compound		L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
-----ISTD-----											
1) I	Fluorobenzene										
2) TP	Dichlorodifluo...	0.267	0.373	0.410	0.351	0.328	0.310	0.256	0.328	16.89	
3) TP	Chloromethane	0.437	0.499	0.506	0.453	0.403	0.392	0.377	0.438	11.60	
4) TP	Vinyl chloride	0.370 0.255	0.402	0.431	0.369	0.322	0.306	0.274	0.341	18.14	
5) TP	Bromomethane	0.146	0.139	0.148	0.151	0.162	0.168	0.180	0.156	9.29	
6) TP	Chloroethane	0.174	0.247	0.267	0.247	0.221	0.224	0.176	0.222	16.06	
7) TP	Trichlorofluor...	0.279	0.471	0.515	0.429	0.395	0.391	0.346	0.404	19.37	
8) TP	Ethyl ether	0.119	0.117	0.130	0.131	0.137	0.144	0.146	0.132	8.71	
10) TP	1,1-Dichloroet...	0.180	0.229	0.262	0.243	0.222	0.218	0.207	0.223	11.64	
11) TP	Carbon disulfide	0.616	0.844	0.883	0.777	0.729	0.727	0.707	0.755	11.83	
12) TP	Freon-113	0.157	0.205	0.256	0.232	0.222	0.219	0.192	0.212	14.90	
13) TP	Iodomethane		0.098	0.120	0.155	0.186	0.192	0.189	*Q	0.9976	
14) TP	Acrolein		0.045	0.031	0.041	0.038	0.040	0.037	0.039	12.33	
15) TP	Methylene chlo...	0.319	0.312	0.294	0.265	0.240	0.240	0.230	0.271	13.62	
17) TP	Acetone		0.114	0.095	0.085	0.078	0.078	0.077	0.088	16.48	
18) TP	trans-1,2-Dich...	0.151	0.216	0.240	0.235	0.221	0.221	0.207	0.213	13.89	
19) TP	Methyl acetate		0.173	0.155	0.156	0.150	0.157	0.155	0.158	4.98	
21) TP	Methyl tert-bu...	0.359	0.406	0.454	0.508	0.552	0.590	0.595	0.495	18.54	
22) TP	tert-Butyl alc...		0.016	0.016	0.016	0.015	0.017	0.016	0.016	2.88	
24) TP	Diisopropyl ether	0.783	0.897	1.029	1.120	1.159	1.205	1.192	1.055	15.27	
25) TP	1,1-Dichloroet...	0.504	0.623	0.649	0.607	0.561	0.548	0.521	0.573	9.42	
26) TP	Halothane		0.131	0.157	0.160	0.157	0.158	0.150	0.152	7.24	
27) TP	Acrylonitrile	0.115	0.101	0.090	0.095	0.089	0.092	0.083	0.095	10.62	
28) TP	Ethyl tert-but...	0.478	0.595	0.676	0.755	0.813	0.865	0.875	*Q	0.9993	
29) TP	Vinyl acetate	0.534	0.542	0.546	0.695	0.710	0.771	0.777	0.654	16.81	
30) TP	cis-1,2-Dichlo...	0.229	0.249	0.279	0.274	0.258	0.254	0.244	0.256	6.70	
31) TP	2,2-Dichloropr...	0.232	0.343	0.395	0.408	0.391	0.394	0.365	0.361	16.90	
33) TP	Bromochloromet...	0.101	0.137	0.125	0.115	0.107	0.102	0.097	0.112	13.14	
34) TP	Cyclohexane	0.370	0.498	0.623	0.613	0.617	0.610	0.519	0.550	17.17	
35) TP	Chloroform	0.861	0.591	0.514	0.466	0.442	0.439	0.419	*L	0.9987	
36) TP	Ethyl acetate	0.218	0.192	0.216	0.234	0.241	0.255	0.247	0.229	9.47	

Response Factor Report Elaine

Method Path : K:\Elaine\2025\251110NICAL\
 Method File : Elaine_251111N_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Wed Nov 12 12:15:18 2025
 Response Via : Initial Calibration

Calibration Files

L11 =VE251110N04.D L1 =VE251110N05.D L2 =VE251110N07.D L3 =VE251110N09.D L4 =VE251110N10.D
 L6 =VE251110N11.D L8 =VE251110N12.D L10 =VE251110N13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
37)	TP Carbon tetrach...	0.229	0.184	0.255	0.312	0.307	0.303	0.316	0.279	0.273	17.34
38)	TP Tetrahydrofuran			0.082	0.084	0.086	0.079	0.080	0.082	0.082	3.14
39)	S Dibromofluorom...	0.304	0.305	0.296	0.290	0.268	0.250	0.246	0.246	0.276	9.45
40)	TP 1,1,1-Trichlor...		0.233	0.322	0.386	0.388	0.371	0.373	0.345	0.345	15.88
42)	TP 2-Butanone			0.111	0.109	0.112	0.108	0.110	0.109	0.110	1.38
43)	TP 1,1-Dichloropr...		0.186	0.247	0.303	0.333	0.334	0.335	0.308	0.292	19.22
45)	TP Benzene	0.796	0.755	0.917	0.987	1.001	0.985	1.002	0.974	0.927	10.56
46)	TP tert-Amyl meth...		0.379	0.415	0.457	0.515	0.537	0.568	0.572	0.492	15.45
47)	S 1,2-Dichloroet...	0.393	0.377	0.388	0.390	0.419	0.335	0.344	0.357	0.376	7.52
48)	T 1,2-Dichloroet...	0.398	0.356	0.377	0.380	0.393	0.386	0.394	0.382	0.383	3.48
51)	TP Methyl cyclohe...			0.304	0.372	0.401	0.414	0.417	0.361	0.378	11.35
52)	TP Trichloroethene	0.181	0.201	0.210	0.232	0.237	0.243	0.247	0.238	0.224	10.52
54)	TP Dibromomethane		0.131	0.137	0.139	0.143	0.137	0.140	0.137	0.138	2.58
55)	TP 1,2-Dichloropr...		0.265	0.265	0.291	0.312	0.310	0.313	0.300	0.294	7.21
57)	TP 2-Chloroethyl ...		0.094	0.099	0.115	0.130	0.135	0.140	0.116	0.118	14.99
58)	TP Bromodichlorom...		0.244	0.303	0.307	0.345	0.343	0.347	0.339	0.318	11.77
61)	TP 1,4-Dioxane		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	9.00
62)	TP cis-1,3-Dichlo...	0.286	0.251	0.293	0.346	0.391	0.408	0.417	0.405	0.350	18.61
63)	I Chlorobenzene-d5	-----ISTD-----									
64)	S Toluene-d8	1.318	1.344	1.331	1.366	1.357	1.383	1.312	1.295	1.338	2.22
65)	TP Toluene		0.647	0.727	0.784	0.774	0.771	0.760	0.729	0.742	6.35
66)	TP 4-Methyl-2-pen...			0.088	0.090	0.097	0.100	0.103	0.097	0.096	6.14
67)	TP Tetrachloroethene	0.135	0.187	0.231	0.276	0.271	0.277	0.275	0.257	*L	0.9987
69)	TP trans-1,3-Dich...	0.185	0.360	0.319	0.378	0.434	0.472	0.475	0.465	*Q	0.9987
71)	TP Ethyl methacry...		0.289	0.266	0.312	0.335	0.326	0.323	0.306	0.308	7.71
72)	TP 1,1,2-Trichlor...		0.177	0.163	0.182	0.201	0.210	0.212	0.205	0.193#	9.73
73)	TP Chlorodibromom...		0.185	0.205	0.243	0.272	0.303	0.308	0.300	0.259	19.16
74)	TP 1,3-Dichloropr...		0.364	0.369	0.414	0.450	0.476	0.475	0.451	0.428	11.02
75)	TP 1,2-Dibromoethane		0.234	0.201	0.212	0.233	0.244	0.245	0.233	0.229	7.20
77)	TP 2-Hexanone		0.248	0.217	0.222	0.237	0.239	0.232	0.214	0.230	5.47
78)	TP Chlorobenzene		0.680	0.810	0.884	0.865	0.871	0.863	0.838	0.830	8.47

Response Factor Report Elaine

Method Path : K:\Elaine\2025\251110NICAL\
 Method File : Elaine_251111N_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Wed Nov 12 12:15:18 2025
 Response Via : Initial Calibration

Calibration Files

L11 =VE251110N04.D L1 =VE251110N05.D L2 =VE251110N07.D L3 =VE251110N09.D L4 =VE251110N10.D
 L6 =VE251110N11.D L8 =VE251110N12.D L10 =VE251110N13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
79) TP	Ethylbenzene	1.229	1.467	1.686	1.663	1.643	1.606	1.555	1.550	10.31	
80) TP	1,1,1,2-Tetrac...	0.157	0.223	0.240	0.264	0.291	0.294	0.292	0.252	19.89	
81) TP	p/m Xylene	0.478	0.575	0.651	0.614	0.627	0.629	0.664	0.605	10.40	
82) TP	o Xylene	0.436	0.582	0.626	0.616	0.634	0.640	0.666	0.600	12.78	
83) TP	Styrene	0.759	0.975	1.031	1.063	1.127	1.149	1.229	1.047	14.50	
84) I	1,4-Dichlorobenzene-d4	-----ISTD-----									
85) TP	Bromoform	0.174	0.239	0.235	0.290	0.313	0.345	0.341	*Q	0.9982	
87) TP	Isopropylbenzene	2.132	2.634	3.033	3.072	3.140	3.278	3.094	2.912	13.63	
88) S	4-Bromofluorob...	1.017	1.014	0.983	0.953	0.916	0.911	0.923	0.909	0.953	4.79
89) TP	Bromobenzene	0.559	0.611	0.609	0.602	0.621	0.631	0.601	0.605	3.77	
90) TP	n-Propylbenzene	2.587	3.551	3.834	3.872	3.923	4.072	3.838	3.668	13.66	
91) TP	1,4-Dichlorobu...	1.064	1.169	1.147	1.217	1.238	1.290	1.229	1.193	6.18	
92) TP	1,1,2,2-Tetrac...	0.601	0.584	0.555	0.529	0.554	0.522	0.543	0.508	0.549	5.69
93) TP	4-Ethyltoluene	2.139	2.791	3.002	3.008	2.996	3.107	2.985	2.861	11.61	
94) TP	2-Chlorotoluene	2.087	2.192	2.330	2.207	2.138	2.313	2.205	2.210	3.96	
95) TP	1,3,5-Trimethy...	1.809	2.371	2.597	2.688	2.775	2.865	2.843	2.564	14.56	
96) TP	1,2,3-Trichlor...	0.502	0.464	0.455	0.479	0.487	0.520	0.513	0.489	5.03	
97) TP	trans-1,4-Dich...	0.268	0.226	0.233	0.252	0.249	0.262	0.241	0.247	6.12	
98) TP	4-Chlorotoluene	1.754	2.189	2.340	2.326	2.323	2.406	2.311	2.235	9.92	
99) TP	tert-Butylbenzene	1.575	1.920	2.199	2.193	2.225	2.283	2.155	2.079	12.03	
102) TP	1,2,4-Trimethy...	1.881	2.275	2.610	2.678	2.804	2.847	2.805	2.557	13.93	
103) TP	sec-Butylbenzene	2.158	2.956	3.393	3.366	3.491	3.566	3.353	3.183	15.45	
104) TP	p-Isopropyltol...	1.660	2.415	2.758	2.866	2.969	3.025	2.981	2.668	18.39	
105) TP	1,3-Dichlorobe...	1.082	1.287	1.354	1.385	1.375	1.397	1.392	1.325	8.55	
106) TP	1,4-Dichlorobe...	1.145	1.302	1.333	1.337	1.333	1.367	1.378	1.314	5.97	
107) TP	p-Diethylbenzene	1.057	1.330	1.657	1.689	1.725	1.799	1.785	1.577	17.64	
108) TP	n-Butylbenzene	1.691	2.284	2.769	2.829	2.850	2.936	2.825	2.598	17.45	
109) TP	1,2-Dichlorobe...	0.979	1.175	1.283	1.310	1.266	1.300	1.299	1.230	9.74	
110) TP	1,2,4,5-Tetram...		2.021	2.609	2.675	2.781	3.014	2.903	2.667	13.10	
111) TP	1,2-Dibromo-3-...	0.034	0.066	0.079	0.079	0.081	0.086	0.080	*L	0.9992	
112) TP	1,3,5-Trichlor...	0.564	0.791	0.832	0.848	0.857	0.897	0.867	0.808	13.91	

Response Factor Report Elaine

Method Path : K:\Elaine\2025\251110NICAL\
 Method File : Elaine_251111N_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Wed Nov 12 12:15:18 2025
 Response Via : Initial Calibration

Calibration Files

L11 =VE251110N04.D L1 =VE251110N05.D L2 =VE251110N07.D L3 =VE251110N09.D L4 =VE251110N10.D
 L6 =VE251110N11.D L8 =VE251110N12.D L10 =VE251110N13.D

Compound		L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
113) TP	Hexachlorobuta...	0.111	0.170	0.212	0.214	0.220	0.223	0.201	*L	0.9977	
114) TP	1,2,4-Trichlor...	0.544	0.578	0.677	0.692	0.715	0.736	0.721	0.666	11.23	
115) TP	Naphthalene	1.141	1.323	1.649	1.787	1.886	1.975	1.862	1.660	18.89	
116) TP	1,2,3-Trichlor...	0.466	0.504	0.568	0.609	0.635	0.661	0.625	0.581	12.48	

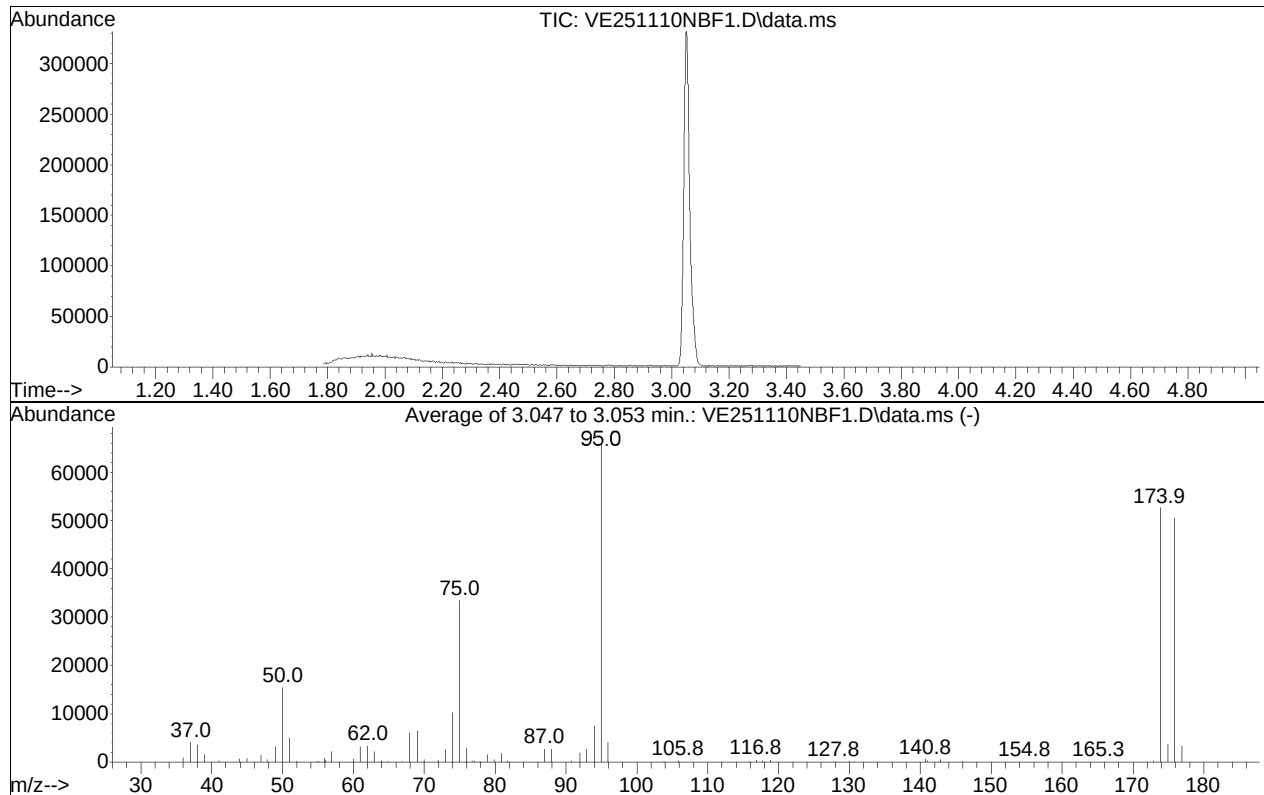
(#) = Out of Range

BFB

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110NBF1.D
 Acq On : 10 Nov 2025 7:57 pm
 Operator : ELAINE:PID
 Sample : WG2140152-1
 Misc : WG2140152
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Tue Nov 11 14:01:47 2025



AutoFind: Scans 453, 454, 455; Background Corrected with Scan 442

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.4	15452	PASS
75	95	30	60	50.7	33499	PASS
95	95	100	100	100.0	66109	PASS
96	95	5	9	6.2	4087	PASS
173	174	0.00	2	0.6	306	PASS
174	95	50	100	79.6	52600	PASS
175	174	5	9	7.2	3770	PASS
176	174	95	101	96.0	50472	PASS
177	176	5	9	6.5	3275	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N04.D
 Acq On : 10 Nov 2025 9:41 pm
 Operator : ELAINE:PID
 Sample : I8260STD0.19PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 13:21:00 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-L11_NJnew - L11 new NJ

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

Internal Standards						
1) Fluorobenzene	5.638	96	179608	10.000	ug/L	0.00
Standard Area 1 = 194422			Recovery =	92.38%		
63) Chlorobenzene-d5	9.131	117	149561	10.000	ug/L	0.00
Standard Area 1 = 153144			Recovery =	97.66%		
84) 1,4-Dichlorobenzene-d4	11.910	152	80751	10.000	ug/L	0.00
Standard Area 1 = 86422			Recovery =	93.44%		
System Monitoring Compounds						
39) Dibromofluoromethane	4.847	113	54611	10.486	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.86%		
47) 1,2-Dichloroethane-d4	5.353	65	70656	10.090	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.90%		
64) Toluene-d8	7.305	98	197167	9.650	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.50%		
88) 4-Bromofluorobenzene	10.664	95	82135	10.674	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.74%		
Target Compounds						Qvalue
4) Vinyl chloride	1.708	62	1262M6	0.163	ug/L	
37) Carbon tetrachloride	4.806	117	780	0.139	ug/L #	52
45) Benzene	5.217	78	2716	0.153	ug/L #	58
48) 1,2-Dichloroethane	5.410	62	1358	0.199	ug/L	78
52) Trichloroethene	5.800	95	618	0.148	ug/L #	22
62) cis-1,3-Dichloropropene	7.117	75	975	0.157	ug/L #	37
67) Tetrachloroethene	7.801	166	383M4	0.093	ug/L	
69) trans-1,3-Dichloropropene	7.854	75	525M6	0.093	ug/L	
92) 1,1,2,2-Tetrachloroethane	10.937	83	922	0.216	ug/L #	86

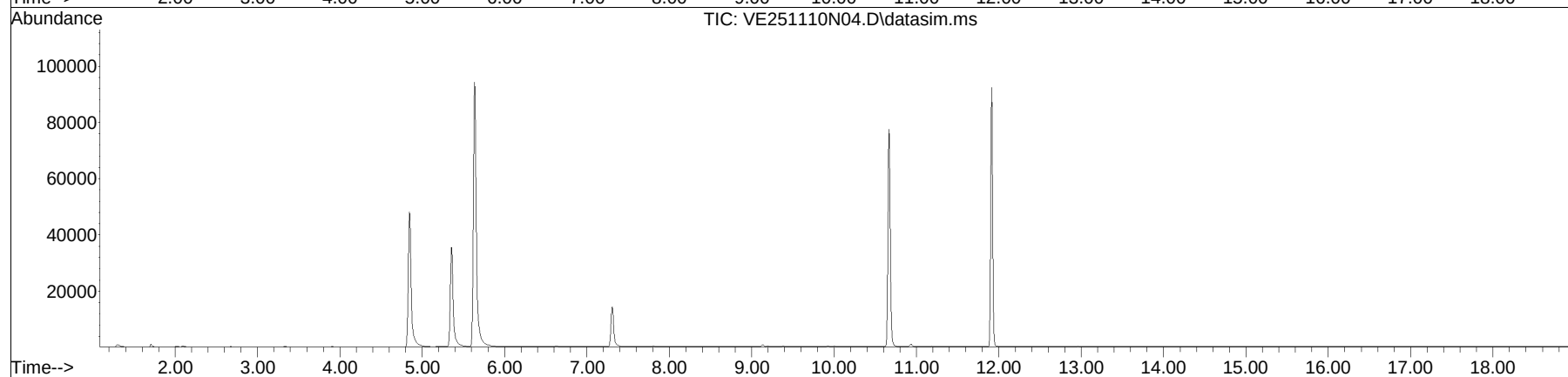
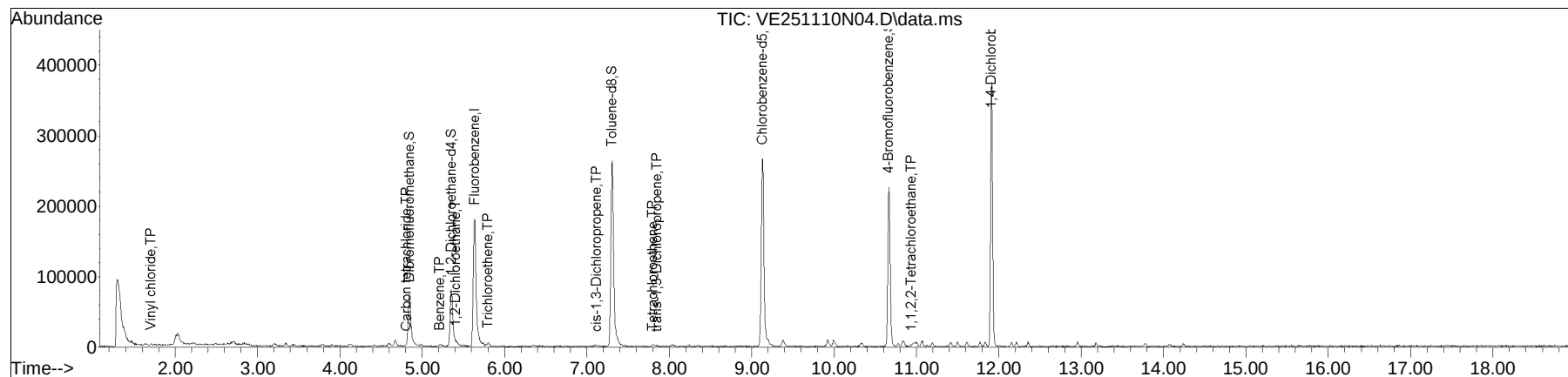
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N04.D
 Acq On : 10 Nov 2025 9:41 pm
 Operator : ELAINE:PID
 Sample : I8260STD0.19PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 13:21:00 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

Sub List : 8260-L11_NJnew - L11 new NJCAL\VE251110N09.D•



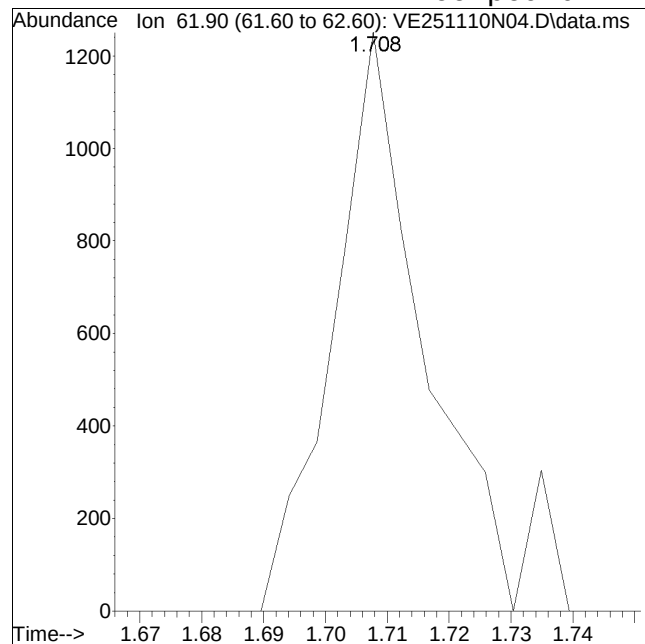
Elaine_251111N_8260.m Tue Nov 11 14:16:30 2025

Page: 2

Manual Integration Report

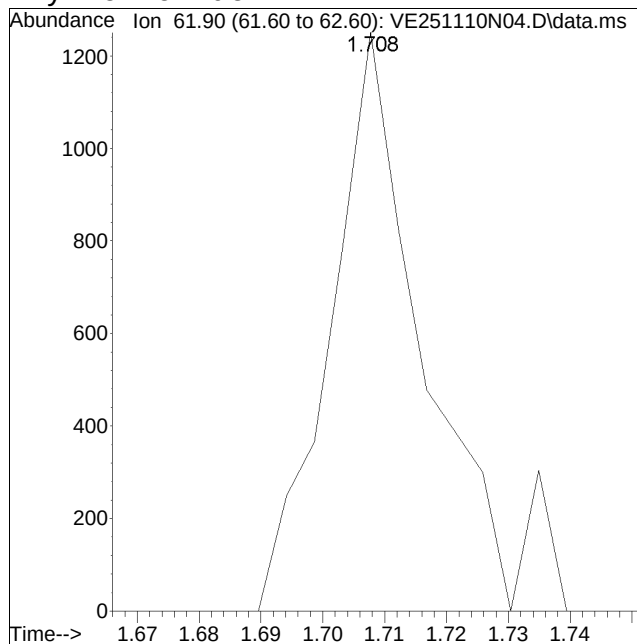
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Data File : VE251110N04.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 9:41 pm Instrument : Elaine
Sample : I8260STD0.19PPB Quant Date : 11/11/2025 1:19 pm

Compound #4: Vinyl chloride



Original Peak Response = 1344

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

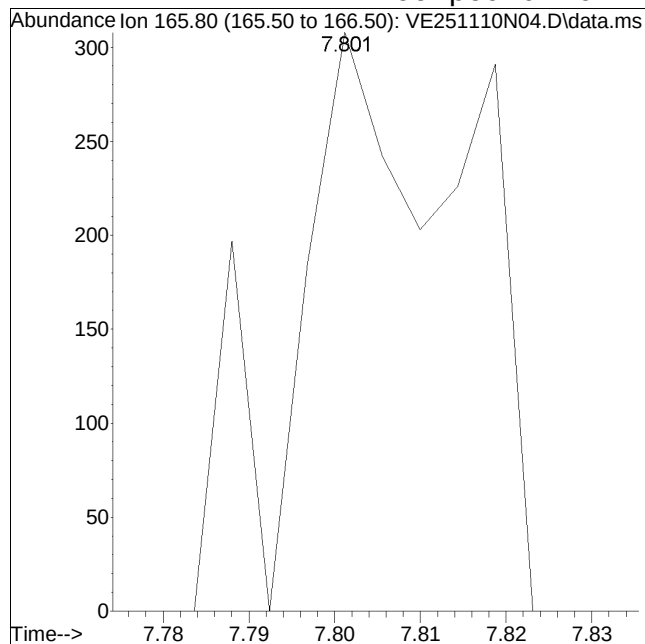


Manual Peak Response = 1262 M6

Manual Integration Report

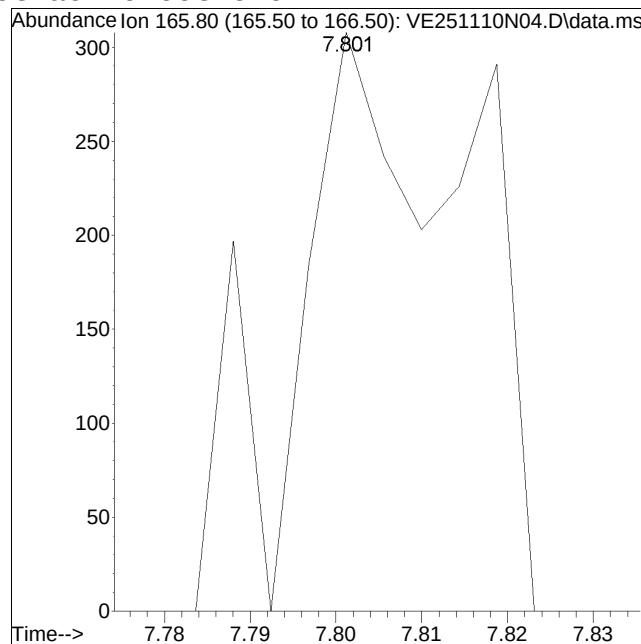
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Data File : VE251110N04.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 9:41 pm Instrument : Elaine
Sample : I8260STD0.19PPB Quant Date : 11/11/2025 1:19 pm

Compound #67: Tetrachloroethene



Original Peak Response = 435

M4 = Poor automated baseline construction.

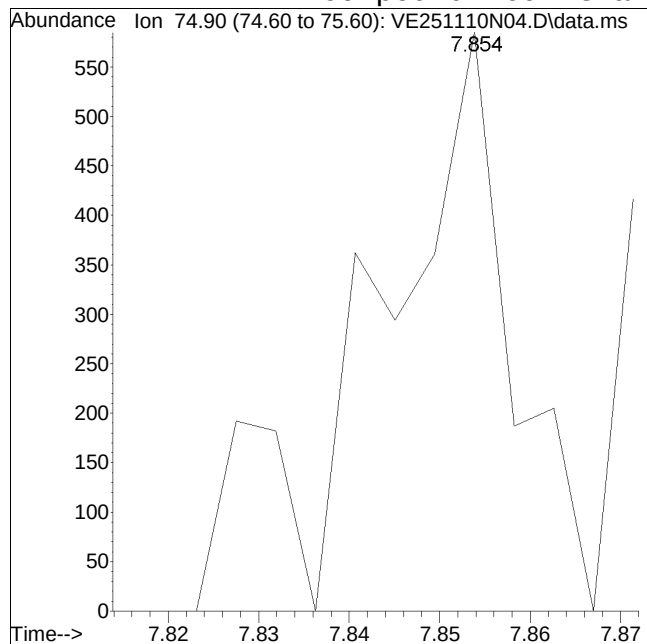


Manual Peak Response = 383 M4

Manual Integration Report

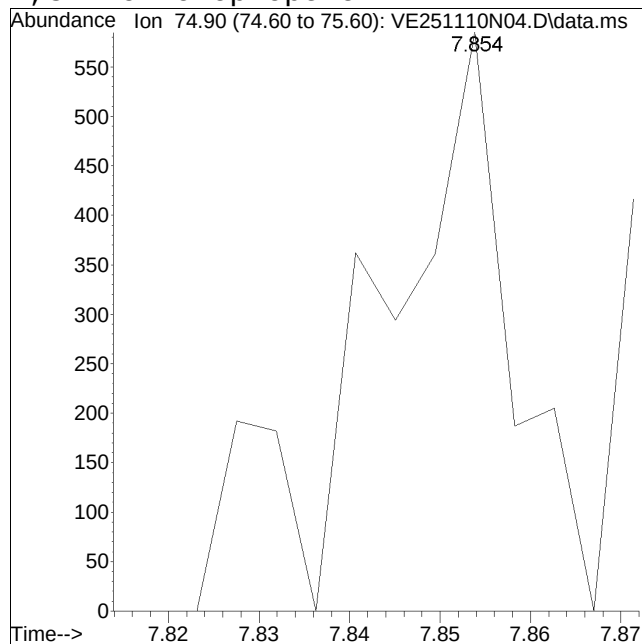
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N04.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 9:41 pm Instrument : Elaine
Sample : I8260STD0.19PPB Quant Date : 11/11/2025 1:19 pm

Compound #69: trans-1,3-Dichloropropene



Original Peak Response = 623

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



Manual Peak Response = 525 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N05.D
 Acq On : 10 Nov 2025 10:05 pm
 Operator : ELAINE:PID
 Sample : I8260STD0.5PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 13:23:36 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.634	96	178679	10.000	ug/L	0.00
Standard Area 1 = 194422			Recovery =	91.90%		
63) Chlorobenzene-d5	9.131	117	146749	10.000	ug/L	0.00
Standard Area 1 = 153144			Recovery =	95.82%		
84) 1,4-Dichlorobenzene-d4	11.911	152	81168	10.000	ug/L	0.00
Standard Area 1 = 86422			Recovery =	93.92%		
System Monitoring Compounds						
39) Dibromofluoromethane	4.847	113	54481	10.516	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.16%		
47) 1,2-Dichloroethane-d4	5.357	65	67413	9.676	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.76%		
64) Toluene-d8	7.301	98	197257	9.839	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.39%		
88) 4-Bromofluorobenzene	10.668	95	82288	10.639	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.39%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.468	85	2388M6	0.326	ug/L	
3) Chloromethane	1.640	50	3907	0.432	ug/L	90
4) Vinyl chloride	1.713	62	2282	0.296	ug/L	89
5) Bromomethane	1.984	94	1300	0.493	ug/L #	77
6) Chloroethane	2.098	64	1558	0.327	ug/L	90
7) Trichlorofluoromethane	2.220	101	2492	0.271	ug/L	87
8) Ethyl ether	2.505	74	1059	0.456	ug/L #	20
10) 1,1-Dichloroethene	2.677	96	1612	0.344	ug/L	94
11) Carbon disulfide	2.705	76	5500M3	0.349	ug/L	
12) Freon-113	2.709	101	1401	0.307	ug/L #	76
13) Iodomethane	2.800	142	581	0.270	ug/L #	44
14) Acrolein	0.000		0	N.D.	d	
15) Methylene chloride	3.207	84	2853	0.543	ug/L	86
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	3.352	96	1348	0.314	ug/L	87
19) Methyl acetate	0.000		0	N.D.	d	
21) Methyl tert-butyl ether	3.443	73	3208	0.396	ug/L #	87
22) tert-Butyl alcohol	0.000		0	N.D.	d	
24) Diisopropyl ether	3.778	45	6996	0.381	ug/L	93
25) 1,1-Dichloroethane	3.905	63	4505	0.389	ug/L	85
26) Halothane	3.964	117	618	0.220	ug/L #	70

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N05.D
 Acq On : 10 Nov 2025 10:05 pm
 Operator : ELAINE:PID
 Sample : I8260STD0.5PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 13:23:36 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) Acrylonitrile	3.946	53	1023	0.633	ug/L	#	81
28) Ethyl tert-butyl ether	4.127	59	4274	0.354	ug/L	#	49
29) Vinyl acetate	4.150	43	4768	0.489	ug/L	#	88
30) cis-1,2-Dichloroethene	4.412	96	2050	0.411	ug/L		85
31) 2,2-Dichloropropane	4.494	77	2073	0.294	ug/L		75
33) Bromochloromethane	4.603	128	902	0.404	ug/L	#	80
34) Cyclohexane	4.607	56	3303	0.297	ug/L		83
35) Chloroform	4.671	83	7693	0.838	ug/L		96
36) Ethyl acetate	4.793	43	1947M6	0.504	ug/L		
37) Carbon tetrachloride	4.798	117	1644	0.295	ug/L	#	67
38) Tetrahydrofuran	0.000		0	N.D.	d		
40) 1,1,1-Trichloroethane	4.865	97	2080	0.302	ug/L	#	87
42) 2-Butanone	0.000		0	N.D.	d		
43) 1,1-Dichloropropene	4.974	75	1662	0.307	ug/L		88
45) Benzene	5.226	78	6746	0.382	ug/L		97
46) tert-Amyl methyl ether	5.344	73	3387	0.415	ug/L		94
48) 1,2-Dichloroethane	5.428	62	3178	0.468	ug/L		89
51) Methyl cyclohexane	5.787	83	1784	0.269	ug/L		84
52) Trichloroethene	5.822	95	1794	0.433	ug/L	#	35
54) Dibromomethane	6.239	93	1174	0.471	ug/L		93
55) 1,2-Dichloropropane	6.336	63	2368	0.455	ug/L	#	82
57) 2-Chloroethyl vinyl ether	7.047	63	838	0.407	ug/L	#	92
58) Bromodichloromethane	6.424	83	2179	0.397	ug/L	#	90
61) 1,4-Dioxane	6.630	88	3593	111.074	ug/L		92
62) cis-1,3-Dichloropropene	7.104	75	2245	0.363	ug/L	#	83
65) Toluene	7.367	92	4749	0.413	ug/L		84
66) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
67) Tetrachloroethene	7.806	166	1369	0.338	ug/L		94
69) trans-1,3-Dichloropropene	7.845	75	2640M1	0.476	ug/L		
71) Ethyl methacrylate	8.043	69	2120	0.463	ug/L		94
72) 1,1,2-Trichloroethane	8.017	83	1296	0.486	ug/L		89
73) Chlorodibromomethane	8.245	129	1359M6	0.381	ug/L		
74) 1,3-Dichloropropane	8.350	76	2668M6	0.439	ug/L		
75) 1,2-Dibromoethane	8.499	107	1716	0.552	ug/L	#	79
77) 2-Hexanone	8.793	43	1818	0.559	ug/L	#	58
78) Chlorobenzene	9.153	112	4993	0.385	ug/L	#	55
79) Ethylbenzene	9.188	91	9015	0.364	ug/L		96
80) 1,1,1,2-Tetrachloroethane	9.232	131	1154	0.328	ug/L	#	55
81) p/m Xylene	9.386	106	7013	0.734	ug/L		93
82) o Xylene	9.930	106	6396	0.697	ug/L		89

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N05.D
 Acq On : 10 Nov 2025 10:05 pm
 Operator : ELAINE:PID
 Sample : I8260STD0.5PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 13:23:36 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	9.995	104	11143	0.736	ug/L	97
85)	Bromoform	10.017	173	705	0.370	ug/L	86
87)	Isopropylbenzene	10.338	105	8652	0.351	ug/L	98
89)	Bromobenzene	10.783	156	2269	0.459	ug/L	97
90)	n-Propylbenzene	10.831	91	10501	0.337	ug/L #	87
91)	1,4-Dichlorobutane	10.853	55	4317	0.464	ug/L #	90
92)	1,1,2,2-Tetrachloroethane	10.928	83	2370	0.552	ug/L	93
93)	4-Ethyltoluene	10.968	105	8682	0.356	ug/L	98
94)	2-Chlorotoluene	10.999	91	8469	0.448	ug/L	95
95)	1,3,5-Trimethylbenzene	11.069	105	7343	0.348	ug/L	95
96)	1,2,3-Trichloropropane	11.065	75	2038	0.551	ug/L #	84
97)	trans-1,4-Dichloro-2-b...	11.122	53	1089	0.577	ug/L #	64
98)	4-Chlorotoluene	11.197	91	7119	0.375	ug/L	98
99)	tert-Butylbenzene	11.413	119	6393	0.358	ug/L	93
102)	1,2,4-Trimethylbenzene	11.497	105	7632	0.360	ug/L	90
103)	sec-Butylbenzene	11.611	105	8757	0.318	ug/L	98
104)	p-Isopropyltoluene	11.774	119	6736	0.301	ug/L	86
105)	1,3-Dichlorobenzene	11.840	146	4392	0.400	ug/L	97
106)	1,4-Dichlorobenzene	11.928	146	4647M3	0.429	ug/L	
107)	p-Diethylbenzene	12.157	119	4290	0.319	ug/L	96
108)	n-Butylbenzene	12.210	91	6864	0.305	ug/L	92
109)	1,2-Dichlorobenzene	12.356	146	3974	0.382	ug/L	97
110)	1,2,4,5-Tetramethylben...	12.955	119	6286	0.297	ug/L	97
111)	1,2-Dibromo-3-chloropr...	13.153	155	140M6	0.218	ug/L	
112)	1,3,5-Trichlorobenzene	13.184	180	2289	0.339	ug/L #	88
113)	Hexachlorobutadiene	13.757	225	451	0.262	ug/L	90
114)	1,2,4-Trichlorobenzene	13.783	180	2209	0.402	ug/L #	85
115)	Naphthalene	14.074	128	4632	0.346	ug/L	100
116)	1,2,3-Trichlorobenzene	14.237	180	1891	0.410	ug/L #	95

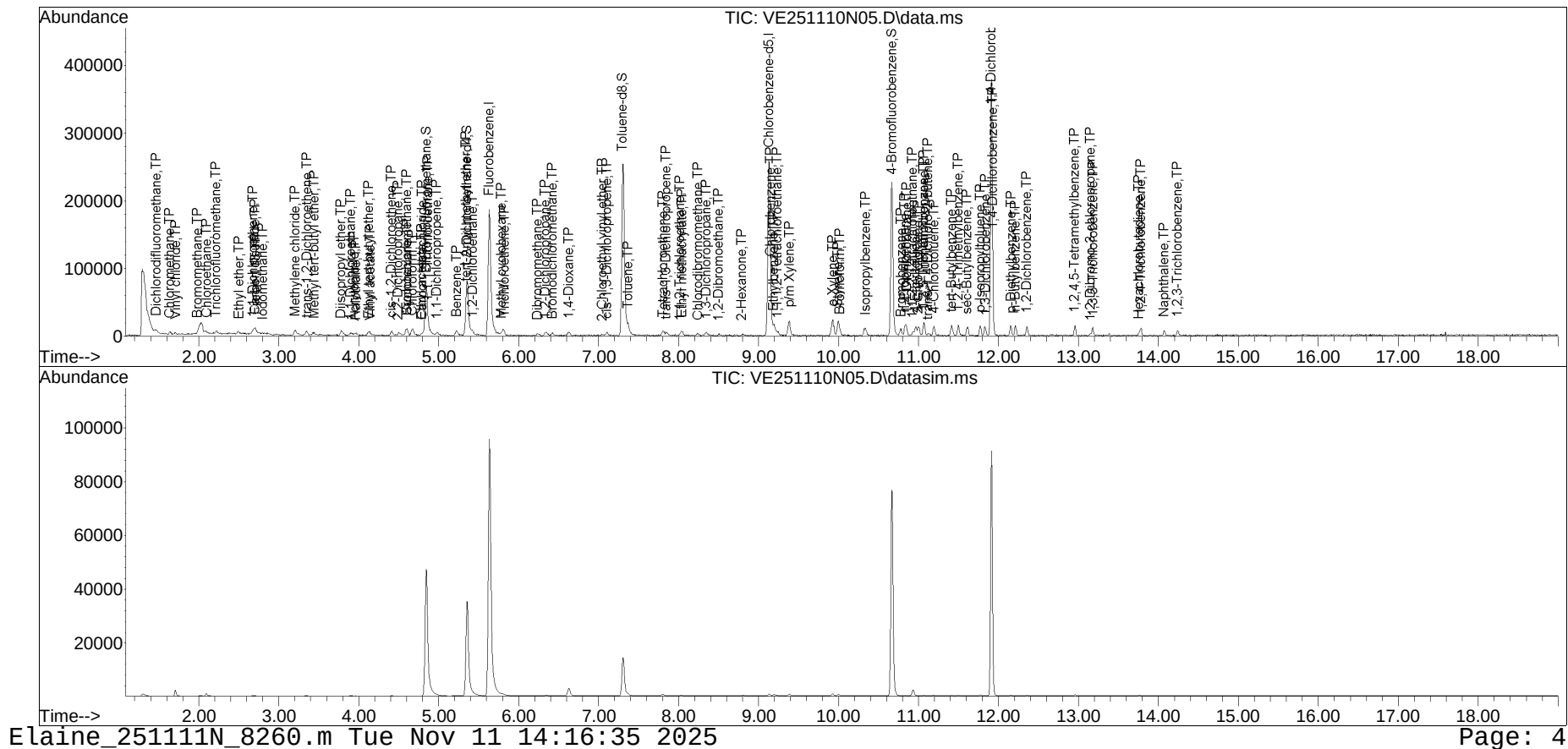
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

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Data Path   : K:\Elaine\2025\251110NICAL\  
Data File  : VE251110N05.D  
Acq On     : 10 Nov 2025  10:05 pm  
Operator   : ELAINE:PID  
Sample     : I8260STD0.5PPB  
Misc       : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)  
ALS Vial   : 5      Sample Multiplier: 1
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Quant Time: Nov 11 13:23:36 2025
Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 11 13:18:06 2025
Response via : Initial Calibration

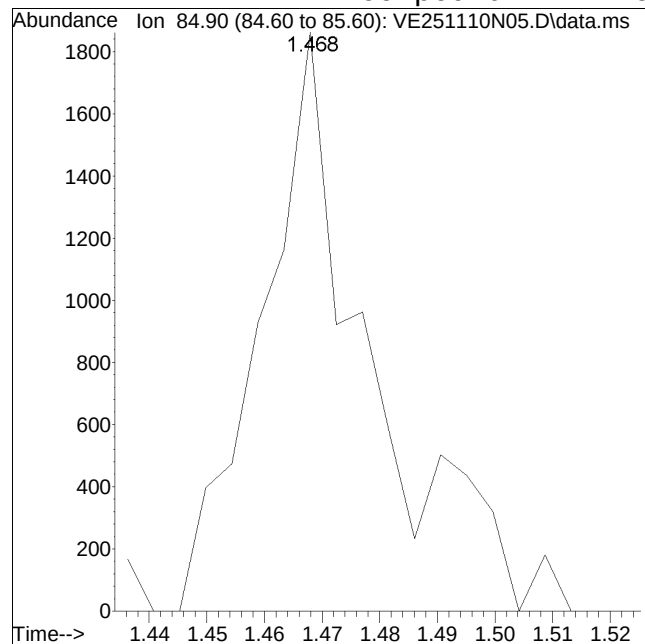
Sub List : 8260-Curve - Megamix plus Diox\VE251110N09.D•



Manual Integration Report

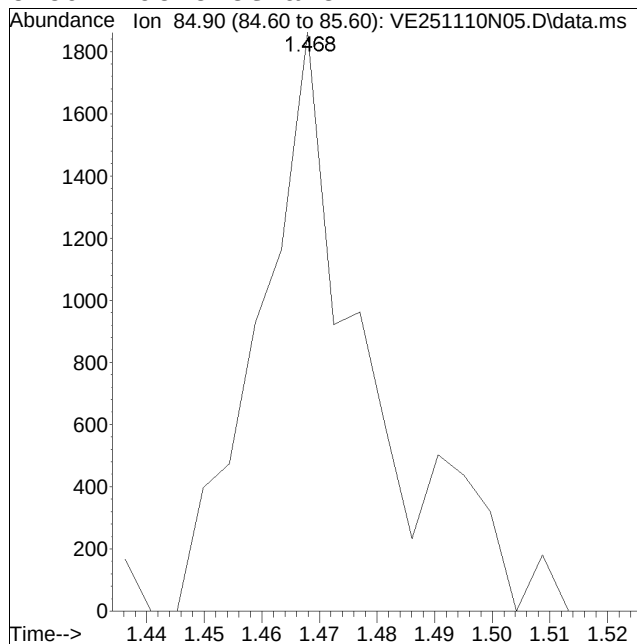
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N05.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:05 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 11/11/2025 1:18 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 2437

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

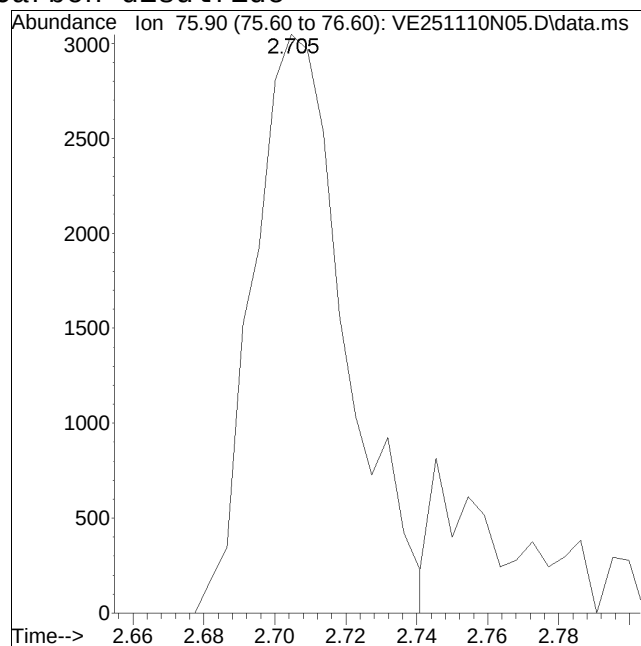
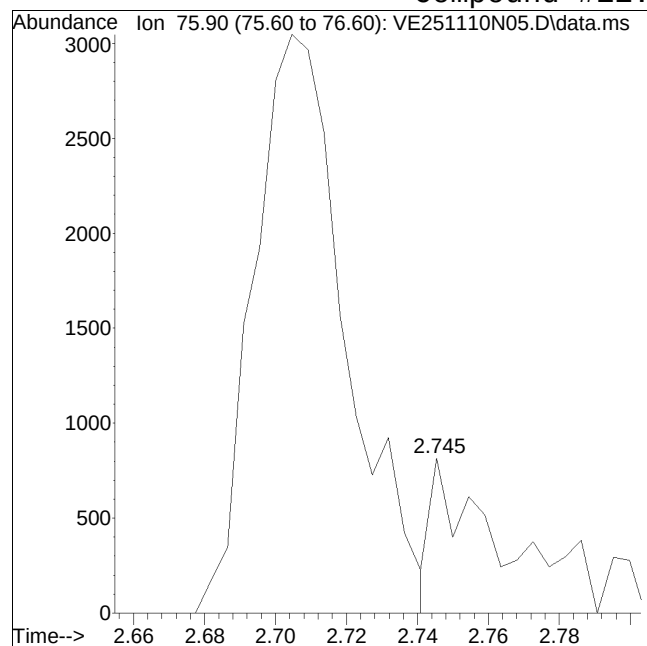


Manual Peak Response = 2388 M6

Manual Integration Report

Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N05.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:05 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 11/11/2025 1:18 pm

Compound #11: Carbon disulfide



Original Peak Response = 1132

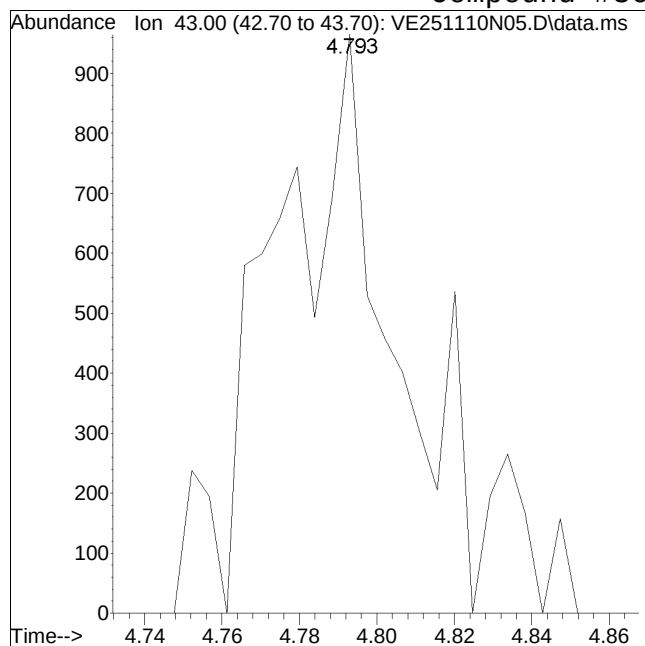
Manual Peak Response = 5500 M3

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.

Manual Integration Report

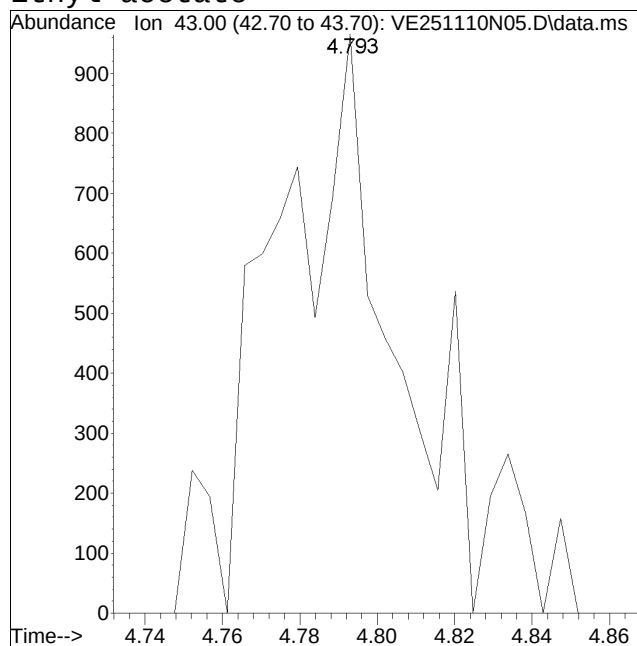
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N05.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:05 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 11/11/2025 1:18 pm

Compound #36: Ethyl acetate



Original Peak Response = 2278

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

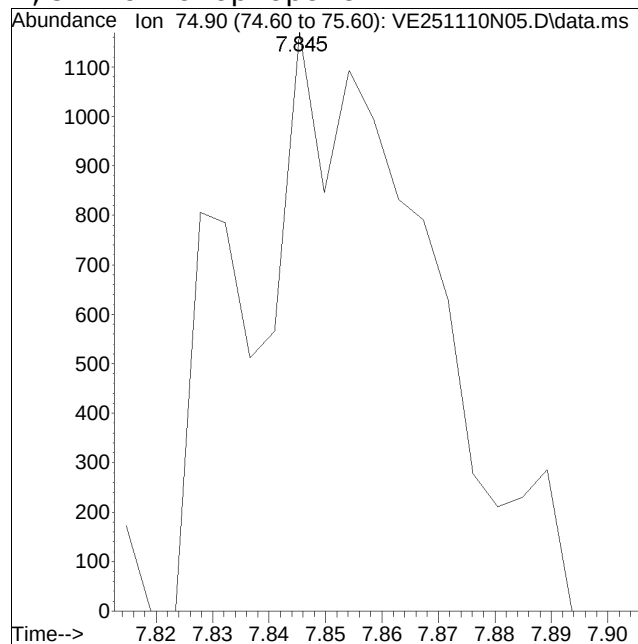
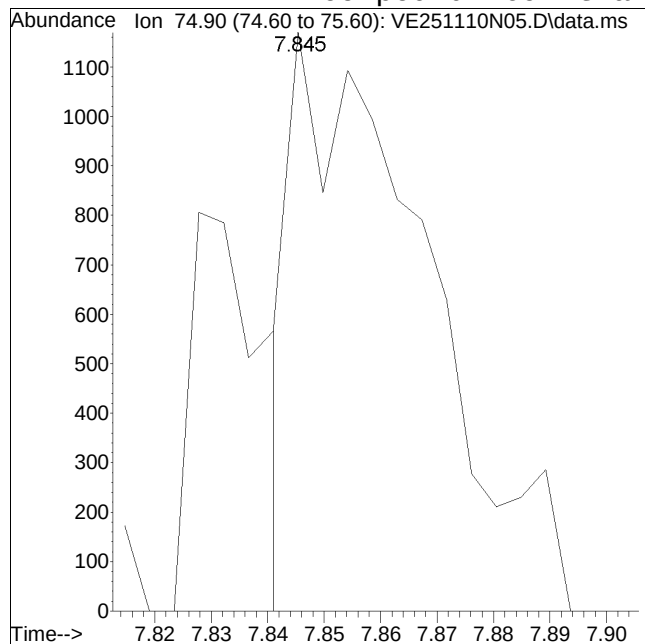


Manual Peak Response = 1947 M6

Manual Integration Report

Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N05.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:05 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 11/11/2025 1:18 pm

Compound #69: trans-1,3-Dichloropropene



Original Peak Response = 1938

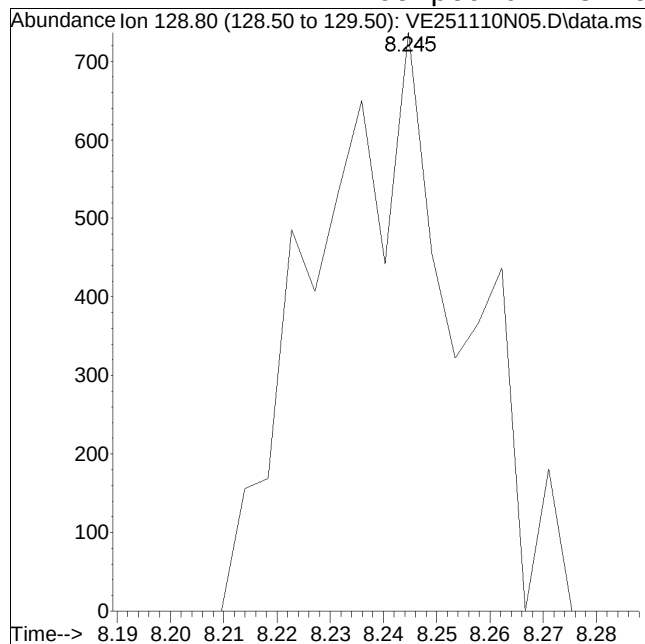
Manual Peak Response = 2640 M1

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

Manual Integration Report

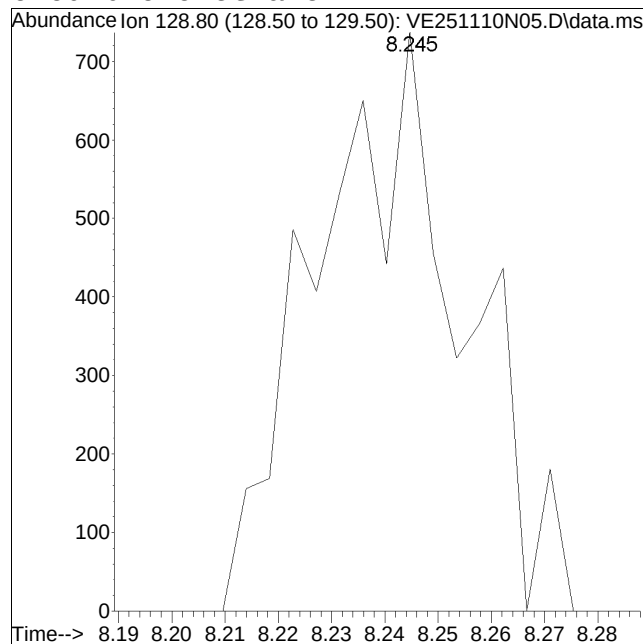
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N05.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:05 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 11/11/2025 1:18 pm

Compound #73: Chlorodibromomethane



Original Peak Response = 1406

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

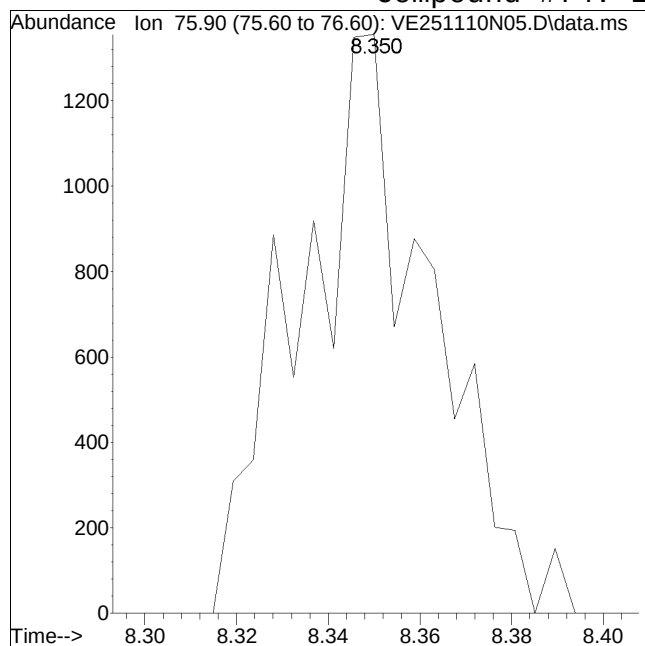


Manual Peak Response = 1359 M6

Manual Integration Report

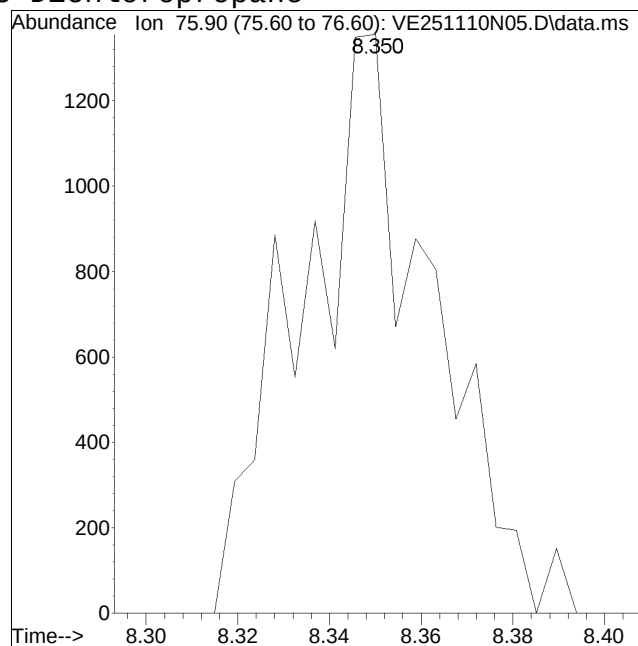
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N05.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:05 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 11/11/2025 1:18 pm

Compound #74: 1,3-Dichloropropane



Original Peak Response = 2709

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

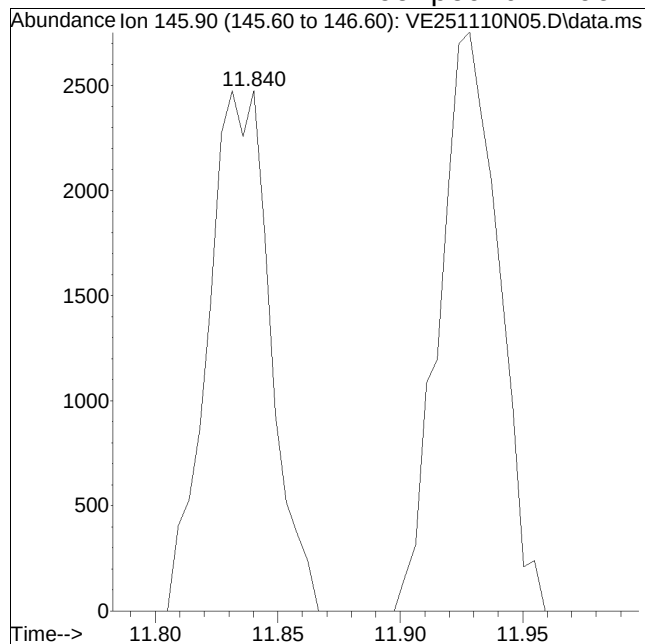


Manual Peak Response = 2668 M6

Manual Integration Report

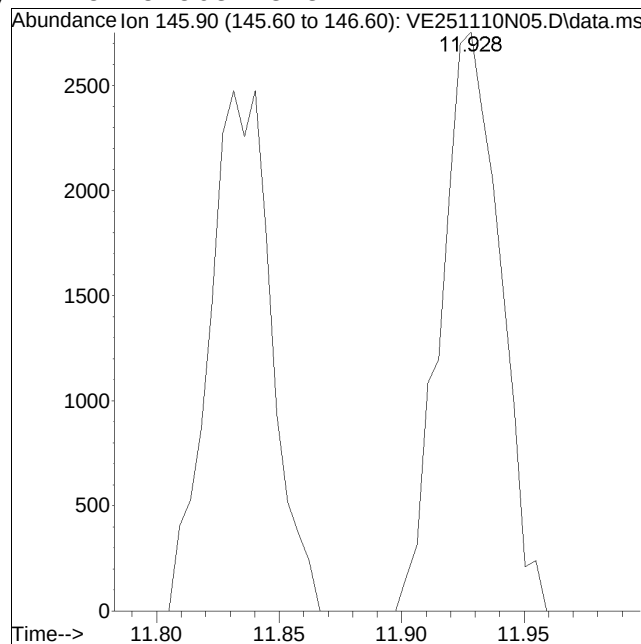
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N05.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:05 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 11/11/2025 1:18 pm

Compound #106: 1,4-Dichlorobenzene



Original Peak Response = 4392

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.

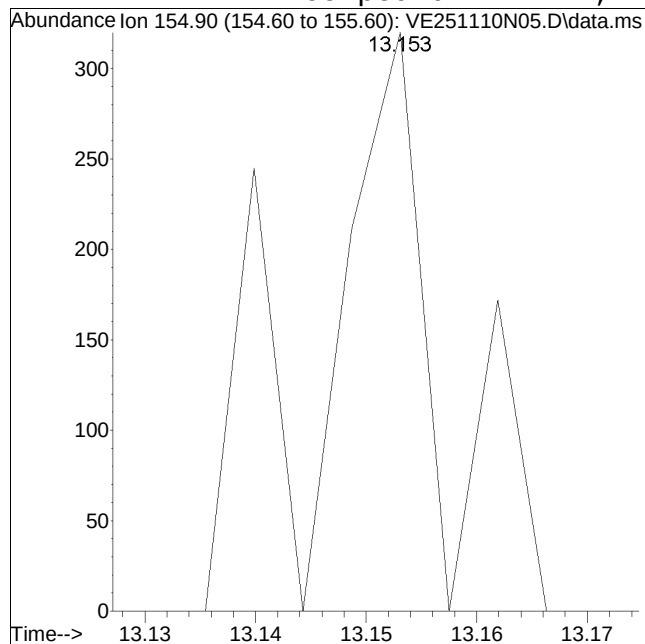


Manual Peak Response = 4647 M3

Manual Integration Report

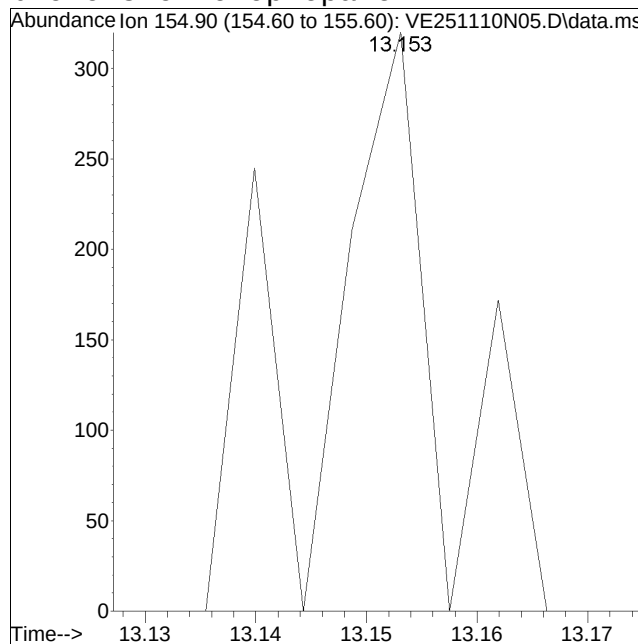
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N05.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:05 pm Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 11/11/2025 1:18 pm

Compound #111: 1,2-Dibromo-3-chloropropane



Original Peak Response = 251

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



Manual Peak Response = 140 M6

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N07.D
 Acq On : 10 Nov 2025 10:53 pm
 Operator : ELAINE:PID
 Sample : I8260STD2PPB
 Misc : WG2140152, ICAL (Sig #1); WG, ICAL22753 (Sig #2)
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 11 13:25:00 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.634	96	181091	10.000	ug/L	0.00
Standard Area 1 = 194422			Recovery =	93.14%		
63) Chlorobenzene-d5	9.127	117	148781	10.000	ug/L	0.00
Standard Area 1 = 153144			Recovery =	97.15%		
84) 1,4-Dichlorobenzene-d4	11.911	152	82825	10.000	ug/L	0.00
Standard Area 1 = 86422			Recovery =	95.84%		
System Monitoring Compounds						
39) Dibromofluoromethane	4.843	113	53633	10.214	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.14%		
47) 1,2-Dichloroethane-d4	5.357	65	70310	9.958	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.58%		
64) Toluene-d8	7.306	98	197997	9.742	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.42%		
88) 4-Bromofluorobenzene	10.668	95	81394	10.312	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.12%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.468	85	13501	1.821	ug/L	97
3) Chloromethane	1.640	50	18075	1.974	ug/L	90
4) Vinyl chloride	1.708	62	14576	1.868	ug/L	97
5) Bromomethane	1.984	94	5035	1.884	ug/L	95
6) Chloroethane	2.093	64	8935	1.848	ug/L	98
7) Trichlorofluoromethane	2.225	101	17068	1.831	ug/L	91
8) Ethyl ether	2.496	74	4229	1.798	ug/L	81
10) 1,1-Dichloroethene	2.673	96	8281	1.746	ug/L	85
11) Carbon disulfide	2.705	76	30573	1.913	ug/L	99
12) Freon-113	2.718	101	7409	1.601	ug/L	97
13) Iodomethane	2.809	142	3541	1.624	ug/L #	89
14) Acrolein	2.967	56	1634	2.918	ug/L	90
15) Methylene chloride	3.203	84	11290	2.121	ug/L	97
17) Acetone	3.235	43	4129	2.412	ug/L #	72
18) trans-1,2-Dichloroethene	3.343	96	7831	1.801	ug/L	94
19) Methyl acetate	3.353	43	6258M6	2.224	ug/L	
21) Methyl tert-butyl ether	3.434	73	14712	1.791	ug/L #	92
22) tert-Butyl alcohol	3.534	59	2986M1	10.018	ug/L	
24) Diisopropyl ether	3.783	45	32503	1.745	ug/L	97
25) 1,1-Dichloroethane	3.910	63	22551	1.920	ug/L	96
26) Halothane	3.960	117	4743	1.664	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N07.D
 Acq On : 10 Nov 2025 10:53 pm
 Operator : ELAINE:PID
 Sample : I8260STD2PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 11 13:25:00 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	3.955	53	3647	2.226	ug/L	91
28) Ethyl tert-butyl ether	4.123	59	21561	1.761	ug/L	92
29) Vinyl acetate	4.136	43	19641	1.988	ug/L	100
30) cis-1,2-Dichloroethene	4.408	96	9031	1.787	ug/L	88
31) 2,2-Dichloropropane	4.503	77	12406	1.736	ug/L	85
33) Bromochloromethane	4.594	128	4980	2.201	ug/L	94
34) Cyclohexane	4.603	56	18026	1.599	ug/L	95
35) Chloroform	4.675	83	21419	2.302	ug/L	95
36) Ethyl acetate	4.784	43	6953	1.775	ug/L #	95
37) Carbon tetrachloride	4.807	117	9252M6	1.635	ug/L	
38) Tetrahydrofuran	4.802	42	2985M6	1.961	ug/L	
40) 1,1,1-Trichloroethane	4.866	97	11676	1.670	ug/L	97
42) 2-Butanone	4.947	43	4029	2.041	ug/L #	53
43) 1,1-Dichloropropene	4.979	75	8936	1.629	ug/L	96
45) Benzene	5.221	78	33204	1.857	ug/L	98
46) tert-Amyl methyl ether	5.335	73	15023	1.814	ug/L	94
48) 1,2-Dichloroethane	5.428	62	13667	1.987	ug/L	97
51) Methyl cyclohexane	5.796	83	10994	1.634	ug/L	98
52) Trichloroethene	5.809	95	7612	1.814	ug/L	96
54) Dibromomethane	6.248	93	4975	1.971	ug/L	94
55) 1,2-Dichloropropane	6.336	63	9582	1.815	ug/L	99
57) 2-Chloroethyl vinyl ether	7.034	63	3574	1.714	ug/L #	93
58) Bromodichloromethane	6.432	83	10990	1.977	ug/L	100
61) 1,4-Dioxane	6.625	88	13578	414.158	ug/L	96
62) cis-1,3-Dichloropropene	7.108	75	10623	1.693	ug/L	88
65) Toluene	7.363	92	21646	1.856	ug/L	98
66) 4-Methyl-2-pentanone	7.810	58	2628	1.972	ug/L #	1
67) Tetrachloroethene	7.801	166	6888	1.675	ug/L	94
69) trans-1,3-Dichloropropene	7.850	75	9501	1.691	ug/L	95
71) Ethyl methacrylate	8.043	69	7925	1.707	ug/L	93
72) 1,1,2-Trichloroethane	8.025	83	4865	1.799	ug/L	96
73) Chlorodibromomethane	8.236	129	6099	1.688	ug/L	94
74) 1,3-Dichloropropane	8.341	76	10966	1.780	ug/L	97
75) 1,2-Dibromoethane	8.512	107	5975	1.897	ug/L	94
77) 2-Hexanone	8.798	43	6456	1.957	ug/L	95
78) Chlorobenzene	9.149	112	24095	1.832	ug/L	95
79) Ethylbenzene	9.192	91	43647	1.740	ug/L	97
80) 1,1,1,2-Tetrachloroethane	9.236	131	6624	1.855	ug/L	96
81) p/m Xylene	9.377	106	34193	3.532	ug/L	96
82) o Xylene	9.925	106	34626	3.720	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N07.D
 Acq On : 10 Nov 2025 10:53 pm
 Operator : ELAINE:PID
 Sample : I8260STD2PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 11 13:25:00 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	10.000	104	57995	3.780	ug/L	97
85)	Bromoform	10.013	173	3958	2.034	ug/L	97
87)	Isopropylbenzene	10.329	105	43636	1.737	ug/L	95
89)	Bromobenzene	10.778	156	10117	2.007	ug/L	91
90)	n-Propylbenzene	10.831	91	58825	1.853	ug/L	99
91)	1,4-Dichlorobutane	10.849	55	19372	2.039	ug/L	100
92)	1,1,2,2-Tetrachloroethane	10.924	83	9195	2.099	ug/L	96
93)	4-Ethyltoluene	10.963	105	46227	1.859	ug/L	97
94)	2-Chlorotoluene	11.003	91	36306M1	1.881	ug/L	
95)	1,3,5-Trimethylbenzene	11.069	105	39273	1.826	ug/L	99
96)	1,2,3-Trichloropropane	11.065	75	7679M6	2.036	ug/L	
97)	trans-1,4-Dichloro-2-b...	11.126	53	3749	1.946	ug/L	88
98)	4-Chlorotoluene	11.193	91	36259	1.871	ug/L	100
99)	tert-Butylbenzene	11.413	119	31806	1.746	ug/L	97
102)	1,2,4-Trimethylbenzene	11.501	105	37681	1.743	ug/L	99
103)	sec-Butylbenzene	11.611	105	48961	1.742	ug/L	98
104)	p-Isopropyltoluene	11.774	119	40010	1.751	ug/L	99
105)	1,3-Dichlorobenzene	11.831	146	21327	1.902	ug/L	100
106)	1,4-Dichlorobenzene	11.928	146	21567	1.953	ug/L	98
107)	p-Diethylbenzene	12.153	119	22037	1.606	ug/L	94
108)	n-Butylbenzene	12.210	91	37834	1.650	ug/L	97
109)	1,2-Dichlorobenzene	12.360	146	19459	1.832	ug/L	95
110)	1,2,4,5-Tetramethylben...	12.959	119	33475	1.549	ug/L	98
111)	1,2-Dibromo-3-chloropr...	13.149	155	1099	1.681	ug/L #	77
112)	1,3,5-Trichlorobenzene	13.175	180	13108	1.903	ug/L	94
113)	Hexachlorobutadiene	13.757	225	2814	1.604	ug/L	92
114)	1,2,4-Trichlorobenzene	13.783	180	9580	1.710	ug/L	97
115)	Naphthalene	14.069	128	21912	1.605	ug/L	100
116)	1,2,3-Trichlorobenzene	14.241	180	8341	1.774	ug/L	96

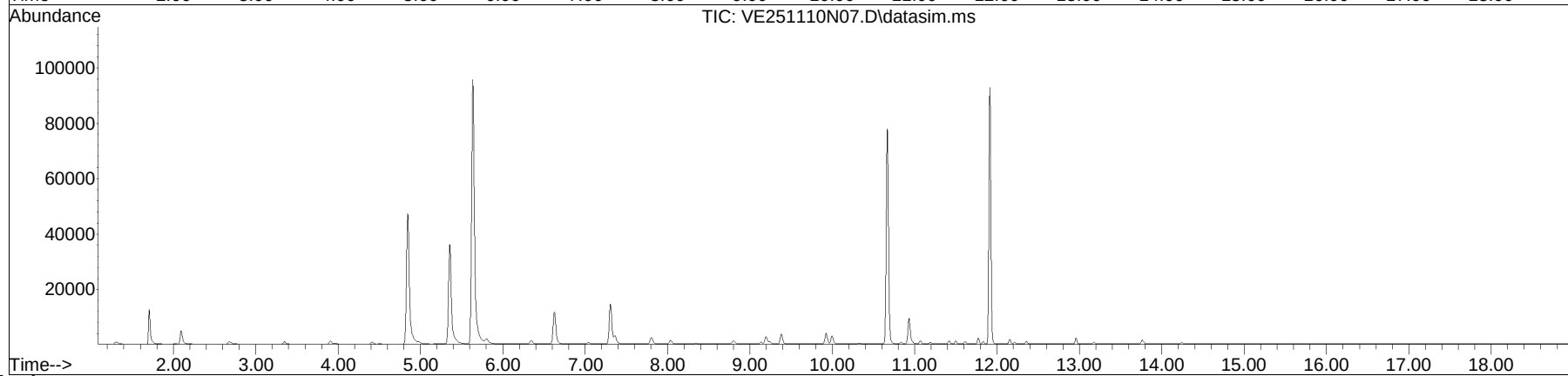
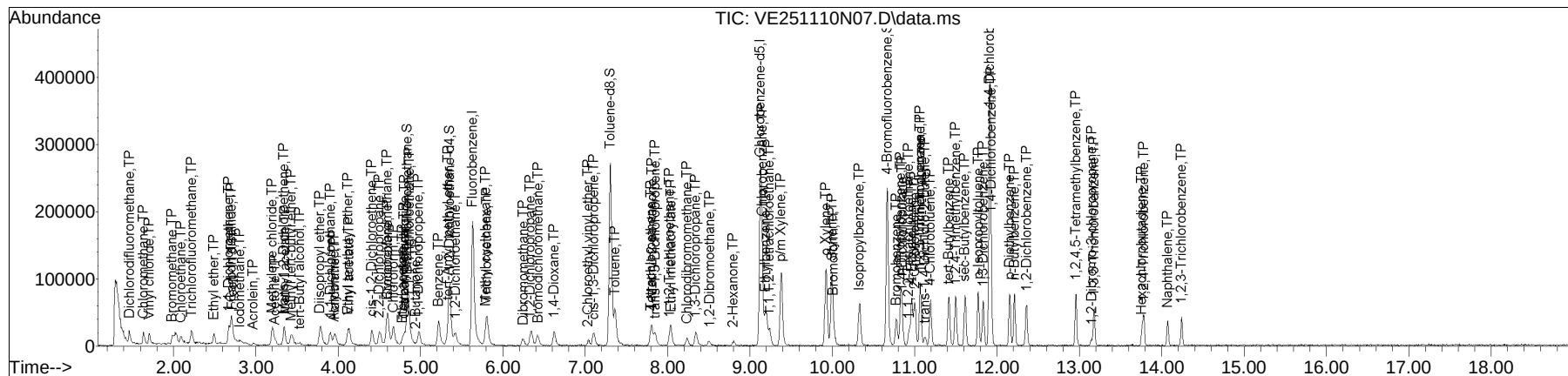
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

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Data Path   : K:\Elaine\2025\251110NICAL\  
Data File  : VE251110N07.D  
Acq On     : 10 Nov 2025  10:53 pm  
Operator   : ELAINE:PID  
Sample     : I8260STD2PPB  
Misc       : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)  
ALS Vial   : 7      Sample Multiplier: 1
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Quant Time: Nov 11 13:25:00 2025
Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 11 13:18:06 2025
Response via : Initial Calibration

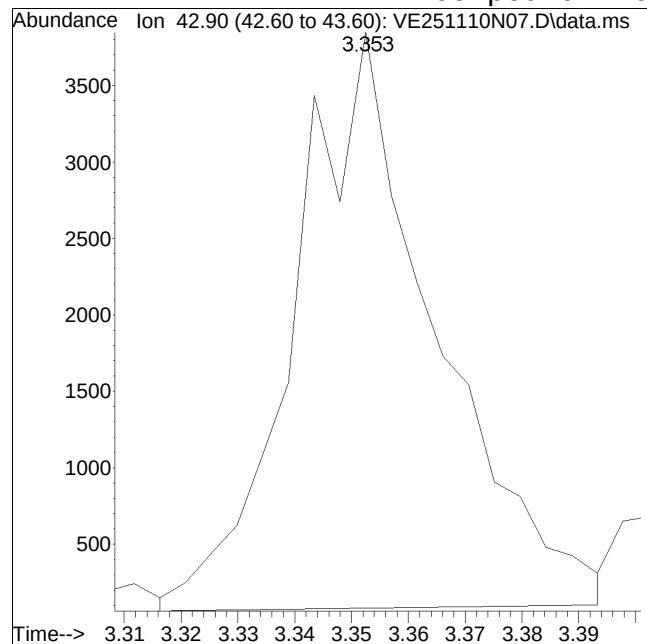
Sub List : 8260-Curve - Megamix plus Diox\VE251110N09.D•



Manual Integration Report

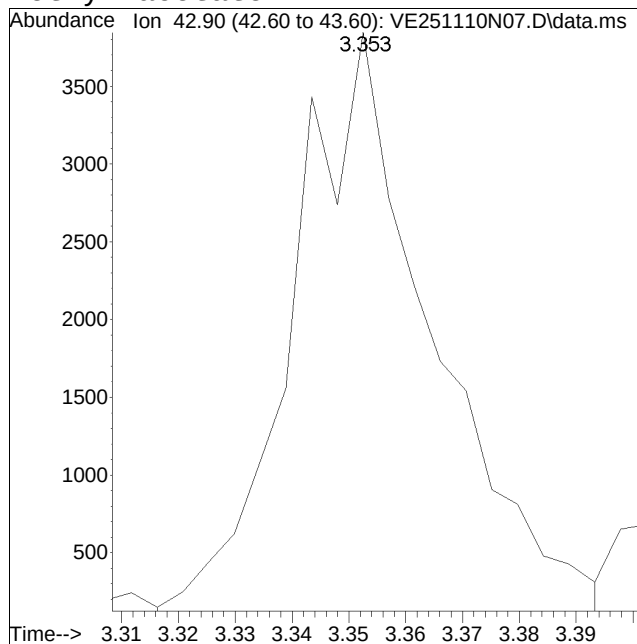
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N07.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:53 pm Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 11/11/2025 1:18 pm

Compound #19: Methyl acetate



Original Peak Response = 6455

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

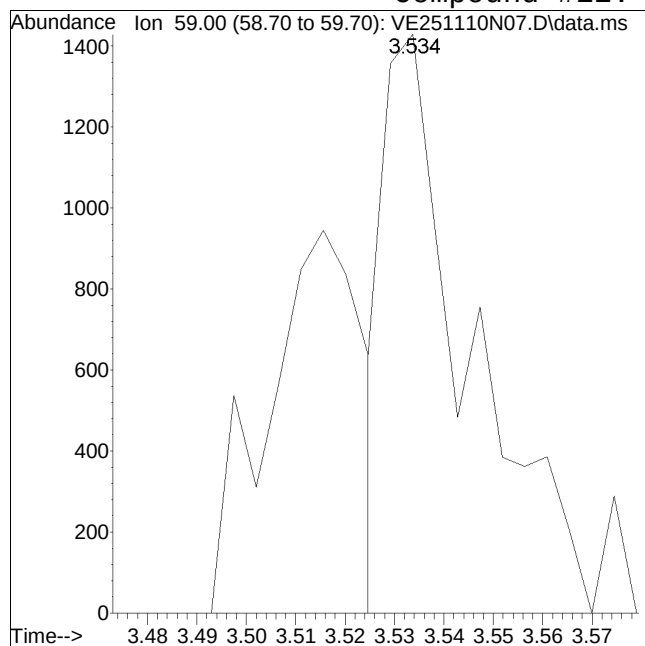


Manual Peak Response = 6258 M6

Manual Integration Report

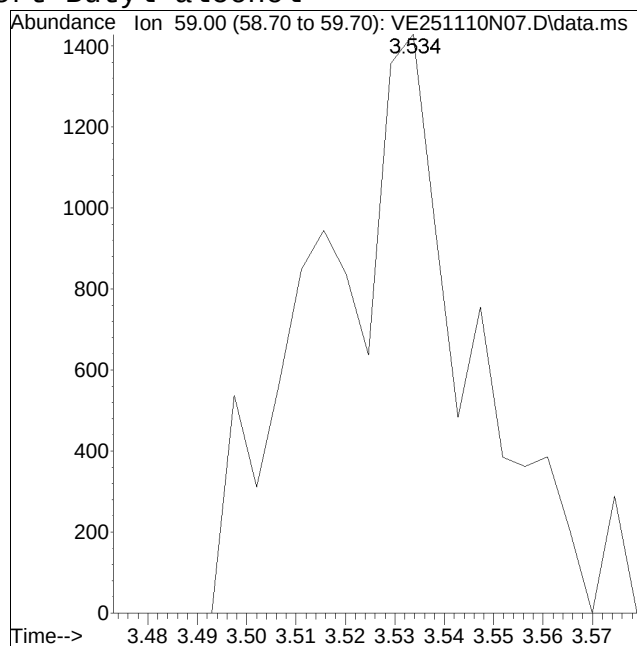
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N07.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:53 pm Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 11/11/2025 1:18 pm

Compound #22: tert-Butyl alcohol



Original Peak Response = 1714

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

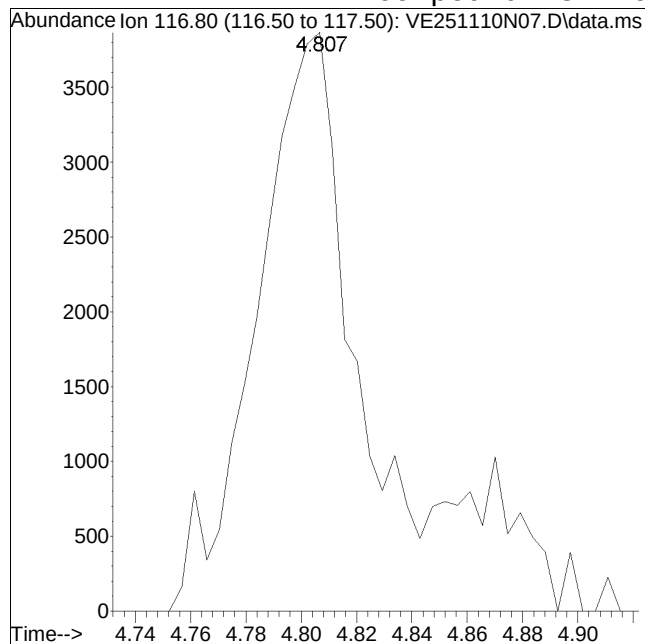


Manual Peak Response = 2986 M1

Manual Integration Report

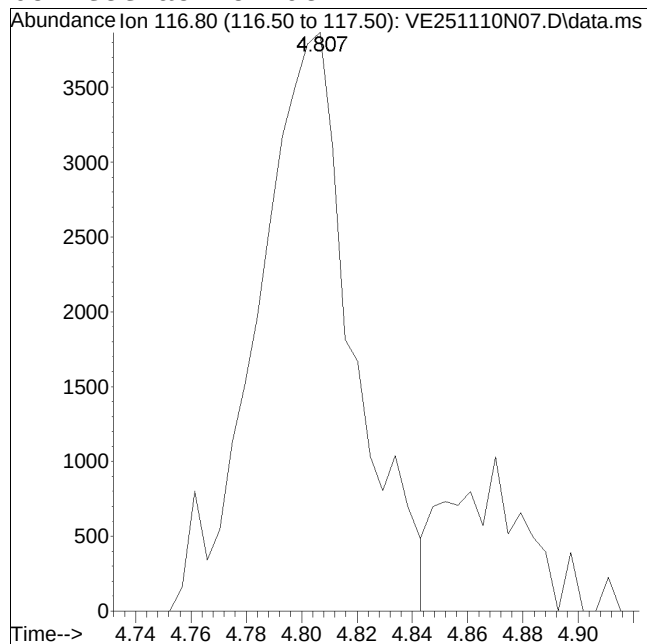
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N07.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:53 pm Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 11/11/2025 1:18 pm

Compound #37: Carbon tetrachloride



Original Peak Response = 11152

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

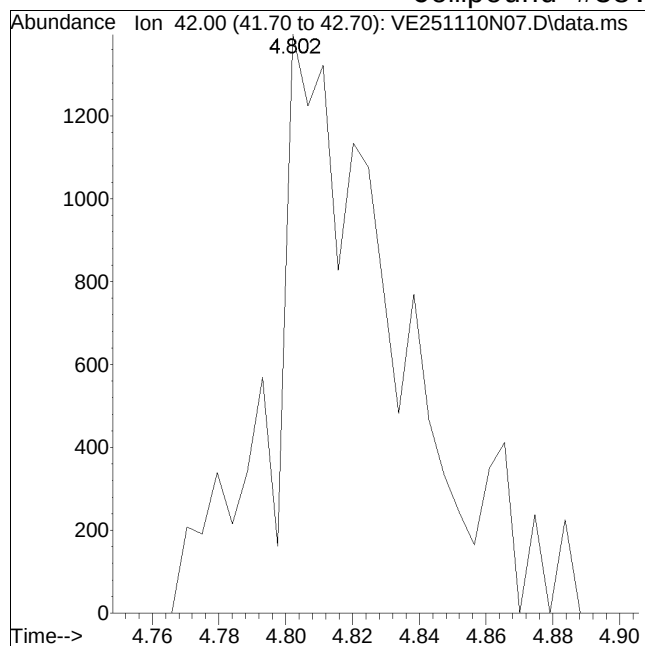


Manual Peak Response = 9252 M6

Manual Integration Report

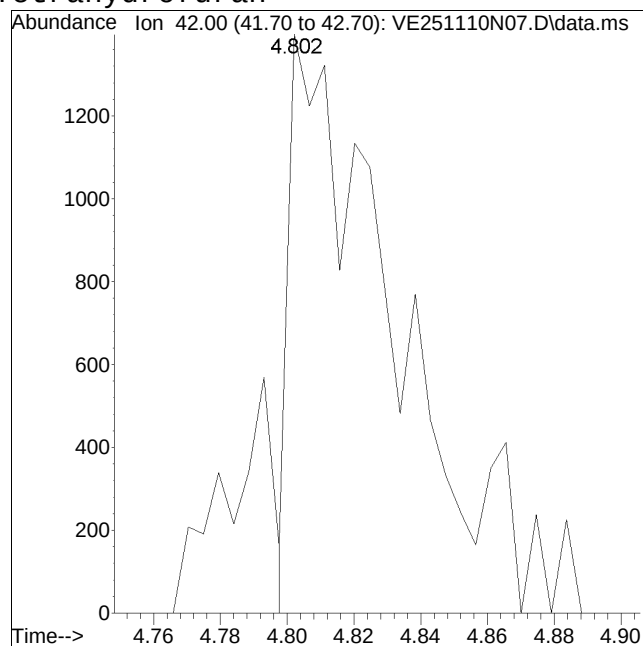
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N07.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:53 pm Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 11/11/2025 1:18 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 3661

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

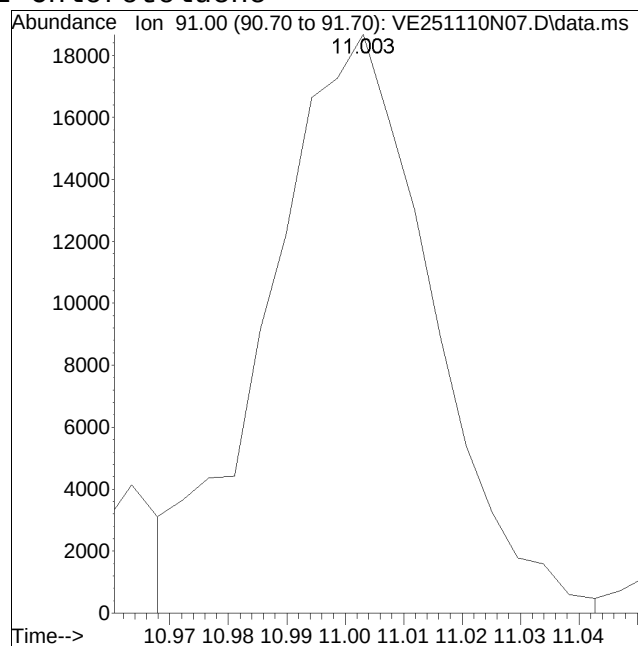
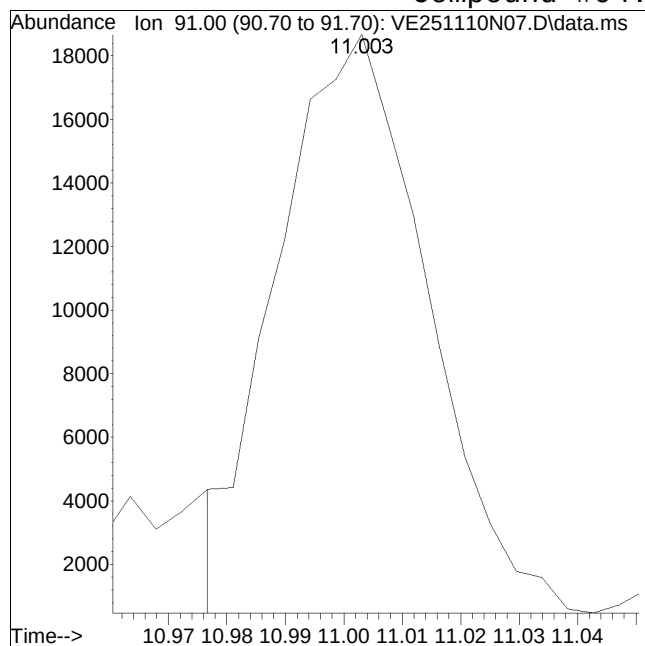


Manual Peak Response = 2985 M6

Manual Integration Report

Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N07.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:53 pm Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 11/11/2025 1:18 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 32307

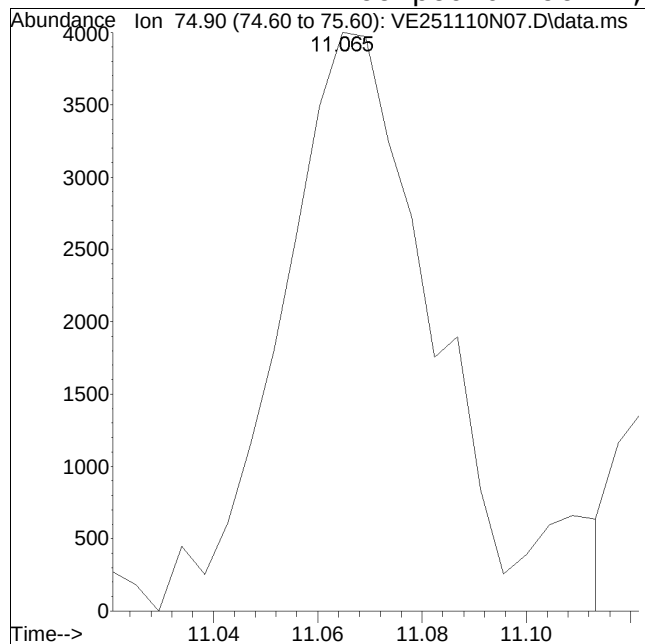
Manual Peak Response = 36306 M1

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

Manual Integration Report

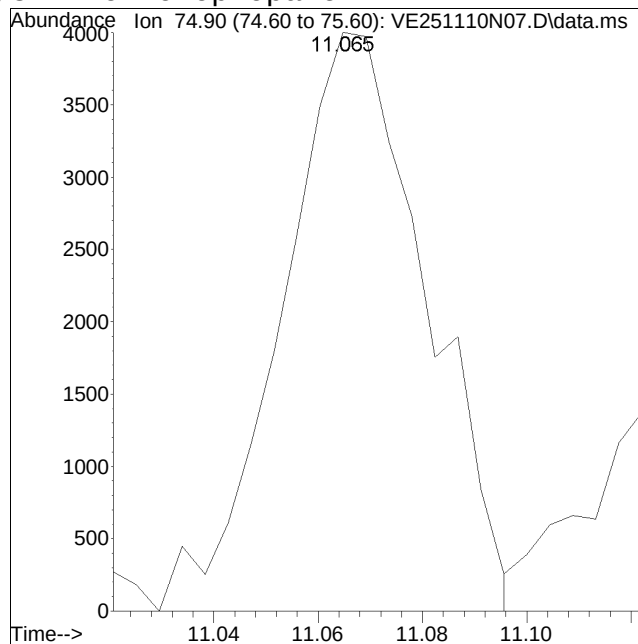
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N07.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 10:53 pm Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 11/11/2025 1:18 pm

Compound #96: 1,2,3-Trichloropropane



Original Peak Response = 8282

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



Manual Peak Response = 7679 M6

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N09.D
 Acq On : 10 Nov 2025 11:42 pm
 Operator : ELAINE:PID
 Sample : I8260STD10PPB
 Misc : WG2140152, ICAL (Sig #1); WG, ICAL22753 (Sig #2)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 11 13:17:51 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:15:48 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.634	96	194422	10.000	ug/L	0.00
Standard Area 1 = 194422			Recovery	=	100.00%	
63) Chlorobenzene-d5	9.131	117	153144	10.000	ug/L	0.00
Standard Area 1 = 153144			Recovery	=	100.00%	
84) 1,4-Dichlorobenzene-d4	11.911	152	86422	10.000	ug/L	0.00
Standard Area 1 = 86422			Recovery	=	100.00%	
System Monitoring Compounds						
39) Dibromofluoromethane	4.843	113	56374	10.009	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	100.09%	
47) 1,2-Dichloroethane-d4	5.353	65	75805	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	100.00%	
64) Toluene-d8	7.306	98	209211	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	100.00%	
88) 4-Bromofluorobenzene	10.664	95	82356	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	100.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.468	85	79620	10.000	ug/L	100
3) Chloromethane	1.635	50	98327	10.000	ug/L	100
4) Vinyl chloride	1.703	62	83772	10.000	ug/L	100
5) Bromomethane	1.984	94	28686	10.000	ug/L	100
6) Chloroethane	2.093	64	51912	10.000	ug/L	100
7) Trichlorofluoromethane	2.220	101	100082	10.000	ug/L	100
8) Ethyl ether	2.492	74	25251	10.000	ug/L	100
10) 1,1-Dichloroethene	2.677	96	50926	10.000	ug/L	100
11) Carbon disulfide	2.704	76	171584	10.000	ug/L	100
12) Freon-113	2.714	101	49694	10.012	ug/L	100
13) Iodomethane	2.809	142	23416	10.000	ug/L	99
14) Acrolein	2.981	56	6011	10.000	ug/L	100
15) Methylene chloride	3.203	84	57157	10.000	ug/L	100
17) Acetone	3.235	43	18378M6	10.000	ug/L	
18) trans-1,2-Dichloroethene	3.348	96	46689	10.000	ug/L	100
19) Methyl acetate	3.352	43	30210M6	10.000	ug/L	
21) Methyl tert-butyl ether	3.443	73	88215	10.000	ug/L #	100
22) tert-Butyl alcohol	3.529	59	16000	50.000	ug/L #	100
24) Diisopropyl ether	3.792	45	200030	10.023	ug/L	100
25) 1,1-Dichloroethane	3.909	63	126094	10.000	ug/L	100
26) Halothane	3.968	117	30594	10.000	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N09.D
 Acq On : 10 Nov 2025 11:42 pm
 Operator : ELAINE:PID
 Sample : I8260STD10PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 11 13:17:51 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:15:48 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	3.946	53	17587	10.000	ug/L	100
28) Ethyl tert-butyl ether	4.127	59	131438	10.000	ug/L	100
29) Vinyl acetate	4.131	43	106061	10.014	ug/L	100
30) cis-1,2-Dichloroethene	4.412	96	54256	9.992	ug/L	100
31) 2,2-Dichloropropane	4.503	77	76717	10.000	ug/L	100
33) Bromochloromethane	4.598	128	24294	10.000	ug/L	100
34) Cyclohexane	4.603	56	121029	10.000	ug/L	100
35) Chloroform	4.671	83	99891	10.000	ug/L	100
36) Ethyl acetate	4.779	43	42057	10.015	ug/L	100
37) Carbon tetrachloride	4.797	117	60740M6	10.000	ug/L	
38) Tetrahydrofuran	4.802	42	16340M4	10.000	ug/L	
40) 1,1,1-Trichloroethane	4.861	97	75062	10.000	ug/L	100
42) 2-Butanone	4.951	43	21191	10.000	ug/L	100
43) 1,1-Dichloropropene	4.983	75	58887	10.000	ug/L	100
45) Benzene	5.226	78	191916	10.008	ug/L	100
46) tert-Amyl methyl ether	5.335	73	88900	10.020	ug/L	100
48) 1,2-Dichloroethane	5.427	62	73833	10.000	ug/L	100
51) Methyl cyclohexane	5.796	83	72243	10.000	ug/L	100
52) Trichloroethene	5.814	95	45059	10.000	ug/L	100
54) Dibromomethane	6.239	93	27100	10.000	ug/L	100
55) 1,2-Dichloropropane	6.345	63	56672	10.000	ug/L	100
57) 2-Chloroethyl vinyl ether	7.042	63	22393	10.000	ug/L	100
58) Bromodichloromethane	6.428	83	59686	10.000	ug/L	100
61) 1,4-Dioxane	6.621	88	17599	498.386	ug/L	100
62) cis-1,3-Dichloropropene	7.104	75	67351	10.000	ug/L	100
65) Toluene	7.363	92	120061	10.004	ug/L	100
66) 4-Methyl-2-pentanone	7.793	58	13716	10.000	ug/L	100
67) Tetrachloroethene	7.806	166	42317	9.987	ug/L	100
69) trans-1,3-Dichloropropene	7.850	75	57823	10.000	ug/L	100
71) Ethyl methacrylate	8.038	69	47783	10.000	ug/L	100
72) 1,1,2-Trichloroethane	8.030	83	27838	10.000	ug/L	100
73) Chlorodibromomethane	8.231	129	37190	9.900	ug/L	99
74) 1,3-Dichloropropane	8.345	76	63419	10.000	ug/L	100
75) 1,2-Dibromoethane	8.508	107	32424	10.000	ug/L	100
77) 2-Hexanone	8.793	43	33962	10.000	ug/L	100
78) Chlorobenzene	9.153	112	135345	10.000	ug/L	100
79) Ethylbenzene	9.192	91	258149	10.000	ug/L	100
80) 1,1,1,2-Tetrachloroethane	9.241	131	36753	10.000	ug/L	100
81) p/m Xylene	9.381	106	199282	20.000	ug/L	100
82) o Xylene	9.921	106	191596	20.006	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N09.D
 Acq On : 10 Nov 2025 11:42 pm
 Operator : ELAINE:PID
 Sample : I8260STD10PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 11 13:17:51 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:15:48 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	9.995	104	315831	20.000	ug/L	100
85)	Bromoform	10.022	173	20305	10.000	ug/L	100
87)	Isopropylbenzene	10.329	105	262113	9.974	ug/L	100
89)	Bromobenzene	10.774	156	52591	9.989	ug/L	100
90)	n-Propylbenzene	10.831	91	331326	10.046	ug/L	100
91)	1,4-Dichlorobutane	10.849	55	99130	10.000	ug/L	100
92)	1,1,2,2-Tetrachloroethane	10.928	83	45711	10.000	ug/L	100
93)	4-Ethyltoluene	10.968	105	259454	10.000	ug/L	100
94)	2-Chlorotoluene	11.003	91	201365M6	10.000	ug/L	
95)	1,3,5-Trimethylbenzene	11.069	105	224418	10.000	ug/L	100
96)	1,2,3-Trichloropropane	11.069	75	39358	10.000	ug/L	100
97)	trans-1,4-Dichloro-2-b...	11.122	53	20101	10.000	ug/L	100
98)	4-Chlorotoluene	11.188	91	202227	10.000	ug/L	100
99)	tert-Butylbenzene	11.417	119	190055	10.000	ug/L	100
102)	1,2,4-Trimethylbenzene	11.496	105	225559	10.000	ug/L	100
103)	sec-Butylbenzene	11.611	105	293218	9.997	ug/L	100
104)	p-Isopropyltoluene	11.770	119	238369	10.000	ug/L	100
105)	1,3-Dichlorobenzene	11.831	146	116978	10.000	ug/L	100
106)	1,4-Dichlorobenzene	11.928	146	115241	10.000	ug/L	100
107)	p-Diethylbenzene	12.153	119	143162	10.000	ug/L	100
108)	n-Butylbenzene	12.210	91	239286	9.997	ug/L	100
109)	1,2-Dichlorobenzene	12.356	146	110860	10.000	ug/L	100
110)	1,2,4,5-Tetramethylben...	12.955	119	225500	9.997	ug/L	100
111)	1,2-Dibromo-3-chloropr...	13.149	155	6823	10.000	ug/L	100
112)	1,3,5-Trichlorobenzene	13.175	180	71884	10.000	ug/L	100
113)	Hexachlorobutadiene	13.761	225	18303	10.000	ug/L	100
114)	1,2,4-Trichlorobenzene	13.779	180	58466	10.000	ug/L	100
115)	Naphthalene	14.069	128	142468	10.000	ug/L	100
116)	1,2,3-Trichlorobenzene	14.237	180	49063	10.000	ug/L	100

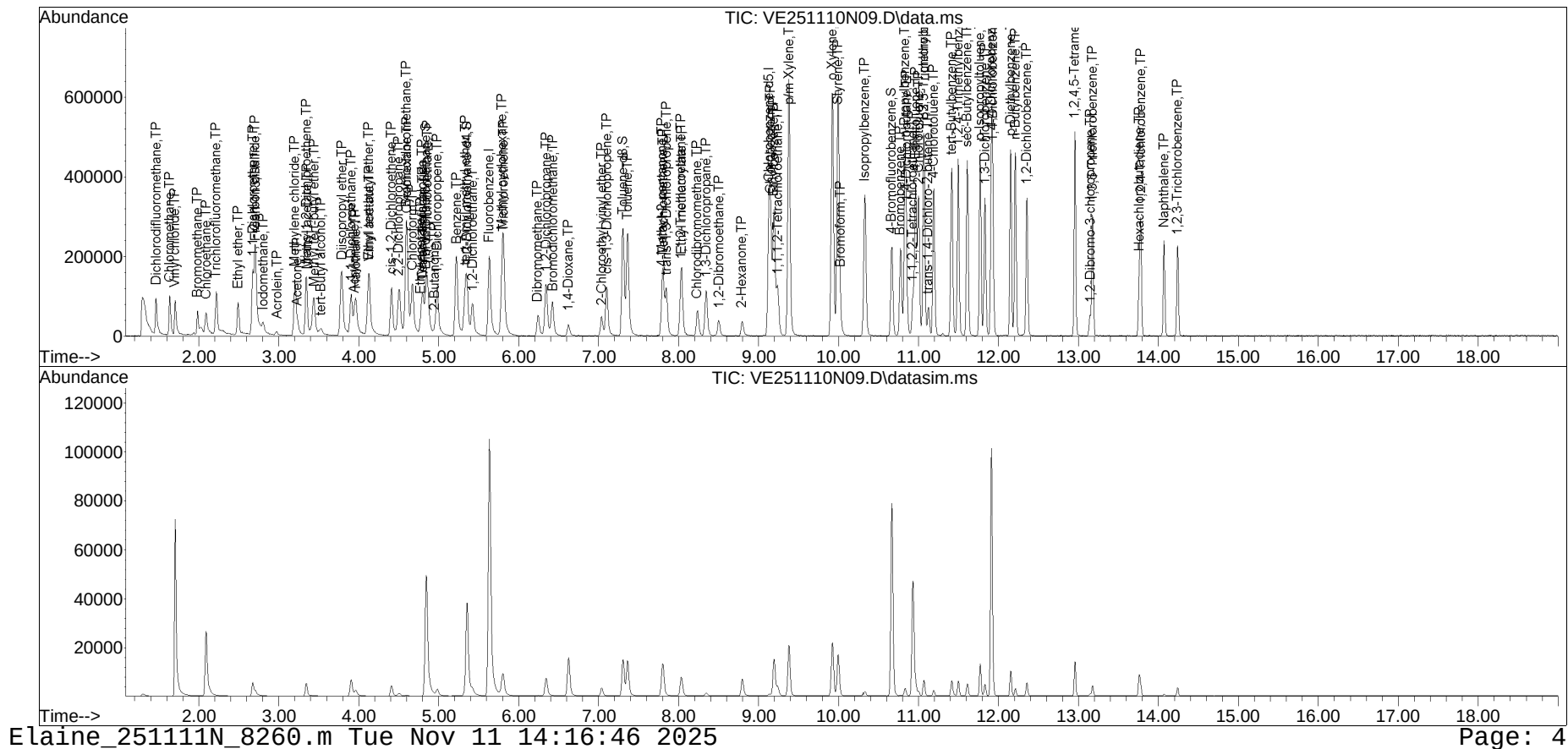
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
Data File : VE251110N09.D
Acq On : 10 Nov 2025 11:42 pm
Operator : ELAINE:PID
Sample : I8260STD10PPB
Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 11 13:17:51 2025
Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 11 13:15:48 2025
Response via : Initial Calibration

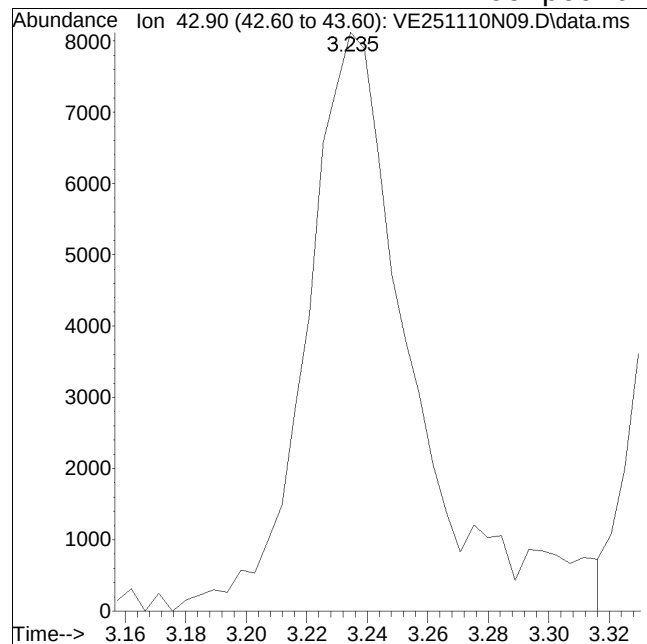
Sub List : 8260-Curve - Megamix plus Diox\VE251110N09.D•



Manual Integration Report

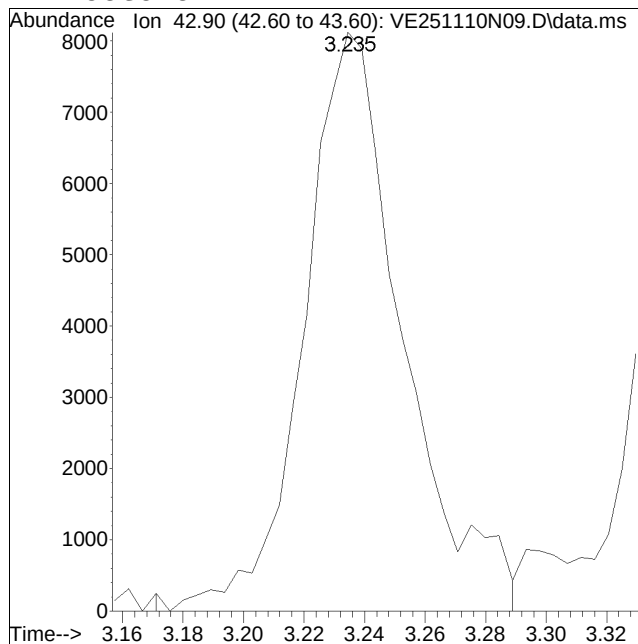
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Data File : VE251110N09.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 11:42 pm Instrument : Elaine
Sample : I8260STD10PPB Quant Date : 11/11/2025 1:17 pm

Compound #17: Acetone



Original Peak Response = 19638

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

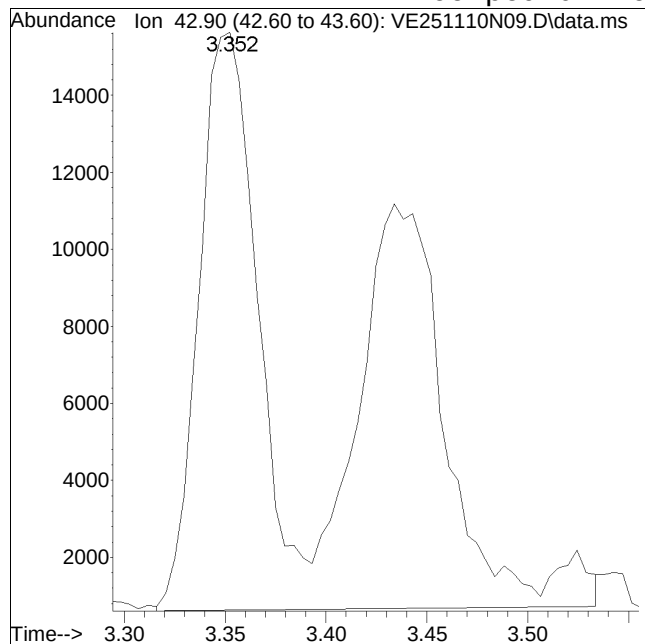


Manual Peak Response = 18378 M6

Manual Integration Report

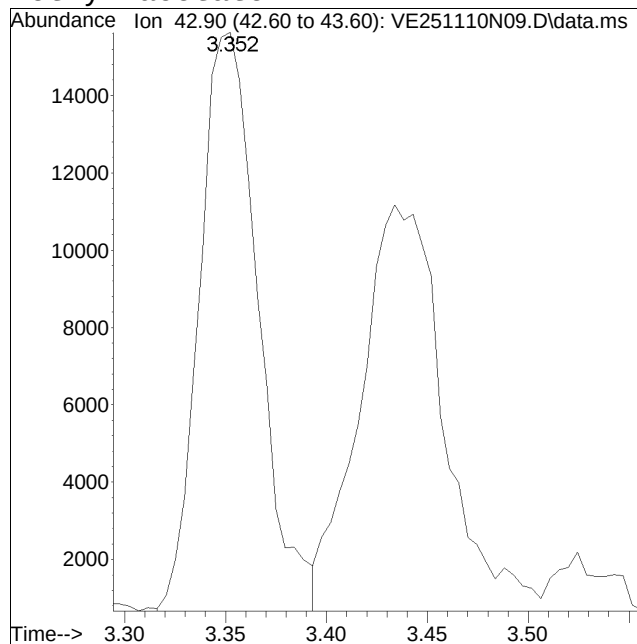
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Data File : VE251110N09.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 11:42 pm Instrument : Elaine
Sample : I8260STD10PPB Quant Date : 11/11/2025 1:17 pm

Compound #19: Methyl acetate



Original Peak Response = 62271

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

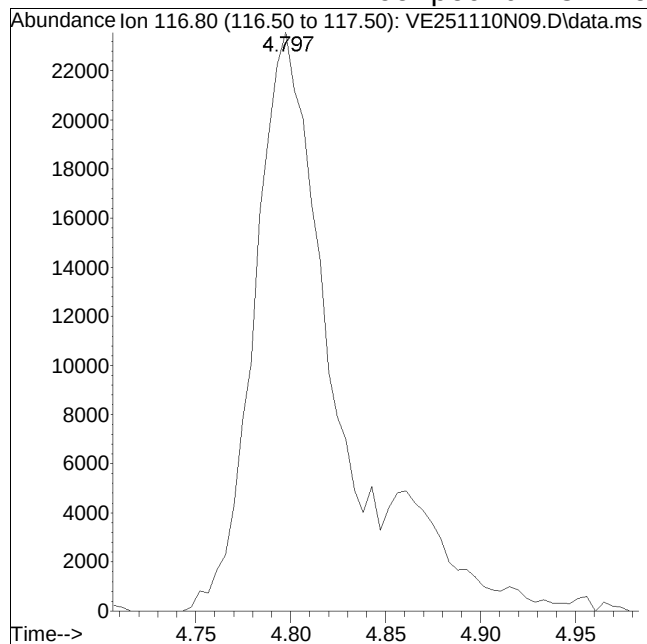


Manual Peak Response = 30210 M6

Manual Integration Report

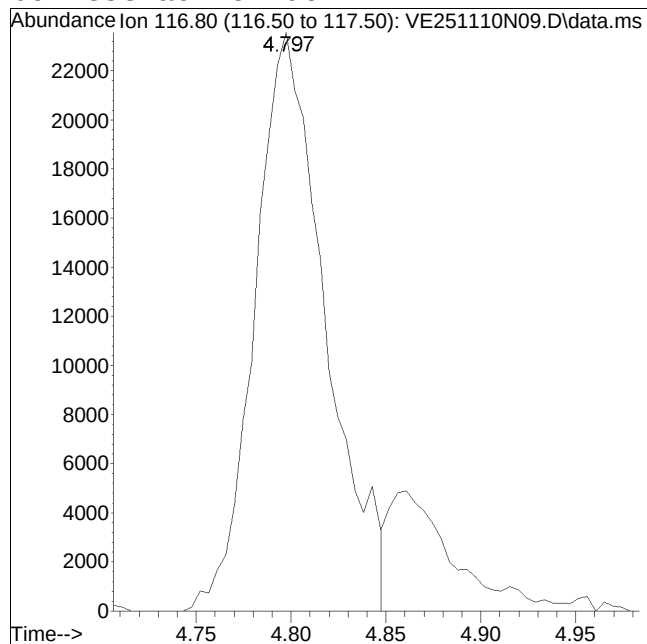
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N09.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 11:42 pm Instrument : Elaine
Sample : I8260STD10PPB Quant Date : 11/11/2025 1:17 pm

Compound #37: Carbon tetrachloride



Original Peak Response = 72637

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

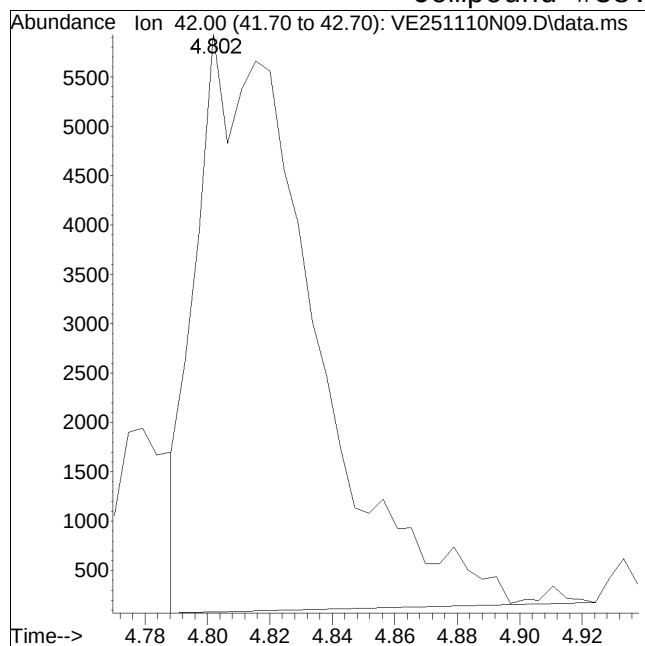


Manual Peak Response = 60740 M6

Manual Integration Report

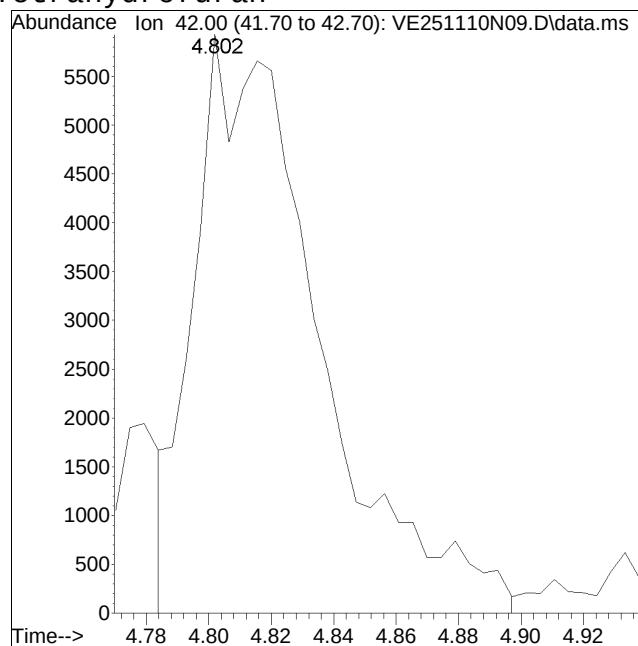
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Data File : VE251110N09.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 11:42 pm Instrument : Elaine
Sample : I8260STD10PPB Quant Date : 11/11/2025 1:17 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 15235

M4 = Poor automated baseline construction.

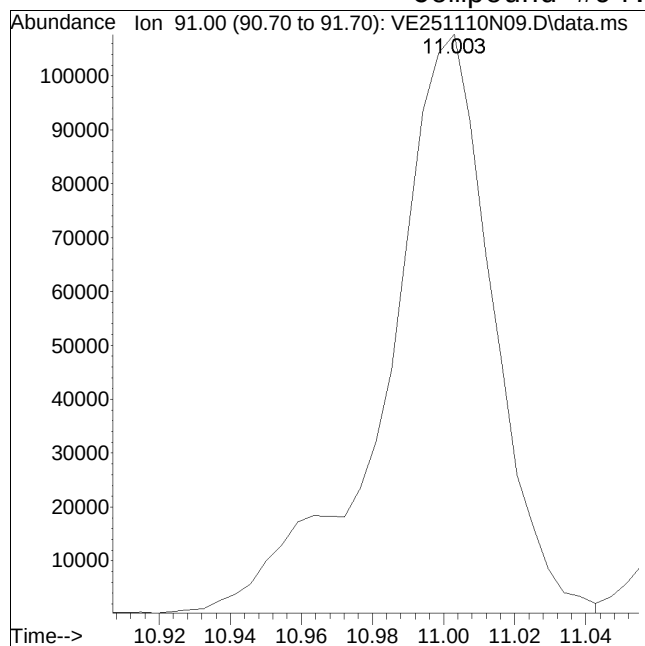


Manual Peak Response = 16340 M4

Manual Integration Report

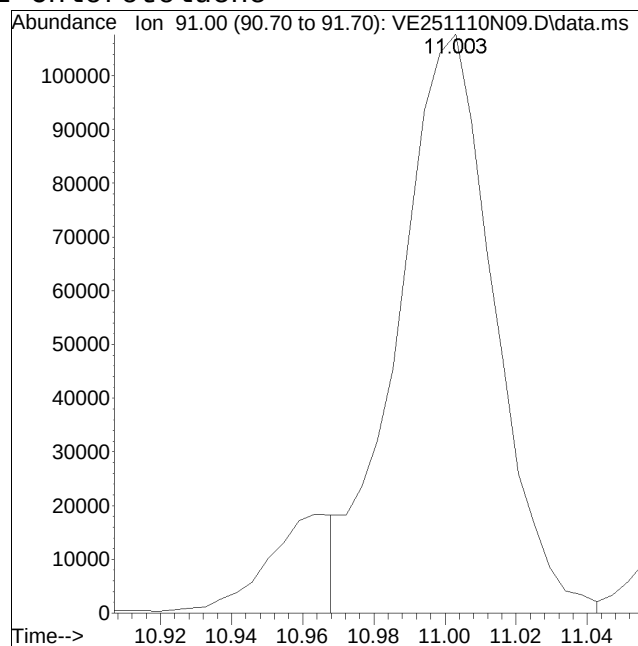
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Data File : VE251110N09.D Operator : ELAINE:PID
Date Inj'd : 11/10/2025 11:42 pm Instrument : Elaine
Sample : I8260STD10PPB Quant Date : 11/11/2025 1:17 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 223241

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



Manual Peak Response = 201365 M6

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N10.D
 Acq On : 11 Nov 2025 12:06 am
 Operator : ELAINE:PID
 Sample : I8260STD30PPB
 Misc : WG2140152, ICAL (Sig #1); WG, ICAL22753 (Sig #2)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 12 11:45:28 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.634	96	215474M6	10.000	ug/L	0.00
Standard Area 1 = 194422			Recovery =	110.83%		
63) Chlorobenzene-d5	9.131	117	163526	10.000	ug/L	0.00
Standard Area 1 = 153144			Recovery =	106.78%		
84) 1,4-Dichlorobenzene-d4	11.911	152	92062	10.000	ug/L	0.00
Standard Area 1 = 86422			Recovery =	106.53%		
System Monitoring Compounds						
39) Dibromofluoromethane	4.843	113	57660	9.229	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	92.29%		
47) 1,2-Dichloroethane-d4	5.357	65	90332	10.752	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	107.52%		
64) Toluene-d8	7.301	98	221884	9.932	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.32%		
88) 4-Bromofluorobenzene	10.668	95	84352	9.615	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.15%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.468	85	226655	25.686	ug/L	98
3) Chloromethane	1.640	50	292724	26.862	ug/L	96
4) Vinyl chloride	1.703	62	238564	25.695	ug/L	99
5) Bromomethane	1.984	94	97506	30.670	ug/L	98
6) Chloroethane	2.088	64	159431	27.711	ug/L	96
7) Trichlorofluoromethane	2.220	101	277260	24.997	ug/L	97
8) Ethyl ether	2.492	74	84930	30.348	ug/L	95
10) 1,1-Dichloroethene	2.677	96	157082	27.832	ug/L	97
11) Carbon disulfide	2.705	76	502138	26.406	ug/L	100
12) Freon-113	2.709	101	150009	27.237	ug/L	95
13) Iodomethane	2.809	142	100116	38.578	ug/L	95
14) Acrolein	2.976	56	26565	39.876	ug/L	81
15) Methylene chloride	3.203	84	171434	27.063	ug/L	96
17) Acetone	3.239	43	54677	26.845	ug/L #	91
18) trans-1,2-Dichloroethene	3.348	96	151947	29.365	ug/L	98
19) Methyl acetate	3.352	43	101144M6	30.209	ug/L	
21) Methyl tert-butyl ether	3.438	73	328277	33.578	ug/L #	97
22) tert-Butyl alcohol	3.534	59	52318	147.520	ug/L #	100
24) Diisopropyl ether	3.787	45	724093	32.663	ug/L	98
25) 1,1-Dichloroethane	3.905	63	392637	28.096	ug/L	99
26) Halothane	3.964	117	103690	30.581	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N10.D
 Acq On : 11 Nov 2025 12:06 am
 Operator : ELAINE:PID
 Sample : I8260STD30PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 12 11:45:28 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	3.946	53	61305	31.452	ug/L	95
28) Ethyl tert-butyl ether	4.127	59	488077	33.506	ug/L	92
29) Vinyl acetate	4.132	43	449426	38.234	ug/L	100
30) cis-1,2-Dichloroethene	4.412	96	177403	29.503	ug/L	99
31) 2,2-Dichloropropane	4.508	77	263844	31.032	ug/L #	89
33) Bromochloromethane	4.598	128	74639	27.722	ug/L	97
34) Cyclohexane	4.603	56	396146	29.534	ug/L	100
35) Chloroform	4.671	83	301029	27.191	ug/L	99
36) Ethyl acetate	4.779	43	151077	32.412	ug/L #	97
37) Carbon tetrachloride	4.797	117	198542M6	29.494	ug/L	
38) Tetrahydrofuran	4.811	42	55501M6	30.648	ug/L	
40) 1,1,1-Trichloroethane	4.861	97	250781	30.146	ug/L	98
42) 2-Butanone	4.947	43	72607	30.916	ug/L	98
43) 1,1-Dichloropropene	4.979	75	214994	32.943	ug/L	99
45) Benzene	5.221	78	647068	30.422	ug/L	99
46) tert-Amyl methyl ether	5.335	73	332594	33.757	ug/L	96
48) 1,2-Dichloroethane	5.423	62	254315	31.079	ug/L	99
51) Methyl cyclohexane	5.796	83	259336	32.390	ug/L	94
52) Trichloroethene	5.809	95	153309	30.700	ug/L	98
54) Dibromomethane	6.244	93	92414	30.769	ug/L	98
55) 1,2-Dichloropropane	6.345	63	201807	32.131	ug/L	100
57) 2-Chloroethyl vinyl ether	7.038	63	83925	33.817	ug/L	99
58) Bromodichloromethane	6.419	83	222869	33.692	ug/L	95
61) 1,4-Dioxane	6.630	88	24193	620.186	ug/L	96
62) cis-1,3-Dichloropropene	7.104	75	252952	33.888	ug/L	99
65) Toluene	7.363	92	379867	29.631	ug/L	99
66) 4-Methyl-2-pentanone	7.797	58	47670	32.548	ug/L	98
67) Tetrachloroethene	7.806	166	132992	29.432	ug/L	99
69) trans-1,3-Dichloropropene	7.845	75	212743	34.456	ug/L	100
71) Ethyl methacrylate	8.034	69	164412	32.224	ug/L	99
72) 1,1,2-Trichloroethane	8.030	83	98815	33.243	ug/L	98
73) Chlorodibromomethane	8.236	129	133538	33.627	ug/L	98
74) 1,3-Dichloropropane	8.341	76	220578	32.573	ug/L	99
75) 1,2-Dibromoethane	8.499	107	114145	32.969	ug/L	97
77) 2-Hexanone	8.797	43	116292	32.068	ug/L	98
78) Chlorobenzene	9.153	112	424203	29.352	ug/L	99
79) Ethylbenzene	9.192	91	815669	29.591	ug/L	99
80) 1,1,1,2-Tetrachloroethane	9.241	131	129363	32.963	ug/L	98
81) p/m Xylene	9.377	106	602120	56.592	ug/L	95
82) o Xylene	9.925	106	604042	59.051	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N10.D
 Acq On : 11 Nov 2025 12:06 am
 Operator : ELAINE:PID
 Sample : I8260STD30PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 12 11:45:28 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	9.995	104	1042649	61.834	ug/L	99
85)	Bromoform	10.022	173	80165	37.062	ug/L	98
87)	Isopropylbenzene	10.329	105	848446	30.386	ug/L	99
89)	Bromobenzene	10.778	156	166199	29.666	ug/L	99
90)	n-Propylbenzene	10.831	91	1069288	30.296	ug/L	99
91)	1,4-Dichlorobutane	10.844	55	336042	31.822	ug/L	98
92)	1,1,2,2-Tetrachloroethane	10.928	83	152955	31.411	ug/L	99
93)	4-Ethyltoluene	10.968	105	830874	30.062	ug/L	100
94)	2-Chlorotoluene	11.003	91	609668M6	28.422	ug/L	
95)	1,3,5-Trimethylbenzene	11.069	105	742407	31.055	ug/L	100
96)	1,2,3-Trichloropropane	11.065	75	132229	31.538	ug/L	99
97)	trans-1,4-Dichloro-2-b...	11.122	53	69591	32.500	ug/L	93
98)	4-Chlorotoluene	11.193	91	642471	29.823	ug/L	99
99)	tert-Butylbenzene	11.417	119	605767	29.921	ug/L	99
102)	1,2,4-Trimethylbenzene	11.496	105	739607	30.781	ug/L	99
103)	sec-Butylbenzene	11.611	105	929738	29.766	ug/L	100
104)	p-Isopropyltoluene	11.774	119	791484	31.170	ug/L	99
105)	1,3-Dichlorobenzene	11.831	146	382513	30.696	ug/L	99
106)	1,4-Dichlorobenzene	11.928	146	369310	30.083	ug/L	100
107)	p-Diethylbenzene	12.153	119	466382	30.581	ug/L	98
108)	n-Butylbenzene	12.210	91	781413	30.655	ug/L	99
109)	1,2-Dichlorobenzene	12.356	146	361762	30.633	ug/L	99
110)	1,2,4,5-Tetramethylben...	12.955	119	738685	30.751	ug/L	99
111)	1,2-Dibromo-3-chloropr...	13.144	155	21787	29.975	ug/L	94
112)	1,3,5-Trichlorobenzene	13.179	180	234096	30.571	ug/L	98
113)	Hexachlorobutadiene	13.761	225	59028	30.275	ug/L	95
114)	1,2,4-Trichlorobenzene	13.779	180	191220	30.703	ug/L	99
115)	Naphthalene	14.069	128	493622	32.525	ug/L	100
116)	1,2,3-Trichlorobenzene	14.241	180	168125	32.168	ug/L	97

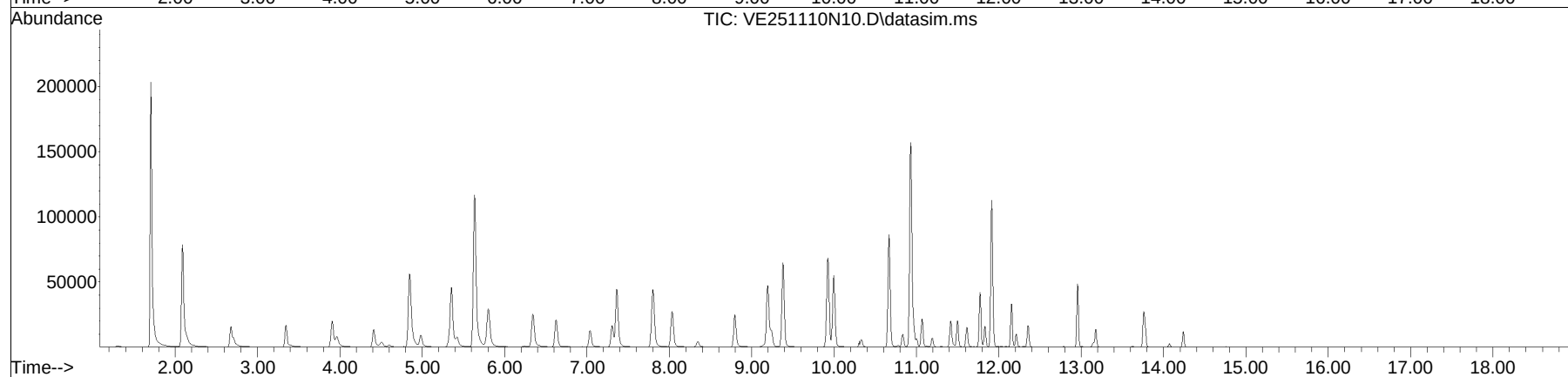
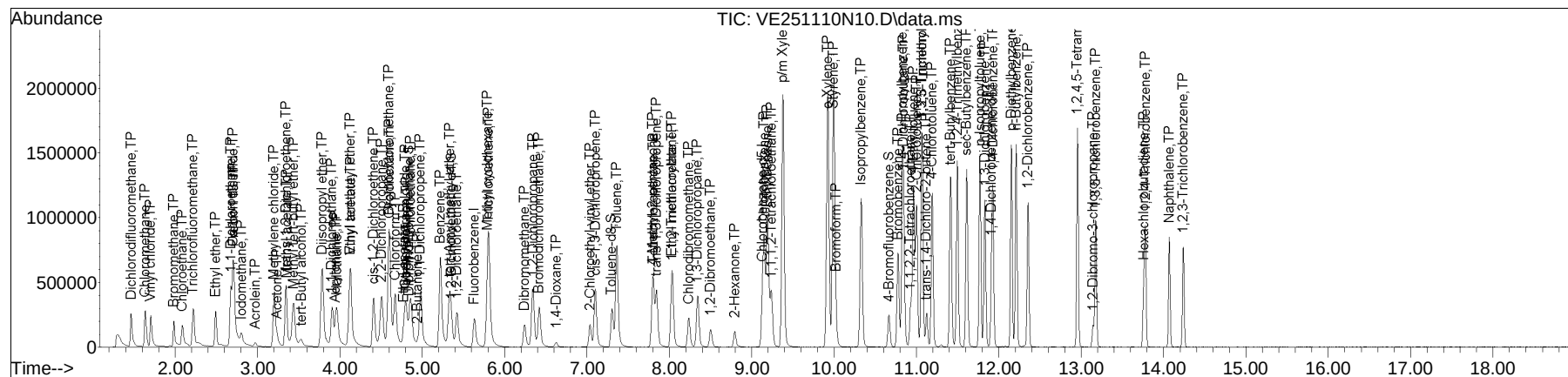
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N10.D
 Acq On : 11 Nov 2025 12:06 am
 Operator : ELAINE:PID
 Sample : I8260STD30PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 12 11:45:28 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

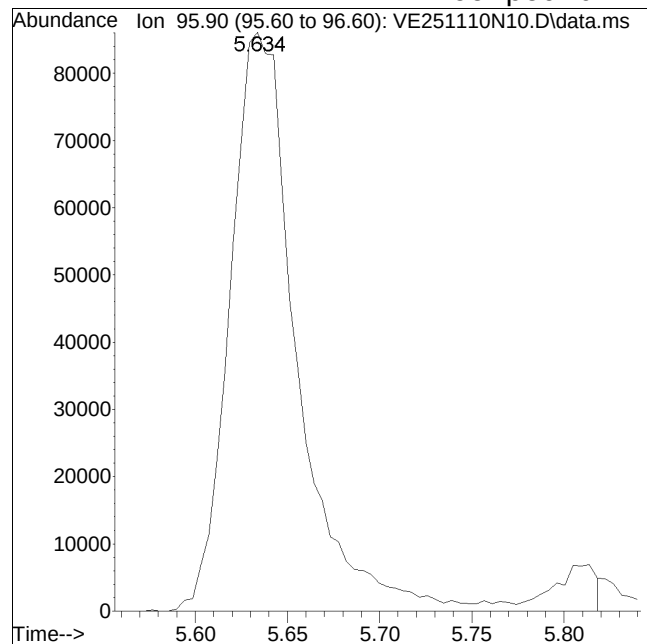
Sub List : 8260-Curve - Megamix plus Diox\VE251110N09.D•



Manual Integration Report

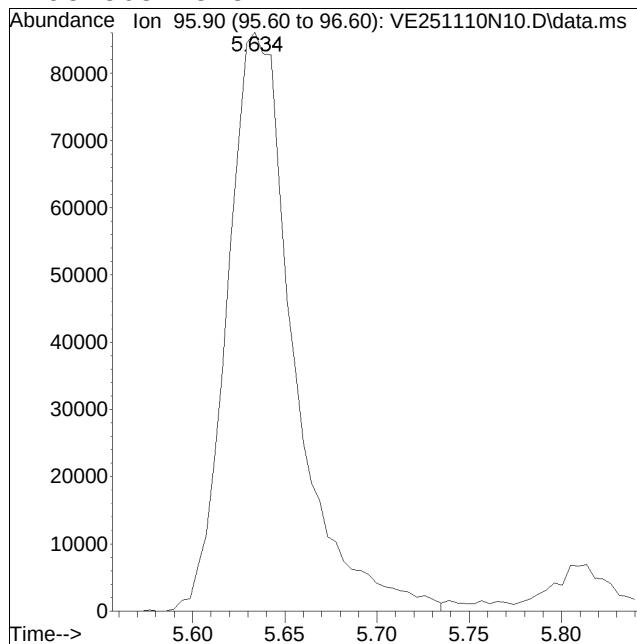
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N10.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:06 am Instrument : Elaine
Sample : I8260STD30PPB Quant Date : 11/11/2025 1:18 pm

Compound #1: Fluorobenzene



Original Peak Response = 229599

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

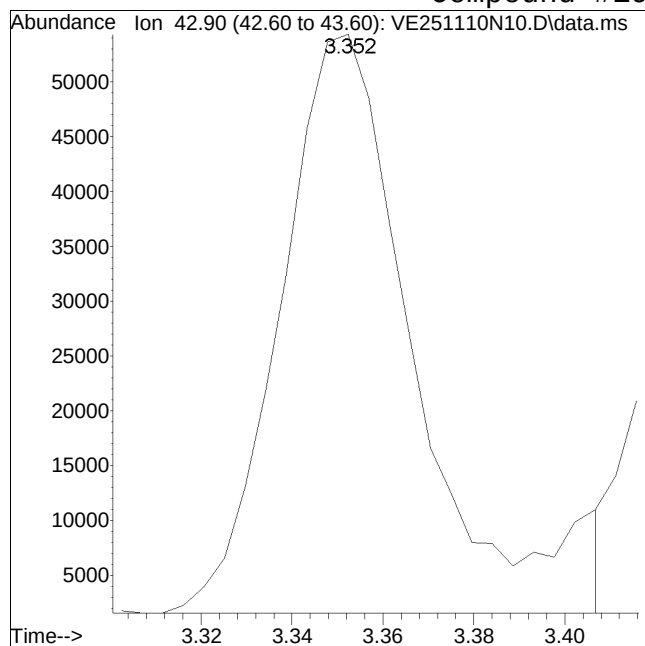


Manual Peak Response = 215474 M6

Manual Integration Report

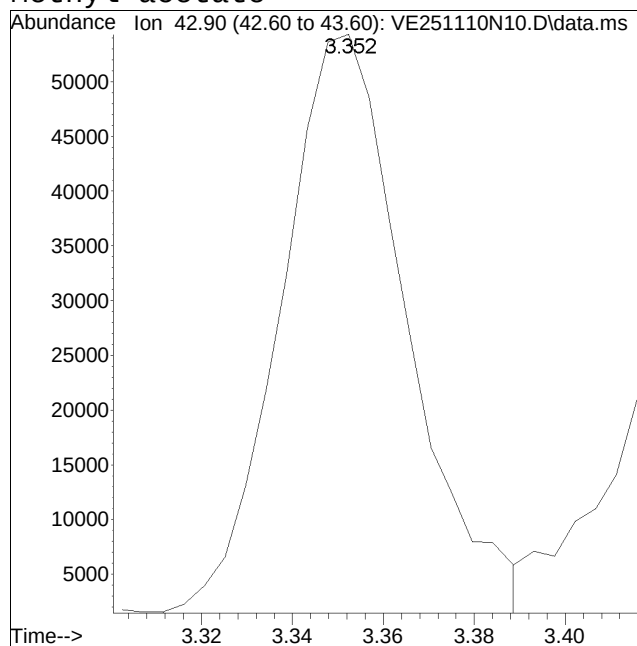
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Data File : VE251110N10.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:06 am Instrument : Elaine
Sample : I8260STD30PPB Quant Date : 11/11/2025 1:18 pm

Compound #19: Methyl acetate



Original Peak Response = 108378

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

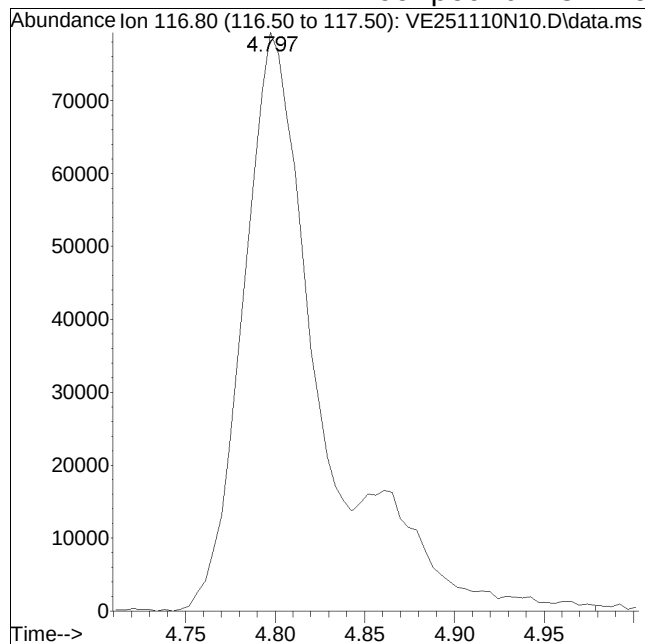


Manual Peak Response = 101144 M6

Manual Integration Report

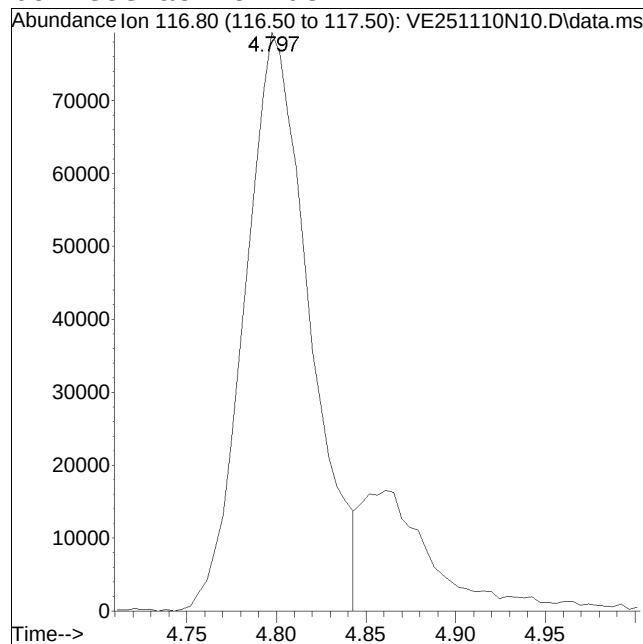
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N10.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:06 am Instrument : Elaine
Sample : I8260STD30PPB Quant Date : 11/11/2025 1:18 pm

Compound #37: Carbon tetrachloride



Original Peak Response = 245008

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

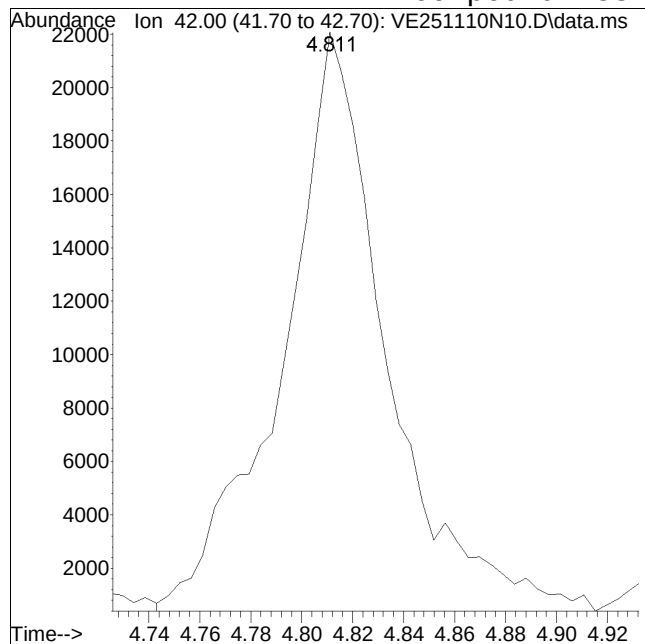


Manual Peak Response = 198542 M6

Manual Integration Report

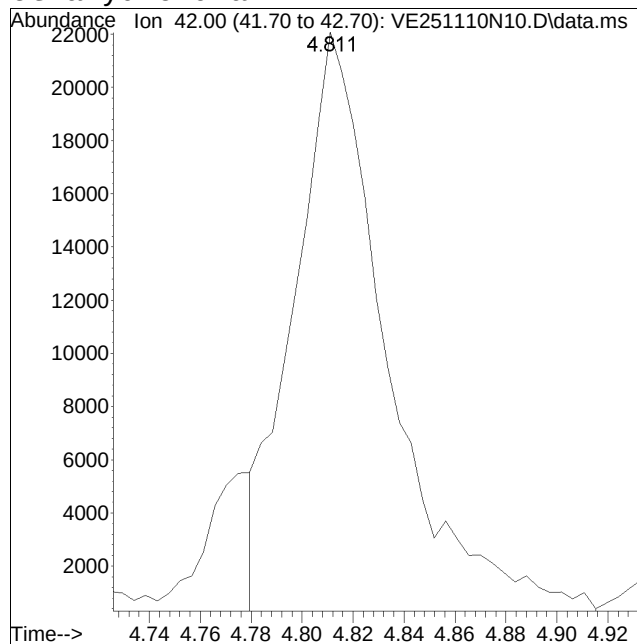
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N10.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:06 am Instrument : Elaine
Sample : I8260STD30PPB Quant Date : 11/11/2025 1:18 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 61234

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

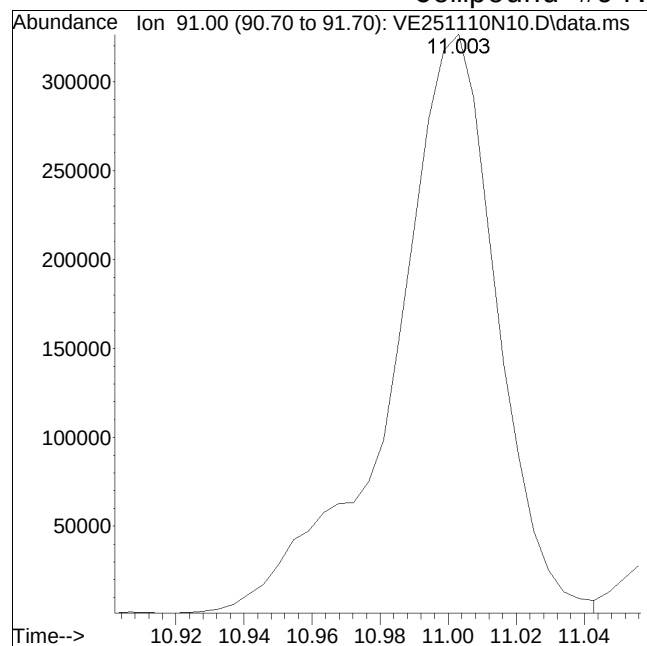


Manual Peak Response = 55501 M6

Manual Integration Report

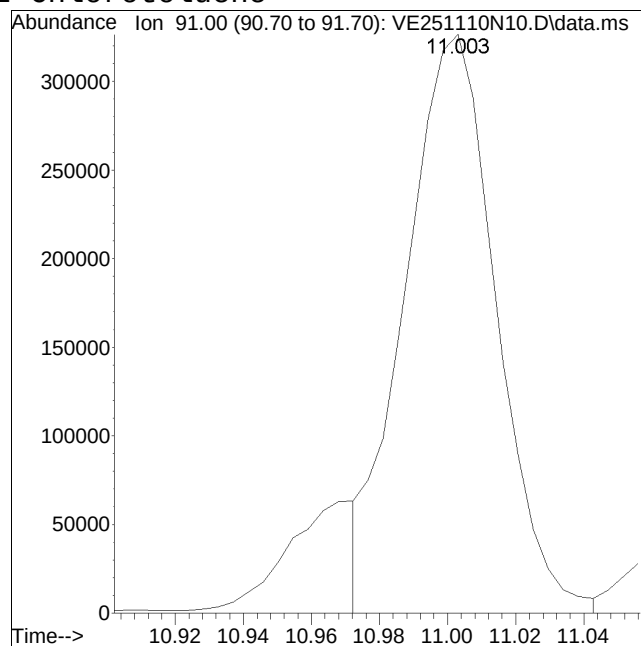
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N10.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:06 am Instrument : Elaine
Sample : I8260STD30PPB Quant Date : 11/11/2025 1:18 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 691462

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



Manual Peak Response = 609668 M6

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N11.D
 Acq On : 11 Nov 2025 12:30 am
 Operator : ELAINE:PID
 Sample : I8260STD80PPB
 Misc : WG2140152, ICAL (Sig #1); WG, ICAL22753 (Sig #2)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 11 13:53:40 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.634	96	249611	10.000	ug/L	0.00
Standard Area 1 = 194422			Recovery	=	128.39%	
63) Chlorobenzene-d5	9.131	117	177762	10.000	ug/L	0.00
Standard Area 1 = 153144			Recovery	=	116.08%	
84) 1,4-Dichlorobenzene-d4	11.911	152	102043	10.000	ug/L	0.00
Standard Area 1 = 86422			Recovery	=	118.08%	
System Monitoring Compounds						
39) Dibromofluoromethane	4.843	113	62400	8.622	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	86.22%	
47) 1,2-Dichloroethane-d4	5.357	65	83607M6	8.591	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	85.91%	
64) Toluene-d8	7.310	98	245876	10.125	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	101.25%	
88) 4-Bromofluorobenzene	10.664	95	92958	9.559	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	95.59%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.468	85	655159	64.092	ug/L	99
3) Chloromethane	1.636	50	805699	63.824	ug/L	97
4) Vinyl chloride	1.704	62	643195	59.803	ug/L	99
5) Bromomethane	1.989	94	323113	87.734	ug/L	98
6) Chloroethane	2.084	64	441476	66.240	ug/L	97
7) Trichlorofluoromethane	2.220	101	788590	61.373	ug/L	96
8) Ethyl ether	2.492	74	274114	84.554	ug/L	93
10) 1,1-Dichloroethene	2.678	96	444281	67.952	ug/L	97
11) Carbon disulfide	2.709	76	1456645	66.124	ug/L	100
12) Freon-113	2.709	101	442667	69.383	ug/L	94
13) Iodomethane	2.805	142	370543	123.256	ug/L	96
14) Acrolein	2.972	56	74967	97.142	ug/L	88
15) Methylene chloride	3.203	84	478704	65.235	ug/L	94
17) Acetone	3.235	43	155658	65.971	ug/L	# 89
18) trans-1,2-Dichloroethene	3.348	96	440552	73.496	ug/L	98
19) Methyl acetate	3.348	43	299092M4	77.114	ug/L	
21) Methyl tert-butyl ether	3.439	73	1101941	97.297	ug/L	# 94
22) tert-Butyl alcohol	3.529	59	153461	373.534	ug/L	# 100
24) Diisopropyl ether	3.788	45	2314500	90.125	ug/L	97
25) 1,1-Dichloroethane	3.910	63	1120671	69.225	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N11.D
 Acq On : 11 Nov 2025 12:30 am
 Operator : ELAINE:PID
 Sample : I8260STD80PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 11 13:53:40 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26)	Halothane	3.964	117	313556	79.829	ug/L	97
27)	Acrylonitrile	3.951	53	178387	79.005	ug/L	97
28)	Ethyl tert-butyl ether	4.123	59	1622713	96.162	ug/L	95
29)	Vinyl acetate	4.132	43	1418677	104.186	ug/L	99
30)	cis-1,2-Dichloroethene	4.413	96	514256	73.827	ug/L	97
31)	2,2-Dichloropropane	4.508	77	780493	79.243	ug/L	95
33)	Bromochloromethane	4.598	128	214358	68.726	ug/L	98
34)	Cyclohexane	4.603	56	1232093	79.293	ug/L	99
35)	Chloroform	4.671	83	881776	68.756	ug/L	98
36)	Ethyl acetate	4.775	43	481582	89.189	ug/L	98
37)	Carbon tetrachloride	4.802	117	604764M6	77.552	ug/L	
38)	Tetrahydrofuran	4.816	42	157759M6	75.201	ug/L	
40)	1,1,1-Trichloroethane	4.861	97	739973	76.785	ug/L	97
42)	2-Butanone	4.952	43	216583	79.608	ug/L	96
43)	1,1-Dichloropropene	4.983	75	667613	88.305	ug/L	100
45)	Benzene	5.221	78	1967232	79.841	ug/L	96
46)	tert-Amyl methyl ether	5.331	73	1073225	94.031	ug/L	94
48)	1,2-Dichloroethane	5.423	62	771145	81.352	ug/L	99
51)	Methyl cyclohexane	5.801	83	827090	89.174	ug/L	95
52)	Trichloroethene	5.809	95	485812	83.979	ug/L	99
54)	Dibromomethane	6.239	93	273704	78.667	ug/L	99
55)	1,2-Dichloropropane	6.345	63	619226	85.106	ug/L	99
57)	2-Chloroethyl vinyl ether	7.038	63	270260	94.005	ug/L	96
58)	Bromodichloromethane	6.424	83	685132	89.409	ug/L	95
61)	1,4-Dioxane	6.626	88	33400	739.112	ug/L	96
62)	cis-1,3-Dichloropropene	7.104	75	814588	94.205	ug/L	97
65)	Toluene	7.363	92	1096802	78.702	ug/L	99
66)	4-Methyl-2-pentanone	7.797	58	142523	89.520	ug/L	98
67)	Tetrachloroethene	7.806	166	393511	80.113	ug/L	100
69)	trans-1,3-Dichloropropene	7.845	75	671590	100.061	ug/L	97
71)	Ethyl methacrylate	8.034	69	463141	83.503	ug/L	93
72)	1,1,2-Trichloroethane	8.030	83	298067	92.244	ug/L	98
73)	Chlorodibromomethane	8.236	129	430800	99.795	ug/L	99
74)	1,3-Dichloropropane	8.346	76	676259	91.866	ug/L	98
75)	1,2-Dibromoethane	8.504	107	347637	92.368	ug/L	97
77)	2-Hexanone	8.793	43	339377	86.090	ug/L	97
78)	Chlorobenzene	9.153	112	1238074	78.807	ug/L	98
79)	Ethylbenzene	9.193	91	2336129	77.963	ug/L	99
80)	1,1,1,2-Tetrachloroethane	9.241	131	414170	97.084	ug/L	98
81)	p/m Xylene	9.381	106	1783667	154.219	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N11.D
 Acq On : 11 Nov 2025 12:30 am
 Operator : ELAINE:PID
 Sample : I8260STD80PPB
 Misc : WG2140152, ICAL (Sig #1); WG, ICAL22753 (Sig #2)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 11 13:53:40 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) o Xylene	9.925	106	1804077	162.241	ug/L	99
83) Styrene	10.000	104	3204344	174.814	ug/L	100
85) Bromoform	10.022	173	255523	106.578	ug/L	98
87) Isopropylbenzene	10.329	105	2563069	82.816	ug/L	99
89) Bromobenzene	10.779	156	507063	81.657	ug/L	97
90) n-Propylbenzene	10.836	91	3202578	81.863	ug/L	100
91) 1,4-Dichlorobutane	10.849	55	1010528	86.334	ug/L	100
92) 1,1,2,2-Tetrachloroethane	10.933	83	426188	78.963	ug/L	98
93) 4-Ethyltoluene	10.968	105	2445409	79.824	ug/L	100
94) 2-Chlorotoluene	11.003	91	1745008M6	73.393	ug/L	
95) 1,3,5-Trimethylbenzene	11.069	105	2265376	85.492	ug/L	100
96) 1,2,3-Trichloropropane	11.065	75	397764	85.592	ug/L	99
97) trans-1,4-Dichloro-2-b...	11.127	53	203458	85.723	ug/L	89
98) 4-Chlorotoluene	11.193	91	1896015	79.404	ug/L	99
99) tert-Butylbenzene	11.417	119	1816609	80.951	ug/L	99
102) 1,2,4-Trimethylbenzene	11.497	105	2289040	85.948	ug/L	98
103) sec-Butylbenzene	11.611	105	2850110	82.321	ug/L	99
104) p-Isopropyltoluene	11.774	119	2423865	86.119	ug/L	98
105) 1,3-Dichlorobenzene	11.831	146	1122428	81.263	ug/L	99
106) 1,4-Dichlorobenzene	11.928	146	1088462	79.992	ug/L	99
107) p-Diethylbenzene	12.153	119	1408598	83.330	ug/L	98
108) n-Butylbenzene	12.210	91	2326689	82.350	ug/L	98
109) 1,2-Dichlorobenzene	12.356	146	1033748	78.973	ug/L	98
110) 1,2,4,5-Tetramethylben...	12.959	119	2270454	85.272	ug/L	99
111) 1,2-Dibromo-3-chloropr...	13.144	155	66432	82.460	ug/L	100
112) 1,3,5-Trichlorobenzene	13.180	180	699732	82.440	ug/L	99
113) Hexachlorobutadiene	13.761	225	179625	83.116	ug/L	96
114) 1,2,4-Trichlorobenzene	13.779	180	583928	84.586	ug/L	99
115) Naphthalene	14.074	128	1539714	91.530	ug/L	100
116) 1,2,3-Trichlorobenzene	14.241	180	518563	89.513	ug/L	97

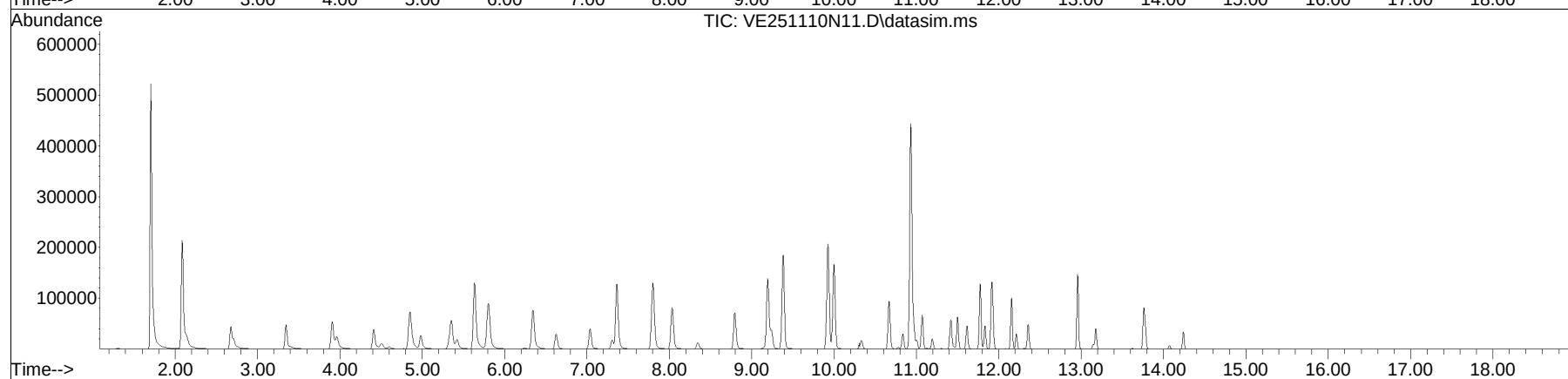
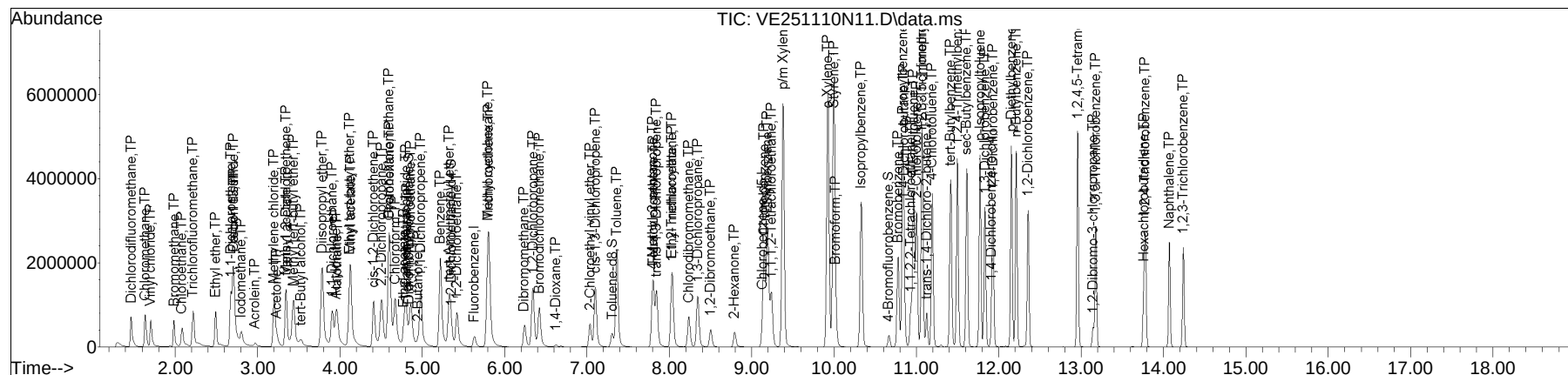
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N11.D
 Acq On : 11 Nov 2025 12:30 am
 Operator : ELAINE:PID
 Sample : I8260STD80PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 11 13:53:40 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\VE251110N09.D•



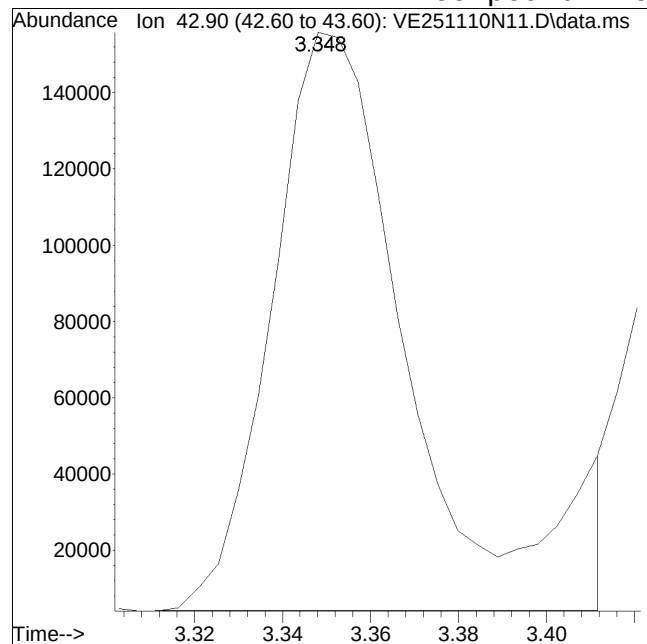
Elaine_251111N_8260.m Tue Nov 11 14:16:56 2025

Page: 4

Manual Integration Report

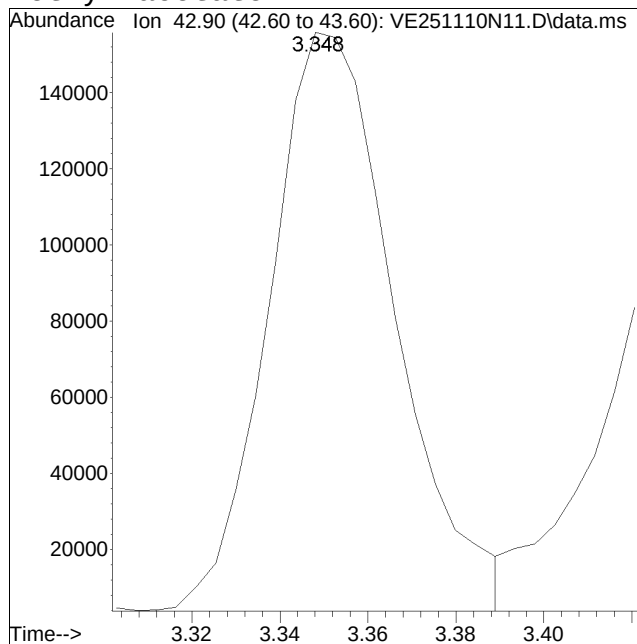
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N11.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:30 am Instrument : Elaine
Sample : I8260STD80PPB Quant Date : 11/11/2025 1:19 pm

Compound #19: Methyl acetate



Original Peak Response = 332647

M4 = Poor automated baseline construction.

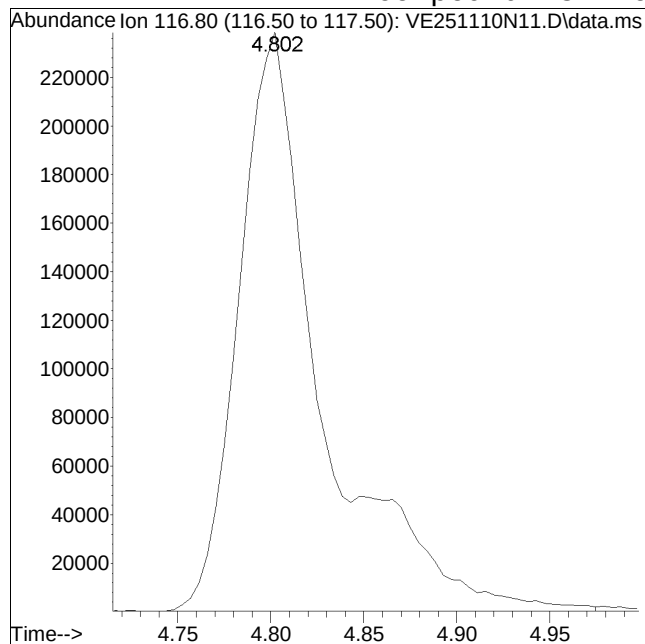


Manual Peak Response = 299092 M4

Manual Integration Report

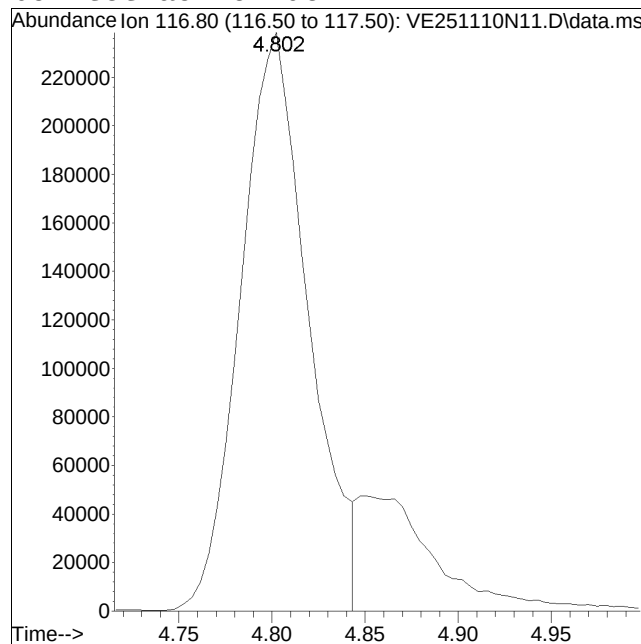
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N11.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:30 am Instrument : Elaine
Sample : I8260STD80PPB Quant Date : 11/11/2025 1:19 pm

Compound #37: Carbon tetrachloride



Original Peak Response = 737889

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

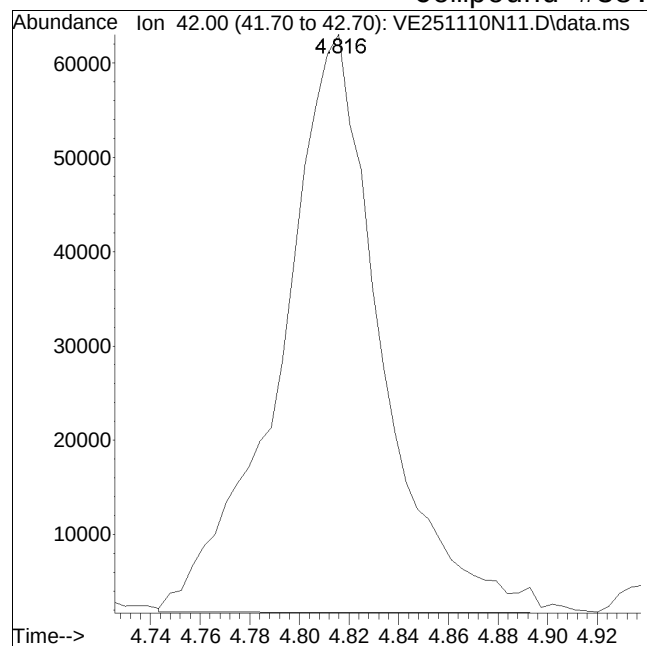


Manual Peak Response = 604764 M6

Manual Integration Report

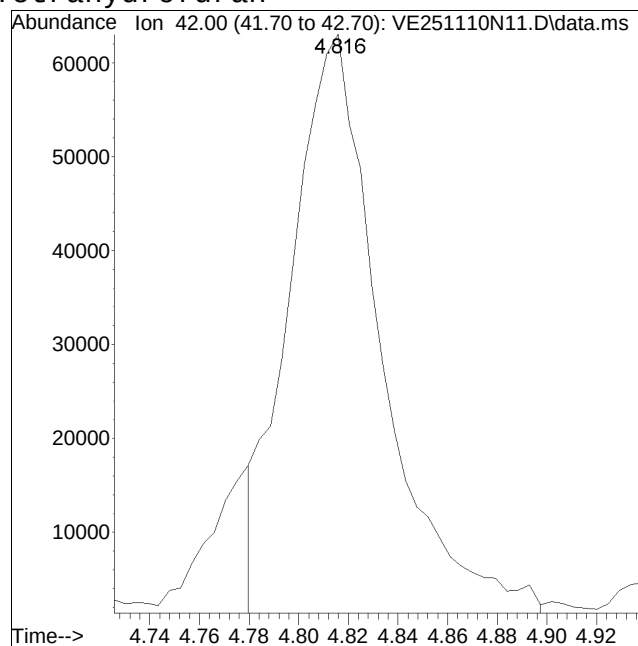
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N11.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:30 am Instrument : Elaine
Sample : I8260STD80PPB Quant Date : 11/11/2025 1:19 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 173643

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

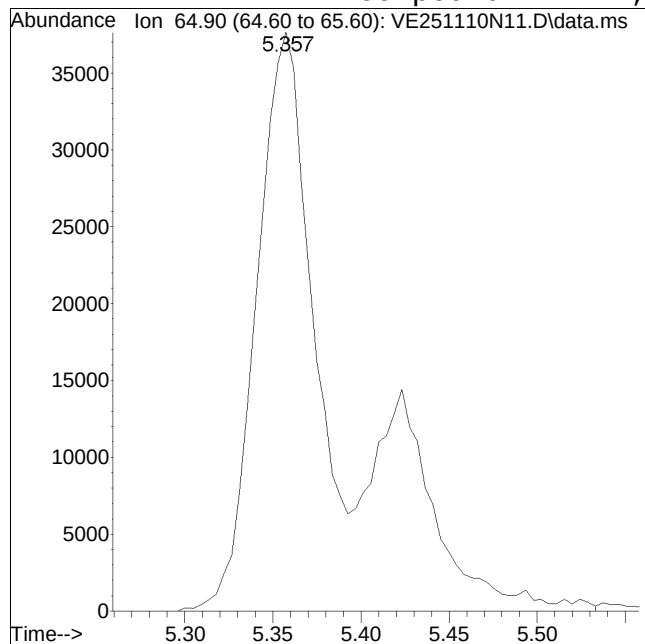


Manual Peak Response = 157759 M6

Manual Integration Report

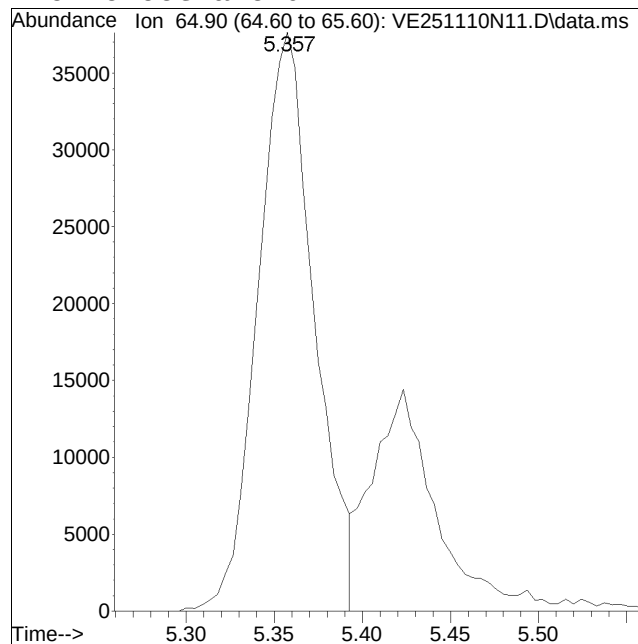
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N11.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:30 am Instrument : Elaine
Sample : I8260STD80PPB Quant Date : 11/11/2025 1:19 pm

Compound #47: 1,2-Dichloroethane-d4



Original Peak Response = 120934

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

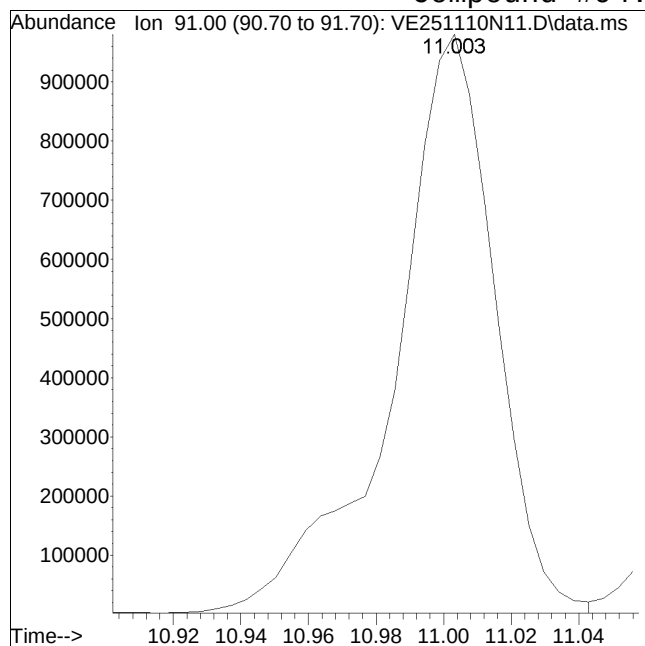


Manual Peak Response = 83607 M6

Manual Integration Report

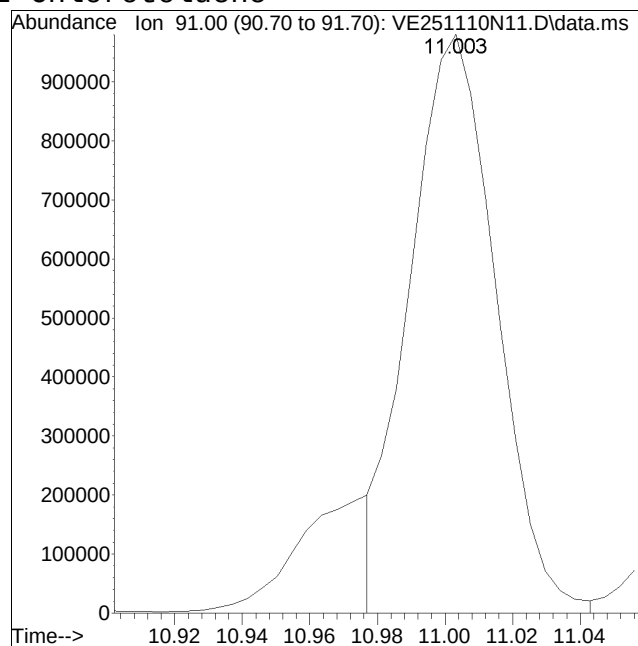
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N11.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:30 am Instrument : Elaine
Sample : I8260STD80PPB Quant Date : 11/11/2025 1:19 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 2030000

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



Manual Peak Response = 1745008 M6

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N12.D
 Acq On : 11 Nov 2025 12:54 am
 Operator : ELAINE:PID
 Sample : I8260STD120PPB
 Misc : WG2140152, ICAL (Sig #1); WG, ICAL22753 (Sig #2)
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 11 13:54:57 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.634	96	269793	10.000	ug/L	0.00
Standard Area 1 = 194422			Recovery =	138.77%		
63) Chlorobenzene-d5	9.131	117	195540	10.000	ug/L	0.00
Standard Area 1 = 153144			Recovery =	127.68%		
84) 1,4-Dichlorobenzene-d4	11.915	152	106945	10.000	ug/L	0.00
Standard Area 1 = 86422			Recovery =	123.75%		
System Monitoring Compounds						
39) Dibromofluoromethane	4.843	113	66499	8.501	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	85.01%		
47) 1,2-Dichloroethane-d4	5.362	65	92741M6	8.816	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	88.16%		
64) Toluene-d8	7.306	98	256452	9.600	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.00%		
88) 4-Bromofluorobenzene	10.668	95	98726	9.687	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.87%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.463	85	1003379	90.815	ug/L	99
3) Chloromethane	1.640	50	1269535	93.044	ug/L	98
4) Vinyl chloride	1.703	62	991637	85.304	ug/L	99
5) Bromomethane	1.984	94	543844	136.622	ug/L	92
6) Chloroethane	2.084	64	726633	100.870	ug/L	96
7) Trichlorofluoromethane	2.220	101	1266643	91.204	ug/L	96
8) Ethyl ether	2.496	74	467132	133.314	ug/L	93
10) 1,1-Dichloroethene	2.677	96	704173	99.645	ug/L	98
11) Carbon disulfide	2.709	76	2354313	98.879	ug/L	100
12) Freon-113	2.709	101	708878	102.797	ug/L	93
13) Iodomethane	2.804	142	622167	191.474	ug/L	97
14) Acrolein	2.976	56	128490	154.041	ug/L	85
15) Methylene chloride	3.203	84	775542	97.780	ug/L	96
17) Acetone	3.235	43	252930	99.178	ug/L	# 88
18) trans-1,2-Dichloroethene	3.348	96	714183	110.233	ug/L	97
19) Methyl acetate	3.348	43	507714M6	121.111	ug/L	
21) Methyl tert-butyl ether	3.438	73	1909551	155.992	ug/L	# 93
22) tert-Butyl alcohol	3.534	59	269288	606.431	ug/L	# 100
24) Diisopropyl ether	3.787	45	3901479	140.556	ug/L	97
25) 1,1-Dichloroethane	3.910	63	1775618	101.478	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N12.D
 Acq On : 11 Nov 2025 12:54 am
 Operator : ELAINE:PID
 Sample : I8260STD120PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 11 13:54:57 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26)	Halothane	3.964	117	511692	120.528	ug/L	97
27)	Acrylonitrile	3.950	53	297894	122.063	ug/L	96
28)	Ethyl tert-butyl ether	4.122	59	2799208	153.472	ug/L	94
29)	Vinyl acetate	4.132	43	2496967	169.657	ug/L	99
30)	cis-1,2-Dichloroethene	4.412	96	822987	109.310	ug/L	96
31)	2,2-Dichloropropane	4.508	77	1276948	119.949	ug/L	88
33)	Bromochloromethane	4.598	128	331338	98.285	ug/L	97
34)	Cyclohexane	4.598	56	1973800	117.525	ug/L	99
35)	Chloroform	4.675	83	1420298	102.463	ug/L	99
36)	Ethyl acetate	4.775	43	824982	141.358	ug/L	98
37)	Carbon tetrachloride	4.797	117	1023431M6	121.422	ug/L	
38)	Tetrahydrofuran	4.811	42	257971M6	113.772	ug/L	
40)	1,1,1-Trichloroethane	4.861	97	1206268	115.808	ug/L	97
42)	2-Butanone	4.951	43	356901	121.370	ug/L	98
43)	1,1-Dichloropropene	4.983	75	1083539	132.599	ug/L	100
45)	Benzene	5.221	78	3243504	121.792	ug/L	97
46)	tert-Amyl methyl ether	5.335	73	1839908	149.145	ug/L	93
48)	1,2-Dichloroethane	5.423	62	1275186	124.462	ug/L	99
51)	Methyl cyclohexane	5.801	83	1348699	134.535	ug/L	95
52)	Trichloroethene	5.814	95	798229	127.662	ug/L	99
54)	Dibromomethane	6.244	93	452139	120.231	ug/L	100
55)	1,2-Dichloropropane	6.345	63	1012377	128.733	ug/L	98
57)	2-Chloroethyl vinyl ether	7.038	63	452893	145.746	ug/L	96
58)	Bromodichloromethane	6.424	83	1122346	135.509	ug/L	95
61)	1,4-Dioxane	6.625	88	53802	1101.527	ug/L	95
62)	cis-1,3-Dichloropropene	7.104	75	1350061	144.452	ug/L	96
65)	Toluene	7.363	92	1783062	116.313	ug/L	100
66)	4-Methyl-2-pentanone	7.793	58	242322	138.366	ug/L	94
67)	Tetrachloroethene	7.806	166	646230	119.601	ug/L	100
69)	trans-1,3-Dichloropropene	7.845	75	1115134	151.040	ug/L	96
71)	Ethyl methacrylate	8.038	69	757330	124.130	ug/L	93
72)	1,1,2-Trichloroethane	8.034	83	497255	139.896	ug/L	99
73)	Chlorodibromomethane	8.240	129	723275	152.315	ug/L	98
74)	1,3-Dichloropropane	8.346	76	1115467	137.753	ug/L	99
75)	1,2-Dibromoethane	8.504	107	573844	138.609	ug/L	99
77)	2-Hexanone	8.793	43	545306	125.751	ug/L	99
78)	Chlorobenzene	9.153	112	2024135	117.128	ug/L	97
79)	Ethylbenzene	9.192	91	3768852	114.341	ug/L	99
80)	1,1,1,2-Tetrachloroethane	9.241	131	690832	147.212	ug/L	97
81)	p/m Xylene	9.381	106	2952151	232.041	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N12.D
 Acq On : 11 Nov 2025 12:54 am
 Operator : ELAINE:PID
 Sample : I8260STD120PPB
 Misc : WG2140152, ICAL (Sig #1); WG, ICAL22753 (Sig #2)
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 11 13:54:57 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) o Xylene	9.930	106	3003457	245.544	ug/L	100
83) Styrene	10.000	104	5393156	267.475	ug/L	100
85) Bromoform	10.026	173	443185	176.379	ug/L	97
87) Isopropylbenzene	10.329	105	4206847	129.698	ug/L	99
89) Bromobenzene	10.778	156	809830	124.436	ug/L	98
90) n-Propylbenzene	10.836	91	5225677	127.453	ug/L	100
91) 1,4-Dichlorobutane	10.849	55	1655205	134.931	ug/L	99
92) 1,1,2,2-Tetrachloroethane	10.933	83	696879	123.197	ug/L	97
93) 4-Ethyltoluene	10.968	105	3987456	124.194	ug/L	100
94) 2-Chlorotoluene	11.003	91	2968946M6	119.147	ug/L	
95) 1,3,5-Trimethylbenzene	11.074	105	3676166	132.374	ug/L	100
96) 1,2,3-Trichloropropane	11.065	75	667717	137.096	ug/L	98
97) trans-1,4-Dichloro-2-b...	11.126	53	336059	135.102	ug/L	87
98) 4-Chlorotoluene	11.193	91	3087627	123.381	ug/L	99
99) tert-Butylbenzene	11.417	119	2930282	124.593	ug/L	99
102) 1,2,4-Trimethylbenzene	11.497	105	3653963	130.908	ug/L	99
103) sec-Butylbenzene	11.611	105	4576785	126.134	ug/L	100
104) p-Isopropyltoluene	11.774	119	3882213	131.611	ug/L	98
105) 1,3-Dichlorobenzene	11.836	146	1793011	123.863	ug/L	98
106) 1,4-Dichlorobenzene	11.928	146	1754489	123.029	ug/L	99
107) p-Diethylbenzene	12.157	119	2308687	130.317	ug/L	98
108) n-Butylbenzene	12.215	91	3767744	127.241	ug/L	98
109) 1,2-Dichlorobenzene	12.356	146	1668669	121.635	ug/L	99
110) 1,2,4,5-Tetramethylben...	12.959	119	3867929	138.610	ug/L	98
111) 1,2-Dibromo-3-chloropr...	13.149	155	109781	130.022	ug/L	96
112) 1,3,5-Trichlorobenzene	13.179	180	1151314	129.427	ug/L	99
113) Hexachlorobutadiene	13.761	225	285955	126.252	ug/L	96
114) 1,2,4-Trichlorobenzene	13.779	180	944189	130.503	ug/L	99
115) Naphthalene	14.069	128	2534422	143.756	ug/L	100
116) 1,2,3-Trichlorobenzene	14.241	180	848731	139.791	ug/L	97

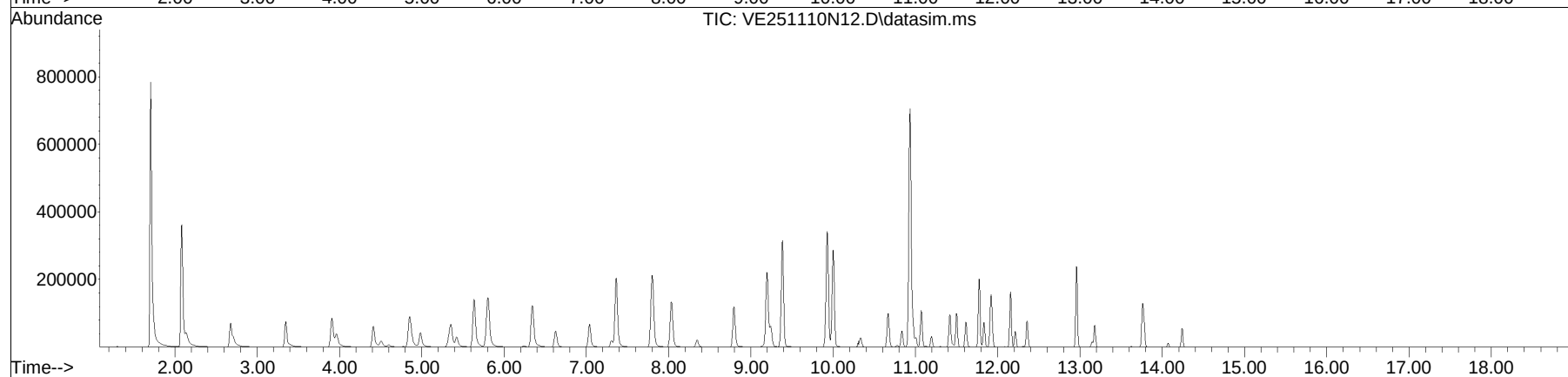
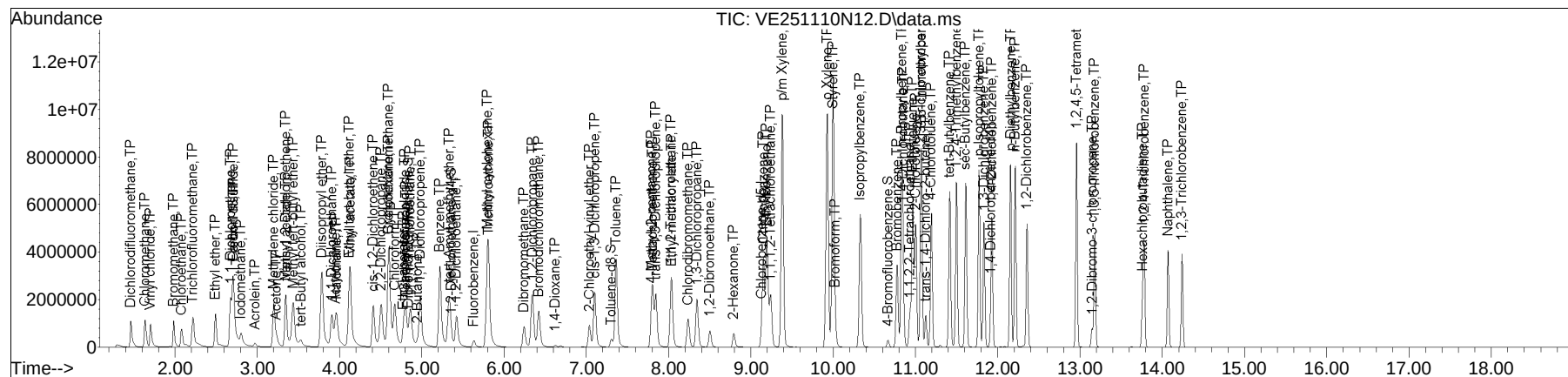
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N12.D
 Acq On : 11 Nov 2025 12:54 am
 Operator : ELAINE:PID
 Sample : I8260STD120PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 11 13:54:57 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

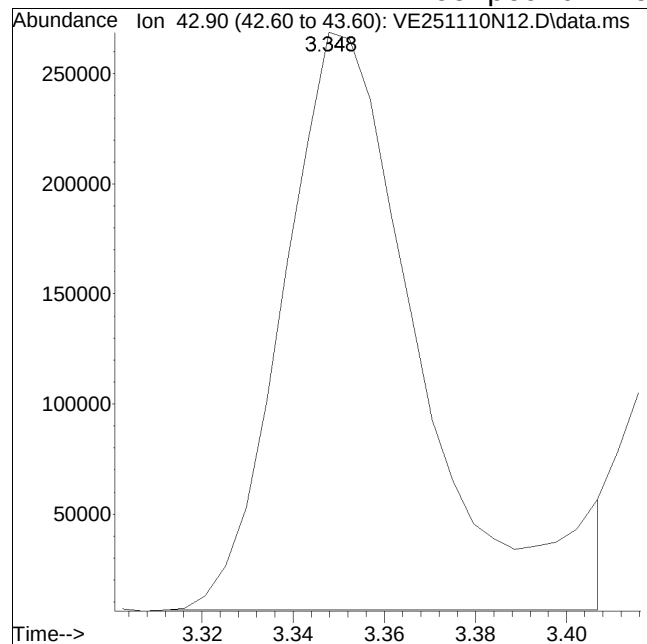
Sub List : 8260-Curve - Megamix plus Diox\VE251110N09.D•



Manual Integration Report

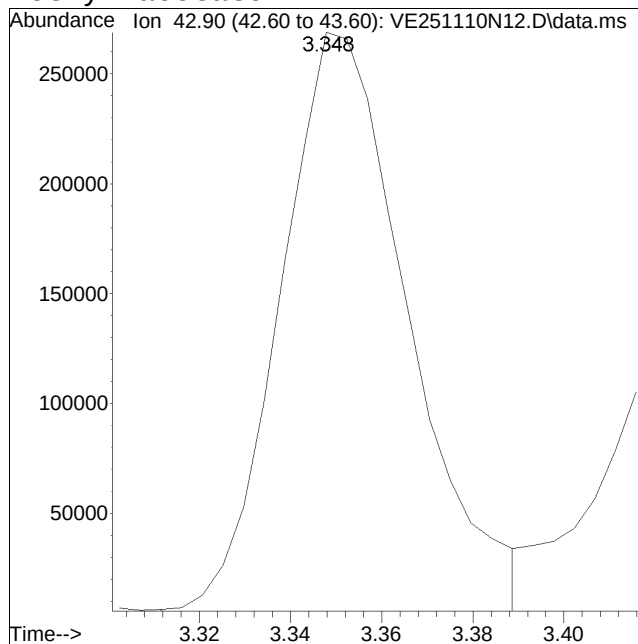
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N12.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:54 am Instrument : Elaine
Sample : I8260STD120PPB Quant Date : 11/11/2025 1:19 pm

Compound #19: Methyl acetate



Original Peak Response = 544308

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

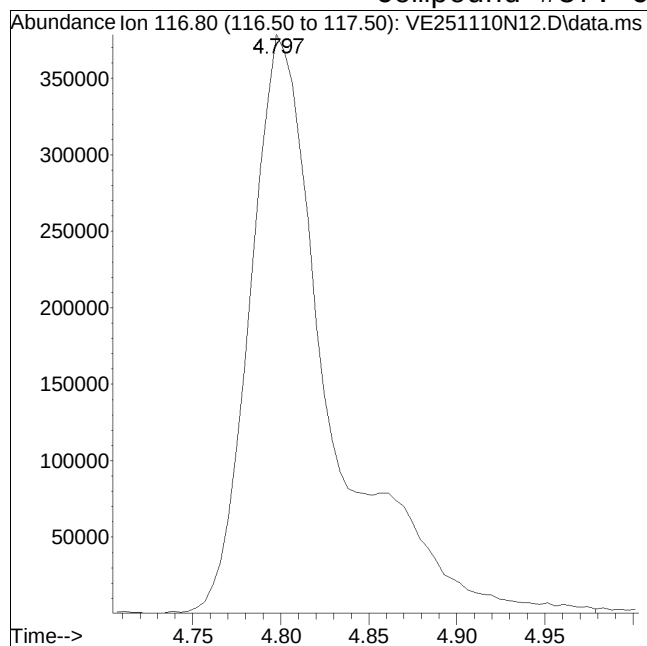


Manual Peak Response = 507714 M6

Manual Integration Report

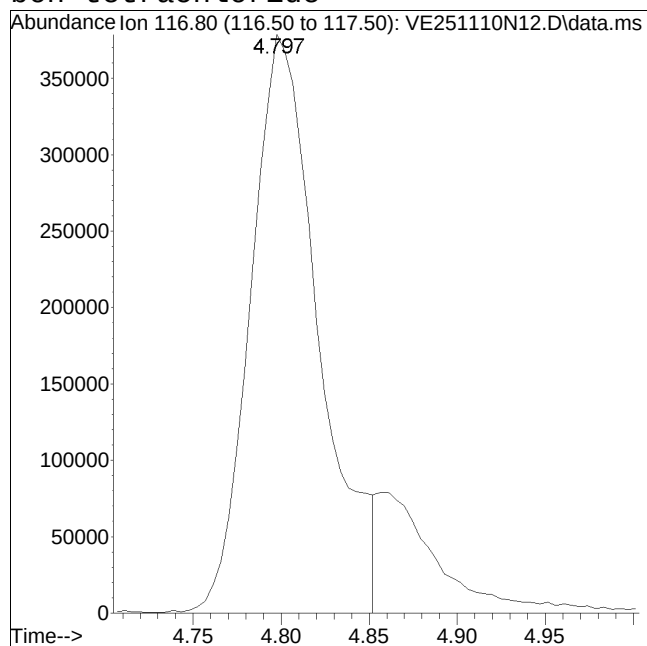
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N12.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:54 am Instrument : Elaine
Sample : I8260STD120PPB Quant Date : 11/11/2025 1:19 pm

Compound #37: Carbon tetrachloride



Original Peak Response = 1206371

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

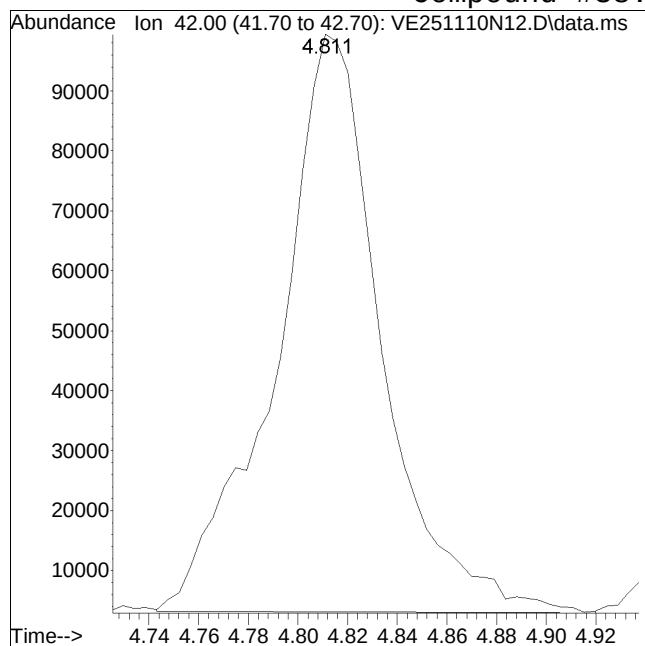


Manual Peak Response = 1023431 M6

Manual Integration Report

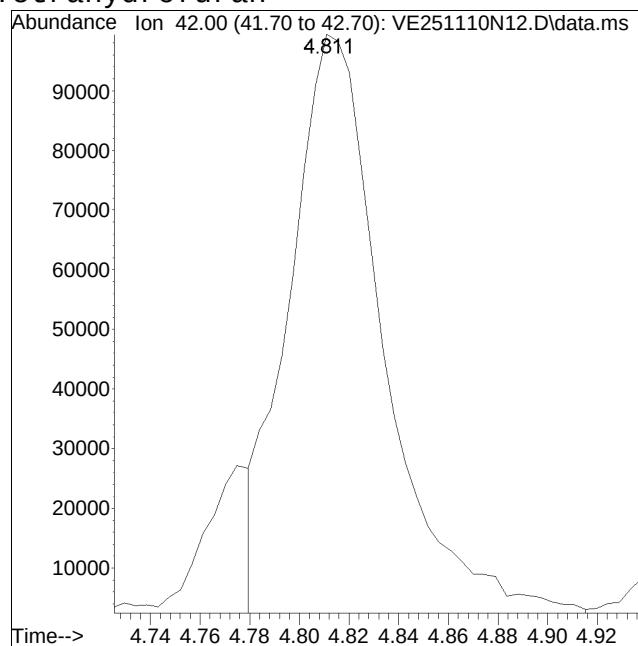
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N12.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:54 am Instrument : Elaine
Sample : I8260STD120PPB Quant Date : 11/11/2025 1:19 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 282789

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

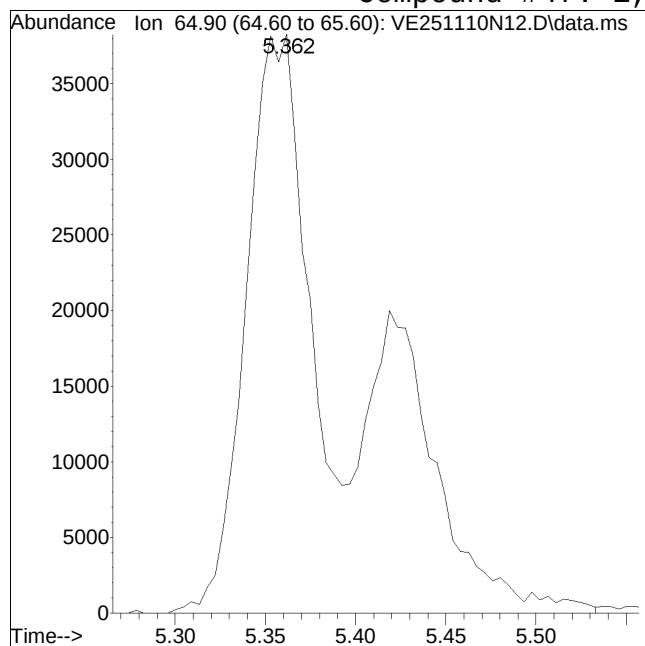


Manual Peak Response = 257971 M6

Manual Integration Report

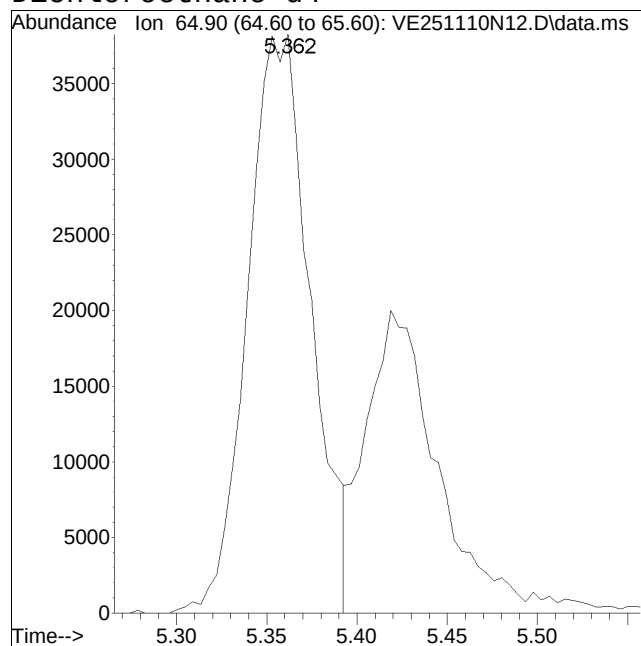
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N12.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:54 am Instrument : Elaine
Sample : I8260STD120PPB Quant Date : 11/11/2025 1:19 pm

Compound #47: 1,2-Dichloroethane-d4



Original Peak Response = 148819

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

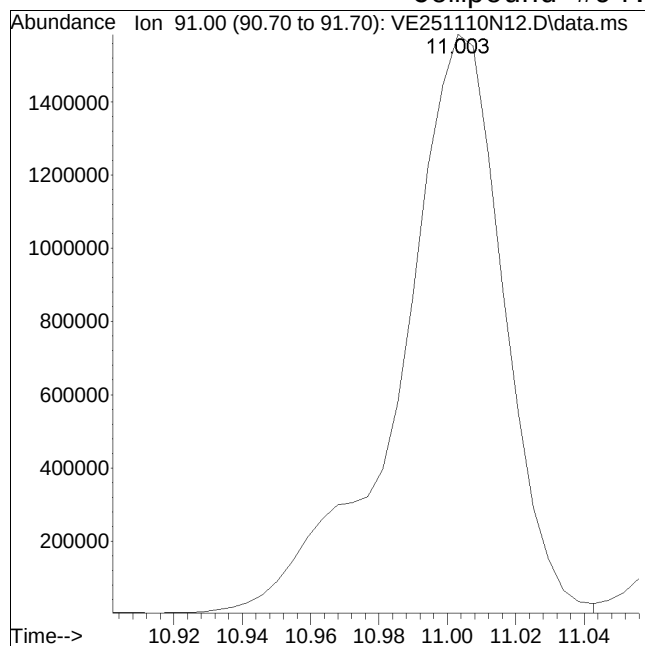


Manual Peak Response = 92741 M6

Manual Integration Report

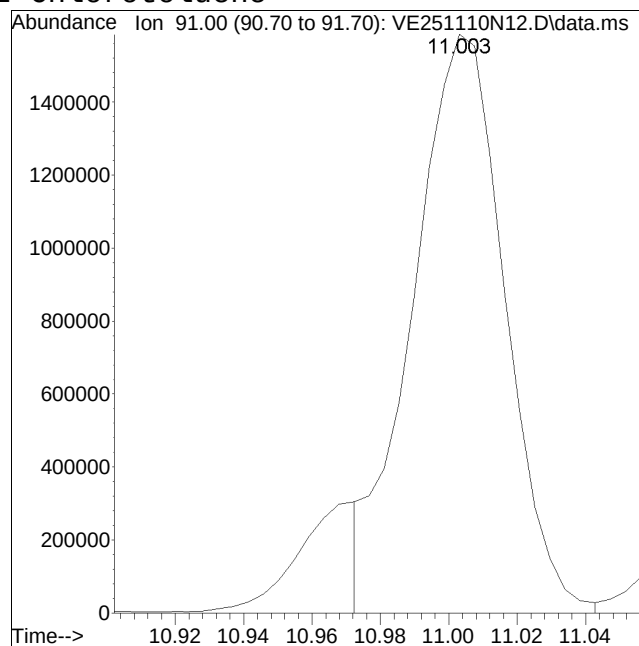
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N12.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 12:54 am Instrument : Elaine
Sample : I8260STD120PPB Quant Date : 11/11/2025 1:19 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 3328155

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



Manual Peak Response = 2968946 M6

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N13.D
 Acq On : 11 Nov 2025 1:18 am
 Operator : ELAINE:PID
 Sample : I8260STD200PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 11 13:56:16 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.634	96	300189	10.000	ug/L	0.00
Standard Area 1 = 194422			Recovery	=	154.40%	
63) Chlorobenzene-d5	9.131	117	220936	10.000	ug/L	0.00
Standard Area 1 = 153144			Recovery	=	144.27%	
84) 1,4-Dichlorobenzene-d4	11.915	152	124587	10.000	ug/L	0.00
Standard Area 1 = 86422			Recovery	=	144.16%	
System Monitoring Compounds						
39) Dibromofluoromethane	4.847	113	73788	8.477	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	84.77%	
47) 1,2-Dichloroethane-d4	5.357	65	107265M6	9.165	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	91.65%	
64) Toluene-d8	7.306	98	286159	9.481	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	94.81%	
88) 4-Bromofluorobenzene	10.668	95	113269	9.540	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	95.40%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.463	85	1536261	124.966	ug/L	99
3) Chloromethane	1.636	50	2265798	149.245	ug/L	97
4) Vinyl chloride	1.704	62	1646015	127.258	ug/L	99
5) Bromomethane	1.984	94	1082361	244.373	ug/L	99
6) Chloroethane	2.079	64	1055538	131.691	ug/L	97
7) Trichlorofluoromethane	2.215	101	2076169	134.356	ug/L	96
8) Ethyl ether	2.492	74	876659	224.855	ug/L	93
10) 1,1-Dichloroethene	2.673	96	1243440	158.138	ug/L	97
11) Carbon disulfide	2.705	76	4247385	160.323	ug/L	99
12) Freon-113	2.709	101	1150274	149.916	ug/L	95
13) Iodomethane	2.804	142	1132700	313.295	ug/L	97
14) Acrolein	2.972	56	221462	238.618	ug/L	86
15) Methylene chloride	3.198	84	1381206	156.509	ug/L	99
17) Acetone	3.239	43	463598	163.378	ug/L	# 90
18) trans-1,2-Dichloroethene	3.348	96	1240903	172.137	ug/L	97
19) Methyl acetate	3.348	43	928002M6	198.952	ug/L	
21) Methyl tert-butyl ether	3.438	73	3574183	262.413	ug/L	# 92
22) tert-Butyl alcohol	3.529	59	478835	969.140	ug/L	# 100
24) Diisopropyl ether	3.787	45	7155534	231.685	ug/L	96
25) 1,1-Dichloroethane	3.905	63	3130130	160.775	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N13.D
 Acq On : 11 Nov 2025 1:18 am
 Operator : ELAINE:PID
 Sample : I8260STD200PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 11 13:56:16 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26)	Halothane	3.964	117	900536	190.641	ug/L	98
27)	Acrylonitrile	3.946	53	500345	184.259	ug/L	99
28)	Ethyl tert-butyl ether	4.123	59	5252825	258.835	ug/L	94
29)	Vinyl acetate	4.132	43	4664032	284.811	ug/L	99
30)	cis-1,2-Dichloroethene	4.408	96	1467712	175.204	ug/L	97
31)	2,2-Dichloropropane	4.508	77	2191797	185.037	ug/L	89
33)	Bromochloromethane	4.598	128	580107	154.653	ug/L	96
34)	Cyclohexane	4.598	56	3113520	166.615	ug/L	100
35)	Chloroform	4.675	83	2518200	163.273	ug/L	98
36)	Ethyl acetate	4.775	43	1484200	228.562	ug/L	98
37)	Carbon tetrachloride	4.798	117	1677981M6	178.922	ug/L	
38)	Tetrahydrofuran	4.811	42	493569M6	195.635	ug/L	
40)	1,1,1-Trichloroethane	4.865	97	2069129	178.533	ug/L	97
42)	2-Butanone	4.952	43	654133	199.924	ug/L	99
43)	1,1-Dichloropropene	4.983	75	1849232	203.387	ug/L	99
45)	Benzene	5.221	78	5844911	197.250	ug/L	98
46)	tert-Amyl methyl ether	5.335	73	3431716	250.012	ug/L	91
48)	1,2-Dichloroethane	5.423	62	2295151	201.331	ug/L	99
51)	Methyl cyclohexane	5.801	83	2168461	194.405	ug/L	94
52)	Trichloroethene	5.809	95	1428397	205.314	ug/L	98
54)	Dibromomethane	6.244	93	820233	196.028	ug/L	99
55)	1,2-Dichloropropane	6.345	63	1802904	206.041	ug/L	99
57)	2-Chloroethyl vinyl ether	7.038	63	696786	201.529	ug/L	97
58)	Bromodichloromethane	6.424	83	2032644	220.566	ug/L	96
61)	1,4-Dioxane	6.630	88	92584	1703.604	ug/L	96
62)	cis-1,3-Dichloropropene	7.104	75	2430655	233.738	ug/L	96
65)	Toluene	7.363	92	3223350	186.097	ug/L	99
66)	4-Methyl-2-pentanone	7.793	58	428866	216.734	ug/L	91
67)	Tetrachloroethene	7.806	166	1135367	185.975	ug/L	99
69)	trans-1,3-Dichloropropene	7.850	75	2056181	246.487	ug/L	95
71)	Ethyl methacrylate	8.038	69	1352119	196.144	ug/L	91
72)	1,1,2-Trichloroethane	8.030	83	906037	225.601	ug/L	99
73)	Chlorodibromomethane	8.240	129	1325424	247.037	ug/L	98
74)	1,3-Dichloropropane	8.346	76	1990979	217.611	ug/L	99
75)	1,2-Dibromoethane	8.504	107	1028100	219.787	ug/L	98
77)	2-Hexanone	8.793	43	944619	192.796	ug/L	99
78)	Chlorobenzene	9.153	112	3701056	189.547	ug/L	97
79)	Ethylbenzene	9.197	91	6873124	184.551	ug/L	99
80)	1,1,1,2-Tetrachloroethane	9.241	131	1288760	243.060	ug/L	97
81)	p/m Xylene	9.386	106	5867306	408.163	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N13.D
 Acq On : 11 Nov 2025 1:18 am
 Operator : ELAINE:PID
 Sample : I8260STD200PPB
 Misc : WG2140152, ICAL (Sig #1); WG, ICAL22753 (Sig #2)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 11 13:56:16 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) o Xylene	9.930	106	5883037	425.675	ug/L	99
83) Styrene	10.004	104	10859465	476.669	ug/L	99
85) Bromoform	10.026	173	850889	290.684	ug/L	99
87) Isopropylbenzene	10.334	105	7708205	203.993	ug/L	99
89) Bromobenzene	10.778	156	1498307	197.625	ug/L	98
90) n-Propylbenzene	10.836	91	9562842	200.209	ug/L	99
91) 1,4-Dichlorobutane	10.849	55	3062728	214.316	ug/L	100
92) 1,1,2,2-Tetrachloroethane	10.937	83	1264940	191.956	ug/L	98
93) 4-Ethyltoluene	10.972	105	7437318	198.842	ug/L	100
94) 2-Chlorotoluene	11.008	91	5494057M6	189.261	ug/L	
95) 1,3,5-Trimethylbenzene	11.074	105	7083556	218.950	ug/L	99
96) 1,2,3-Trichloropropane	11.069	75	1278951	225.410	ug/L	97
97) trans-1,4-Dichloro-2-b...	11.127	53	600646	207.278	ug/L #	86
98) 4-Chlorotoluene	11.197	91	5757199	197.480	ug/L	99
99) tert-Butylbenzene	11.417	119	5370804	196.025	ug/L	99
102) 1,2,4-Trimethylbenzene	11.501	105	6989067	214.937	ug/L	99
103) sec-Butylbenzene	11.616	105	8354063	197.633	ug/L	99
104) p-Isopropyltoluene	11.779	119	7427110	216.133	ug/L	97
105) 1,3-Dichlorobenzene	11.836	146	3469099	205.714	ug/L	98
106) 1,4-Dichlorobenzene	11.933	146	3432519	206.613	ug/L	98
107) p-Diethylbenzene	12.157	119	4448380	215.539	ug/L	98
108) n-Butylbenzene	12.215	91	7039091	204.057	ug/L	98
109) 1,2-Dichlorobenzene	12.360	146	3237413	202.570	ug/L	99
110) 1,2,4,5-Tetramethylben...	12.959	119	7232917	222.494	ug/L	99
111) 1,2-Dibromo-3-chloropr...	13.149	155	200263	203.600	ug/L	99
112) 1,3,5-Trichlorobenzene	13.180	180	2160425	208.477	ug/L	99
113) Hexachlorobutadiene	13.761	225	501266	189.975	ug/L	96
114) 1,2,4-Trichlorobenzene	13.779	180	1796146	213.103	ug/L	99
115) Naphthalene	14.069	128	4639181	225.879	ug/L	100
116) 1,2,3-Trichlorobenzene	14.241	180	1558024	220.278	ug/L	97

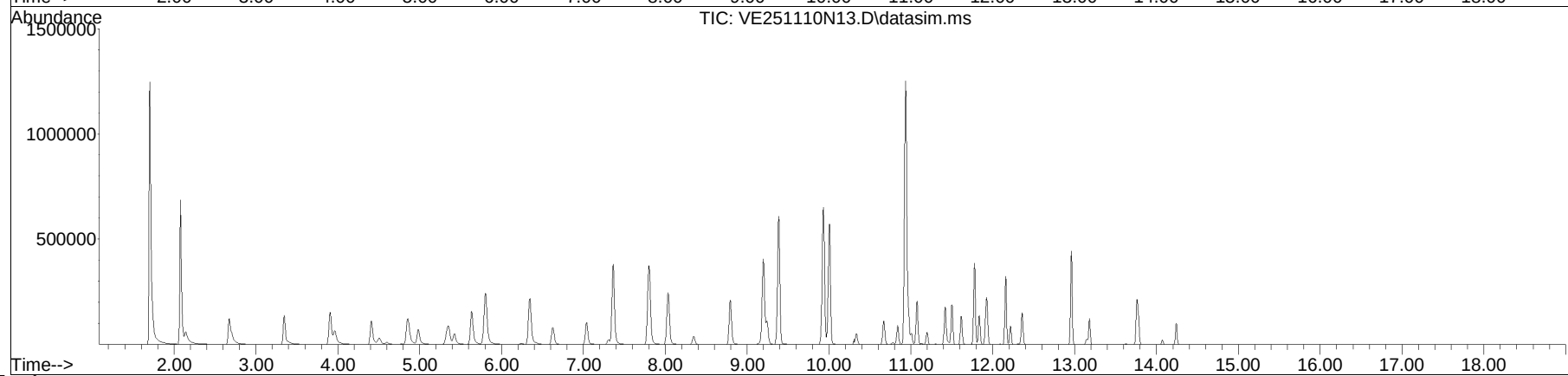
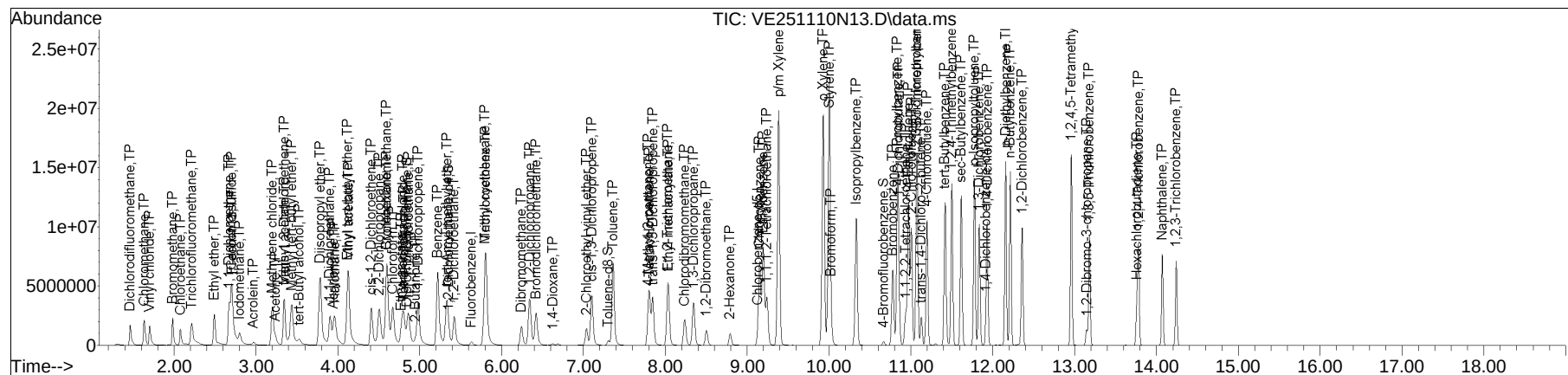
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N13.D
 Acq On : 11 Nov 2025 1:18 am
 Operator : ELAINE:PID
 Sample : I8260STD200PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 11 13:56:16 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Nov 11 13:18:06 2025
 Response via : Initial Calibration

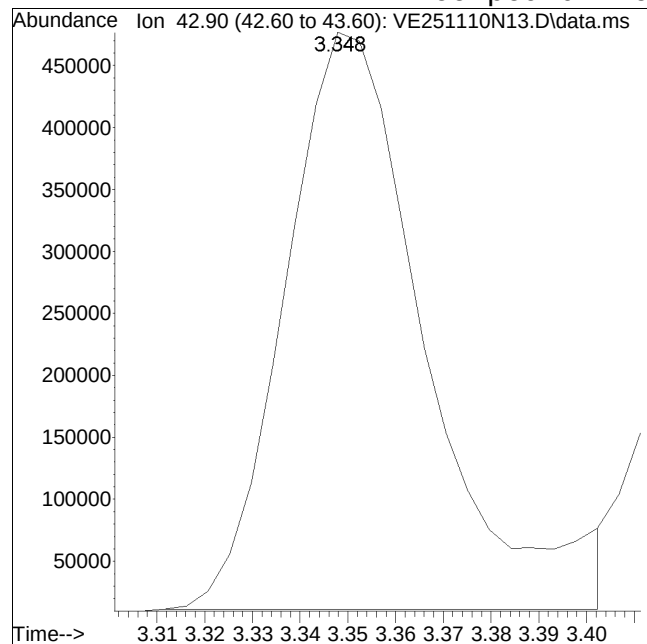
Sub List : 8260-Curve - Megamix plus Diox\VE251110N09.D•



Manual Integration Report

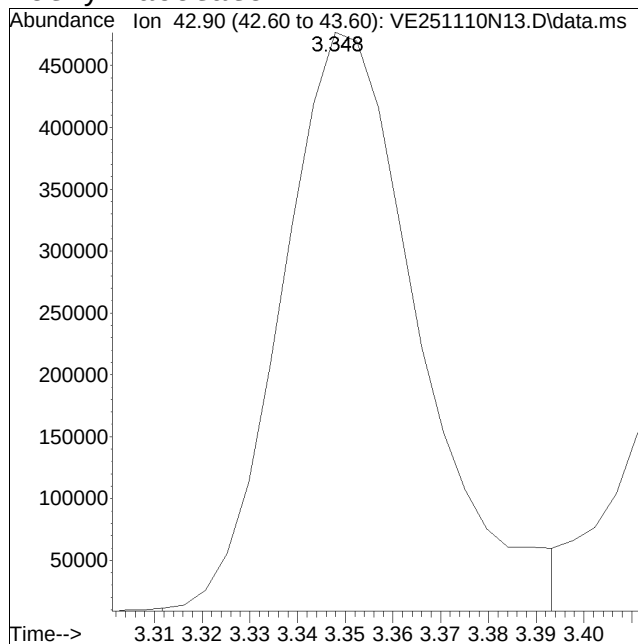
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N13.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 1:18 am Instrument : Elaine
Sample : I8260STD200PPB Quant Date : 11/11/2025 1:19 pm

Compound #19: Methyl acetate



Original Peak Response = 949602

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

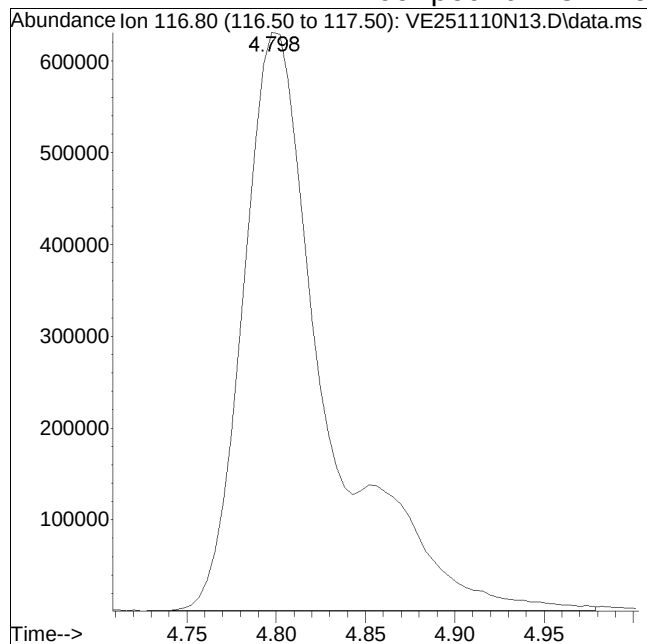


Manual Peak Response = 928002 M6

Manual Integration Report

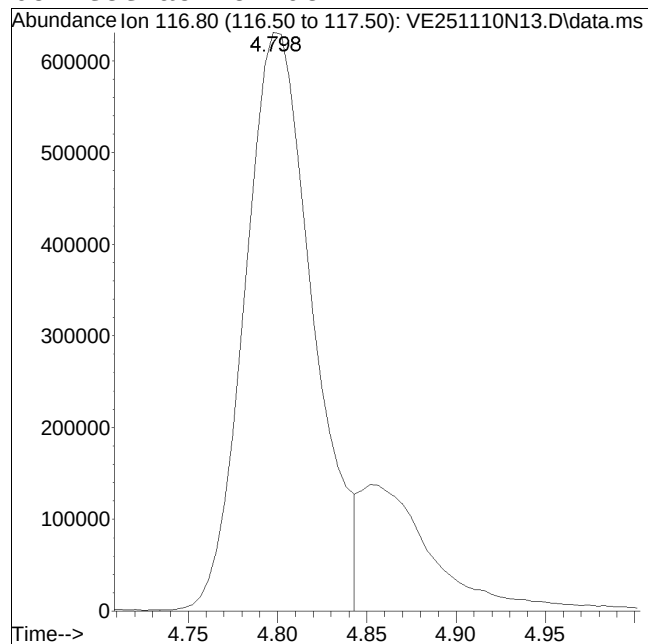
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N13.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 1:18 am Instrument : Elaine
Sample : I8260STD200PPB Quant Date : 11/11/2025 1:19 pm

Compound #37: Carbon tetrachloride



Original Peak Response = 2049335

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

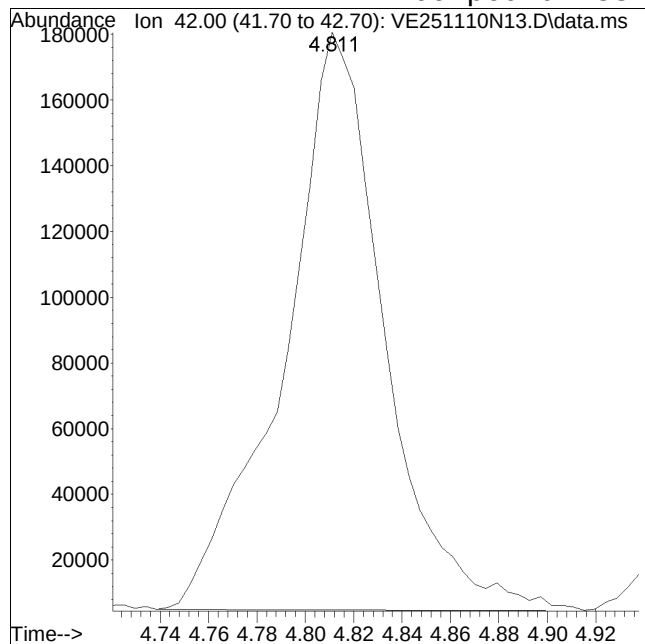


Manual Peak Response = 1677981 M6

Manual Integration Report

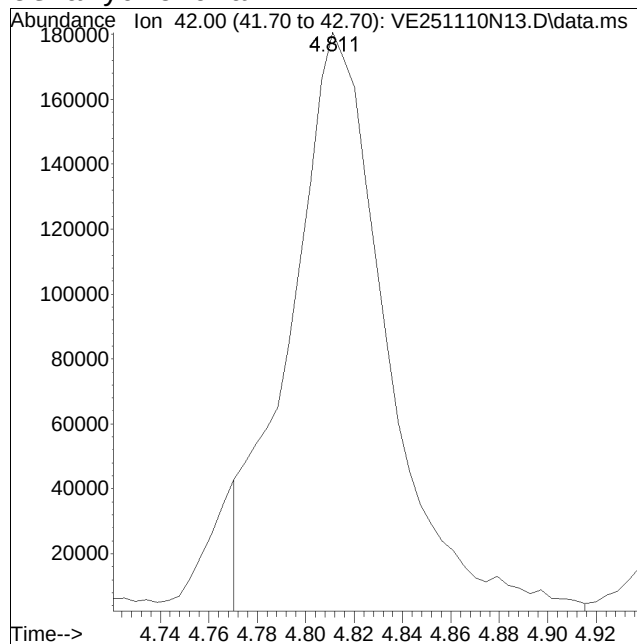
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N13.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 1:18 am Instrument : Elaine
Sample : I8260STD200PPB Quant Date : 11/11/2025 1:19 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 504017

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

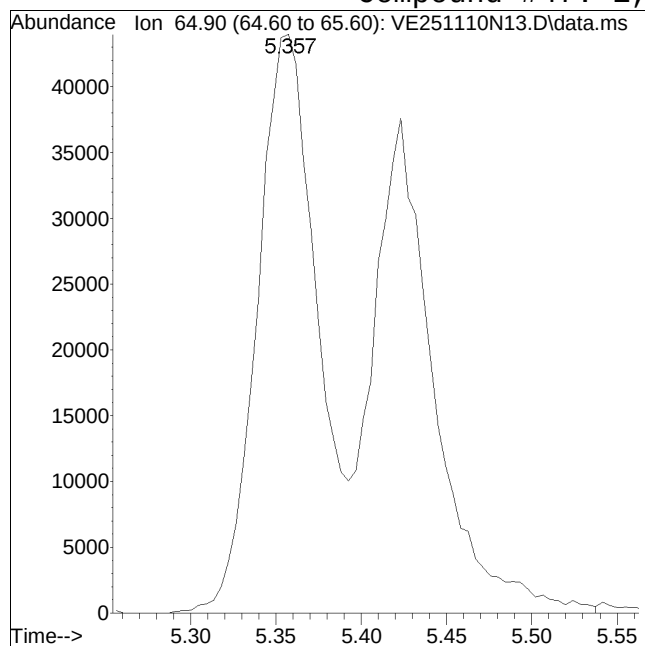


Manual Peak Response = 493569 M6

Manual Integration Report

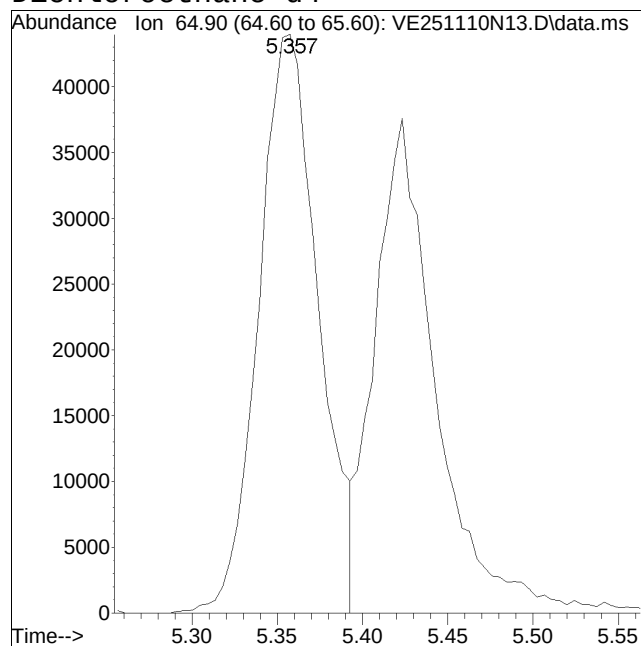
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N13.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 1:18 am Instrument : Elaine
Sample : I8260STD200PPB Quant Date : 11/11/2025 1:19 pm

Compound #47: 1,2-Dichloroethane-d4



Original Peak Response = 200588

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

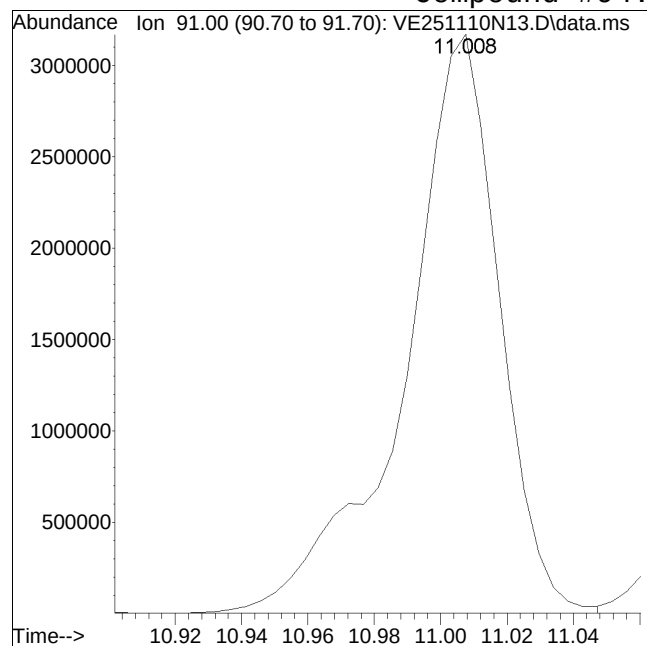


Manual Peak Response = 107265 M6

Manual Integration Report

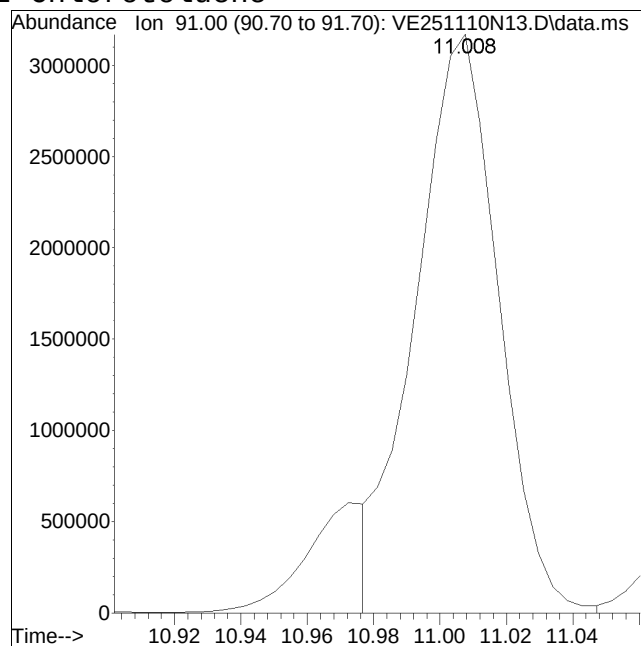
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N13.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 1:18 am Instrument : Elaine
Sample : I8260STD200PPB Quant Date : 11/11/2025 1:19 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 6241580

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



Manual Peak Response = 5494057 M6

Evaluate Continuing Calibration Report

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N18.D
 Acq On : 11 Nov 2025 3:19 am
 Operator : ELAINE:PID
 Sample : C8260STD10PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 12 12:17:07 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:16:23 2025
 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	111	0.00
2 TP	Dichlorodifluoromethane	0.328	0.295	10.1	80	0.00
3 TP	Chloromethane	0.438	0.474	-8.2	104	0.00
4 TP	Vinyl chloride	0.341	0.381	-11.7	98	0.00
5 TP	Bromomethane	0.156	0.139	10.9	104	0.00
6 TP	Chloroethane	0.222	0.261	-17.6	109	0.00
7 TP	Trichlorofluoromethane	0.404	0.439	-8.7	95	0.00
8 TP	Ethyl ether	0.132	0.129	2.3	110	0.00
10 TP	1,1-Dichloroethene	0.223	0.245	-9.9	104	0.00
11 TP	Carbon disulfide	0.755	0.778	-3.0	98	0.00
12 TP	Freon-113	0.212	0.231	-9.0	100	0.00
13 TP	Iodomethane	* 10.000	5.907	40.9#	75	0.00
14 TP	Acrolein	0.039	0.038	2.6	137	0.00
15 TP	Methylene chloride	0.271	0.277	-2.2	104	0.00
17 TP	Acetone	0.088	0.088	0.0	103	0.00
18 TP	trans-1,2-Dichloroethene	0.213	0.227	-6.6	105	0.00
19 TP	Methyl acetate	0.158	0.167	-5.7	120	0.00
21 TP	Methyl tert-butyl ether	0.495	0.433	12.5	106	0.00
22 TP	tert-Butyl alcohol	0.016	0.016	0.0	111	0.00
24 TP	Diisopropyl ether	1.055	0.996	5.6	107	0.00
25 TP	1,1-Dichloroethane	0.573	0.622	-8.6	106	0.00
26 TP	Halothane	0.152	0.156	-2.6	110	0.00
27 TP	Acrylonitrile	0.095	0.101	-6.3	124	0.00
28 TP	Ethyl tert-butyl ether	* 10.000	9.205	7.9	113	0.00
29 TP	Vinyl acetate	0.654	0.519	20.6#	106	0.00
30 TP	cis-1,2-Dichloroethene	0.256	0.253	1.2	101	0.00
31 TP	2,2-Dichloropropane	0.361	0.357	1.1	101	0.00
33 TP	Bromochloromethane	0.112	0.114	-1.8	101	0.00
34 TP	Cyclohexane	0.550	0.563	-2.4	100	0.00
35 TP	Chloroform	* 10.000	10.913	-9.1	107	0.00
36 TP	Ethyl acetate	0.229	0.228	0.4	117	0.00
37 TP	Carbon tetrachloride	0.273	0.281	-2.9	100	0.00
38 TP	Tetrahydrofuran	0.082	0.072	12.2	95	0.00
39 S	Dibromofluoromethane	0.276	0.282	-2.2	108	0.00
40 TP	1,1,1-Trichloroethane	0.345	0.360	-4.3	104	0.00
42 TP	2-Butanone	0.110	0.113	-2.7	115	0.00
43 TP	1,1-Dichloropropene	0.292	0.291	0.3	107	0.00
45 TP	Benzene	0.927	0.922	0.5	104	0.00
46 TP	tert-Amyl methyl ether	0.492	0.452	8.1	110	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N18.D
 Acq On : 11 Nov 2025 3:19 am
 Operator : ELAINE:PID
 Sample : C8260STD10PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 12 12:17:07 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:16:23 2025
 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	0.376	0.382	-1.6	109	0.00
48 T	1,2-Dichloroethane	0.383	0.376	1.8	110	0.00
51 TP	Methyl cyclohexane	0.378	0.348	7.9	104	0.00
52 TP	Trichloroethene	0.224	0.217	3.1	104	0.00
54 TP	Dibromomethane	0.138	0.139	-0.7	111	0.00
55 TP	1,2-Dichloropropane	0.294	0.280	4.8	107	0.00
57 TP	2-Chloroethyl vinyl ether	0.118	0.107	9.3	103	0.00
58 TP	Bromodichloromethane	0.318	0.292#	8.2	106	0.00
61 TP	1,4-Dioxane	0.00178	0.00183#	-2.8	112	0.00
62 TP	cis-1,3-Dichloropropene	0.350	0.335	4.3	107	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 S	Toluene-d8	1.338	1.384	-3.4	108	0.00
65 TP	Toluene	0.742	0.750	-1.1	102	0.00
66 TP	4-Methyl-2-pentanone	0.096	0.091	5.2	109	0.00
67 TP	Tetrachloroethene	* 10.000	9.331	6.7	95	0.00
69 TP	trans-1,3-Dichloropropene	* 10.000	8.859	11.4	112	0.00
71 TP	Ethyl methacrylate	0.308	0.322	-4.5	110	0.00
72 TP	1,1,2-Trichloroethane	0.193	0.183#	5.2	108	0.00
73 TP	Chlorodibromomethane	0.259	0.256	1.2	113	0.00
74 TP	1,3-Dichloropropane	0.428	0.414	3.3	107	0.00
75 TP	1,2-Dibromoethane	0.229	0.206	10.0	104	0.00
77 TP	2-Hexanone	0.230	0.255	-10.9	123	0.00
78 TP	Chlorobenzene	0.830	0.861	-3.7	104	0.00
79 TP	Ethylbenzene	1.550	1.611	-3.9	102	0.00
80 TP	1,1,1,2-Tetrachloroethane	0.252	0.236	6.3	105	0.00
81 TP	p/m Xylene	0.605	0.608	-0.5	100	0.00
82 TP	o Xylene	0.600	0.580	3.3	99	0.00
83 TP	Styrene	1.047	0.980	6.4	102	0.00
84 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
85 TP	Bromoform	* 10.000	8.383	16.2	106	0.00
87 TP	Isopropylbenzene	2.912	2.898	0.5	99	0.00
88 S	4-Bromofluorobenzene	0.953	0.961	-0.8	105	0.00
89 TP	Bromobenzene	0.605	0.588	2.8	100	0.00
90 TP	n-Propylbenzene	3.668	3.728	-1.6	101	0.00
91 TP	1,4-Dichlorobutane	1.193	1.175	1.5	106	0.00
92 TP	1,1,2,2-Tetrachloroethane	0.549	0.523	4.7	102	0.00
93 TP	4-Ethyltoluene	2.861	2.936	-2.6	101	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N18.D
 Acq On : 11 Nov 2025 3:19 am
 Operator : ELAINE:PID
 Sample : C8260STD10PPB
 Misc : WG2140152, ICAL (Sig #1); WG, ICAL22753 (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 12 12:17:07 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:16:23 2025
 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	2.210	2.237	-1.2	99	0.00
95 TP	1,3,5-Trimethylbenzene	2.564	2.475	3.5	99	0.00
96 TP	1,2,3-Trichloropropane	0.489	0.459	6.1	104	0.00
97 TP	trans-1,4-Dichloro-2-butene	0.247	0.236	4.5	105	0.00
98 TP	4-Chlorotoluene	2.235	2.311	-3.4	102	0.00
99 TP	tert-Butylbenzene	2.079	2.119	-1.9	100	0.00
102 TP	1,2,4-Trimethylbenzene	2.557	2.657	-3.9	105	0.00
103 TP	sec-Butylbenzene	3.183	3.189	-0.2	97	0.00
104 TP	p-Isopropyltoluene	2.668	2.667	0.0	100	0.00
105 TP	1,3-Dichlorobenzene	1.325	1.309	1.2	100	0.00
106 TP	1,4-Dichlorobenzene	1.314	1.308	0.5	102	0.00
107 TP	p-Diethylbenzene	1.577	1.507	4.4	94	0.00
108 TP	n-Butylbenzene	2.598	2.612	-0.5	98	0.00
109 TP	1,2-Dichlorobenzene	1.230	1.250	-1.6	101	0.00
110 TP	1,2,4,5-Tetramethylbenzene	2.667	2.500	6.3	99	0.00
111 TP	1,2-Dibromo-3-chloropropane *	10.000	10.634	-6.3	111	0.00
112 TP	1,3,5-Trichlorobenzene	0.808	0.808	0.0	101	0.00
113 TP	Hexachlorobutadiene *	10.000	9.737	2.6	99	0.00
114 TP	1,2,4-Trichlorobenzene	0.666	0.665	0.2	102	0.00
115 TP	Naphthalene	1.660	1.675	-0.9	105	0.00
116 TP	1,2,3-Trichlorobenzene	0.581	0.575	1.0	105	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 3 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N18.D
 Acq On : 11 Nov 2025 3:19 am
 Operator : ELAINE:PID
 Sample : C8260STD10PPB
 Misc : WG2140152, ICAL (Sig #1); WG, ICAL22753 (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 12 12:17:07 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:16:23 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.634	96	215765	10.000	ug/L	0.00
Standard Area 1 = 194422			Recovery	=	110.98%	
63) Chlorobenzene-d5	9.131	117	163912	10.000	ug/L	0.00
Standard Area 1 = 153144			Recovery	=	107.03%	
84) 1,4-Dichlorobenzene-d4	11.911	152	89542	10.000	ug/L	0.00
Standard Area 1 = 86422			Recovery	=	103.61%	
System Monitoring Compounds						
39) Dibromofluoromethane	4.843	113	60763	10.218	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.18%	
47) 1,2-Dichloroethane-d4	5.353	65	82526	10.186	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.86%	
64) Toluene-d8	7.301	98	226862	10.342	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.42%	
88) 4-Bromofluorobenzene	10.668	95	86079	10.085	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.85%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.468	85	63544	8.986	ug/L	100
3) Chloromethane	1.640	50	102285	10.816	ug/L	95
4) Vinyl chloride	1.708	62	82222	11.166	ug/L	98
5) Bromomethane	1.984	94	29940	8.887	ug/L	93
6) Chloroethane	2.089	64	56399	11.759	ug/L	98
7) Trichlorofluoromethane	2.215	101	94688	10.871	ug/L	97
8) Ethyl ether	2.496	74	27850	9.777	ug/L	91
10) 1,1-Dichloroethene	2.677	96	52768	10.966	ug/L	94
11) Carbon disulfide	2.705	76	167787	10.303	ug/L	98
12) Freon-113	2.714	101	49939	10.938	ug/L	98
13) Iodomethane	2.804	142	17446	5.907	ug/L	90
14) Acrolein	2.976	56	8242	9.911	ug/L	94
15) Methylene chloride	3.203	84	59668	10.191	ug/L	97
17) Acetone	3.239	43	18907	9.988	ug/L	# 90
18) trans-1,2-Dichloroethene	3.343	96	49058	10.680	ug/L	96
19) Methyl acetate	3.352	43	36114M6	10.618	ug/L	
21) Methyl tert-butyl ether	3.438	73	93504	8.758	ug/L	# 100
22) tert-Butyl alcohol	3.534	59	17704	50.706	ug/L	# 100
24) Diisopropyl ether	3.787	45	214918	9.441	ug/L	98
25) 1,1-Dichloroethane	3.905	63	134114	10.840	ug/L	98
26) Halothane	3.964	117	33604	10.226	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N18.D
 Acq On : 11 Nov 2025 3:19 am
 Operator : ELAINE:PID
 Sample : C8260STD10PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 12 12:17:07 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:16:23 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	3.950	53	21722	10.594	ug/L	97
28) Ethyl tert-butyl ether	4.122	59	148886	9.205	ug/L	96
29) Vinyl acetate	4.132	43	111905	7.935	ug/L	99
30) cis-1,2-Dichloroethene	4.408	96	54552	9.895	ug/L	96
31) 2,2-Dichloropropane	4.512	77	77120	9.898	ug/L	94
33) Bromochloromethane	4.594	128	24543	10.141	ug/L	98
34) Cyclohexane	4.598	56	121535	10.247	ug/L	100
35) Chloroform	4.671	83	107275	10.913	ug/L	97
36) Ethyl acetate	4.775	43	49218	9.960	ug/L	99
37) Carbon tetrachloride	4.797	117	60650M6	10.287	ug/L	
38) Tetrahydrofuran	4.811	42	15446M6	8.709	ug/L	
40) 1,1,1-Trichloroethane	4.865	97	77777	10.440	ug/L	99
42) 2-Butanone	4.952	43	24370	10.265	ug/L	95
43) 1,1-Dichloropropene	4.979	75	62852	9.970	ug/L	99
45) Benzene	5.221	78	198940	9.946	ug/L	99
46) tert-Amyl methyl ether	5.331	73	97443	9.182	ug/L	97
48) 1,2-Dichloroethane	5.423	62	81103	9.806	ug/L	98
51) Methyl cyclohexane	5.796	83	75007	9.196	ug/L	92
52) Trichloroethene	5.814	95	46857	9.713	ug/L	98
54) Dibromomethane	6.244	93	30044	10.106	ug/L	96
55) 1,2-Dichloropropane	6.336	63	60506	9.546	ug/L	97
57) 2-Chloroethyl vinyl ether	7.038	63	22979	8.995	ug/L	97
58) Bromodichloromethane	6.419	83	62969	9.171	ug/L	96
61) 1,4-Dioxane	6.621	88	19761	515.206	ug/L	96
62) cis-1,3-Dichloropropene	7.099	75	72253	9.575	ug/L	99
65) Toluene	7.363	92	122982	10.113	ug/L	97
66) 4-Methyl-2-pentanone	7.797	58	14947	9.505	ug/L	90
67) Tetrachloroethene	7.801	166	40395	9.331	ug/L	93
69) trans-1,3-Dichloropropene	7.845	75	64475	8.859	ug/L	99
71) Ethyl methacrylate	8.038	69	52711	10.437	ug/L	97
72) 1,1,2-Trichloroethane	8.025	83	30067	9.512	ug/L	98
73) Chlorodibromomethane	8.232	129	41913	9.855	ug/L	97
74) 1,3-Dichloropropane	8.350	76	67877	9.671	ug/L	99
75) 1,2-Dibromoethane	8.504	107	33835	9.027	ug/L	95
77) 2-Hexanone	8.798	43	41842	11.110	ug/L	# 92
78) Chlorobenzene	9.153	112	141195	10.379	ug/L	98
79) Ethylbenzene	9.192	91	264081	10.396	ug/L	98
80) 1,1,1,2-Tetrachloroethane	9.236	131	38671	9.379	ug/L	97
81) p/m Xylene	9.381	106	199269	20.085	ug/L	97
82) o Xylene	9.925	106	190156	19.340	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251110NICAL\
 Data File : VE251110N18.D
 Acq On : 11 Nov 2025 3:19 am
 Operator : ELAINE:PID
 Sample : C8260STD10PPB
 Misc : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 12 12:17:07 2025
 Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:16:23 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251110NICAL\VE251110N09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	9.995	104	321155	18.705	ug/L	98
85)	Bromoform	10.026	173	21556	8.383	ug/L	99
87)	Isopropylbenzene	10.325	105	259483	9.952	ug/L	98
89)	Bromobenzene	10.774	156	52665	9.725	ug/L	100
90)	n-Propylbenzene	10.831	91	333854	10.164	ug/L	100
91)	1,4-Dichlorobutane	10.845	55	105172	9.842	ug/L	98
92)	1,1,2,2-Tetrachloroethane	10.928	83	46826	9.518	ug/L	92
93)	4-Ethyltoluene	10.963	105	262875	10.261	ug/L	99
94)	2-Chlorotoluene	11.003	91	200324M6	10.122	ug/L	
95)	1,3,5-Trimethylbenzene	11.069	105	221582	9.652	ug/L	99
96)	1,2,3-Trichloropropane	11.065	75	41127	9.399	ug/L	95
97)	trans-1,4-Dichloro-2-b...	11.122	53	21142	9.546	ug/L	96
98)	4-Chlorotoluene	11.188	91	206919	10.337	ug/L	99
99)	tert-Butylbenzene	11.417	119	189702	10.191	ug/L	99
102)	1,2,4-Trimethylbenzene	11.497	105	237871	10.389	ug/L	99
103)	sec-Butylbenzene	11.607	105	285564	10.018	ug/L	100
104)	p-Isopropyltoluene	11.774	119	238821	9.998	ug/L	98
105)	1,3-Dichlorobenzene	11.831	146	117227	9.883	ug/L	99
106)	1,4-Dichlorobenzene	11.928	146	117146	9.959	ug/L	99
107)	p-Diethylbenzene	12.153	119	134933	9.553	ug/L	99
108)	n-Butylbenzene	12.210	91	233891	10.055	ug/L	99
109)	1,2-Dichlorobenzene	12.356	146	111922	10.159	ug/L	97
110)	1,2,4,5-Tetramethylben...	12.955	119	223819	9.372	ug/L	99
111)	1,2-Dibromo-3-chloropr...	13.149	155	7587	10.634	ug/L	92
112)	1,3,5-Trichlorobenzene	13.175	180	72321	9.996	ug/L	98
113)	Hexachlorobutadiene	13.757	225	18040	9.737	ug/L	95
114)	1,2,4-Trichlorobenzene	13.779	180	59508	9.976	ug/L	99
115)	Naphthalene	14.069	128	149947	10.086	ug/L	100
116)	1,2,3-Trichlorobenzene	14.241	180	51512	9.900	ug/L	95

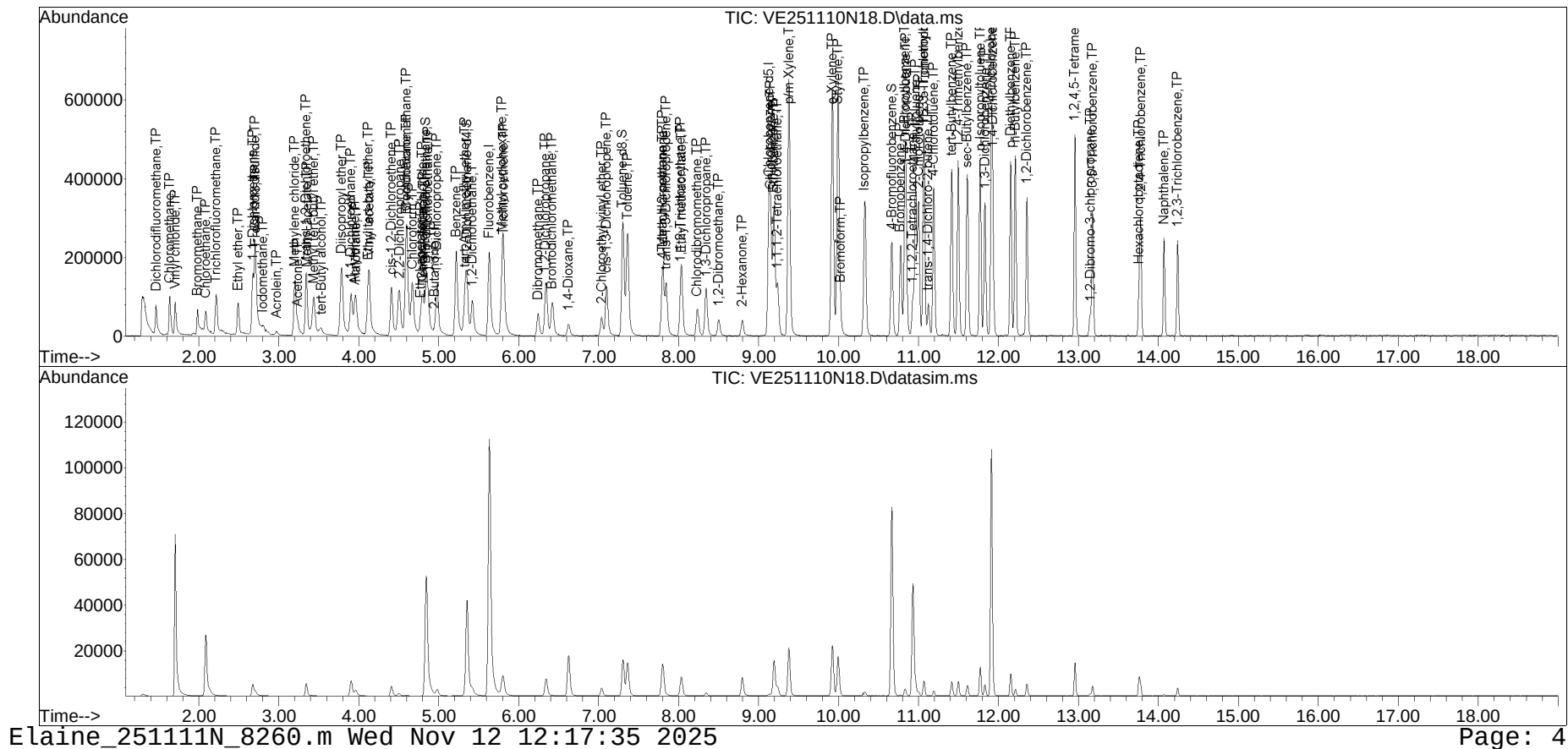
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

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Data Path   : K:\Elaine\2025\251110NICAL\  
Data File  : VE251110N18.D  
Acq On     : 11 Nov 2025    3:19 am  
Operator   : ELAINE:PID  
Sample     : C8260STD10PPB  
Misc       : WG2140152,ICAL (Sig #1); WG,ICAL22753 (Sig #2)  
ALS Vial   : 18    Sample Multiplier: 1
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Quant Time: Nov 12 12:17:07 2025
Quant Method : K:\Elaine\2025\251110NICAL\Elaine_251111N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 12 12:16:23 2025
Response via : Initial Calibration

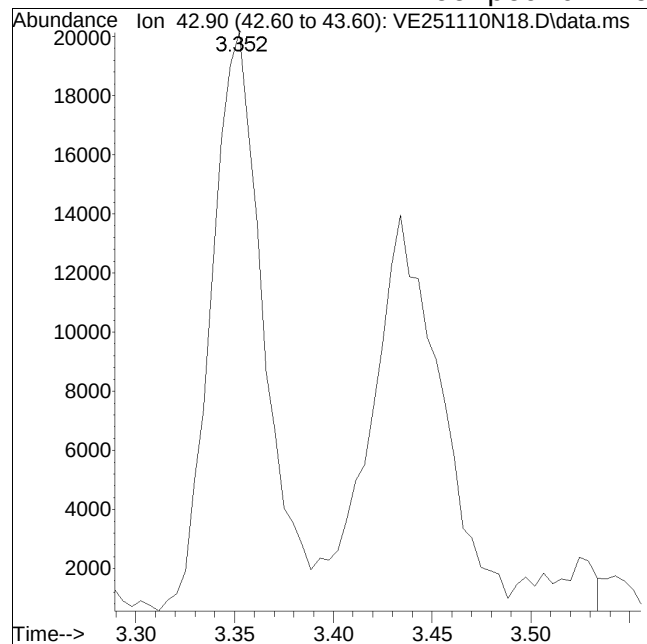
Sub List : 8260-Curve - Megamix plus Diox\VE251110N09.D•



Manual Integration Report

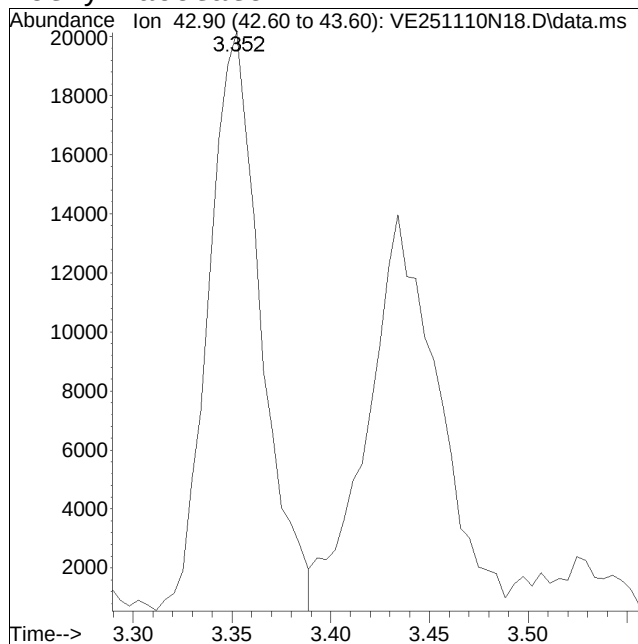
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N18.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 3:19 am Instrument : Elaine
Sample : C8260STD10PPB Quant Date : 11/12/2025 12:16 pm

Compound #19: Methyl acetate



Original Peak Response = 72176

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

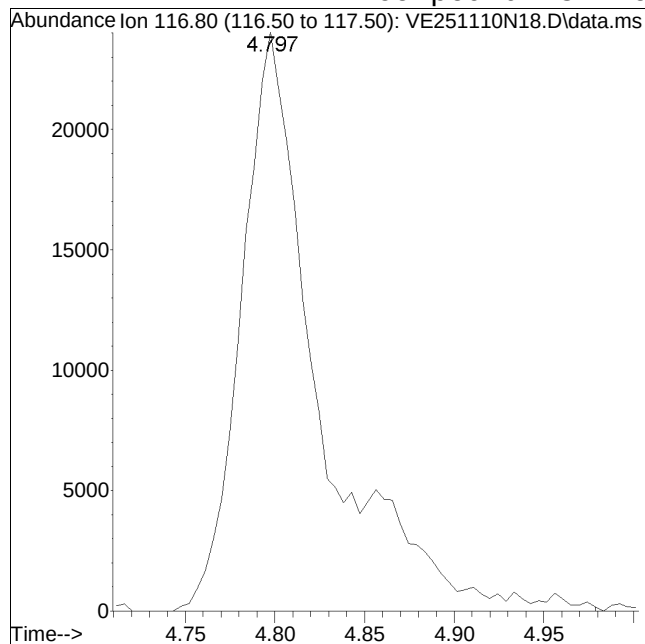


Manual Peak Response = 36114 M6

Manual Integration Report

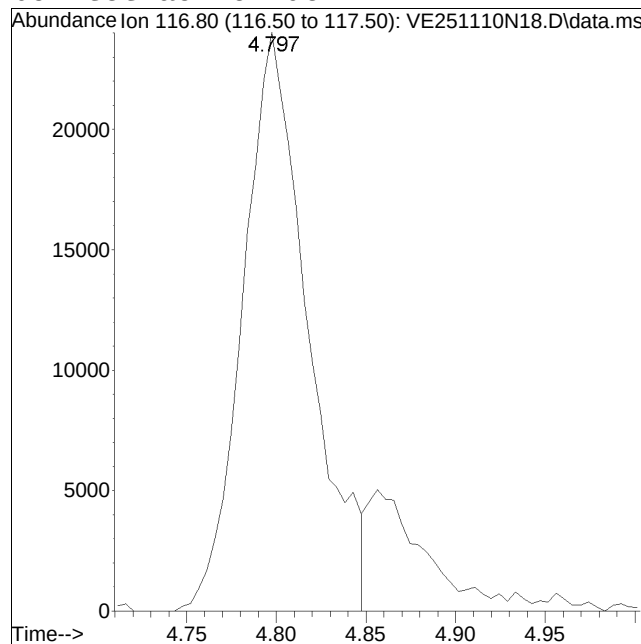
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N18.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 3:19 am Instrument : Elaine
Sample : C8260STD10PPB Quant Date : 11/12/2025 12:16 pm

Compound #37: Carbon tetrachloride



Original Peak Response = 72904

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

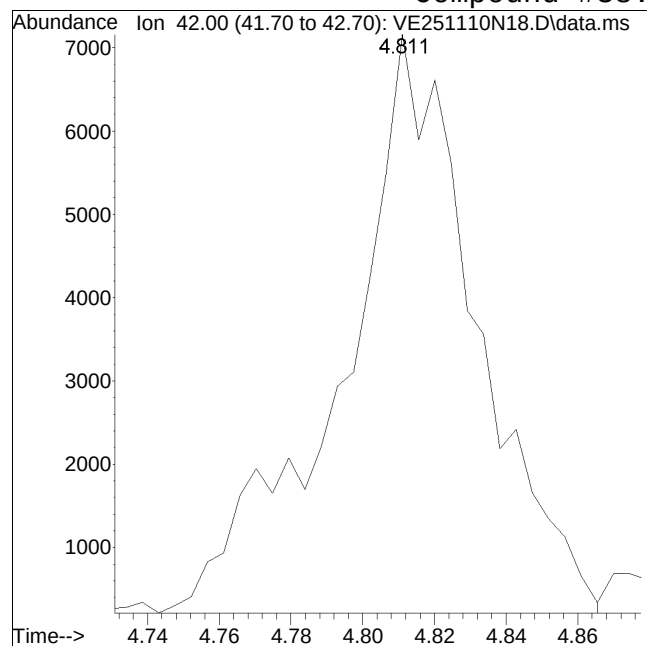


Manual Peak Response = 60650 M6

Manual Integration Report

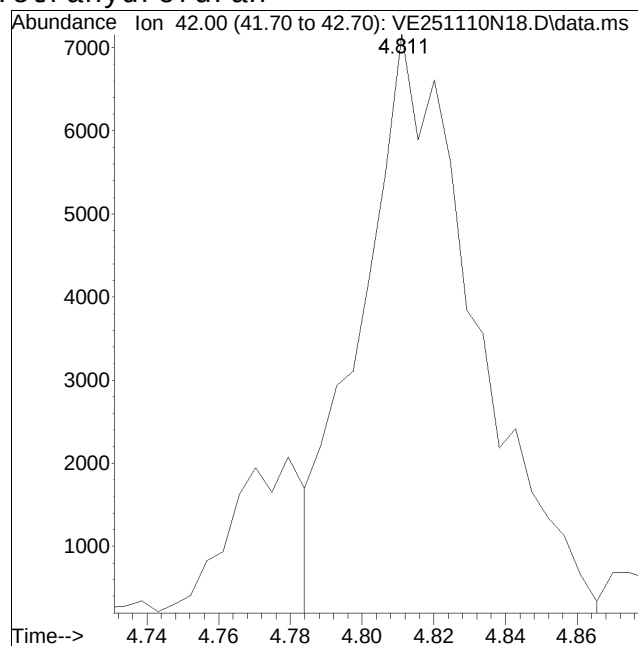
Data Path : K:\Elaine\2025\251110NICALQMethod : Elaine_251111N_8260.m
Data File : VE251110N18.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 3:19 am Instrument : Elaine
Sample : C8260STD10PPB Quant Date : 11/12/2025 12:16 pm

Compound #38: Tetrahydrofuran



Original Peak Response = 17960

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

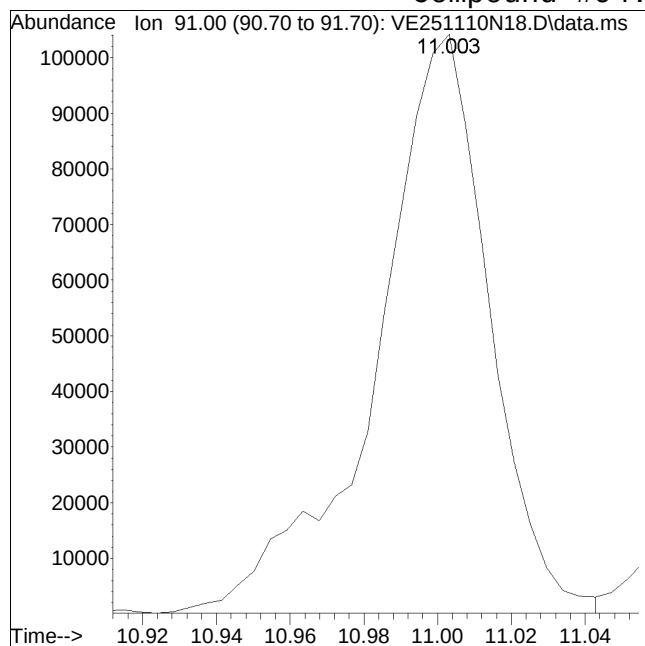


Manual Peak Response = 15446 M6

Manual Integration Report

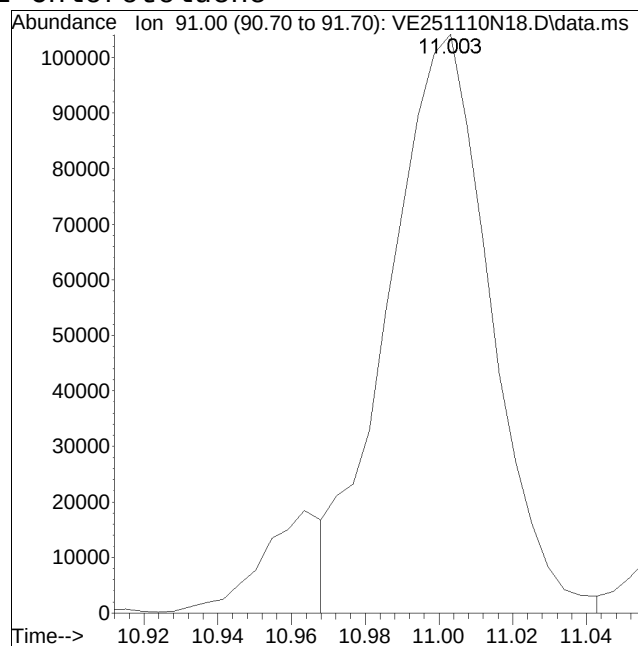
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Data File : VE251110N18.D Operator : ELAINE:PID
Date Inj'd : 11/11/2025 3:19 am Instrument : Elaine
Sample : C8260STD10PPB Quant Date : 11/12/2025 12:16 pm

Compound #94: 2-Chlorotoluene



Original Peak Response = 221055

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



Manual Peak Response = 200324 M6

Method Path : K:\Elaine\2025\251110NICAL\
 Method File : Elaine_251111N_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Wed Nov 12 12:15:18 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
13	TP Iodomethane	Q	ug/L	10.0	8.140	-18.6	2.00	2.440	22.0
28	TP Ethyl tert-butyl ether	Q	ug/L	10.0	9.026	-9.7	0.50	0.594	18.8
35	TP Chloroform	L	ug/L	10.0	11.298	13.0	0.50	0.375	-25.0
67	TP Tetrachloroethene	L	ug/L	10.0	10.450	4.5	0.19	0.204	7.4
69	TP trans-1,3-Dichloropropene	Q	ug/L	10.0	8.510	-14.9	0.19	0.236	24.2
85	TP Bromoform	Q	ug/L	10.0	8.191	-18.1	0.50	0.611	22.2
111	TP 1,2-Dibromo-3-chloropropane	L	ug/L	10.0	9.930	-0.7	0.50	0.525	5.0
113	TP Hexachlorobutadiene	L	ug/L	10.0	10.223	2.2	0.50	0.500	0.0

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
13	TP Iodomethane	Quadratic	0.997577	0.000850	0.176102	-0.0234718
28	TP Ethyl tert-butyl ether	Quadratic	0.999336	0.005883	0.767805	-0.0217356
35	TP Chloroform	Linear	0.998741	0.000000	0.430953	0.0268879
67	TP Tetrachloroethene	Linear	0.998706	0.000000	0.267191	-0.00288063
69	TP trans-1,3-Dichloropropene	Quadratic	0.998746	0.001027	0.451202	-0.00715902
85	TP Bromoform	Quadratic	0.998183	0.002586	0.296213	-0.0094106
111	TP 1,2-Dibromo-3-chloropropane	Linear	0.999188	0.000000	0.082117	-0.00258921
113	TP Hexachlorobutadiene	Linear	0.997663	0.000000	0.212099	-0.00504471

Response Factor Report VOA 122

Method Path : K:\VOA122\2025\251114AICAL\
 Method File : V122_251114A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sat Nov 15 12:03:11 2025
 Response Via : Initial Calibration

Calibration Files

L11 =V22251114A04.D L1 =V22251114A05.D L2 =V22251114A07.D L3 =V22251114A09.D L4 =V22251114A10.D
 L6 =V22251114A11.D L8 =V22251114A12.D L10 =V22251114A13.D

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

1) I	Fluorobenzene	-----ISTD-----									
2) TP	Dichlorodifluo...	0.107	0.170	0.169	0.193	0.190	0.179	0.180	0.170	17.13	
3) TP	Chloromethane	0.149	0.170	0.172	0.174	0.168	0.159	0.159	0.164	5.48	
4) TP	Vinyl chloride	0.157 0.140	0.200	0.201	0.210	0.201	0.190	0.187	0.186	13.19	
5) TP	Bromomethane	0.135	0.128	0.126	0.129	0.130	0.130	0.134	0.130	2.45	
6) TP	Chloroethane	0.169	0.161	0.143	0.146	0.138	0.124	0.109	0.142	14.66	
7) TP	Trichlorofluor...	0.124	0.185	0.185	0.208	0.203	0.196	0.196	0.185	15.29	
8) TP	Ethyl ether	0.041	0.049	0.052	0.054	0.053	0.054	0.054	0.051	9.15	
10) TP	1,1-Dichloroet...	0.078	0.110	0.114	0.121	0.120	0.116	0.118	0.111	13.61	
11) TP	Carbon disulfide	0.279	0.387	0.388	0.402	0.397	0.385	0.393	0.376	11.51	
12) TP	Freon-113	0.074	0.103	0.102	0.118	0.117	0.113	0.121	0.107	15.17	
13) TP	Iodomethane	0.098	0.143	0.173	0.185	0.184	0.178	0.175	0.162	19.57	
14) TP	Acrolein		0.011	0.010	0.010	0.010	0.010	0.010	0.010#	5.64	
15) TP	Methylene chlo...	0.128	0.132	0.132	0.131	0.127	0.127	0.126	0.129	1.90	
17) TP	Acetone		0.034	0.020	0.017	0.016	0.017	0.016	*L	0.9994	
18) TP	trans-1,2-Dich...	0.101	0.123	0.127	0.129	0.128	0.129	0.131	0.124	8.26	
19) TP	Methyl acetate		0.051	0.042	0.040	0.040	0.043	0.041	0.043	9.73	
21) TP	Methyl tert-bu...	0.199	0.207	0.228	0.240	0.236	0.244	0.242	0.228	7.95	
22) TP	tert-Butyl alc...		0.004	0.005	0.005	0.005	0.005	0.005	0.005#	5.38	
24) TP	Diisopropyl ether	0.281	0.306	0.308	0.323	0.331	0.327	0.330	0.315	5.74	
25) TP	1,1-Dichloroet...	0.193	0.220	0.227	0.234	0.230	0.227	0.230	0.223#	6.22	
26) TP	Halothane	0.073	0.094	0.093	0.098	0.098	0.096	0.102	0.093	9.96	
27) TP	Acrylonitrile	0.026	0.022	0.023	0.025	0.024	0.025	0.024	0.024	5.54	
28) TP	Ethyl tert-but...	0.243	0.257	0.270	0.286	0.292	0.306	0.303	0.280	8.55	
29) TP	Vinyl acetate		0.154	0.149	0.168	0.165	0.173	0.197	0.168	9.96	
30) TP	cis-1,2-Dichlo...	0.104	0.135	0.135	0.138	0.137	0.135	0.136	0.132#	9.12	
31) TP	2,2-Dichloropr...	0.158	0.176	0.173	0.177	0.177	0.173	0.177	0.173	3.93	
32) TP	Bromochloromet...	0.052	0.061	0.063	0.065	0.063	0.062	0.060	0.061#	6.56	
33) TP	Cyclohexane	0.166	0.204	0.192	0.229	0.238	0.232	0.241	0.215	13.06	
34) TP	Chloroform	0.247	0.231	0.218	0.217	0.218	0.219	0.222	0.225#	4.91	
35) TP	Ethyl acetate		0.056	0.058	0.059	0.059	0.062	0.059	0.059	3.58	

Response Factor Report VOA 122

Method Path : K:\VOA122\2025\251114AICAL\
 Method File : V122_251114A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sat Nov 15 12:03:11 2025
 Response Via : Initial Calibration

Calibration Files

L11 =V22251114A04.D L1 =V22251114A05.D L2 =V22251114A07.D L3 =V22251114A09.D L4 =V22251114A10.D
 L6 =V22251114A11.D L8 =V22251114A12.D L10 =V22251114A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
36)	TP Carbon tetrach...	0.120	0.131	0.173	0.179	0.196	0.196	0.191	0.197	0.173	17.73
37)	TP Tetrahydrofuran		0.021	0.018	0.018	0.017	0.018	0.018	0.018		7.61
38)	S Dibromofluorom...	0.268	0.266	0.271	0.267	0.260	0.260	0.265	0.266	0.265	1.42
39)	TP 1,1,1-Trichlor...		0.148	0.189	0.197	0.209	0.208	0.204	0.208	0.195	11.20
41)	TP 2-Butanone		0.019	0.022	0.024	0.024	0.025	0.024	0.023		9.21
42)	TP 1,1-Dichloropr...		0.114	0.149	0.161	0.173	0.180	0.176	0.179	0.162	14.64
44)	TP Benzene	0.296	0.269	0.311	0.310	0.328	0.329	0.319	0.321	0.310	6.44
45)	TP tert-Amyl meth...		0.217	0.218	0.229	0.243	0.252	0.261	0.256	0.240	7.55
46)	S 1,2-Dichloroet...	0.253	0.256	0.249	0.256	0.253	0.254	0.265	0.266	0.256	2.40
47)	T 1,2-Dichloroet...	0.144	0.122	0.127	0.132	0.135	0.137	0.139	0.137	0.134	5.18
50)	TP Methyl cyclohe...		0.191	0.187	0.240	0.250	0.246	0.254	0.228		13.34
51)	TP Trichloroethene	0.136	0.114	0.125	0.131	0.144	0.151	0.148	0.151	0.138#	9.78
53)	TP Dibromomethane		0.053	0.057	0.061	0.066	0.066	0.067	0.066	0.062	9.04
54)	TP 1,2-Dichloropr...		0.094	0.107	0.126	0.133	0.132	0.132	0.133	0.122#	12.87
56)	TP 2-Chloroethyl ...		0.040	0.045	0.050	0.051	0.051	0.052	0.050	0.049	8.94
57)	TP Bromodichlorom...		0.108	0.105	0.114	0.120	0.119	0.118	0.116	0.114#	5.08
60)	TP 1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	10.08
61)	TP cis-1,3-Dichlo...	0.135	0.151	0.160	0.174	0.194	0.196	0.198	0.198	0.176#	14.05
62)	I Chlorobenzene-d5	-----ISTD-----									
63)	S Toluene-d8	1.302	1.303	1.309	1.304	1.283	1.291	1.274	1.273	1.292	1.10
64)	TP Toluene		0.314	0.384	0.397	0.419	0.422	0.415	0.422	0.396	9.87
65)	TP 4-Methyl-2-pen...		0.024	0.028	0.029	0.031	0.031	0.029	0.029	0.029#	9.26
66)	TP Tetrachloroethene	0.119	0.119	0.169	0.174	0.188	0.192	0.189	0.193	0.168	18.56
68)	TP trans-1,3-Dich...	0.148	0.150	0.156	0.178	0.199	0.206	0.207	0.204	0.181#	14.52
70)	TP Ethyl methacry...		0.126	0.118	0.126	0.133	0.133	0.135	0.129	0.128	4.57
71)	TP 1,1,2-Trichlor...		0.092	0.077	0.086	0.093	0.096	0.097	0.095	0.091#	7.84
72)	TP Chlorodibromom...		0.113	0.123	0.137	0.151	0.156	0.157	0.156	0.142#	12.55
73)	TP 1,3-Dichloropr...		0.151	0.164	0.177	0.192	0.193	0.194	0.189	0.180	9.29
74)	TP 1,2-Dibromoethane		0.088	0.101	0.106	0.114	0.115	0.117	0.113	0.108#	9.59
76)	TP 2-Hexanone		0.051	0.053	0.050	0.054	0.054	0.049	0.052		4.45
77)	TP Chlorobenzene		0.392	0.444	0.452	0.471	0.472	0.458	0.462	0.450	6.09

Response Factor Report VOA 122

Method Path : K:\VOA122\2025\251114AICAL\
 Method File : V122_251114A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sat Nov 15 12:03:11 2025
 Response Via : Initial Calibration

Calibration Files

L11 =V22251114A04.D L1 =V22251114A05.D L2 =V22251114A07.D L3 =V22251114A09.D L4 =V22251114A10.D
 L6 =V22251114A11.D L8 =V22251114A12.D L10 =V22251114A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
78) TP	Ethylbenzene	0.675	0.786	0.817	0.853	0.860	0.828	0.833	0.807	7.85	
79) TP	1,1,1,2-Tetrac...	0.120	0.143	0.150	0.164	0.168	0.166	0.166	0.154	11.51	
80) TP	p/m Xylene	0.251	0.321	0.330	0.346	0.353	0.341	0.350	0.327	10.86	
81) TP	o Xylene	0.261	0.302	0.314	0.332	0.340	0.328	0.335	0.316	8.70	
82) TP	Styrene	0.428	0.484	0.514	0.547	0.557	0.538	0.542	0.516	8.91	
83) I	1,4-Dichlorobenzene-d4	-----ISTD-----									
84) TP	Bromoform	0.135	0.126	0.138	0.155	0.169	0.172	0.177	0.153	13.22	
86) TP	Isopropylbenzene	1.175	1.502	1.530	1.633	1.657	1.606	1.612	1.531	10.88	
87) S	4-Bromofluorob...	0.898	0.891	0.886	0.882	0.862	0.852	0.851	0.875	2.07	
88) TP	Bromobenzene	0.289	0.314	0.329	0.350	0.354	0.349	0.353	0.334	7.48	
89) TP	n-Propylbenzene	1.432	1.772	1.819	1.959	1.997	1.920	1.921	1.831	10.53	
90) TP	1,4-Dichlorobu...	0.379	0.321	0.320	0.341	0.352	0.356	0.355	0.346	6.10	
91) TP	1,1,2,2-Tetrac...	0.241	0.215	0.210	0.216	0.234	0.236	0.233	0.227	5.19	
92) TP	4-Ethyltoluene	1.209	1.463	1.514	1.624	1.631	1.570	1.563	1.511	9.64	
93) TP	2-Chlorotoluene	0.926	1.045	1.050	1.106	1.124	1.019	1.044	1.045	6.16	
94) TP	1,3,5-Trimethy...	1.038	1.240	1.280	1.371	1.393	1.340	1.347	1.287	9.45	
95) TP	1,2,3-Trichlor...	0.164	0.164	0.179	0.185	0.190	0.194	0.186	0.180	6.62	
96) TP	trans-1,4-Dich...	0.067	0.058	0.060	0.064	0.067	0.068	0.065	0.064	5.71	
97) TP	4-Chlorotoluene	0.947	1.067	1.086	1.148	1.158	1.116	1.119	1.091	6.53	
98) TP	tert-Butylbenzene	0.871	1.054	1.084	1.184	1.206	1.161	1.168	1.104	10.54	
101) TP	1,2,4-Trimethy...	1.027	1.190	1.236	1.331	1.343	1.305	1.301	1.248	8.91	
102) TP	sec-Butylbenzene	0.745	0.873	0.918	0.982	0.959	0.905	0.899	0.897	8.55	
103) TP	p-Isopropyltol...	0.991	1.284	1.362	1.484	1.508	1.434	1.414	1.354	13.05	
104) TP	1,3-Dichlorobe...	0.590	0.670	0.696	0.733	0.736	0.716	0.712	0.693	7.34	
105) TP	1,4-Dichlorobe...	0.605	0.660	0.678	0.714	0.723	0.703	0.703	0.684	5.94	
106) TP	p-Diethylbenzene	0.572	0.728	0.771	0.845	0.872	0.844	0.846	0.783	13.52	
107) TP	n-Butylbenzene	0.925	1.105	1.156	1.279	1.296	1.236	1.228	1.175	10.98	
108) TP	1,2-Dichlorobe...	0.522	0.579	0.594	0.634	0.640	0.627	0.618	0.602	6.90	
109) TP	1,2,4,5-Tetram...	0.835	0.975	1.037	1.123	1.150	1.122	1.134	1.054	10.93	
110) TP	1,2-Dibromo-3-...	0.022	0.031	0.035	0.037	0.038	0.039	0.037	0.034	17.07	
111) TP	1,3,5-Trichlor...	0.340	0.380	0.387	0.416	0.419	0.412	0.417	0.396	7.39	

Response Factor Report VOA 122

Method Path : K:\VOA122\2025\251114AICAL\
Method File : V122_251114A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Sat Nov 15 12:03:11 2025
Response Via : Initial Calibration

Calibration Files

L11 =V22251114A04.D L1 =V22251114A05.D L2 =V22251114A07.D L3 =V22251114A09.D L4 =V22251114A10.D
L6 =V22251114A11.D L8 =V22251114A12.D L10 =V22251114A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
112) TP Hexachlorobuta...	0.108	0.123	0.123	0.145	0.150	0.147	0.155	0.136	13.00	
113) TP 1,2,4-Trichlor...	0.280	0.305	0.312	0.342	0.347	0.350	0.347	0.326#	8.31	
114) TP Naphthalene	0.662	0.654	0.701	0.742	0.727	0.734	0.708	0.704	4.91	
115) TP 1,2,3-Trichlor...	0.238	0.245	0.260	0.281	0.282	0.286	0.279	0.267#	7.35	

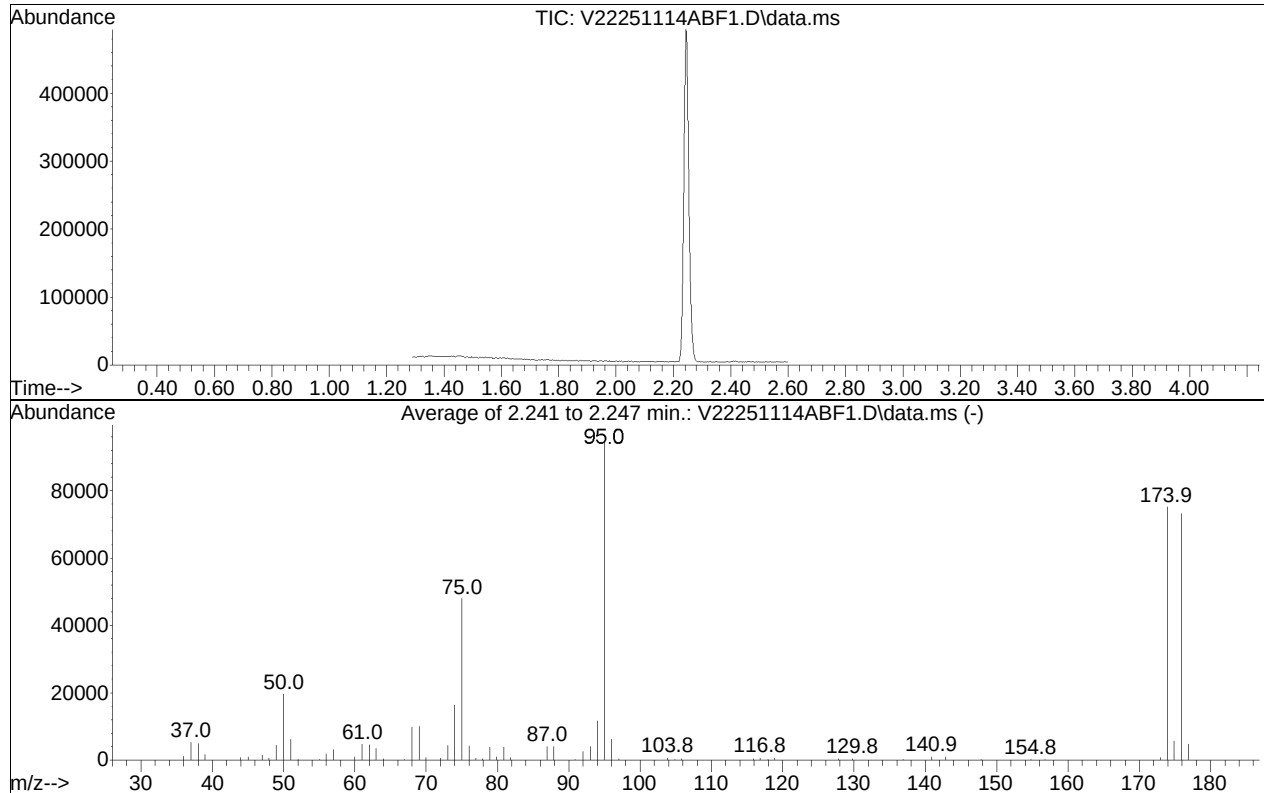
(#) = Out of Range

BFB

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114ABF1.D
 Acq On : 14 Nov 2025 05:21 pm
 Operator : VOA122:PID
 Sample : WG2142111-1
 Misc : WG2142111
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sat Nov 15 12:03:11 2025



AutoFind: Scans 342, 343, 344; Background Corrected with Scan 331

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.6	19552	PASS
75	95	30	60	50.6	47963	PASS
95	95	100	100	100.0	94853	PASS
96	95	5	9	6.5	6208	PASS
173	174	0.00	2	1.2	886	PASS
174	95	50	100	79.3	75200	PASS
175	174	5	9	7.7	5764	PASS
176	174	95	101	97.4	73219	PASS
177	176	5	9	6.5	4745	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A04.D
 Acq On : 14 Nov 2025 06:51 pm
 Operator : VOA122:PID
 Sample : I8260STD0.19PPB
 Misc : WG2142111,ICAL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 15 12:01:03 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:59:57 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-L11_NJnew - L11 new NJ

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

Internal Standards						
1) Fluorobenzene	5.710	96	423736	10.000	ug/L	0.00
Standard Area 1 = 432596			Recovery	=	97.95%	
62) Chlorobenzene-d5	9.225	117	339833	10.000	ug/L	0.00
Standard Area 1 = 345288			Recovery	=	98.42%	
83) 1,4-Dichlorobenzene-d4	11.993	152	184582	10.000	ug/L	0.00
Standard Area 1 = 189494			Recovery	=	97.41%	
System Monitoring Compounds						
38) Dibromofluoromethane	4.912	113	113758	10.128	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	101.28%	
46) 1,2-Dichloroethane-d4	5.423	65	107162	9.839	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	98.39%	
63) Toluene-d8	7.395	98	442485	10.080	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	100.80%	
87) 4-Bromofluorobenzene	10.754	95	165753	10.270	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	102.70%	
Target Compounds						Qvalue
4) Vinyl chloride	1.758	62	1268	0.159	ug/L #	48
36) Carbon tetrachloride	4.872	117	967	0.128	ug/L #	36
44) Benzene	5.296	78	2385	0.181	ug/L #	80
47) 1,2-Dichloroethane	5.493	62	1163	0.209	ug/L #	85
51) Trichloroethene	5.884	95	1098	0.188	ug/L #	69
61) cis-1,3-Dichloropropene	7.180	75	1086	0.146	ug/L #	35
66) Tetrachloroethene	7.896	166	771	0.136	ug/L	98
68) trans-1,3-Dichloropropene	7.930	75	957	0.155	ug/L #	54
91) 1,1,2,2-Tetrachloroethane	11.006	83	845	0.208	ug/L #	86

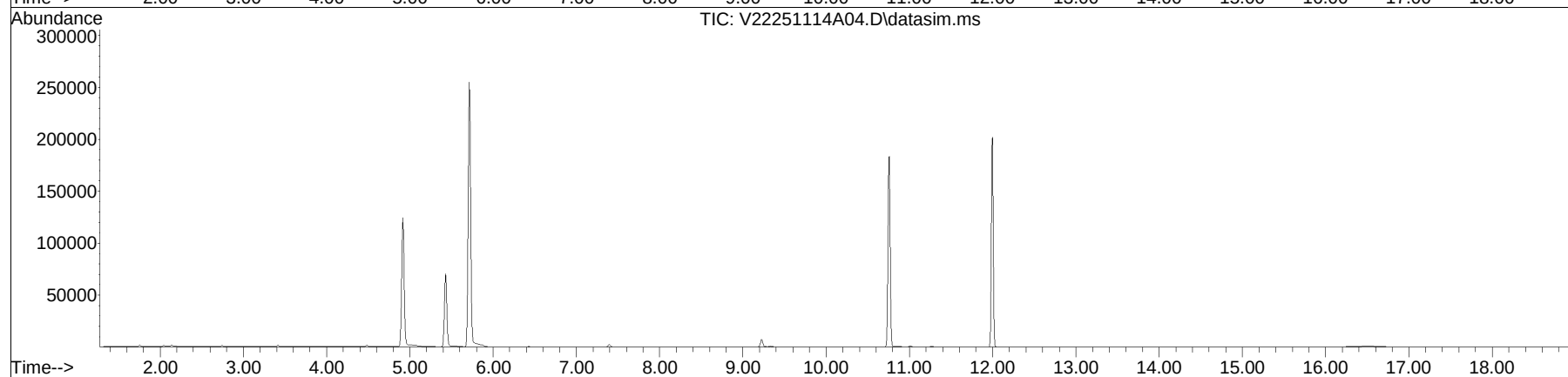
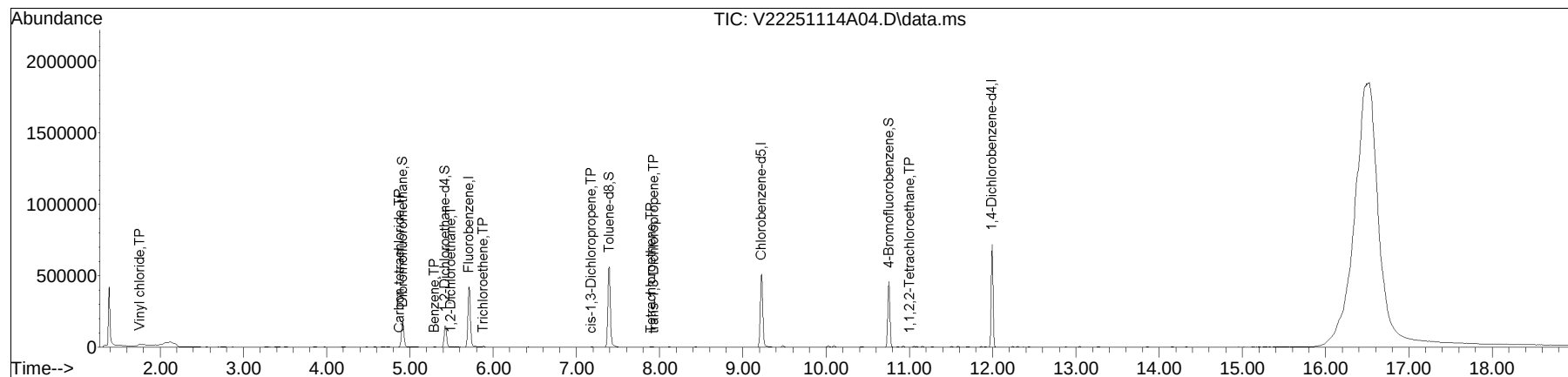
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A04.D
 Acq On : 14 Nov 2025 06:51 pm
 Operator : VOA122:PID
 Sample : I8260STD0.19PPB
 Misc : WG2142111,ICAL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 15 12:01:03 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:59:57 2025
 Response via : Initial Calibration

Sub List : 8260-L11_NJnew - L11 new NJCAL\V22251114A09.D•



V122_251114A_8260.m Sat Nov 15 12:23:35 2025

Page: 2

Manual Integration Report

Data Path	: K:\VOA122\2025\251114AICALQMethod	: V122_251114A_8260.m
Data File	: V22251114A04.D	Operator : VOA122:PID
Date Inj'd	: 11/14/2025 6:51 pm	Instrument : VOA 122
Sample	: I8260STD0.19PPB	Quant Date : 11/15/2025 12:00 pm

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A05.D
 Acq On : 14 Nov 2025 07:16 pm
 Operator : VOA122:PID
 Sample : I8260STD0.5PPB
 Misc : WG2142111,ICAL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 15 11:52:57 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.710	96	435628	10.000	ug/L	0.00
Standard Area 1 = 432596			Recovery	=	100.70%	
62) Chlorobenzene-d5	9.225	117	350934	10.000	ug/L	0.00
Standard Area 1 = 345288			Recovery	=	101.64%	
83) 1,4-Dichlorobenzene-d4	11.993	152	190755	10.000	ug/L	0.00
Standard Area 1 = 189494			Recovery	=	100.67%	
System Monitoring Compounds						
38) Dibromofluoromethane	4.912	113	115724	9.966	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.66%	
46) 1,2-Dichloroethane-d4	5.424	65	111310	9.995	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.95%	
63) Toluene-d8	7.395	98	457370	9.996	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.96%	
87) 4-Bromofluorobenzene	10.754	95	169961	10.104	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.04%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.515	85	2335M6	0.317	ug/L	
3) Chloromethane	1.687	50	3239	0.433	ug/L	95
4) Vinyl chloride	1.758	62	3043M6	0.347	ug/L	
5) Bromomethane	2.040	94	2951M6	0.536	ug/L	
6) Chloroethane	2.142	64	3689M6	0.591	ug/L	
7) Trichlorofluoromethane	2.276	101	2701	0.334	ug/L	98
8) Ethyl ether	2.558	74	897	0.398	ug/L #	82
10) 1,1-Dichloroethene	2.739	96	1694	0.340	ug/L	98
11) Carbon disulfide	2.770	76	6067	0.359	ug/L	99
12) Freon-113	2.778	101	1614	0.362	ug/L	91
13) Iodomethane	2.872	142	2135	0.284	ug/L	96
14) Acrolein	0.000		0	N.D.	d	
15) Methylene chloride	3.272	84	2781	0.485	ug/L	96
17) Acetone	3.303	43	1232M6	1.402	ug/L	
18) trans-1,2-Dichloroethene	3.413	96	2206	0.400	ug/L	89
19) Methyl acetate	3.421	43	2412	1.324	ug/L #	76
21) Methyl tert-butyl ether	3.507	73	4324	0.434	ug/L #	64
22) tert-Butyl alcohol	0.000		0	N.D.	d	
24) Diisopropyl ether	3.860	45	6130	0.456	ug/L #	81
25) 1,1-Dichloroethane	3.978	63	4205	0.425	ug/L	99
26) Halothane	4.025	117	1596	0.392	ug/L	86

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A05.D
 Acq On : 14 Nov 2025 07:16 pm
 Operator : VOA122:PID
 Sample : I8260STD0.5PPB
 Misc : WG2142111,ICAL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 15 11:52:57 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) Acrylonitrile	4.010	53	574	0.565	ug/L	#	85
28) Ethyl tert-butyl ether	4.198	59	5282	0.449	ug/L	#	77
29) Vinyl acetate	0.000		0	N.D.	d		
30) cis-1,2-Dichloroethene	4.480	96	2276	0.387	ug/L		93
31) 2,2-Dichloropropane	4.582	77	3449	0.457	ug/L		88
32) Bromochloromethane	4.669	128	1141	0.418	ug/L		89
33) Cyclohexane	4.684	56	3623M6	0.434	ug/L		
34) Chloroform	4.739	83	5383	0.567	ug/L		92
35) Ethyl acetate	0.000		0	N.D.	d		
36) Carbon tetrachloride	4.880	117	2849	0.365	ug/L	#	86
37) Tetrahydrofuran	0.000		0	N.D.	d		
39) 1,1,1-Trichloroethane	4.943	97	3224	0.375	ug/L		96
41) 2-Butanone	0.000		0	N.D.	d		
42) 1,1-Dichloropropene	5.061	75	2491	0.356	ug/L		95
44) Benzene	5.296	78	5852	0.434	ug/L	#	83
45) tert-Amyl methyl ether	5.410	73	4736	0.474	ug/L		92
47) 1,2-Dichloroethane	5.493	62	2666	0.463	ug/L		93
50) Methyl cyclohexane	5.884	83	2946	0.361	ug/L		92
51) Trichloroethene	5.891	95	2486	0.435	ug/L		86
53) Dibromomethane	6.317	93	1145	0.432	ug/L		92
54) 1,2-Dichloropropane	6.429	63	2042	0.372	ug/L		96
56) 2-Chloroethyl vinyl ether	7.131	63	881	0.407	ug/L	#	38
57) Bromodichloromethane	6.492	83	2355	0.473	ug/L	#	93
60) 1,4-Dioxane	6.700	88	2822	91.324	ug/L	#	85
61) cis-1,3-Dichloropropene	7.180	75	3291	0.434	ug/L	#	77
64) Toluene	7.451	92	5505	0.395	ug/L		89
65) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
66) Tetrachloroethene	7.896	166	2093	0.342	ug/L		97
68) trans-1,3-Dichloropropene	7.930	75	2625	0.421	ug/L		85
70) Ethyl methacrylate	8.132	69	2204	0.500	ug/L		83
71) 1,1,2-Trichloroethane	8.111	83	1606	0.534	ug/L	#	81
72) Chlorodibromomethane	8.326	129	1990	0.414	ug/L		90
73) 1,3-Dichloropropane	8.431	76	2650	0.428	ug/L		93
74) 1,2-Dibromoethane	8.591	107	1551	0.418	ug/L		99
76) 2-Hexanone	0.000		0	N.D.	d		
77) Chlorobenzene	9.246	112	6884	0.434	ug/L	#	56
78) Ethylbenzene	9.295	91	11843	0.413	ug/L		98
79) 1,1,1,2-Tetrachloroethane	9.330	131	2104	0.401	ug/L	#	62
80) p/m Xylene	9.484	106	8805	0.761	ug/L		90
81) o Xylene	10.024	106	9161	0.832	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A05.D
 Acq On : 14 Nov 2025 07:16 pm
 Operator : VOA122:PID
 Sample : I8260STD0.5PPB
 Misc : WG2142111,ICAL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 15 11:52:57 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82)	Styrene	10.095	104	15003	0.831	ug/L	100
84)	Bromoform	10.102	173	1291	0.490	ug/L	75
86)	Isopropylbenzene	10.431	105	11203	0.384	ug/L	96
88)	Bromobenzene	10.866	156	2752	0.438	ug/L	98
89)	n-Propylbenzene	10.922	91	13656	0.394	ug/L	99
90)	1,4-Dichlorobutane	10.929	55	3619	0.593	ug/L #	87
91)	1,1,2,2-Tetrachloroethane	11.006	83	2054	0.499	ug/L #	95
92)	4-Ethyltoluene	11.055	105	11527	0.399	ug/L	99
93)	2-Chlorotoluene	11.090	91	8828M6	0.441	ug/L	
94)	1,3,5-Trimethylbenzene	11.153	105	9903	0.406	ug/L	99
95)	1,2,3-Trichloropropane	11.139	75	1560	0.458	ug/L	98
96)	trans-1,4-Dichloro-2-b...	11.203	53	637	0.553	ug/L #	80
97)	4-Chlorotoluene	11.280	91	9030	0.436	ug/L	95
98)	tert-Butylbenzene	11.504	119	8311	0.402	ug/L	98
101)	1,2,4-Trimethylbenzene	11.588	105	9799	0.416	ug/L	92
102)	sec-Butylbenzene	11.693	105	7104	0.405	ug/L	98
103)	p-Isopropyltoluene	11.861	119	9456	0.364	ug/L	95
104)	1,3-Dichlorobenzene	11.916	146	5623	0.423	ug/L	100
105)	1,4-Dichlorobenzene	12.007	146	5774M3	0.446	ug/L	
106)	p-Diethylbenzene	12.243	119	5460	0.371	ug/L	94
107)	n-Butylbenzene	12.299	91	8820	0.400	ug/L	97
108)	1,2-Dichlorobenzene	12.438	146	4978	0.439	ug/L	99
109)	1,2,4,5-Tetramethylben...	13.044	119	7962	0.403	ug/L	95
110)	1,2-Dibromo-3-chloropr...	13.225	155	213	0.320	ug/L #	59
111)	1,3,5-Trichlorobenzene	13.260	180	3242	0.440	ug/L	93
112)	Hexachlorobutadiene	13.851	225	1030	0.440	ug/L	87
113)	1,2,4-Trichlorobenzene	13.865	180	2672	0.449	ug/L	97
114)	Naphthalene	14.158	128	6310	0.472	ug/L	100
115)	1,2,3-Trichlorobenzene	14.325	180	2268	0.457	ug/L	98

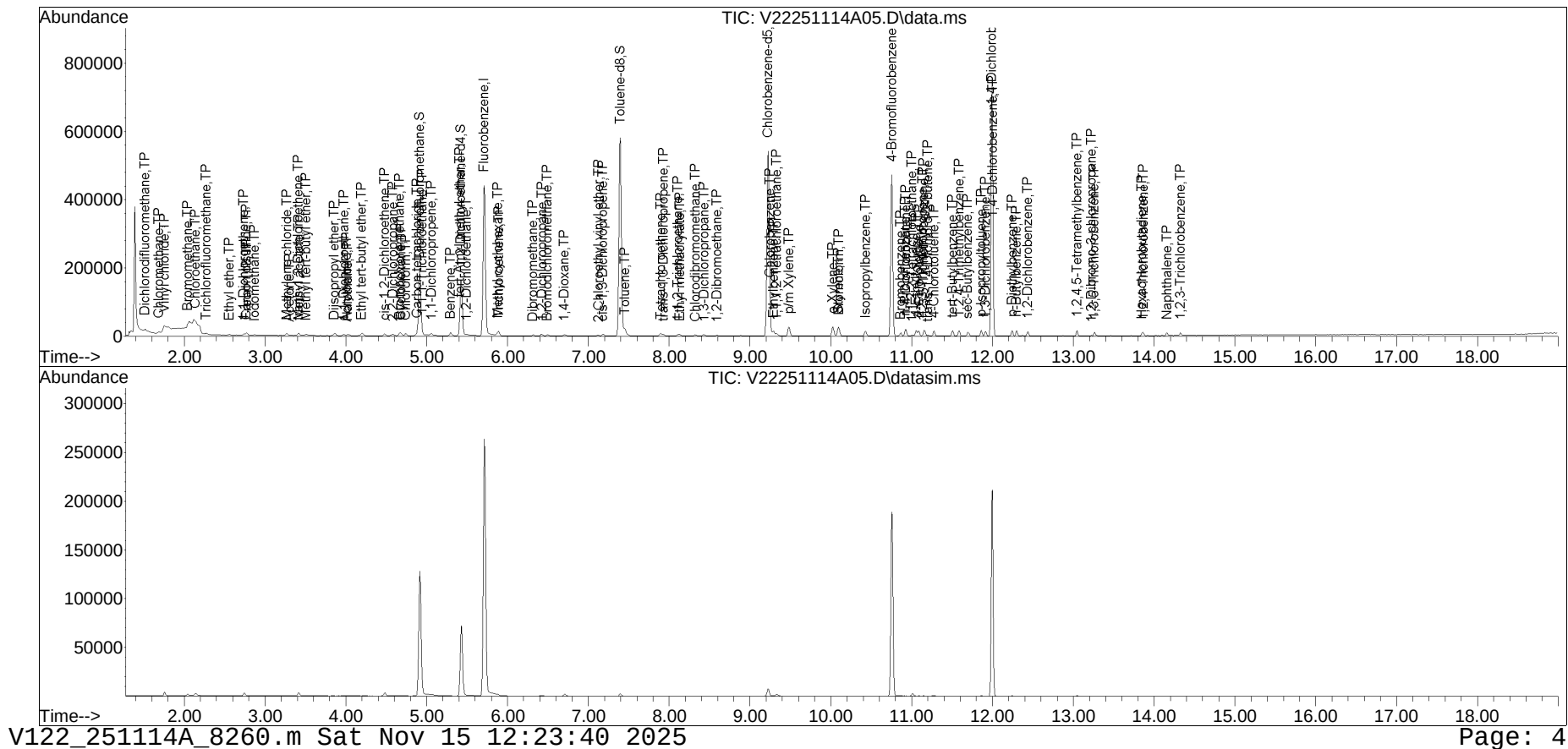
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

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Data Path : K:\VOA122\2025\251114ICAL\
Data File : V22251114A05.D
Acq On    : 14 Nov 2025  07:16 pm
Operator  : VOA122:PID
Sample    : I8260STD0.5PPB
Misc      : WG2142111,ICAL
ALS Vial   : 5      Sample Multiplier: 1
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Quant Time: Nov 15 11:52:57 2025
Quant Method : K:\V0A122\2025\251114AICAL\V122_251114A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Nov 15 11:49:06 2025
Response via : Initial Calibration

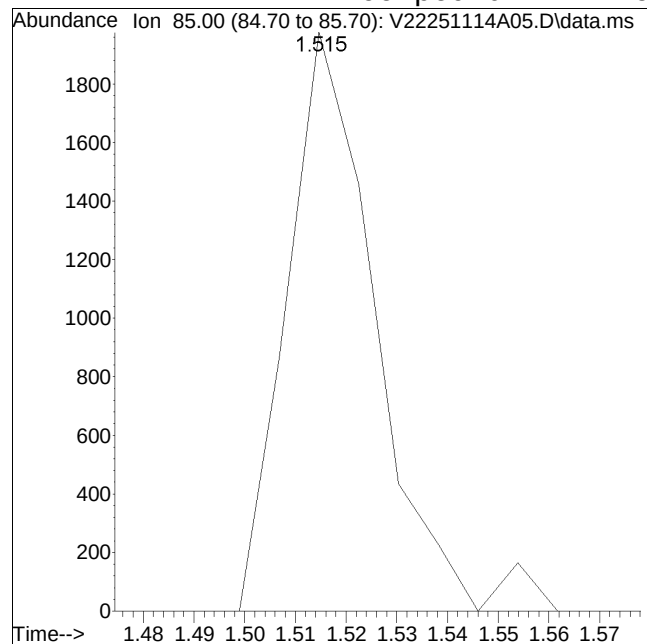
Sub List : 8260-Curve - Megamix plus Diox\V22251114A09.D•



Manual Integration Report

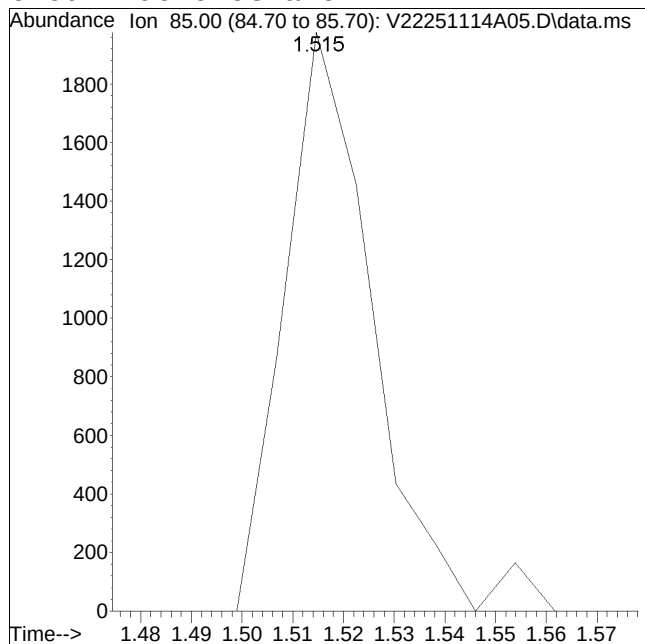
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A05.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 7:16 pm Instrument : VOA 122
Sample : I8260STD0.5PPB Quant Date : 11/15/2025 11:49 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 2412

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

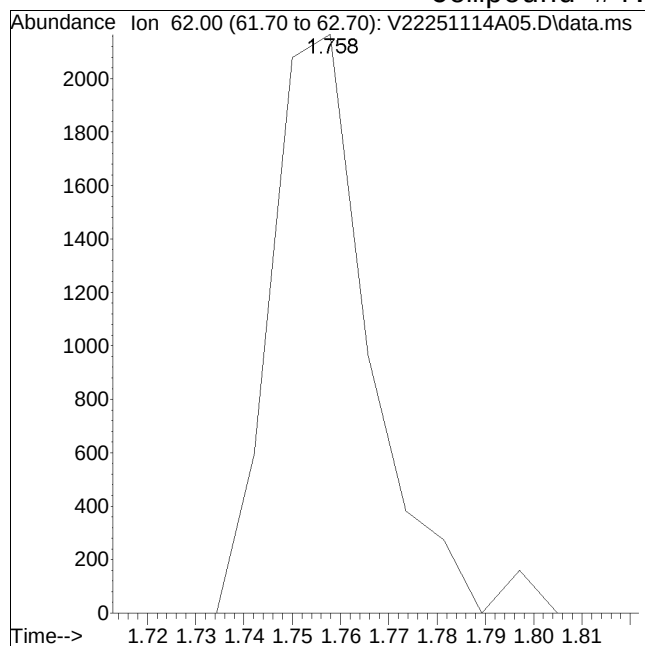


Manual Peak Response = 2335 M6

Manual Integration Report

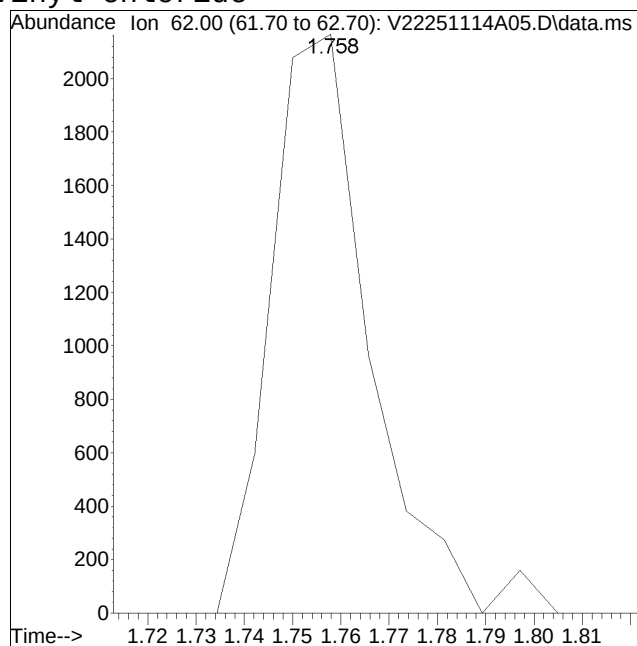
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A05.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 7:16 pm Instrument : VOA 122
Sample : I8260STD0.5PPB Quant Date : 11/15/2025 11:49 am

Compound #4: Vinyl chloride



Original Peak Response = 3118

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

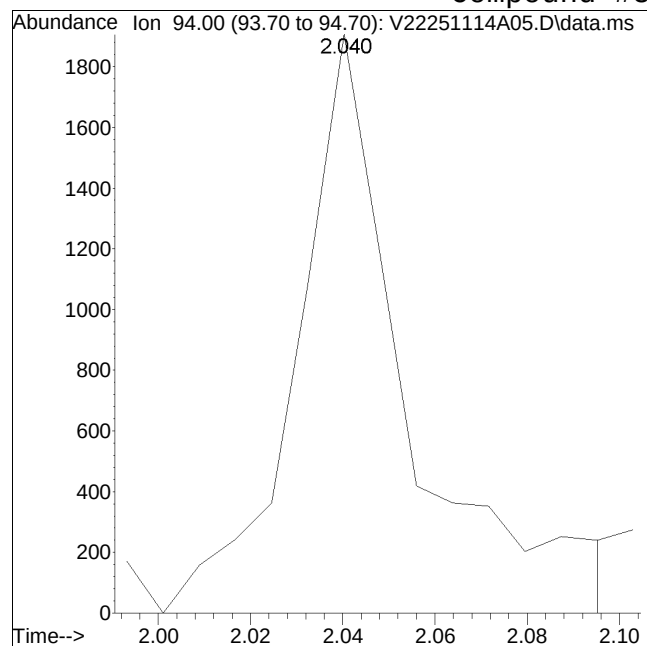


Manual Peak Response = 3043 M6

Manual Integration Report

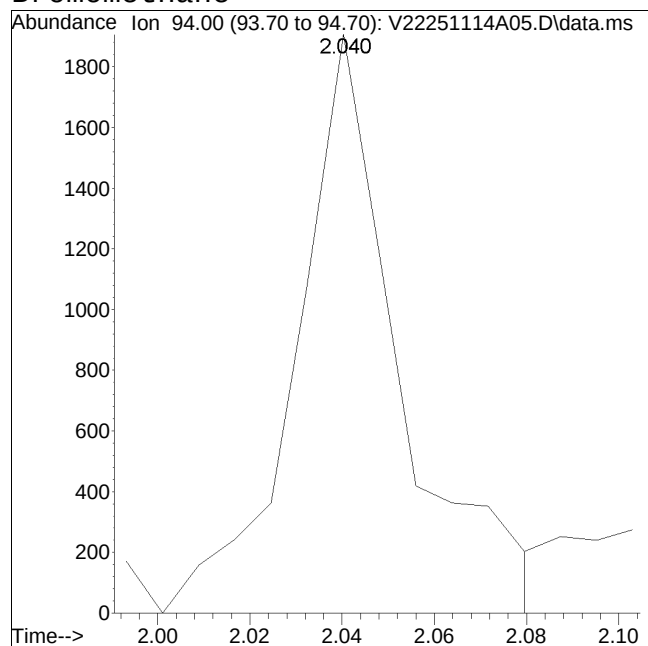
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A05.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 7:16 pm Instrument : VOA 122
Sample : I8260STD0.5PPB Quant Date : 11/15/2025 11:49 am

Compound #5: Bromomethane



Original Peak Response = 3183

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

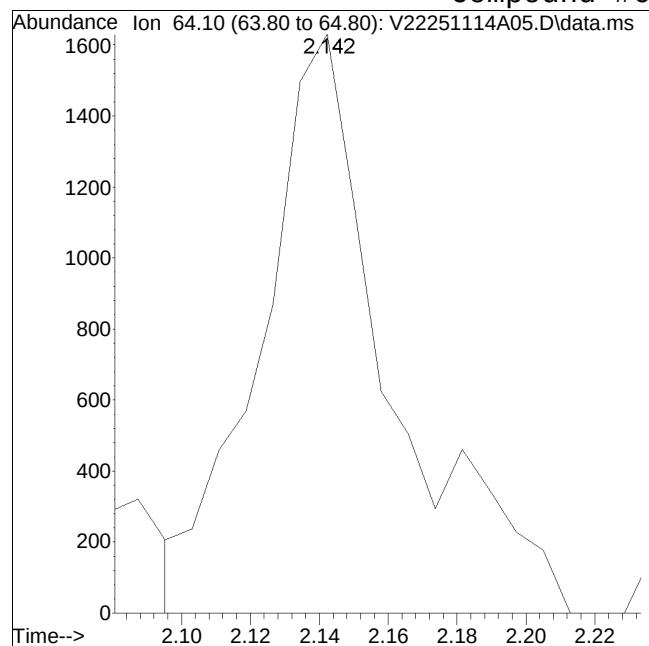


Manual Peak Response = 2951 M6

Manual Integration Report

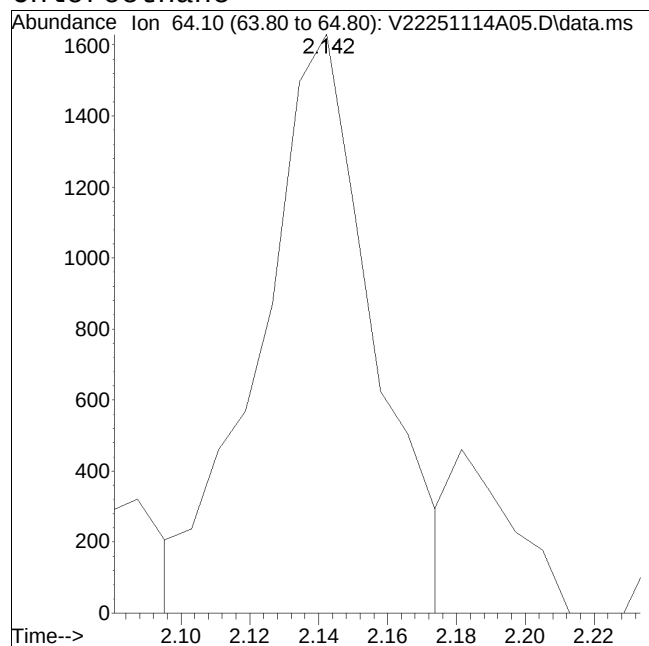
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Data File : V22251114A05.D Operator : V0A122:PID
Date Inj'd : 11/14/2025 7:16 pm Instrument : V0A 122
Sample : I8260STD0.5PPB Quant Date : 11/15/2025 11:49 am

Compound #6: Chloroethane



Original Peak Response = 4260

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

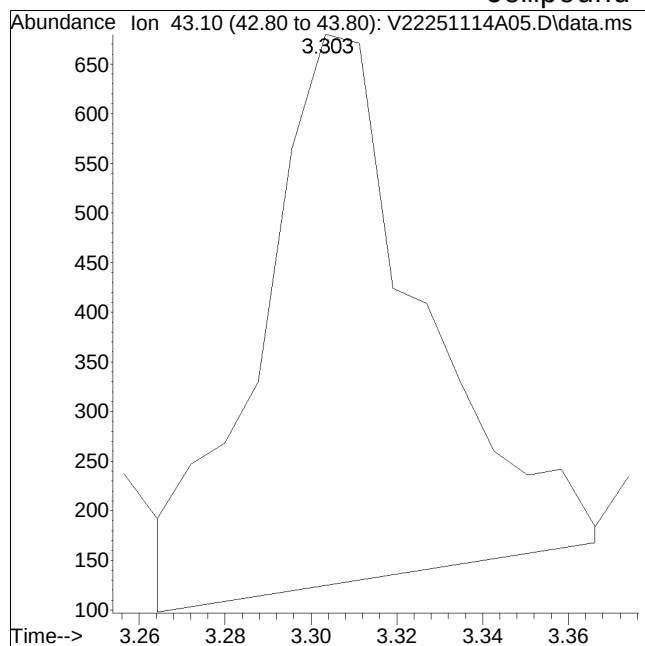


Manual Peak Response = 3689 M6

Manual Integration Report

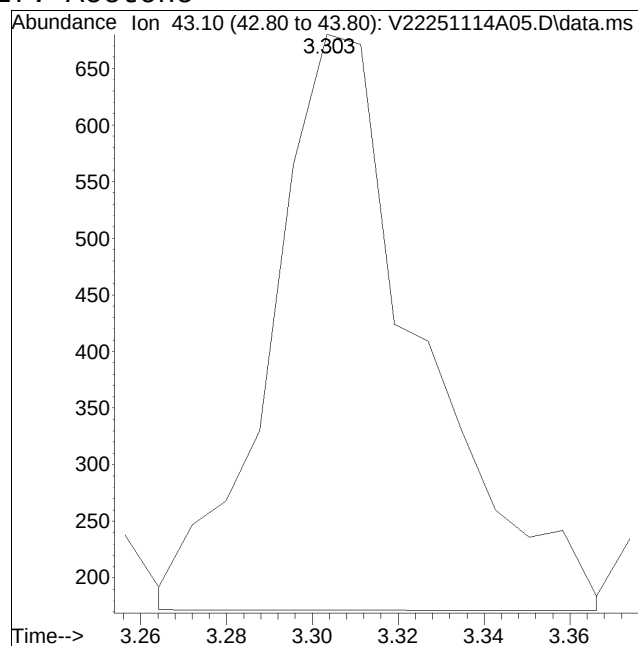
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Data File : V22251114A05.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 7:16 pm Instrument : VOA 122
Sample : I8260STD0.5PPB Quant Date : 11/15/2025 11:49 am

Compound #17: Acetone



Original Peak Response = 1467

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

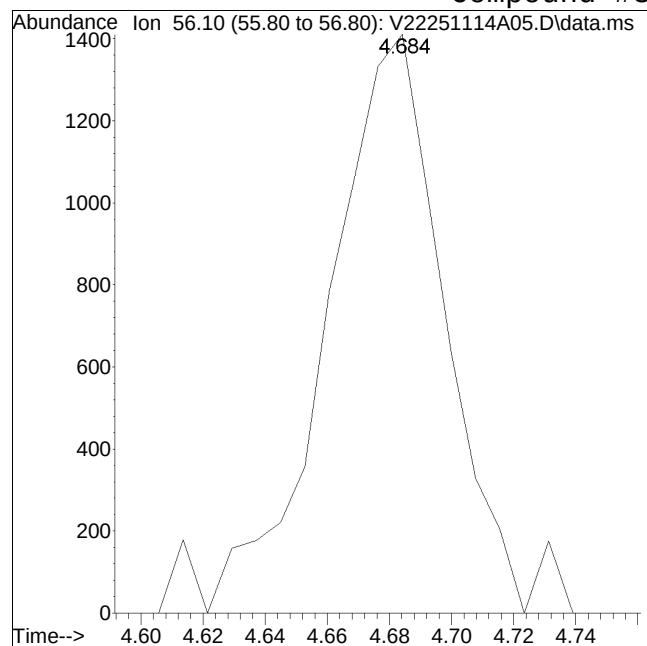


Manual Peak Response = 1232 M6

Manual Integration Report

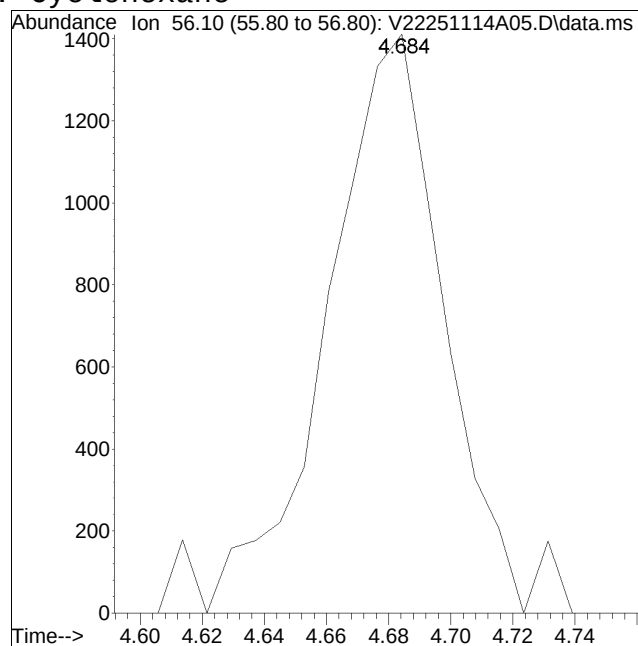
Data Path : K:\V0A122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A05.D Operator : V0A122:PID
Date Inj'd : 11/14/2025 7:16 pm Instrument : V0A 122
Sample : I8260STD0.5PPB Quant Date : 11/15/2025 11:49 am

Compound #33: Cyclohexane



Original Peak Response = 3790

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

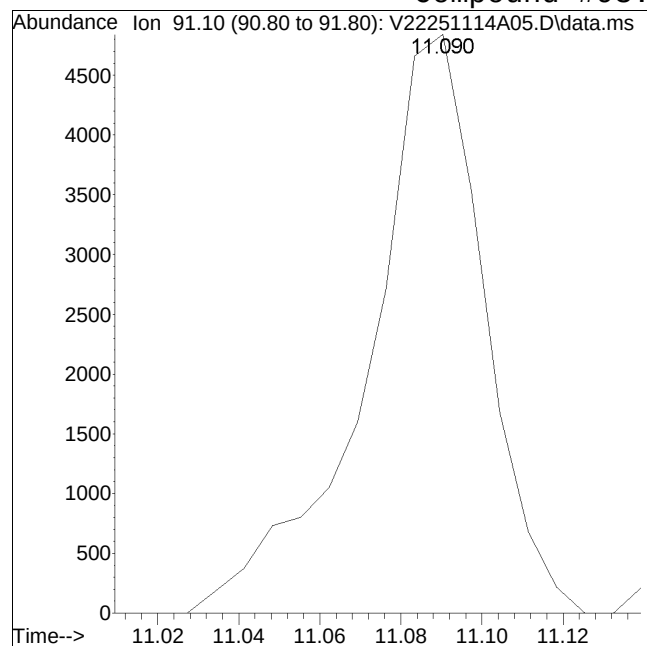


Manual Peak Response = 3623 M6

Manual Integration Report

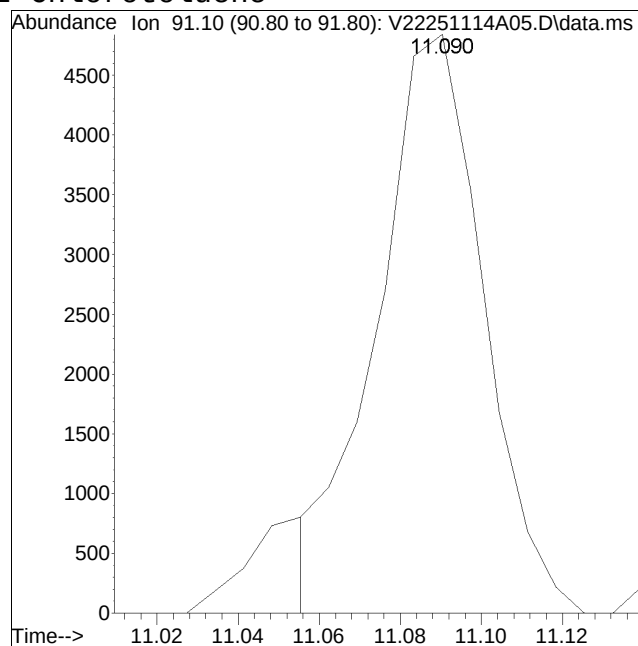
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A05.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 7:16 pm Instrument : VOA 122
Sample : I8260STD0.5PPB Quant Date : 11/15/2025 11:49 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 9709

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

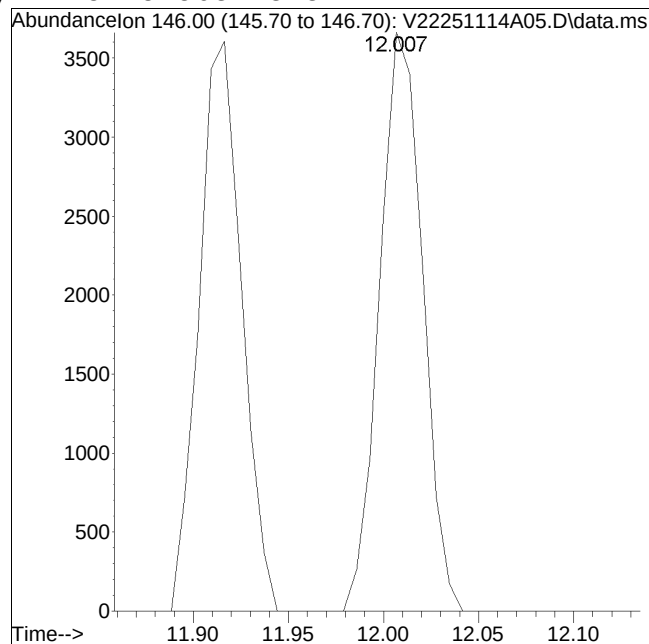
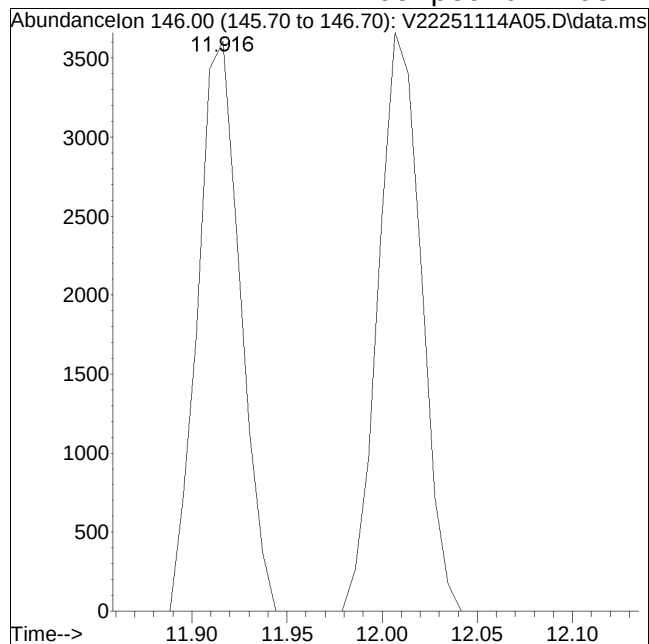


Manual Peak Response = 8828 M6

Manual Integration Report

Data Path : K:\V0A122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A05.D Operator : V0A122:PID
Date Inj'd : 11/14/2025 7:16 pm Instrument : V0A 122
Sample : I8260STD0.5PPB Quant Date : 11/15/2025 11:49 am

Compound #105: 1,4-Dichlorobenzene



Original Peak Response = 5623

Manual Peak Response = 5774 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:\VOA122\2025\251114AICAL\
 Data File : V22251114A07.D
 Acq On : 14 Nov 2025 08:05 pm
 Operator : VOA122:PID
 Sample : I8260STD2PPB
 Misc : WG2142111, ICAL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 15 11:54:04 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.710	96	427141	10.000	ug/L	0.00
Standard Area 1 = 432596			Recovery	=	98.74%	
62) Chlorobenzene-d5	9.225	117	346518	10.000	ug/L	0.00
Standard Area 1 = 345288			Recovery	=	100.36%	
83) 1,4-Dichlorobenzene-d4	11.993	152	188686	10.000	ug/L	0.00
Standard Area 1 = 189494			Recovery	=	99.57%	
System Monitoring Compounds						
38) Dibromofluoromethane	4.912	113	115828	10.173	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.73%	
46) 1,2-Dichloroethane-d4	5.423	65	106291	9.734	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.34%	
63) Toluene-d8	7.395	98	453534	10.038	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.38%	
87) 4-Bromofluorobenzene	10.754	95	167214	10.049	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.49%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.514	85	14526	2.013	ug/L	99
3) Chloromethane	1.687	50	14550	1.984	ug/L	98
4) Vinyl chloride	1.758	62	17066	1.984	ug/L	95
5) Bromomethane	2.040	94	10953	2.031	ug/L	99
6) Chloroethane	2.142	64	13728	2.241	ug/L	98
7) Trichlorofluoromethane	2.275	101	15803	1.995	ug/L	99
8) Ethyl ether	2.558	74	4202	1.903	ug/L #	96
10) 1,1-Dichloroethene	2.738	96	9369	1.920	ug/L	97
11) Carbon disulfide	2.770	76	33035	1.996	ug/L	98
12) Freon-113	2.778	101	8766	2.005	ug/L	97
13) Iodomethane	2.872	142	12174	1.652	ug/L	96
14) Acrolein	3.044	56	947	2.269	ug/L #	36
15) Methylene chloride	3.272	84	11260	2.001	ug/L	97
17) Acetone	3.303	43	2934	3.405	ug/L #	76
18) trans-1,2-Dichloroethene	3.413	96	10543	1.949	ug/L	99
19) Methyl acetate	3.421	43	4342M6	2.430	ug/L	
21) Methyl tert-butyl ether	3.507	73	17669	1.811	ug/L	93
22) tert-Butyl alcohol	3.594	59	1900	9.570	ug/L #	11
24) Diisopropyl ether	3.860	45	26113	1.983	ug/L	98
25) 1,1-Dichloroethane	3.978	63	18818	1.938	ug/L	98
26) Halothane	4.025	117	8005	2.008	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A07.D
 Acq On : 14 Nov 2025 08:05 pm
 Operator : VOA122:PID
 Sample : I8260STD2PPB
 Misc : WG2142111,ICAL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 15 11:54:04 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.009	53	1884	1.890	ug/L	94
28) Ethyl tert-butyl ether	4.198	59	21965	1.904	ug/L	96
29) Vinyl acetate	4.205	43	13136	2.059	ug/L	98
30) cis-1,2-Dichloroethene	4.480	96	11523	1.999	ug/L	100
31) 2,2-Dichloropropane	4.582	77	15056	2.035	ug/L	95
32) Bromochloromethane	4.668	128	5173	1.933	ug/L	96
33) Cyclohexane	4.676	56	17424	2.127	ug/L	96
34) Chloroform	4.739	83	19750	2.121	ug/L	97
35) Ethyl acetate	4.857	43	4743	1.925	ug/L #	95
36) Carbon tetrachloride	4.880	117	14810	1.933	ug/L	95
37) Tetrahydrofuran	4.888	42	1818M6	2.385	ug/L	
39) 1,1,1-Trichloroethane	4.935	97	16144	1.914	ug/L	98
41) 2-Butanone	5.029	43	1630	1.750	ug/L #	83
42) 1,1-Dichloropropene	5.061	75	12762	1.861	ug/L	97
44) Benzene	5.296	78	26598	2.012	ug/L	98
45) tert-Amyl methyl ether	5.416	73	18665	1.905	ug/L	96
47) 1,2-Dichloroethane	5.493	62	10887	1.928	ug/L	97
50) Methyl cyclohexane	5.884	83	16319	2.038	ug/L	92
51) Trichloroethene	5.891	95	10667	1.905	ug/L	98
53) Dibromomethane	6.324	93	4903	1.888	ug/L	97
54) 1,2-Dichloropropane	6.422	63	9114	1.692	ug/L	98
56) 2-Chloroethyl vinyl ether	7.124	63	3834	1.806	ug/L #	88
57) Bromodichloromethane	6.491	83	8933	1.830	ug/L	97
60) 1,4-Dioxane	6.707	88	11572	381.926	ug/L	97
61) cis-1,3-Dichloropropene	7.186	75	13641	1.835	ug/L	91
64) Toluene	7.451	92	26605	1.934	ug/L	98
65) 4-Methyl-2-pentanone	7.881	58	1639	1.695	ug/L #	71
66) Tetrachloroethene	7.895	166	11696	1.938	ug/L	98
68) trans-1,3-Dichloropropene	7.923	75	10829	1.760	ug/L	93
70) Ethyl methacrylate	8.132	69	8187	1.880	ug/L	97
71) 1,1,2-Trichloroethane	8.111	83	5330	1.793	ug/L	100
72) Chlorodibromomethane	8.319	129	8520	1.796	ug/L	98
73) 1,3-Dichloropropane	8.431	76	11377	1.859	ug/L	100
74) 1,2-Dibromoethane	8.590	107	6982	1.905	ug/L	94
76) 2-Hexanone	8.889	43	3547	1.916	ug/L	97
77) Chlorobenzene	9.246	112	30763	1.966	ug/L	92
78) Ethylbenzene	9.288	91	54463	1.924	ug/L	100
79) 1,1,1,2-Tetrachloroethane	9.330	131	9898	1.909	ug/L	98
80) p/m Xylene	9.477	106	44428	3.891	ug/L	100
81) o Xylene	10.024	106	41868	3.853	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A07.D
 Acq On : 14 Nov 2025 08:05 pm
 Operator : VOA122:PID
 Sample : I8260STD2PPB
 Misc : WG2142111,ICAL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 15 11:54:04 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82)	Styrene	10.094	104	67108	3.765	ug/L	100
84)	Bromoform	10.108	173	4765	1.830	ug/L	98
86)	Isopropylbenzene	10.431	105	56665	1.962	ug/L	99
88)	Bromobenzene	10.866	156	11864	1.909	ug/L	98
89)	n-Propylbenzene	10.922	91	66884	1.949	ug/L	99
90)	1,4-Dichlorobutane	10.929	55	12109	2.006	ug/L	98
91)	1,1,2,2-Tetrachloroethane	11.006	83	7906	1.942	ug/L	99
92)	4-Ethyltoluene	11.055	105	55217	1.933	ug/L	99
93)	2-Chlorotoluene	11.083	91	39440M6	1.991	ug/L	
94)	1,3,5-Trimethylbenzene	11.160	105	46783	1.937	ug/L	99
95)	1,2,3-Trichloropropane	11.146	75	6203	1.840	ug/L	99
96)	trans-1,4-Dichloro-2-b...	11.202	53	2192	1.924	ug/L	95
97)	4-Chlorotoluene	11.273	91	40247	1.965	ug/L	100
98)	tert-Butylbenzene	11.504	119	39766	1.944	ug/L	100
101)	1,2,4-Trimethylbenzene	11.588	105	44912	1.926	ug/L	99
102)	sec-Butylbenzene	11.693	105	32962	1.902	ug/L	99
103)	p-Isopropyltoluene	11.860	119	48456	1.886	ug/L	99
104)	1,3-Dichlorobenzene	11.916	146	25285	1.925	ug/L	99
105)	1,4-Dichlorobenzene	12.007	146	24912	1.947	ug/L	94
106)	p-Diethylbenzene	12.243	119	27470	1.888	ug/L	99
107)	n-Butylbenzene	12.299	91	41695	1.912	ug/L	99
108)	1,2-Dichlorobenzene	12.438	146	21849	1.948	ug/L	99
109)	1,2,4,5-Tetramethylben...	13.044	119	36788	1.880	ug/L	99
110)	1,2-Dibromo-3-chloropr...	13.225	155	1170	1.778	ug/L	98
111)	1,3,5-Trichlorobenzene	13.260	180	14342	1.966	ug/L	99
112)	Hexachlorobutadiene	13.851	225	4644	2.006	ug/L	99
113)	1,2,4-Trichlorobenzene	13.865	180	11526	1.956	ug/L	97
114)	Naphthalene	14.158	128	24697	1.866	ug/L	100
115)	1,2,3-Trichlorobenzene	14.325	180	9246	1.882	ug/L	99

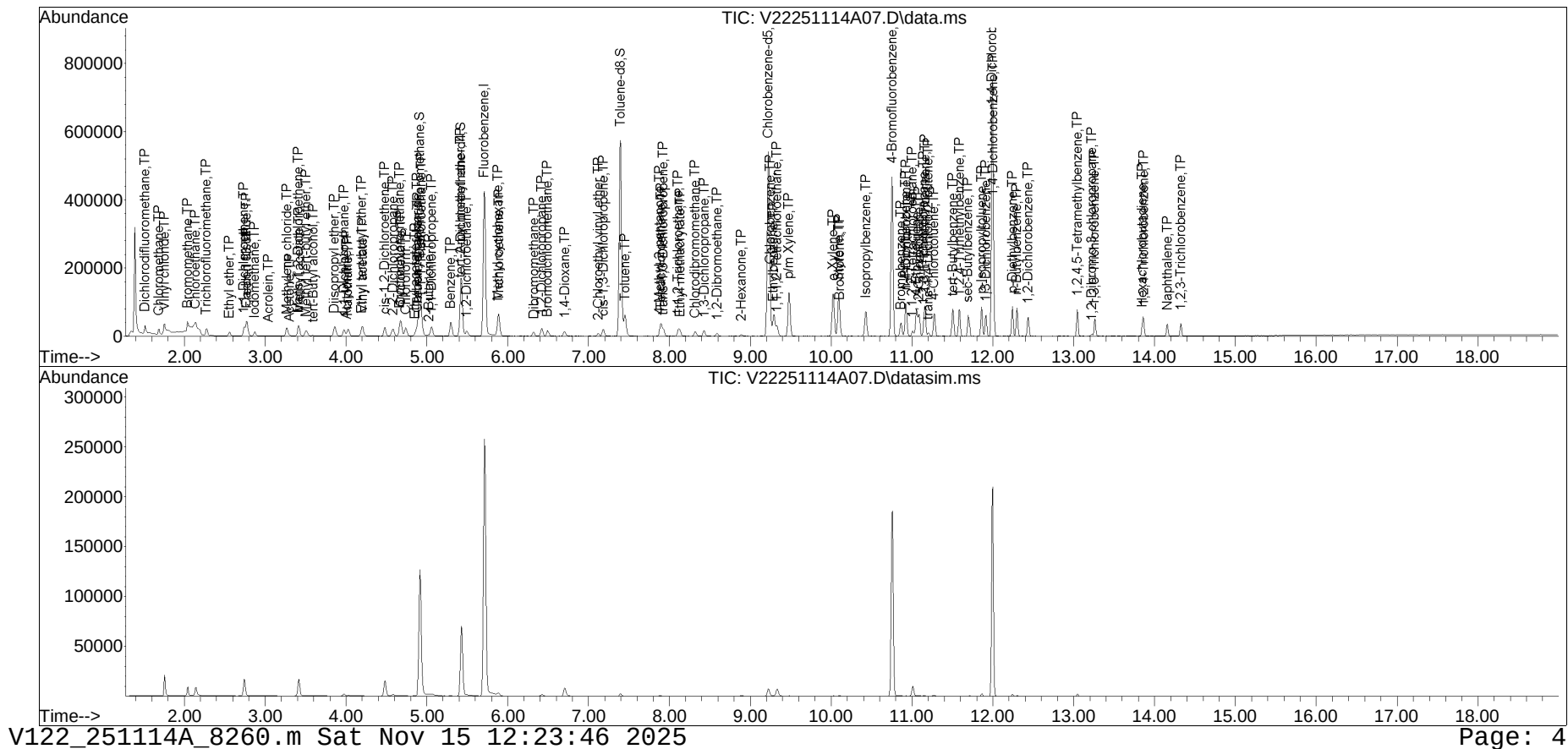
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : K:\VOA122\2025\251114ICAL\
Data File : V22251114A07.D
Acq On : 14 Nov 2025 08:05 pm
Operator : VOA122:PID
Sample : I8260STD2PPB
Misc : WG2142111,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 15 11:54:04 2025
Quant Method : K:\V0A122\2025\251114AICAL\V122_251114A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Nov 15 11:49:06 2025
Response via : Initial Calibration

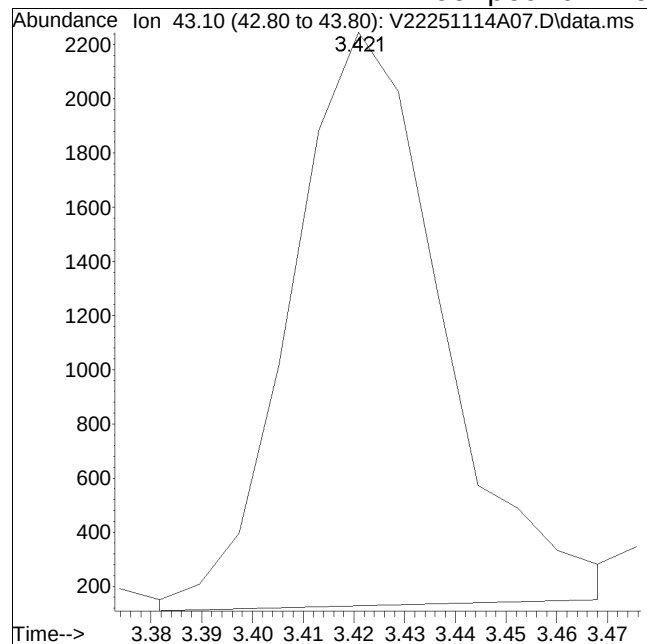
Sub List : 8260-Curve - Megamix plus Diox\V22251114A09.D•



Manual Integration Report

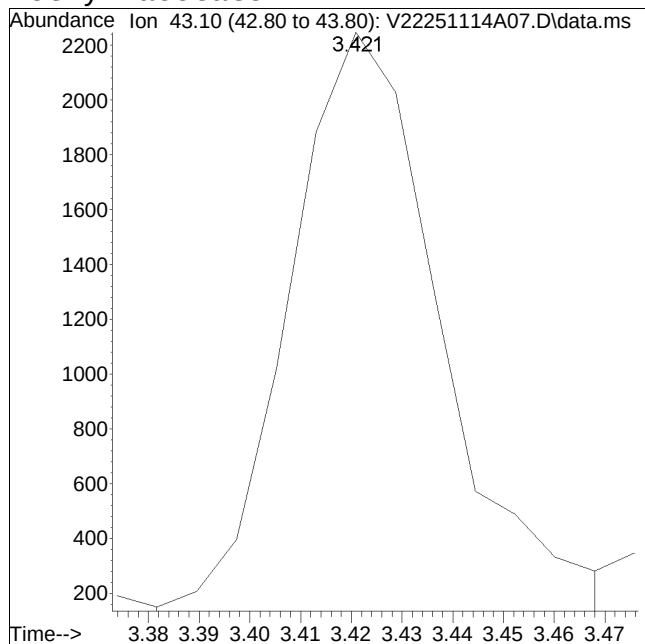
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A07.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 8:05 pm Instrument : VOA 122
Sample : I8260STD2PPB Quant Date : 11/15/2025 11:50 am

Compound #19: Methyl acetate



Original Peak Response = 4376

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

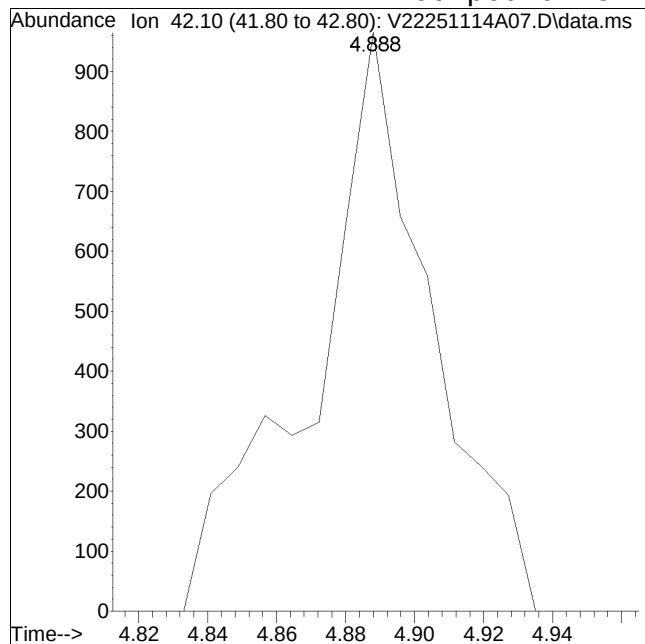


Manual Peak Response = 4342 M6

Manual Integration Report

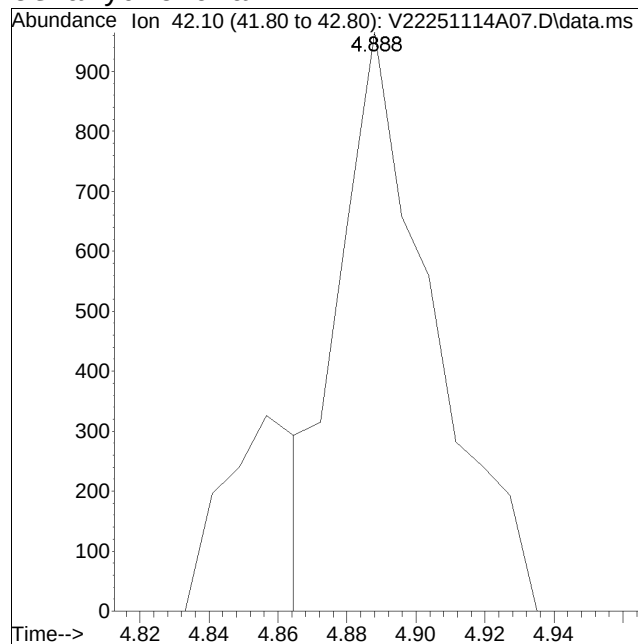
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Data File : V22251114A07.D Operator : V0A122:PID
Date Inj'd : 11/14/2025 8:05 pm Instrument : V0A 122
Sample : I8260STD2PPB Quant Date : 11/15/2025 11:50 am

Compound #37: Tetrahydrofuran



Original Peak Response = 2315

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

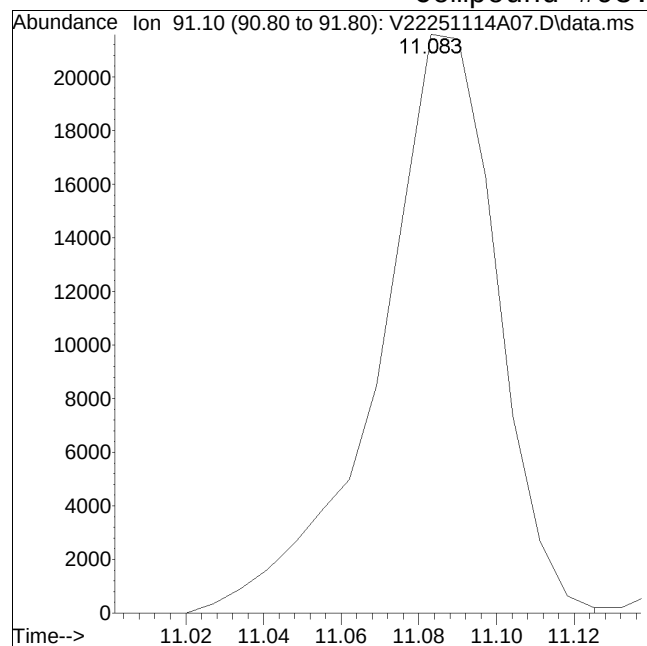


Manual Peak Response = 1818 M6

Manual Integration Report

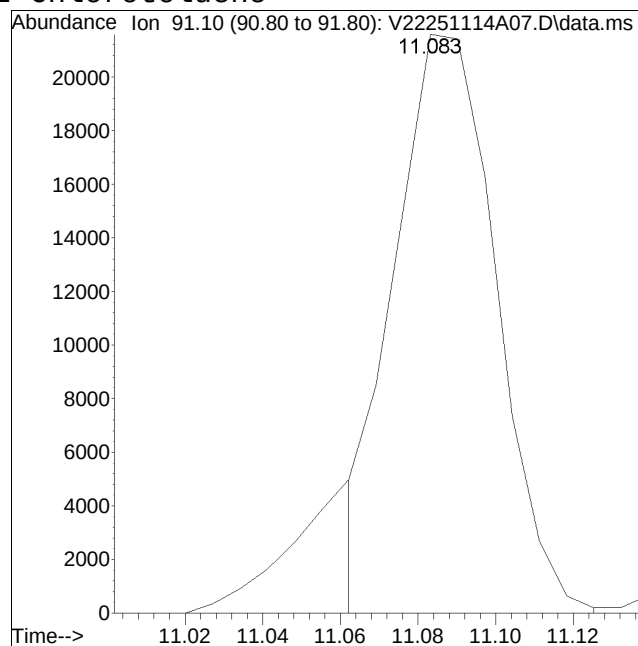
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A07.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 8:05 pm Instrument : VOA 122
Sample : I8260STD2PPB Quant Date : 11/15/2025 11:50 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 45471

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



Manual Peak Response = 39440 M6

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A09.D
 Acq On : 14 Nov 2025 08:55 pm
 Operator : VOA122:PID
 Sample : I8260STD10PPB
 Misc : WG2142111,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 15 11:48:54 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:48:41 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.709	96	432596	10.000	ug/L	0.00
Standard Area 1 = 432596			Recovery = 100.00%			
62) Chlorobenzene-d5	9.225	117	345288M1	10.000	ug/L	0.00
Standard Area 1 = 345288			Recovery = 100.00%			
83) 1,4-Dichlorobenzene-d4	11.992	152	189494	10.000	ug/L	0.00
Standard Area 1 = 189494			Recovery = 100.00%			
System Monitoring Compounds						
38) Dibromofluoromethane	4.911	113	115313	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
46) 1,2-Dichloroethane-d4	5.423	65	110586	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
63) Toluene-d8	7.395	98	450197	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
87) 4-Bromofluorobenzene	10.753	95	167104	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.514	85	73089	10.000	ug/L	100
3) Chloromethane	1.687	50	74291	10.000	ug/L	100
4) Vinyl chloride	1.757	62	87138	10.000	ug/L	100
5) Bromomethane	2.040	94	54624	10.000	ug/L	100
6) Chloroethane	2.142	64	62028	10.000	ug/L	100
7) Trichlorofluoromethane	2.275	101	80210	10.000	ug/L	100
8) Ethyl ether	2.558	74	22358	10.000	ug/L	100
10) 1,1-Dichloroethene	2.746	96	49430	10.000	ug/L	100
11) Carbon disulfide	2.769	76	167658	10.000	ug/L	100
12) Freon-113	2.777	101	44269	10.000	ug/L	100
13) Iodomethane	2.871	142	74632	10.000	ug/L	100
14) Acrolein	3.036	56	4227	10.000	ug/L	100
15) Methylene chloride	3.272	84	56991	10.000	ug/L	100
17) Acetone	3.303	43	8727	10.000	ug/L	100
18) trans-1,2-Dichloroethene	3.413	96	54792	10.000	ug/L	100
19) Methyl acetate	3.421	43	18097	10.000	ug/L	100
21) Methyl tert-butyl ether	3.507	73	98826	10.000	ug/L	100
22) tert-Butyl alcohol	3.593	59	10054	50.000	ug/L	100
24) Diisopropyl ether	3.860	45	133386	10.000	ug/L	100
25) 1,1-Dichloroethane	3.978	63	98331	10.000	ug/L	100
26) Halothane	4.033	117	40384	10.000	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A09.D
 Acq On : 14 Nov 2025 08:55 pm
 Operator : VOA122:PID
 Sample : I8260STD10PPB
 Misc : WG2142111,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 15 11:48:54 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:48:41 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.017	53	10096	10.000	ug/L	100
28) Ethyl tert-butyl ether	4.197	59	116821	10.000	ug/L	100
29) Vinyl acetate	4.205	43	64622	10.000	ug/L	100
30) cis-1,2-Dichloroethene	4.480	96	58389	10.000	ug/L	100
31) 2,2-Dichloropropane	4.582	77	74944	10.000	ug/L	100
32) Bromochloromethane	4.668	128	27101	10.000	ug/L	100
33) Cyclohexane	4.676	56	82965	10.000	ug/L	100
34) Chloroform	4.739	83	94311	10.000	ug/L	100
35) Ethyl acetate	4.848	43	24950	10.000	ug/L	100
36) Carbon tetrachloride	4.880	117	77614	10.000	ug/L	100
37) Tetrahydrofuran	4.896	42	7721M6	10.000	ug/L	100
39) 1,1,1-Trichloroethane	4.943	97	85425	10.000	ug/L	100
41) 2-Butanone	5.021	43	9434	10.000	ug/L	100
42) 1,1-Dichloropropene	5.060	75	69455	10.000	ug/L	100
44) Benzene	5.296	78	133914	10.000	ug/L	100
45) tert-Amyl methyl ether	5.416	73	99229	10.000	ug/L	100
47) 1,2-Dichloroethane	5.493	62	57177	10.000	ug/L	100
50) Methyl cyclohexane	5.884	83	81089	10.000	ug/L	100
51) Trichloroethene	5.891	95	56717	9.998	ug/L	100
53) Dibromomethane	6.317	93	26297	10.000	ug/L	100
54) 1,2-Dichloropropane	6.421	63	54558	10.000	ug/L	100
56) 2-Chloroethyl vinyl ether	7.124	63	21500	10.000	ug/L	100
57) Bromodichloromethane	6.491	83	49449	10.000	ug/L	100
60) 1,4-Dioxane	6.707	88	15343	500.000	ug/L	100
61) cis-1,3-Dichloropropene	7.179	75	75298	10.000	ug/L	100
64) Toluene	7.450	92	137082	10.000	ug/L	100
65) 4-Methyl-2-pentanone	7.881	58	9637	10.000	ug/L	100
66) Tetrachloroethene	7.895	166	60143	10.000	ug/L	100
68) trans-1,3-Dichloropropene	7.930	75	61320	10.000	ug/L	100
70) Ethyl methacrylate	8.131	69	43401	10.000	ug/L	100
71) 1,1,2-Trichloroethane	8.111	83	29615	10.000	ug/L	100
72) Chlorodibromomethane	8.319	129	47260	10.000	ug/L	100
73) 1,3-Dichloropropane	8.430	76	60977	10.000	ug/L	100
74) 1,2-Dibromoethane	8.590	107	36528	10.000	ug/L	100
76) 2-Hexanone	8.889	43	18443	10.000	ug/L	100
77) Chlorobenzene	9.246	112	155927	10.000	ug/L	100
78) Ethylbenzene	9.295	91	282015	10.000	ug/L	100
79) 1,1,1,2-Tetrachloroethane	9.330	131	51677	10.000	ug/L	100
80) p/m Xylene	9.477	106	227564	20.000	ug/L	100
81) o Xylene	10.024	106	216569	20.000	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A09.D
 Acq On : 14 Nov 2025 08:55 pm
 Operator : VOA122:PID
 Sample : I8260STD10PPB
 Misc : WG2142111,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 15 11:48:54 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:48:41 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82)	Styrene	10.094	104	355183	20.000	ug/L	100
84)	Bromoform	10.108	173	26153	10.000	ug/L	100
86)	Isopropylbenzene	10.431	105	290008	10.000	ug/L	100
88)	Bromobenzene	10.865	156	62418	10.000	ug/L	100
89)	n-Propylbenzene	10.922	91	344601	10.000	ug/L	100
90)	1,4-Dichlorobutane	10.929	55	60615	10.000	ug/L	100
91)	1,1,2,2-Tetrachloroethane	11.006	83	40885	10.000	ug/L	100
92)	4-Ethyltoluene	11.055	105	286847	10.000	ug/L	100
93)	2-Chlorotoluene	11.090	91	198911M6	10.000	ug/L	
94)	1,3,5-Trimethylbenzene	11.160	105	242595	10.000	ug/L	100
95)	1,2,3-Trichloropropane	11.146	75	33865	10.000	ug/L	100
96)	trans-1,4-Dichloro-2-b...	11.202	53	11441	10.000	ug/L	100
97)	4-Chlorotoluene	11.279	91	205720	10.000	ug/L	100
98)	tert-Butylbenzene	11.504	119	205418	10.000	ug/L	100
101)	1,2,4-Trimethylbenzene	11.588	105	234227	10.000	ug/L	100
102)	sec-Butylbenzene	11.693	105	174034	10.000	ug/L	100
103)	p-Isopropyltoluene	11.860	119	258089	10.000	ug/L	100
104)	1,3-Dichlorobenzene	11.916	146	131905	10.000	ug/L	100
105)	1,4-Dichlorobenzene	12.013	146	128498	10.000	ug/L	100
106)	p-Diethylbenzene	12.243	119	146113	10.000	ug/L	100
107)	n-Butylbenzene	12.299	91	219046	10.000	ug/L	100
108)	1,2-Dichlorobenzene	12.438	146	112632	10.000	ug/L	100
109)	1,2,4,5-Tetramethylben...	13.044	119	196498	10.000	ug/L	100
110)	1,2-Dibromo-3-chloropr...	13.224	155	6609	10.000	ug/L	100
111)	1,3,5-Trichlorobenzene	13.259	180	73257	10.000	ug/L	100
112)	Hexachlorobutadiene	13.851	225	23244	10.000	ug/L	100
113)	1,2,4-Trichlorobenzene	13.865	180	59173	10.000	ug/L	100
114)	Naphthalene	14.157	128	132930	10.000	ug/L	100
115)	1,2,3-Trichlorobenzene	14.324	180	49327	10.000	ug/L	100

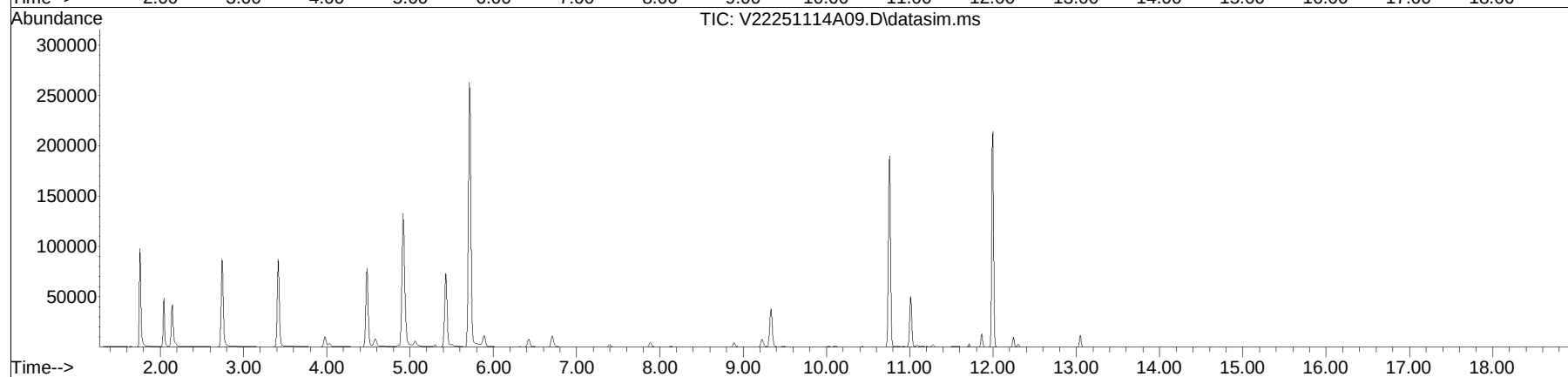
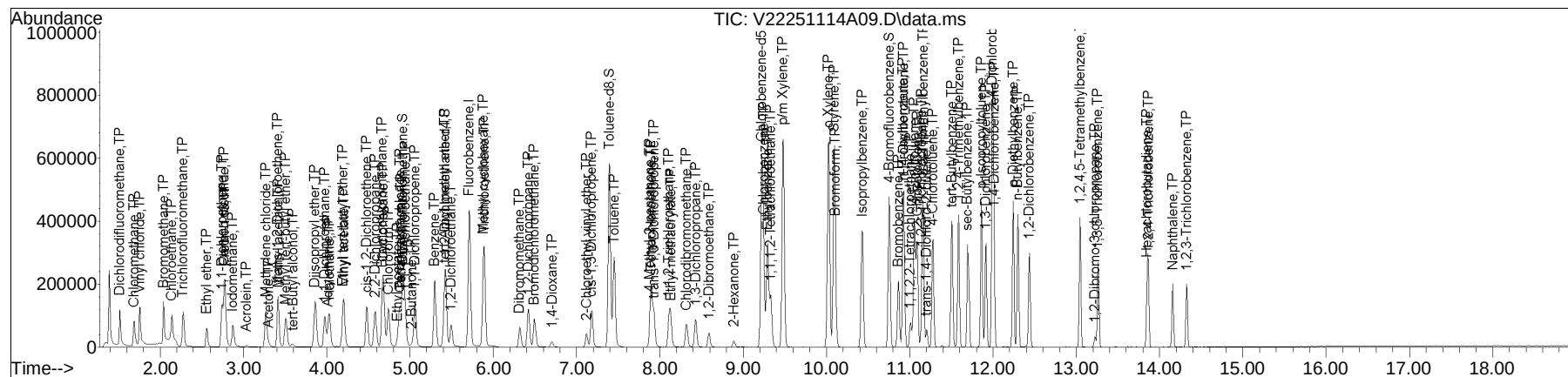
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A09.D
 Acq On : 14 Nov 2025 08:55 pm
 Operator : VOA122:PID
 Sample : I8260STD10PPB
 Misc : WG2142111,ICAL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 15 11:48:54 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:48:41 2025
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\V22251114A09.D•



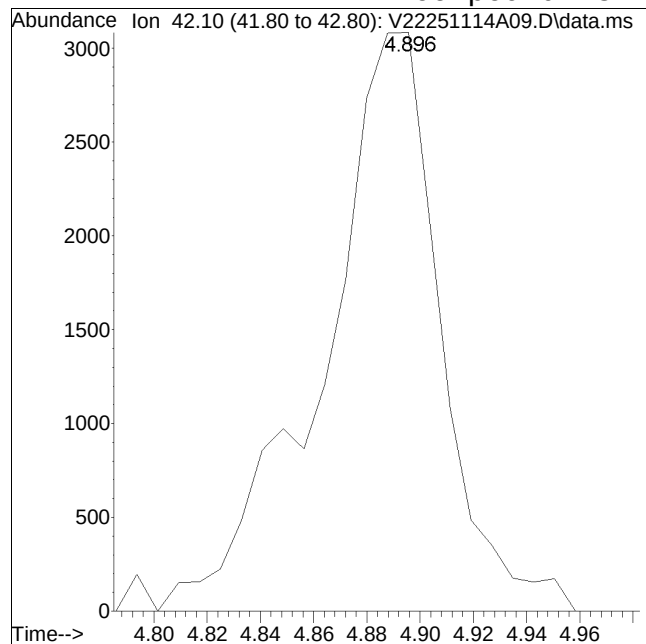
V122_251114A_8260.m Sat Nov 15 12:23:51 2025

Page: 4

Manual Integration Report

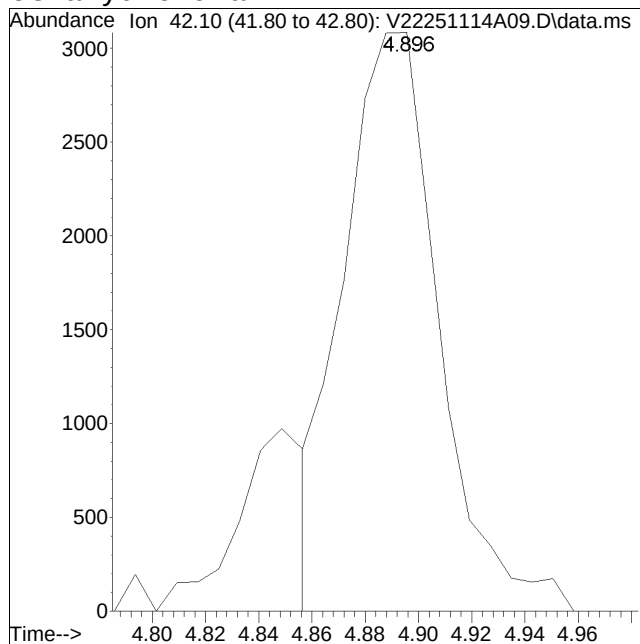
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Data File : V22251114A09.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 8:55 pm Instrument : VOA 122
Sample : I8260STD10PPB Quant Date : 11/15/2025 11:48 am

Compound #37: Tetrahydrofuran



Original Peak Response = 9467

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

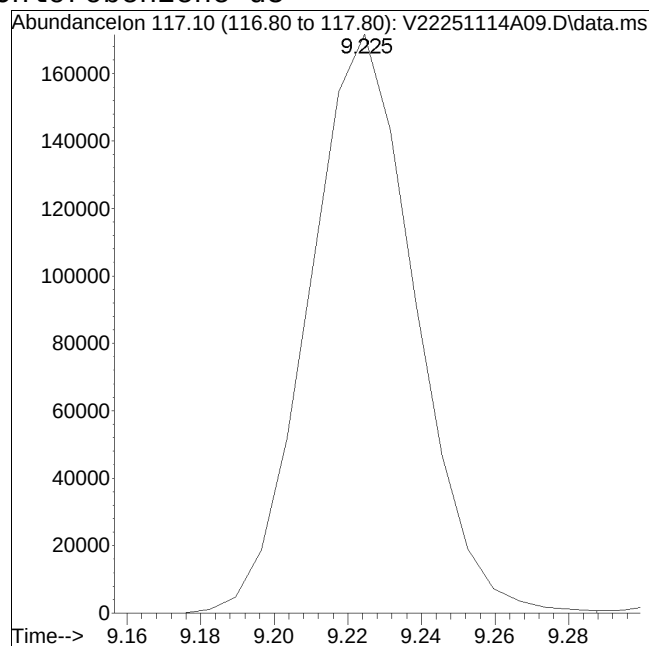
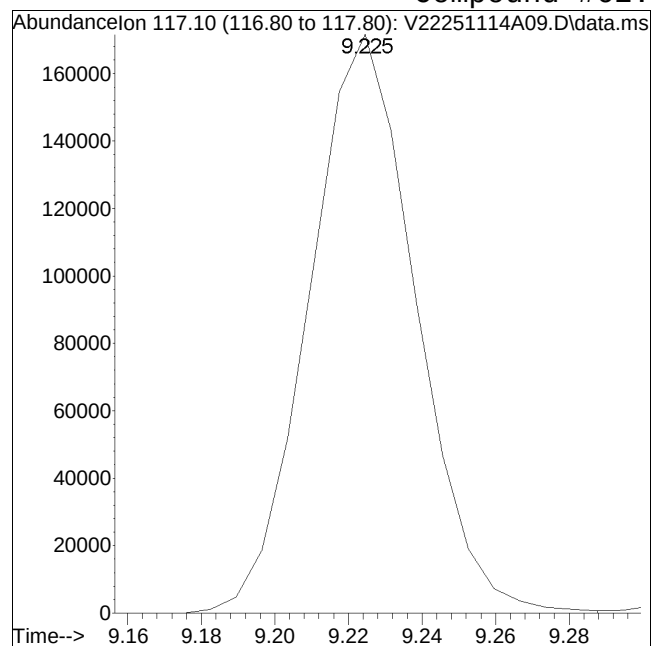


Manual Peak Response = 7721 M6

Manual Integration Report

Data Path : K:\V0A122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A09.D Operator : V0A122:PID
Date Inj'd : 11/14/2025 8:55 pm Instrument : V0A 122
Sample : I8260STD10PPB Quant Date : 11/15/2025 11:48 am

Compound #62: Chlorobenzene-d5



Original Peak Response = 345288

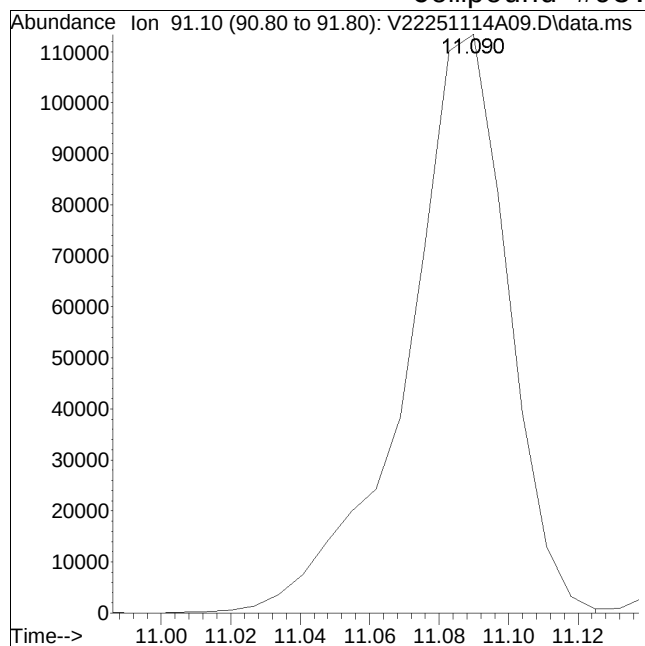
Manual Peak Response = 345288 M1

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

Manual Integration Report

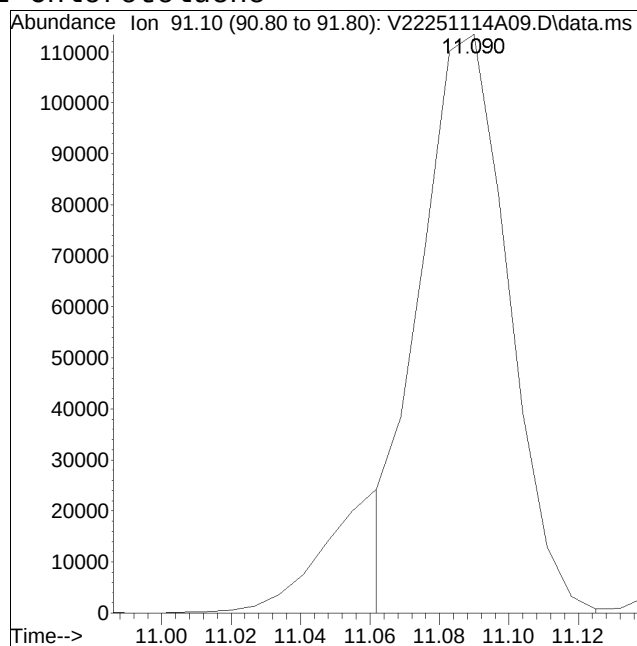
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A09.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 8:55 pm Instrument : VOA 122
Sample : I8260STD10PPB Quant Date : 11/15/2025 11:48 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 229166

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



Manual Peak Response = 198911 M6

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A10.D
 Acq On : 14 Nov 2025 09:19 pm
 Operator : VOA122:PID
 Sample : I8260STD30PPB
 Misc : WG2142111,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 15 11:55:00 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.709	96	448427	10.000	ug/L	0.00
Standard Area 1 = 432596			Recovery	=	103.66%	
62) Chlorobenzene-d5	9.225	117	352826	10.000	ug/L	0.00
Standard Area 1 = 345288			Recovery	=	102.18%	
83) 1,4-Dichlorobenzene-d4	11.992	152	193936	10.000	ug/L	0.00
Standard Area 1 = 189494			Recovery	=	102.34%	
System Monitoring Compounds						
38) Dibromofluoromethane	4.911	113	116767	9.769	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.69%	
46) 1,2-Dichloroethane-d4	5.423	65	113251	9.879	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.79%	
63) Toluene-d8	7.395	98	452824	9.843	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.43%	
87) 4-Bromofluorobenzene	10.753	95	171094	10.004	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.04%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.514	85	259882	34.302	ug/L	99
3) Chloromethane	1.687	50	233529	30.325	ug/L	100
4) Vinyl chloride	1.757	62	282859	31.315	ug/L	99
5) Bromomethane	2.040	94	173449	30.632	ug/L	98
6) Chloroethane	2.142	64	196922	30.626	ug/L	97
7) Trichlorofluoromethane	2.275	101	279530	33.619	ug/L	98
8) Ethyl ether	2.558	74	72527	31.294	ug/L	99
10) 1,1-Dichloroethene	2.746	96	162111	31.638	ug/L	97
11) Carbon disulfide	2.769	76	540388	31.094	ug/L	100
12) Freon-113	2.777	101	159379	34.731	ug/L	99
13) Iodomethane	2.871	142	248939	32.178	ug/L	99
14) Acrolein	3.036	56	13029	29.735	ug/L	99
15) Methylene chloride	3.272	84	176450	29.868	ug/L	98
17) Acetone	3.295	43	23466	25.940	ug/L	91
18) trans-1,2-Dichloroethene	3.413	96	172948	30.450	ug/L	99
19) Methyl acetate	3.421	43	53748	28.651	ug/L	97
21) Methyl tert-butyl ether	3.507	73	322400	31.471	ug/L	99
22) tert-Butyl alcohol	3.585	59	33224	159.395	ug/L	93
24) Diisopropyl ether	3.860	45	434527	31.427	ug/L	99
25) 1,1-Dichloroethane	3.978	63	314461	30.851	ug/L	99
26) Halothane	4.033	117	132139	31.565	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A10.D
 Acq On : 14 Nov 2025 09:19 pm
 Operator : VOA122:PID
 Sample : I8260STD30PPB
 Misc : WG2142111,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 15 11:55:00 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.017	53	33170	31.695	ug/L	100
28) Ethyl tert-butyl ether	4.197	59	384900	31.785	ug/L	98
29) Vinyl acetate	4.205	43	226578	33.824	ug/L	98
30) cis-1,2-Dichloroethene	4.480	96	186203	30.764	ug/L	98
31) 2,2-Dichloropropane	4.582	77	238534	30.705	ug/L	99
32) Bromochloromethane	4.668	128	86833	30.909	ug/L	98
33) Cyclohexane	4.684	56	307686	35.777	ug/L	99
34) Chloroform	4.739	83	292564	29.926	ug/L	99
35) Ethyl acetate	4.848	43	78725	30.439	ug/L	99
36) Carbon tetrachloride	4.880	117	263352	32.733	ug/L	98
37) Tetrahydrofuran	4.888	42	24189M6	30.223	ug/L	
39) 1,1,1-Trichloroethane	4.943	97	280560	31.683	ug/L	99
41) 2-Butanone	5.021	43	32185	32.912	ug/L #	55
42) 1,1-Dichloropropene	5.060	75	232465	32.288	ug/L	99
44) Benzene	5.296	78	441415	31.799	ug/L	98
45) tert-Amyl methyl ether	5.416	73	326456	31.738	ug/L	99
47) 1,2-Dichloroethane	5.493	62	182134	30.730	ug/L	98
50) Methyl cyclohexane	5.884	83	322953	38.421	ug/L	100
51) Trichloroethene	5.891	95	193335	32.884	ug/L	98
53) Dibromomethane	6.317	93	89274	32.750	ug/L	97
54) 1,2-Dichloropropane	6.421	63	178524	31.567	ug/L	99
56) 2-Chloroethyl vinyl ether	7.117	63	68923	30.925	ug/L	98
57) Bromodichloromethane	6.491	83	161254	31.459	ug/L	100
60) 1,4-Dioxane	6.700	88	19791	622.183	ug/L	99
61) cis-1,3-Dichloropropene	7.179	75	260789	33.412	ug/L	98
64) Toluene	7.450	92	443501	31.662	ug/L	98
65) 4-Methyl-2-pentanone	7.881	58	30659	31.134	ug/L	99
66) Tetrachloroethene	7.895	166	198953	32.373	ug/L	99
68) trans-1,3-Dichloropropene	7.930	75	210763	33.637	ug/L	98
70) Ethyl methacrylate	8.131	69	141244	31.849	ug/L	98
71) 1,1,2-Trichloroethane	8.111	83	98720	32.622	ug/L	99
72) Chlorodibromomethane	8.319	129	160085	33.150	ug/L	99
73) 1,3-Dichloropropane	8.430	76	203467	32.655	ug/L	99
74) 1,2-Dibromoethane	8.590	107	120568	32.302	ug/L	99
76) 2-Hexanone	8.889	43	52948	28.096	ug/L	89
77) Chlorobenzene	9.246	112	498733	31.302	ug/L	98
78) Ethylbenzene	9.295	91	903242	31.344	ug/L	100
79) 1,1,1,2-Tetrachloroethane	9.330	131	173436	32.845	ug/L	99
80) p/m Xylene	9.484	106	732983	63.044	ug/L	100
81) o Xylene	10.024	106	702971	63.532	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A10.D
 Acq On : 14 Nov 2025 09:19 pm
 Operator : VOA122:PID
 Sample : I8260STD30PPB
 Misc : WG2142111,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 15 11:55:00 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82)	Styrene	10.094	104	1158886	63.862	ug/L	99
84)	Bromoform	10.108	173	90421	33.782	ug/L	99
86)	Isopropylbenzene	10.431	105	950202	32.014	ug/L	100
88)	Bromobenzene	10.865	156	203718	31.890	ug/L	99
89)	n-Propylbenzene	10.922	91	1139801	32.318	ug/L	100
90)	1,4-Dichlorobutane	10.929	55	198117	31.936	ug/L	100
91)	1,1,2,2-Tetrachloroethane	11.006	83	135978	32.497	ug/L	99
92)	4-Ethyltoluene	11.055	105	944678	32.179	ug/L	100
93)	2-Chlorotoluene	11.090	91	643387M6	31.605	ug/L	
94)	1,3,5-Trimethylbenzene	11.160	105	797614	32.125	ug/L	100
95)	1,2,3-Trichloropropane	11.146	75	107483	31.012	ug/L	99
96)	trans-1,4-Dichloro-2-b...	11.202	53	37386	31.929	ug/L	96
97)	4-Chlorotoluene	11.279	91	667666	31.712	ug/L	100
98)	tert-Butylbenzene	11.504	119	688956	32.771	ug/L	100
101)	1,2,4-Trimethylbenzene	11.588	105	774624	32.314	ug/L	99
102)	sec-Butylbenzene	11.693	105	571476	32.085	ug/L	100
103)	p-Isopropyltoluene	11.860	119	863531	32.692	ug/L	99
104)	1,3-Dichlorobenzene	11.916	146	426282	31.577	ug/L	100
105)	1,4-Dichlorobenzene	12.006	146	415184	31.570	ug/L	99
106)	p-Diethylbenzene	12.243	119	491750	32.885	ug/L	99
107)	n-Butylbenzene	12.299	91	744270	33.200	ug/L	99
108)	1,2-Dichlorobenzene	12.438	146	368762	31.991	ug/L	100
109)	1,2,4,5-Tetramethylben...	13.043	119	653505	32.496	ug/L	100
110)	1,2-Dibromo-3-chloropr...	13.224	155	21402	31.641	ug/L	95
111)	1,3,5-Trichlorobenzene	13.266	180	242227	32.308	ug/L	99
112)	Hexachlorobutadiene	13.851	225	84237	35.410	ug/L	98
113)	1,2,4-Trichlorobenzene	13.865	180	198827	32.831	ug/L	99
114)	Naphthalene	14.157	128	431922	31.748	ug/L	100
115)	1,2,3-Trichlorobenzene	14.324	180	163374	32.362	ug/L	99

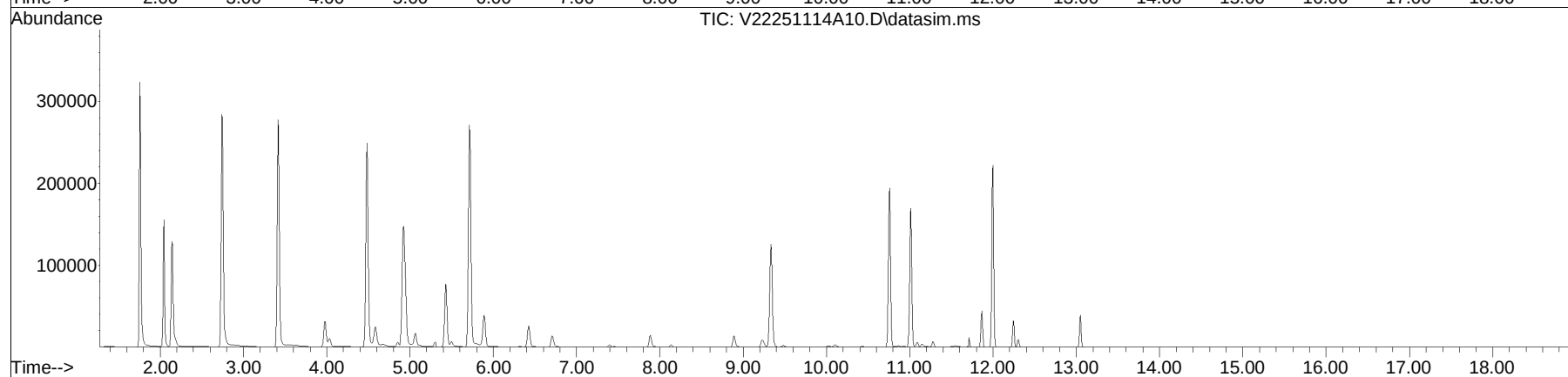
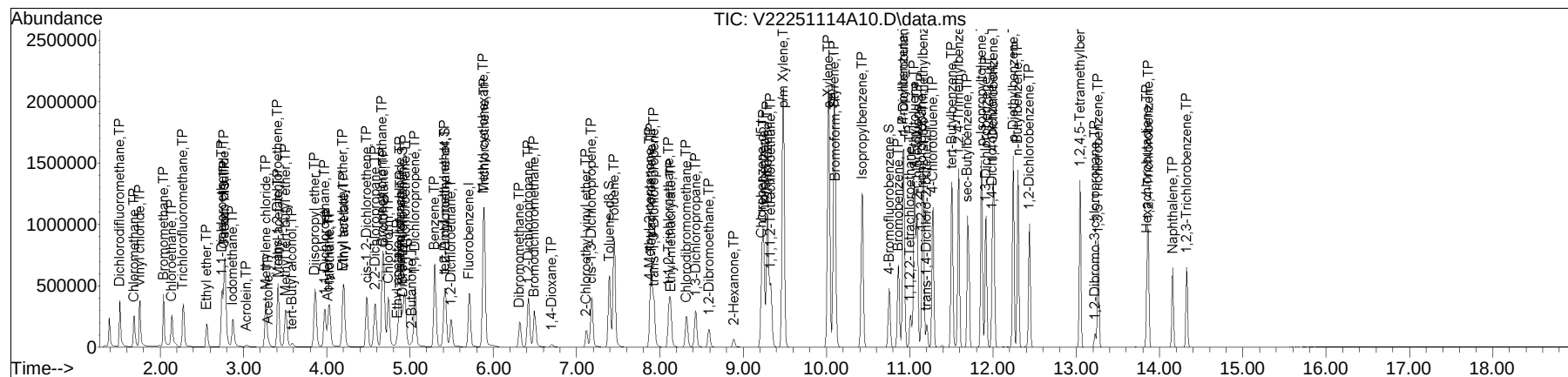
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A10.D
 Acq On : 14 Nov 2025 09:19 pm
 Operator : VOA122:PID
 Sample : I8260STD30PPB
 Misc : WG2142111,ICAL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 15 11:55:00 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

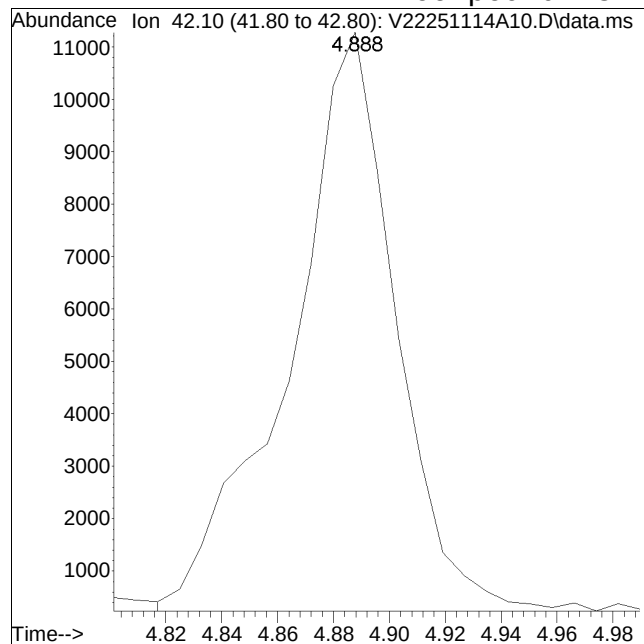
Sub List : 8260-Curve - Megamix plus Diox\VOA122\251114A09.D•



Manual Integration Report

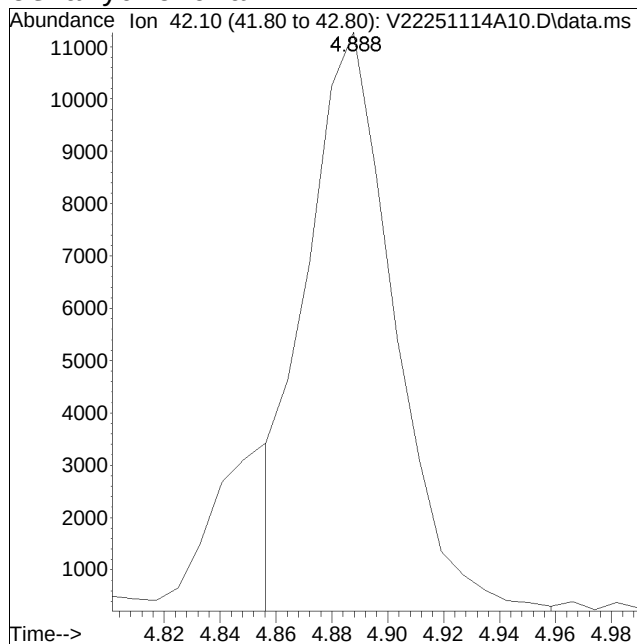
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Data File : V22251114A10.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 9:19 pm Instrument : VOA 122
Sample : I8260STD30PPB Quant Date : 11/15/2025 11:50 am

Compound #37: Tetrahydrofuran



Original Peak Response = 28899

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

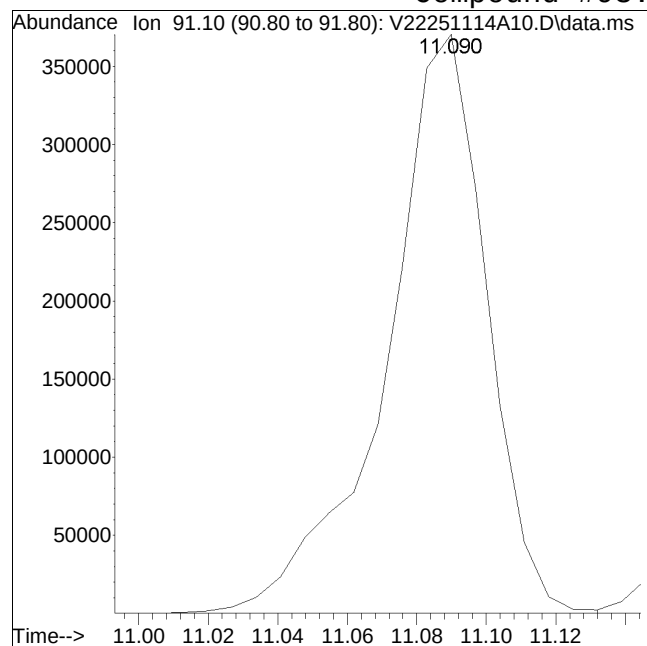


Manual Peak Response = 24189 M6

Manual Integration Report

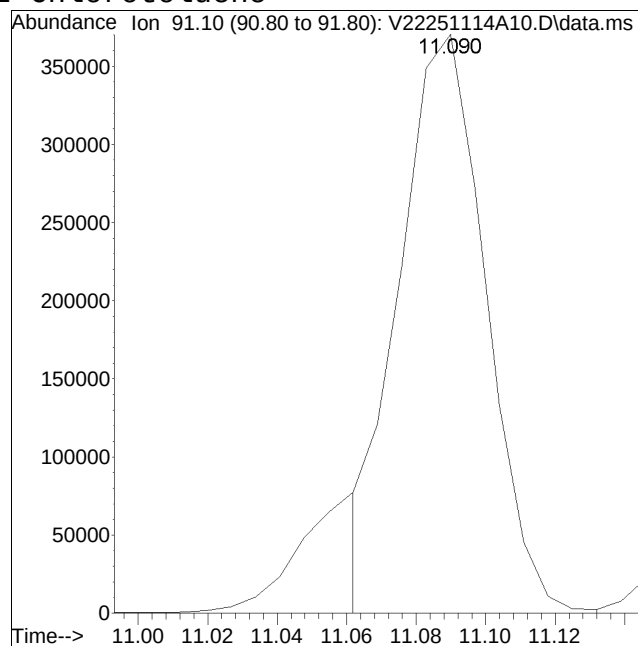
Data Path : K:\V0A122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A10.D Operator : V0A122:PID
Date Inj'd : 11/14/2025 9:19 pm Instrument : V0A 122
Sample : I8260STD30PPB Quant Date : 11/15/2025 11:50 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 738660

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



Manual Peak Response = 643387 M6

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A11.D
 Acq On : 14 Nov 2025 09:44 pm
 Operator : VOA122:PID
 Sample : I8260STD80PPB
 Misc : WG2142111,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 15 11:57:10 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.710	96	468338	10.000	ug/L	0.00
Standard Area 1 = 432596			Recovery	=	108.26%	
62) Chlorobenzene-d5	9.225	117	363689	10.000	ug/L	0.00
Standard Area 1 = 345288			Recovery	=	105.33%	
83) 1,4-Dichlorobenzene-d4	11.993	152	199799	10.000	ug/L	0.00
Standard Area 1 = 189494			Recovery	=	105.44%	
System Monitoring Compounds						
38) Dibromofluoromethane	4.912	113	121778	9.755	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.55%	
46) 1,2-Dichloroethane-d4	5.423	65	118892	9.931	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.31%	
63) Toluene-d8	7.395	98	469409	9.899	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.99%	
87) 4-Bromofluorobenzene	10.754	95	172178	9.772	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.72%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.514	85	711838	89.961	ug/L	100
3) Chloromethane	1.687	50	627692	78.043	ug/L	100
4) Vinyl chloride	1.758	62	751569	79.668	ug/L	99
5) Bromomethane	2.040	94	488199	82.554	ug/L	98
6) Chloroethane	2.142	64	518347	77.189	ug/L	97
7) Trichlorofluoromethane	2.275	101	761013	87.637	ug/L	97
8) Ethyl ether	2.558	74	197785	81.712	ug/L	98
10) 1,1-Dichloroethene	2.738	96	449935	84.078	ug/L	98
11) Carbon disulfide	2.770	76	1486258	81.883	ug/L	100
12) Freon-113	2.778	101	438219	91.435	ug/L	99
13) Iodomethane	2.872	142	691073	85.531	ug/L	99
14) Acrolein	3.036	56	35674	77.955	ug/L	95
15) Methylene chloride	3.264	84	476675	77.257	ug/L	99
17) Acetone	3.295	43	61209	64.785	ug/L	# 90
18) trans-1,2-Dichloroethene	3.413	96	480880	81.067	ug/L	99
19) Methyl acetate	3.413	43	148798	75.948	ug/L	97
21) Methyl tert-butyl ether	3.507	73	885275	82.743	ug/L	99
22) tert-Butyl alcohol	3.586	59	91630	420.913	ug/L	97
24) Diisopropyl ether	3.860	45	1240438	85.899	ug/L	98
25) 1,1-Dichloroethane	3.978	63	862789	81.047	ug/L	99
26) Halothane	4.033	117	365772	83.661	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A11.D
 Acq On : 14 Nov 2025 09:44 pm
 Operator : VOA122:PID
 Sample : I8260STD80PPB
 Misc : WG2142111,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 15 11:57:10 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.009	53	89221	81.628	ug/L	99
28) Ethyl tert-butyl ether	4.198	59	1093280	86.444	ug/L	99
29) Vinyl acetate	4.205	43	619605	88.564	ug/L	98
30) cis-1,2-Dichloroethene	4.480	96	512366	81.054	ug/L	98
31) 2,2-Dichloropropane	4.582	77	664532	81.903	ug/L	97
32) Bromochloromethane	4.668	128	237204	80.846	ug/L	99
33) Cyclohexane	4.684	56	892836	99.403	ug/L	97
34) Chloroform	4.739	83	815975	79.917	ug/L	99
35) Ethyl acetate	4.849	43	219929	81.421	ug/L	99
36) Carbon tetrachloride	4.880	117	732629	87.190	ug/L	98
37) Tetrahydrofuran	4.888	42	64948M6	77.699	ug/L	
39) 1,1,1-Trichloroethane	4.943	97	779099	84.242	ug/L	98
41) 2-Butanone	5.021	43	88607	86.755	ug/L #	55
42) 1,1-Dichloropropene	5.061	75	674261	89.670	ug/L	99
44) Benzene	5.296	78	1233669	85.093	ug/L	98
45) tert-Amyl methyl ether	5.416	73	945130	87.978	ug/L	98
47) 1,2-Dichloroethane	5.493	62	515058	83.207	ug/L	99
50) Methyl cyclohexane	5.884	83	936351	106.660	ug/L	99
51) Trichloroethene	5.891	95	565382	92.077	ug/L	97
53) Dibromomethane	6.317	93	246805	86.690	ug/L	98
54) 1,2-Dichloropropane	6.422	63	495711	83.925	ug/L	99
56) 2-Chloroethyl vinyl ether	7.117	63	192308	82.619	ug/L	96
57) Bromodichloromethane	6.491	83	446462	83.397	ug/L	99
60) 1,4-Dioxane	6.707	88	27234	819.774	ug/L	97
61) cis-1,3-Dichloropropene	7.180	75	734252	90.071	ug/L	98
64) Toluene	7.451	92	1229153	85.129	ug/L	98
65) 4-Methyl-2-pentanone	7.881	58	88794	87.477	ug/L	93
66) Tetrachloroethene	7.895	166	559633	88.342	ug/L	99
68) trans-1,3-Dichloropropene	7.930	75	599956	92.890	ug/L	97
70) Ethyl methacrylate	8.132	69	387473	84.760	ug/L	97
71) 1,1,2-Trichloroethane	8.111	83	279370	89.561	ug/L	99
72) Chlorodibromomethane	8.319	129	455330	91.471	ug/L	99
73) 1,3-Dichloropropane	8.431	76	560801	87.316	ug/L	99
74) 1,2-Dibromoethane	8.590	107	335518	87.205	ug/L	100
76) 2-Hexanone	8.882	43	157703	81.182	ug/L	95
77) Chlorobenzene	9.246	112	1373597	83.635	ug/L	99
78) Ethylbenzene	9.295	91	2502412	84.244	ug/L	100
79) 1,1,1,2-Tetrachloroethane	9.330	131	487846	89.627	ug/L	99
80) p/m Xylene	9.484	106	2051672	171.193	ug/L	99
81) o Xylene	10.024	106	1976997	173.337	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A11.D
 Acq On : 14 Nov 2025 09:44 pm
 Operator : VOA122:PID
 Sample : I8260STD80PPB
 Misc : WG2142111,ICAL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 15 11:57:10 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82)	Styrene	10.094	104	3240608	173.243	ug/L	98
84)	Bromoform	10.108	173	270064	97.937	ug/L	99
86)	Isopropylbenzene	10.431	105	2649225	86.639	ug/L	100
88)	Bromobenzene	10.866	156	566278	86.044	ug/L	100
89)	n-Propylbenzene	10.929	91	3191942	87.850	ug/L	99
90)	1,4-Dichlorobutane	10.929	55	562943	88.082	ug/L	100
91)	1,1,2,2-Tetrachloroethane	11.013	83	377309	87.526	ug/L	100
92)	4-Ethyltoluene	11.055	105	2607316	86.208	ug/L	99
93)	2-Chlorotoluene	11.090	91	1795996M6	85.634	ug/L	
94)	1,3,5-Trimethylbenzene	11.160	105	2226244	87.035	ug/L	100
95)	1,2,3-Trichloropropane	11.146	75	302936	84.840	ug/L	98
96)	trans-1,4-Dichloro-2-b...	11.202	53	106403	88.205	ug/L	94
97)	4-Chlorotoluene	11.280	91	1850419	85.309	ug/L	100
98)	tert-Butylbenzene	11.504	119	1928226	89.027	ug/L	100
101)	1,2,4-Trimethylbenzene	11.588	105	2146201	86.903	ug/L	100
102)	sec-Butylbenzene	11.693	105	1532572	83.520	ug/L	98
103)	p-Isopropyltoluene	11.860	119	2411042	88.601	ug/L	99
104)	1,3-Dichlorobenzene	11.916	146	1176023	84.558	ug/L	100
105)	1,4-Dichlorobenzene	12.014	146	1155561	85.290	ug/L	99
106)	p-Diethylbenzene	12.243	119	1394492	90.517	ug/L	99
107)	n-Butylbenzene	12.299	91	2071444	89.689	ug/L	99
108)	1,2-Dichlorobenzene	12.438	146	1023493	86.184	ug/L	100
109)	1,2,4,5-Tetramethylben...	13.044	119	1837970	88.712	ug/L	100
110)	1,2-Dibromo-3-chloropr...	13.225	155	61061	87.625	ug/L	97
111)	1,3,5-Trichlorobenzene	13.267	180	669617	86.692	ug/L	99
112)	Hexachlorobutadiene	13.851	225	239227	97.612	ug/L	98
113)	1,2,4-Trichlorobenzene	13.865	180	554977	88.952	ug/L	99
114)	Naphthalene	14.158	128	1161648	82.881	ug/L	100
115)	1,2,3-Trichlorobenzene	14.325	180	450783	86.673	ug/L	99

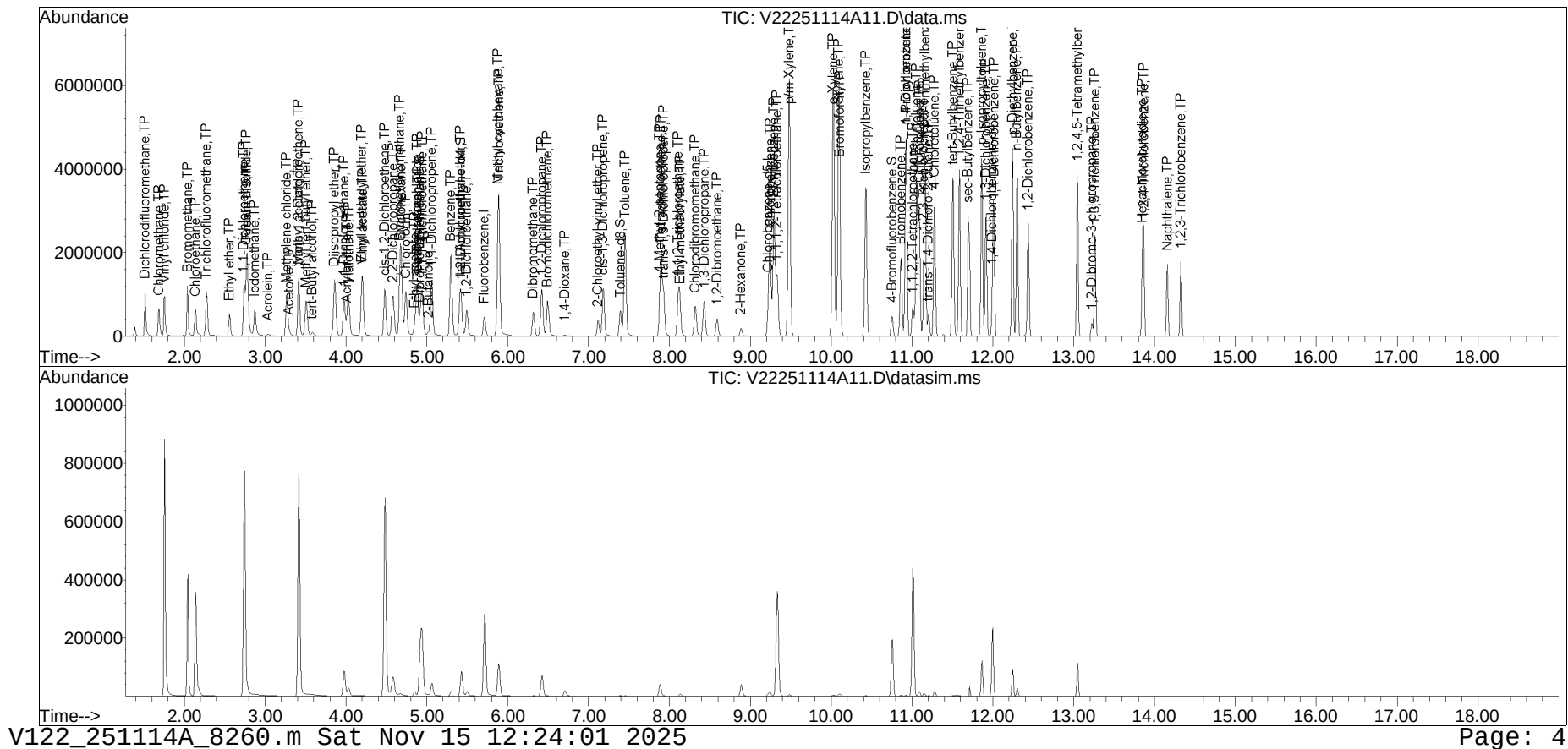
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : K:\VOA122\2025\251114ICAL\
Data File : V22251114A11.D
Acq On : 14 Nov 2025 09:44 pm
Operator : VOA122:PID
Sample : I8260STD80PPB
Misc : WG2142111, ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 15 11:57:10 2025
Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Nov 15 11:49:06 2025
Response via : Initial Calibration

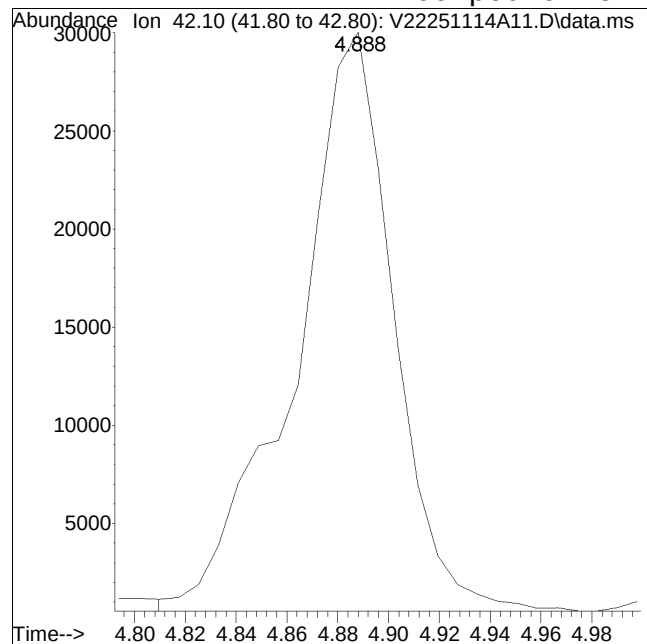
Sub List : 8260-Curve - Megamix plus Diox\V22251114A09.D•



Manual Integration Report

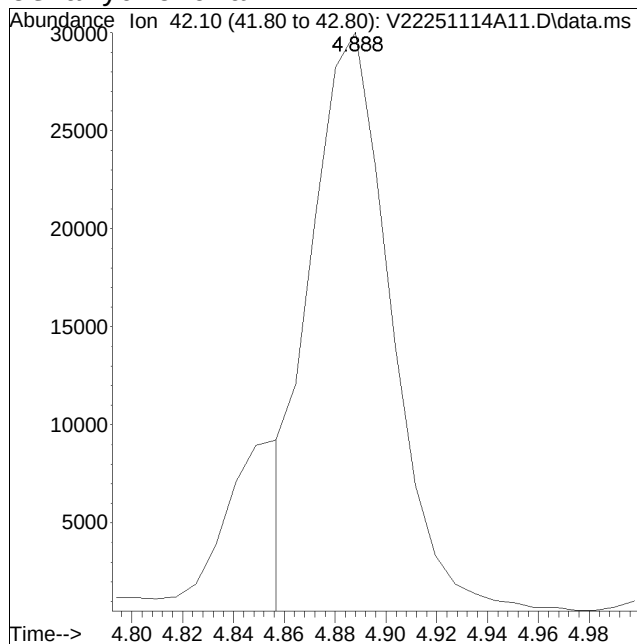
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Data File : V22251114A11.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 9:44 pm Instrument : VOA 122
Sample : I8260STD80PPB Quant Date : 11/15/2025 11:50 am

Compound #37: Tetrahydrofuran



Original Peak Response = 78413

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

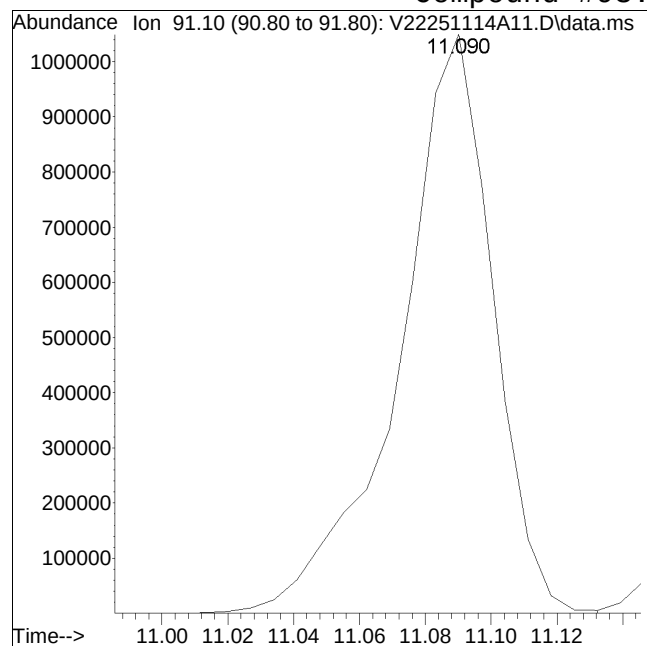


Manual Peak Response = 64948 M6

Manual Integration Report

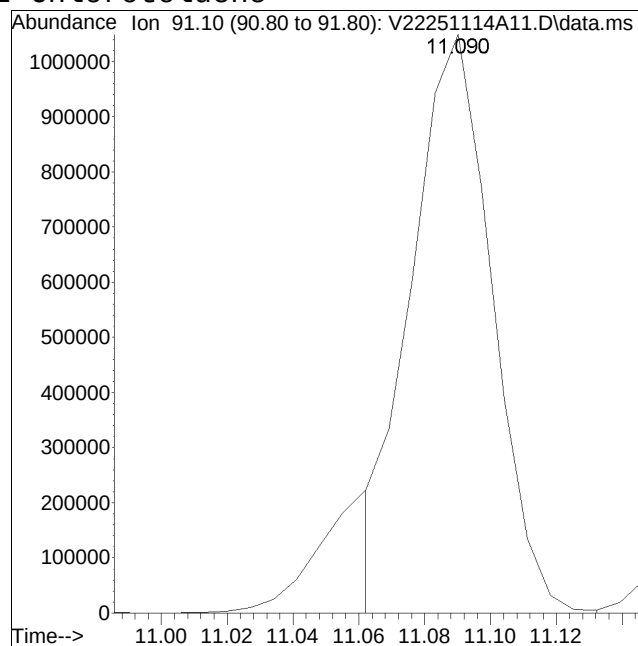
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A11.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 9:44 pm Instrument : VOA 122
Sample : I8260STD80PPB Quant Date : 11/15/2025 11:50 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 2056877

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



Manual Peak Response = 1795996 M6

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A12.D
 Acq On : 14 Nov 2025 10:09 pm
 Operator : VOA122:PID
 Sample : I8260STD120PPB
 Misc : WG2142111,ICAL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 15 11:58:59 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.716	96	487359	10.000	ug/L	0.00
Standard Area 1 = 432596			Recovery	=	112.66%	
62) Chlorobenzene-d5	9.225	117	383085	10.000	ug/L	0.00
Standard Area 1 = 345288			Recovery	=	110.95%	
83) 1,4-Dichlorobenzene-d4	11.999	152	207996	10.000	ug/L	0.00
Standard Area 1 = 189494			Recovery	=	109.76%	
System Monitoring Compounds						
38) Dibromofluoromethane	4.911	113	129268	9.951	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.51%	
46) 1,2-Dichloroethane-d4	5.430	65	129143	10.366	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.66%	
63) Toluene-d8	7.395	98	487976	9.770	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.70%	
87) 4-Bromofluorobenzene	10.753	95	177288	9.666	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.66%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.514	85	1049436	127.449	ug/L	99
3) Chloromethane	1.687	50	931442	111.289	ug/L	100
4) Vinyl chloride	1.757	62	1111590	113.232	ug/L	99
5) Bromomethane	2.040	94	760557	123.590	ug/L	99
6) Chloroethane	2.134	64	723982	103.603	ug/L	97
7) Trichlorofluoromethane	2.275	101	1147642	127.002	ug/L	98
8) Ethyl ether	2.558	74	316829	125.784	ug/L	98
10) 1,1-Dichloroethene	2.746	96	678932	121.918	ug/L	99
11) Carbon disulfide	2.769	76	2250274	119.136	ug/L	100
12) Freon-113	2.777	101	663294	132.996	ug/L	98
13) Iodomethane	2.871	142	1042271	123.962	ug/L	99
14) Acrolein	3.036	56	57744	121.257	ug/L	95
15) Methylene chloride	3.272	84	741936	115.556	ug/L	99
17) Acetone	3.295	43	100780	102.504	ug/L	# 89
18) trans-1,2-Dichloroethene	3.413	96	752324	121.877	ug/L	99
19) Methyl acetate	3.413	43	249007	122.135	ug/L	98
21) Methyl tert-butyl ether	3.507	73	1424331	127.930	ug/L	99
22) tert-Butyl alcohol	3.585	59	151592	669.177	ug/L	91
24) Diisopropyl ether	3.860	45	1914594	127.409	ug/L	99
25) 1,1-Dichloroethane	3.978	63	1330448	120.099	ug/L	99
26) Halothane	4.033	117	559513	122.980	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A12.D
 Acq On : 14 Nov 2025 10:09 pm
 Operator : VOA122:PID
 Sample : I8260STD120PPB
 Misc : WG2142111,ICAL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 15 11:58:59 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.009	53	144705	127.224	ug/L	99
28) Ethyl tert-butyl ether	4.197	59	1789994	136.008	ug/L	98
29) Vinyl acetate	4.205	43	1013559	139.220	ug/L	98
30) cis-1,2-Dichloroethene	4.480	96	790796	120.217	ug/L	99
31) 2,2-Dichloropropane	4.582	77	1013978	120.095	ug/L	97
32) Bromochloromethane	4.668	128	359810	117.848	ug/L	100
33) Cyclohexane	4.684	56	1357439	145.231	ug/L	96
34) Chloroform	4.739	83	1279816	120.453	ug/L	98
35) Ethyl acetate	4.849	43	362185	128.853	ug/L	99
36) Carbon tetrachloride	4.880	117	1119869	128.074	ug/L	98
37) Tetrahydrofuran	4.888	42	107235M6	123.281	ug/L	
39) 1,1,1-Trichloroethane	4.943	97	1193201	123.983	ug/L	98
41) 2-Butanone	5.021	43	145725	137.111	ug/L #	54
42) 1,1-Dichloropropene	5.060	75	1028555	131.449	ug/L	100
44) Benzene	5.296	78	1867739	123.801	ug/L	98
45) tert-Amyl methyl ether	5.416	73	1528099	136.693	ug/L	97
47) 1,2-Dichloroethane	5.493	62	812995	126.212	ug/L	99
50) Methyl cyclohexane	5.884	83	1437224	157.324	ug/L	100
51) Trichloroethene	5.891	95	866680	135.637	ug/L	98
53) Dibromomethane	6.317	93	393435	132.801	ug/L	98
54) 1,2-Dichloropropane	6.421	63	771938	125.591	ug/L	99
56) 2-Chloroethyl vinyl ether	7.117	63	306433	126.512	ug/L	97
57) Bromodichloromethane	6.491	83	687977	123.495	ug/L	98
60) 1,4-Dioxane	6.707	88	44346	1282.767	ug/L	98
61) cis-1,3-Dichloropropene	7.186	75	1158338	136.548	ug/L	99
64) Toluene	7.450	92	1909166	125.531	ug/L	98
65) 4-Methyl-2-pentanone	7.881	58	142192	132.990	ug/L	94
66) Tetrachloroethene	7.895	166	868073	130.094	ug/L	99
68) trans-1,3-Dichloropropene	7.930	75	951309	139.832	ug/L	97
70) Ethyl methacrylate	8.131	69	618746	128.499	ug/L	98
71) 1,1,2-Trichloroethane	8.111	83	444513	135.288	ug/L	99
72) Chlorodibromomethane	8.319	129	720048	137.326	ug/L	98
73) 1,3-Dichloropropane	8.430	76	889962	131.550	ug/L	99
74) 1,2-Dibromoethane	8.590	107	539451	133.111	ug/L	100
76) 2-Hexanone	8.882	43	247914	121.159	ug/L #	90
77) Chlorobenzene	9.246	112	2106417	121.761	ug/L	98
78) Ethylbenzene	9.295	91	3808280	121.715	ug/L	99
79) 1,1,1,2-Tetrachloroethane	9.330	131	762272	132.953	ug/L	100
80) p/m Xylene	9.484	106	3135811	248.406	ug/L	98
81) o Xylene	10.031	106	3017462	251.167	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A12.D
 Acq On : 14 Nov 2025 10:09 pm
 Operator : VOA122:PID
 Sample : I8260STD120PPB
 Misc : WG2142111,ICAL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 15 11:58:59 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82)	Styrene	10.094	104	4943863	250.917	ug/L	96
84)	Bromoform	10.115	173	430091	149.823	ug/L	100
86)	Isopropylbenzene	10.431	105	4007283	125.887	ug/L	100
88)	Bromobenzene	10.866	156	872030	127.281	ug/L	99
89)	n-Propylbenzene	10.929	91	4793390	126.726	ug/L	99
90)	1,4-Dichlorobutane	10.929	55	888991	133.616	ug/L	99
91)	1,1,2,2-Tetrachloroethane	11.013	83	585274	130.417	ug/L	99
92)	4-Ethyltoluene	11.062	105	3918590	124.457	ug/L	99
93)	2-Chlorotoluene	11.090	91	2544393M6	116.538	ug/L	
94)	1,3,5-Trimethylbenzene	11.160	105	3345348	125.632	ug/L	99
95)	1,2,3-Trichloropropane	11.146	75	483359	130.035	ug/L	99
96)	trans-1,4-Dichloro-2-b...	11.209	53	170040	135.403	ug/L	94
97)	4-Chlorotoluene	11.279	91	2786205	123.389	ug/L	100
98)	tert-Butylbenzene	11.511	119	2898666	128.558	ug/L	99
101)	1,2,4-Trimethylbenzene	11.588	105	3258074	126.726	ug/L	100
102)	sec-Butylbenzene	11.693	105	2258113	118.209	ug/L	98
103)	p-Isopropyltoluene	11.867	119	3579106	126.341	ug/L	98
104)	1,3-Dichlorobenzene	11.916	146	1787593	123.466	ug/L	100
105)	1,4-Dichlorobenzene	12.013	146	1753463	124.320	ug/L	99
106)	p-Diethylbenzene	12.243	119	2107816	131.427	ug/L	99
107)	n-Butylbenzene	12.299	91	3084670	128.296	ug/L	99
108)	1,2-Dichlorobenzene	12.438	146	1565376	126.619	ug/L	100
109)	1,2,4,5-Tetramethylben...	13.051	119	2799650	129.803	ug/L	99
110)	1,2-Dibromo-3-chloropr...	13.225	155	97013	133.732	ug/L	97
111)	1,3,5-Trichlorobenzene	13.266	180	1027626	127.799	ug/L	99
112)	Hexachlorobutadiene	13.851	225	367275	143.953	ug/L	98
113)	1,2,4-Trichlorobenzene	13.865	180	872439	134.323	ug/L	98
114)	Naphthalene	14.157	128	1831962	125.555	ug/L	100
115)	1,2,3-Trichlorobenzene	14.324	180	714511	131.967	ug/L	98

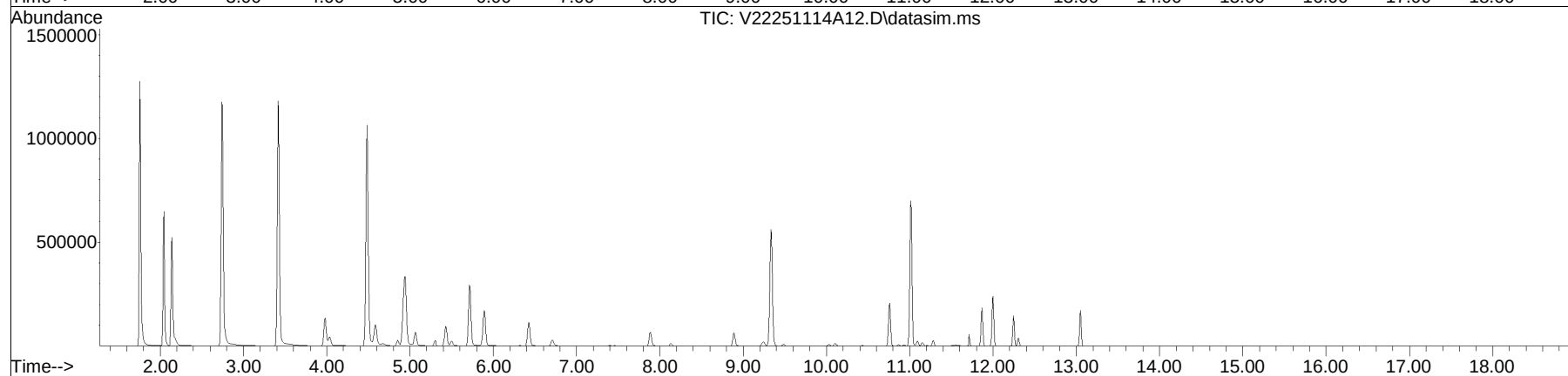
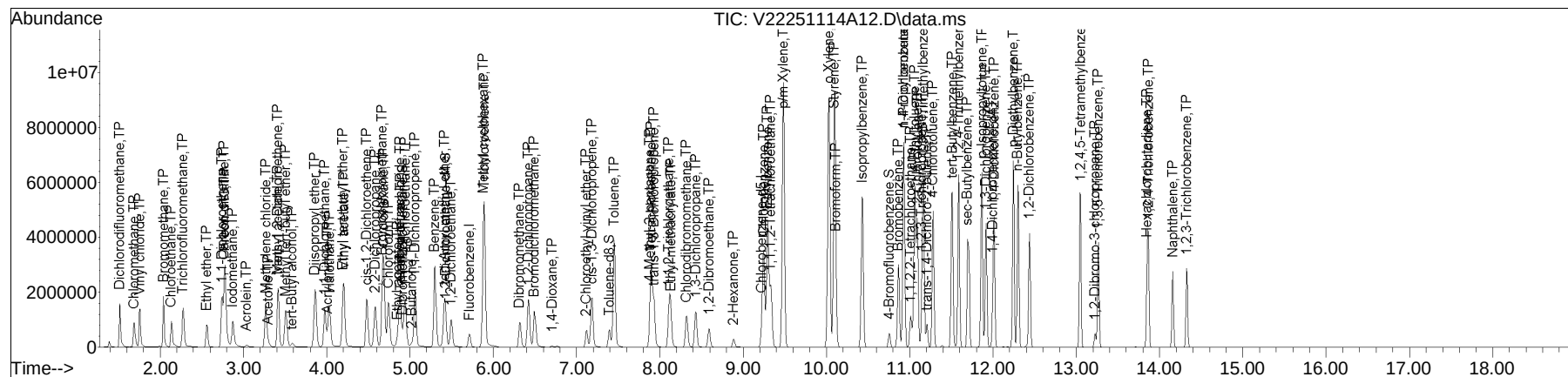
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A12.D
 Acq On : 14 Nov 2025 10:09 pm
 Operator : VOA122:PID
 Sample : I8260STD120PPB
 Misc : WG2142111,ICAL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 15 11:58:59 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

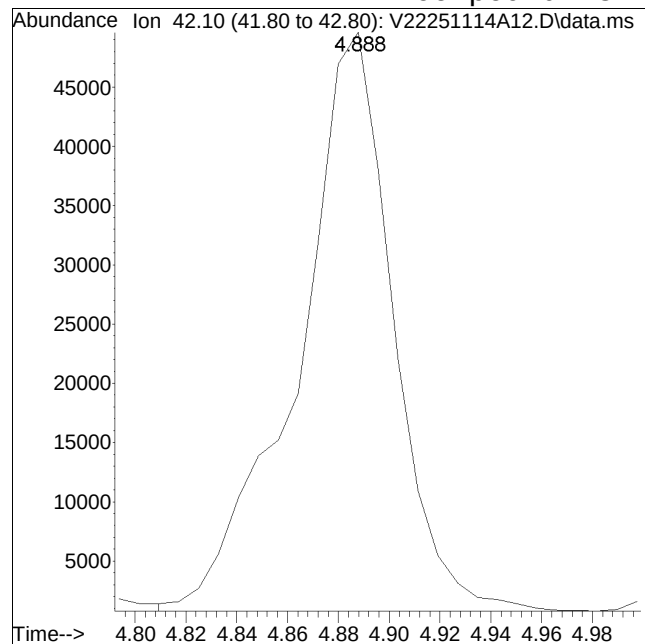
Sub List : 8260-Curve - Megamix plus Diox\VOA122\251114A09.D•



Manual Integration Report

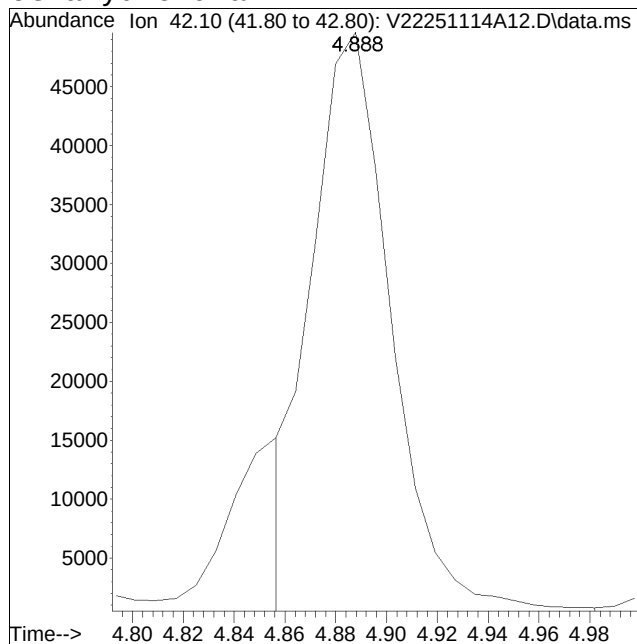
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A12.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 10:09 pm Instrument : VOA 122
Sample : I8260STD120PPB Quant Date : 11/15/2025 11:50 am

Compound #37: Tetrahydrofuran



Original Peak Response = 126172

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

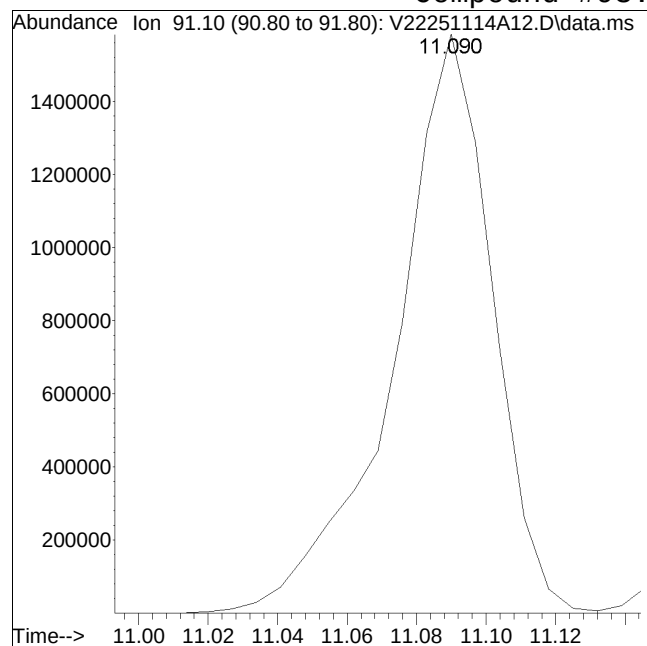


Manual Peak Response = 107235 M6

Manual Integration Report

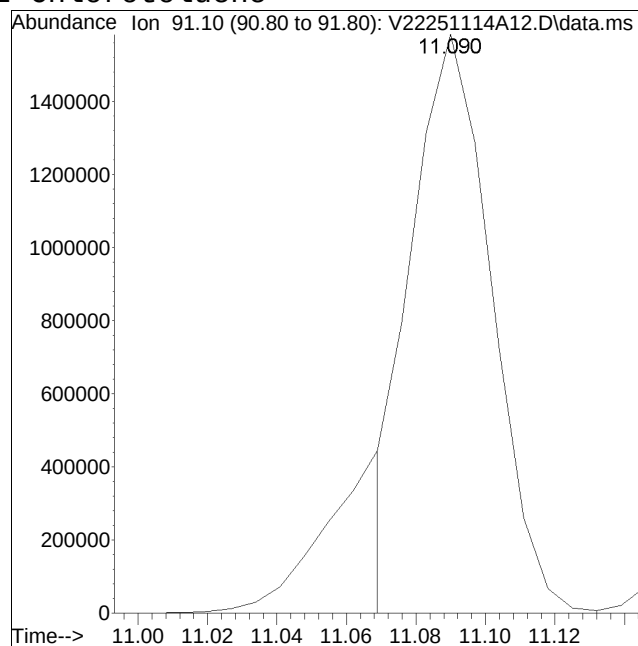
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A12.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 10:09 pm Instrument : VOA 122
Sample : I8260STD120PPB Quant Date : 11/15/2025 11:50 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 3087279

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



Manual Peak Response = 2544393 M6

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A13.D
 Acq On : 14 Nov 2025 10:33 pm
 Operator : VOA122:PID
 Sample : I8260STD200PPB
 Misc : WG2142111,ICAL
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 15 11:59:49 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.709	96	502838	10.000	ug/L	0.00
Standard Area 1 = 432596			Recovery	=	116.24%	
62) Chlorobenzene-d5	9.225	117	393993	10.000	ug/L	0.00
Standard Area 1 = 345288			Recovery	=	114.11%	
83) 1,4-Dichlorobenzene-d4	11.999	152	212202	10.000	ug/L	0.00
Standard Area 1 = 189494			Recovery	=	111.98%	
System Monitoring Compounds						
38) Dibromofluoromethane	4.919	113	134006	9.998	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.98%	
46) 1,2-Dichloroethane-d4	5.430	65	133954	10.421	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	104.21%	
63) Toluene-d8	7.395	98	501504	9.763	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.63%	
87) 4-Bromofluorobenzene	10.753	95	180485	9.645	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.45%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.514	85	1814641	213.596	ug/L	99
3) Chloromethane	1.687	50	1596929	184.928	ug/L	100
4) Vinyl chloride	1.750	62	1877571	185.372	ug/L	99
5) Bromomethane	2.040	94	1344966	211.827	ug/L	98
6) Chloroethane	2.134	64	1091597	151.401	ug/L	97
7) Trichlorofluoromethane	2.275	101	1974405	211.769	ug/L	98
8) Ethyl ether	2.558	74	542482	208.741	ug/L	98
10) 1,1-Dichloroethene	2.738	96	1189734	207.068	ug/L	100
11) Carbon disulfide	2.769	76	3954292	202.908	ug/L	99
12) Freon-113	2.777	101	1212050	235.546	ug/L	99
13) Iodomethane	2.871	142	1760285	202.914	ug/L	98
14) Acrolein	3.036	56	99485	202.479	ug/L	92
15) Methylene chloride	3.264	84	1271545	191.946	ug/L	99
17) Acetone	3.303	43	165796	163.442	ug/L	90
18) trans-1,2-Dichloroethene	3.413	96	1313609	206.254	ug/L	99
19) Methyl acetate	3.413	43	412375	196.038	ug/L	97
21) Methyl tert-butyl ether	3.507	73	2438230	212.255	ug/L	98
22) tert-Butyl alcohol	3.585	59	250365	1071.172	ug/L	93
24) Diisopropyl ether	3.860	45	3321090	214.203	ug/L	99
25) 1,1-Dichloroethane	3.978	63	2308979	202.015	ug/L	99
26) Halothane	4.033	117	1021434	217.598	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A13.D
 Acq On : 14 Nov 2025 10:33 pm
 Operator : VOA122:PID
 Sample : I8260STD200PPB
 Misc : WG2142111,ICAL
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 15 11:59:49 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.009	53	239584	204.156	ug/L	100
28) Ethyl tert-butyl ether	4.197	59	3051414	224.716	ug/L	94
29) Vinyl acetate	4.205	43	1976198	263.090	ug/L	97
30) cis-1,2-Dichloroethene	4.480	96	1368594	201.650	ug/L	99
31) 2,2-Dichloropropane	4.582	77	1780275	204.364	ug/L	97
32) Bromochloromethane	4.668	128	607550	192.864	ug/L	99
33) Cyclohexane	4.684	56	2420964	251.043	ug/L	97
34) Chloroform	4.739	83	2234137	203.799	ug/L	99
35) Ethyl acetate	4.848	43	596491	205.678	ug/L	98
36) Carbon tetrachloride	4.880	117	1985211	220.050	ug/L	98
37) Tetrahydrofuran	4.888	42	183046M6	203.958	ug/L	
39) 1,1,1-Trichloroethane	4.943	97	2093894	210.875	ug/L	98
41) 2-Butanone	5.021	43	238727	217.701	ug/L #	54
42) 1,1-Dichloropropene	5.060	75	1804526	223.519	ug/L	100
44) Benzene	5.296	78	3224194	207.133	ug/L	99
45) tert-Amyl methyl ether	5.416	73	2579174	223.613	ug/L	97
47) 1,2-Dichloroethane	5.493	62	1382713	208.049	ug/L	100
50) Methyl cyclohexane	5.891	83	2554574	271.026	ug/L	99
51) Trichloroethene	5.891	95	1519835	230.535	ug/L	98
53) Dibromomethane	6.317	93	666482	218.040	ug/L	98
54) 1,2-Dichloropropane	6.421	63	1336055	210.679	ug/L	99
56) 2-Chloroethyl vinyl ether	7.124	63	506151	202.533	ug/L	96
57) Bromodichloromethane	6.491	83	1168727	203.334	ug/L	100
60) 1,4-Dioxane	6.707	88	88356	2477.138	ug/L	97
61) cis-1,3-Dichloropropene	7.186	75	1990019	227.367	ug/L	99
64) Toluene	7.450	92	3321887	212.372	ug/L	97
65) 4-Methyl-2-pentanone	7.881	58	232423	211.364	ug/L	92
66) Tetrachloroethene	7.895	166	1517255	221.089	ug/L	98
68) trans-1,3-Dichloropropene	7.930	75	1603835	229.219	ug/L	97
70) Ethyl methacrylate	8.131	69	1012938	204.539	ug/L	96
71) 1,1,2-Trichloroethane	8.111	83	747295	221.143	ug/L	99
72) Chlorodibromomethane	8.319	129	1226523	227.444	ug/L	99
73) 1,3-Dichloropropane	8.430	76	1486599	213.659	ug/L	98
74) 1,2-Dibromoethane	8.590	107	889577	213.428	ug/L	100
76) 2-Hexanone	8.882	43	382995	181.993	ug/L #	88
77) Chlorobenzene	9.246	112	3638093	204.477	ug/L	99
78) Ethylbenzene	9.295	91	6564321	203.991	ug/L	99
79) 1,1,1,2-Tetrachloroethane	9.337	131	1309985	222.158	ug/L	100
80) p/m Xylene	9.484	106	5510304	424.419	ug/L	96
81) o Xylene	10.031	106	5273306	426.786	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A13.D
 Acq On : 14 Nov 2025 10:33 pm
 Operator : VOA122:PID
 Sample : I8260STD200PPB
 Misc : WG2142111,ICAL
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 15 11:59:49 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 11:49:06 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82)	Styrene	10.101	104	8547661	421.811	ug/L	93
84)	Bromoform	10.115	173	751870	256.724	ug/L	100
86)	Isopropylbenzene	10.431	105	6840736	210.639	ug/L	98
88)	Bromobenzene	10.865	156	1498478	214.381	ug/L	100
89)	n-Propylbenzene	10.929	91	8153267	211.281	ug/L	97
90)	1,4-Dichlorobutane	10.929	55	1504977	221.715	ug/L	98
91)	1,1,2,2-Tetrachloroethane	11.013	83	986889	215.551	ug/L	100
92)	4-Ethyltoluene	11.062	105	6635128	206.559	ug/L	98
93)	2-Chlorotoluene	11.090	91	4431090M6	198.929	ug/L	
94)	1,3,5-Trimethylbenzene	11.167	105	5716746	210.433	ug/L	99
95)	1,2,3-Trichloropropane	11.146	75	789440	208.168	ug/L	98
96)	trans-1,4-Dichloro-2-b...	11.209	53	276570	215.867	ug/L	92
97)	4-Chlorotoluene	11.279	91	4749321	206.158	ug/L	100
98)	tert-Butylbenzene	11.511	119	4956955	215.488	ug/L	98
101)	1,2,4-Trimethylbenzene	11.588	105	5521540	210.508	ug/L	99
102)	sec-Butylbenzene	11.714	105	3814527	195.728	ug/L	98
103)	p-Isopropyltoluene	11.867	119	6000470	207.616	ug/L	96
104)	1,3-Dichlorobenzene	11.916	146	3023461	204.686	ug/L	100
105)	1,4-Dichlorobenzene	12.013	146	2983347	207.326	ug/L	99
106)	p-Diethylbenzene	12.243	119	3592511	219.561	ug/L	98
107)	n-Butylbenzene	12.306	91	5210668	212.424	ug/L	98
108)	1,2-Dichlorobenzene	12.438	146	2622455	207.918	ug/L	100
109)	1,2,4,5-Tetramethylben...	13.050	119	4813763	218.762	ug/L	98
110)	1,2-Dibromo-3-chloropr...	13.224	155	157037	212.184	ug/L	96
111)	1,3,5-Trichlorobenzene	13.266	180	1771846	215.985	ug/L	98
112)	Hexachlorobutadiene	13.851	225	656707	252.294	ug/L	99
113)	1,2,4-Trichlorobenzene	13.865	180	1472352	222.195	ug/L	98
114)	Naphthalene	14.157	128	3006723	201.984	ug/L	100
115)	1,2,3-Trichlorobenzene	14.324	180	1185447	214.607	ug/L	99

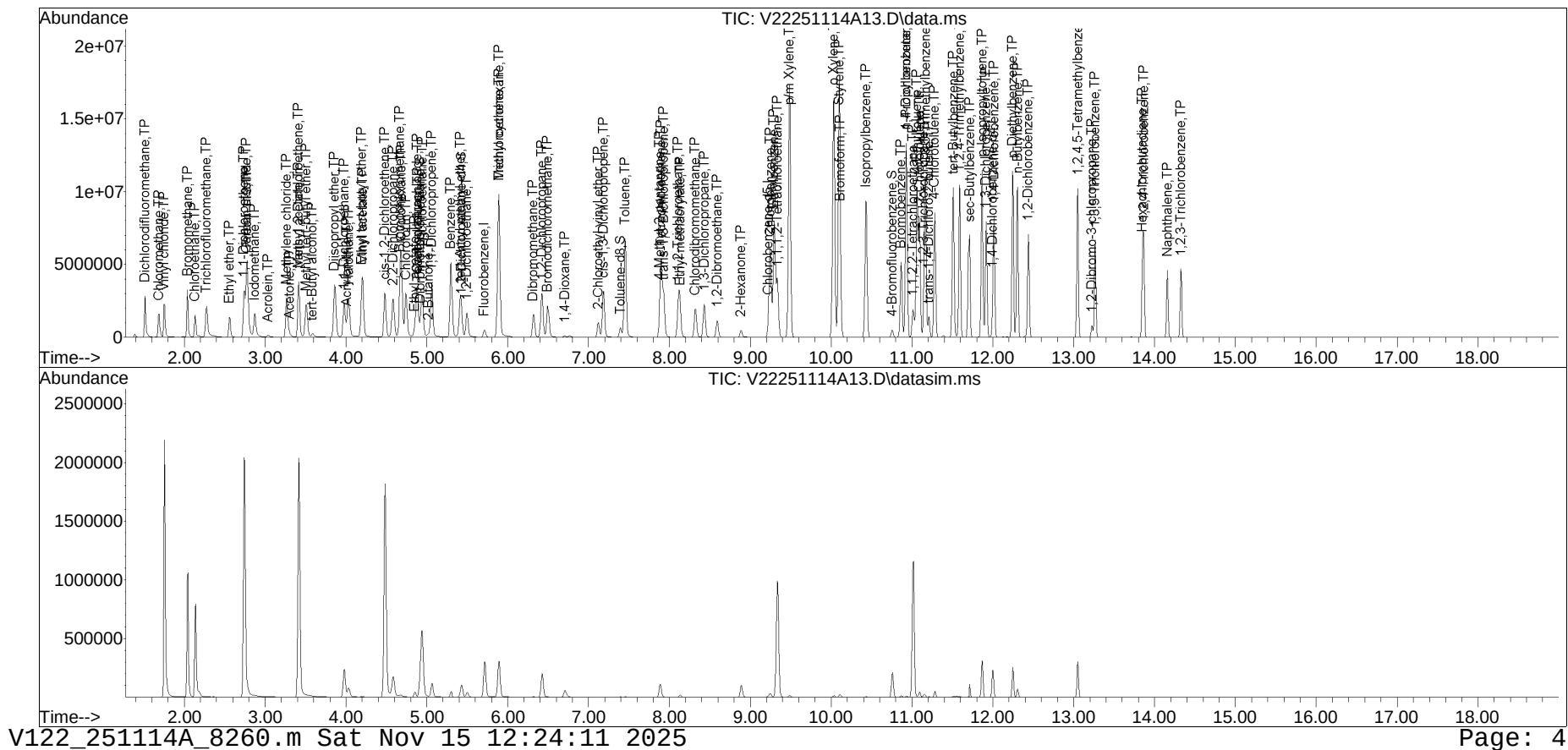
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : K:\VOA122\2025\251114ICAL\
Data File : V22251114A13.D
Acq On : 14 Nov 2025 10:33 pm
Operator : VOA122:PID
Sample : I8260STD200PPB
Misc : WG2142111, ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 15 11:59:49 2025
Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Nov 15 11:49:06 2025
Response via : Initial Calibration

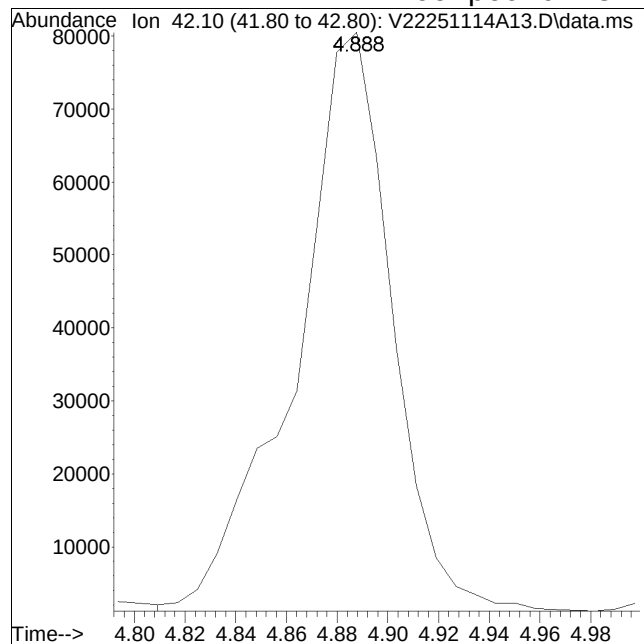
Sub List : 8260-Curve - Megamix plus Diox\V22251114A09.D•



Manual Integration Report

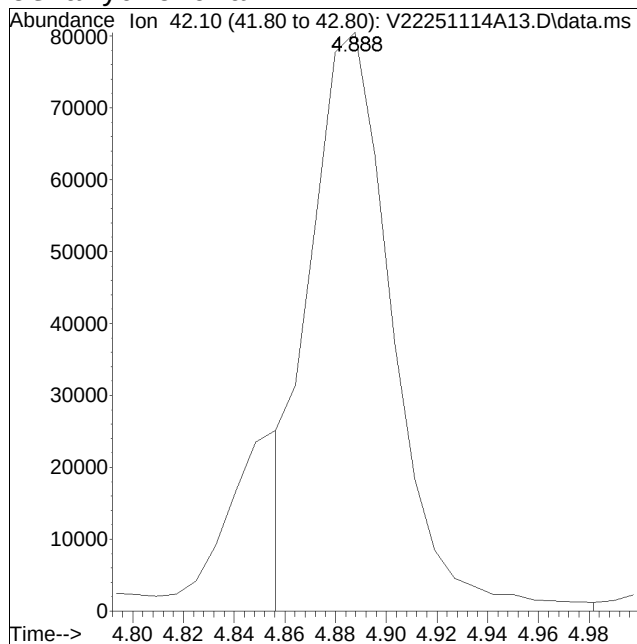
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A13.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 10:33 pm Instrument : VOA 122
Sample : I8260STD200PPB Quant Date : 11/15/2025 11:50 am

Compound #37: Tetrahydrofuran



Original Peak Response = 208670

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

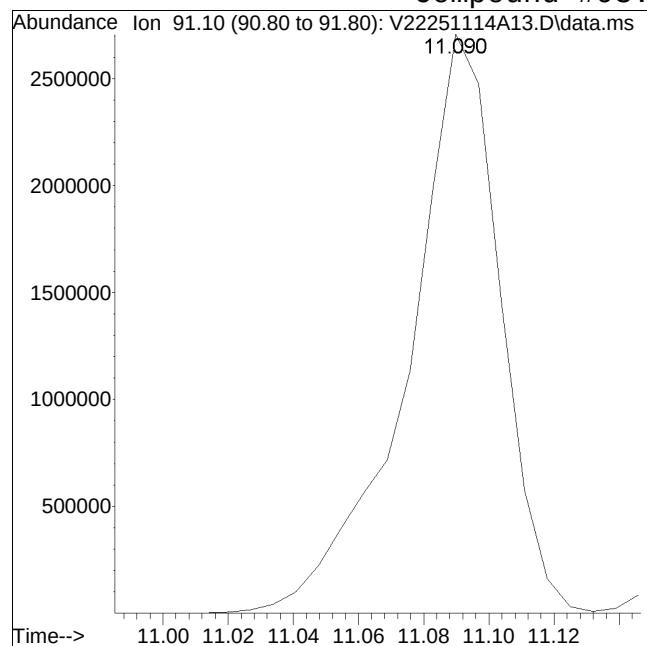


Manual Peak Response = 183046 M6

Manual Integration Report

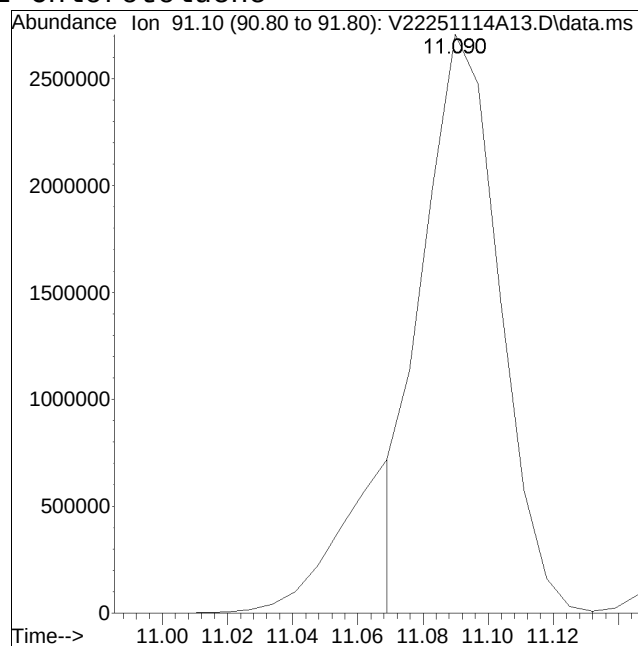
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A13.D Operator : VOA122:PID
Date Inj'd : 11/14/2025 10:33 pm Instrument : VOA 122
Sample : I8260STD200PPB Quant Date : 11/15/2025 11:50 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 5296127

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



Manual Peak Response = 4431090 M6

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A18.D
 Acq On : 15 Nov 2025 12:37 am
 Operator : VOA122:PID
 Sample : C8260STD10PPB
 Misc : WG2142111,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 15 12:04:18 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 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	102	0.00
2 TP	Dichlorodifluoromethane	0.170	0.162	4.7	98	0.00
3 TP	Chloromethane	0.164	0.173	-5.5	102	0.00
4 TP	Vinyl chloride	0.186	0.218	-17.2	110	0.00
5 TP	Bromomethane	0.130	0.164	-26.2#	132	0.00
6 TP	Chloroethane	0.142	0.153	-7.7	108	0.00
7 TP	Trichlorofluoromethane	0.185	0.224	-21.1#	123	0.00
8 TP	Ethyl ether	0.051	0.049	3.9	96	0.00
10 TP	1,1-Dichloroethene	0.111	0.124	-11.7	111	0.00
11 TP	Carbon disulfide	0.376	0.400	-6.4	105	0.00
12 TP	Freon-113	0.107	0.132	-23.4#	131	0.00
13 TP	Iodomethane	0.162	0.176	-8.6	104	0.00
14 TP	Acrolein	0.00997	0.01024	-2.7	107	0.00
15 TP	Methylene chloride	0.129	0.138	-7.0	106	0.00
17 TP	Acetone	* 10.000	8.803	12.0	91	0.00
18 TP	trans-1,2-Dichloroethene	0.124	0.134	-8.1	107	0.00
19 TP	Methyl acetate	0.043	0.041	4.7	100	0.00
21 TP	Methyl tert-butyl ether	0.228	0.201	11.8	90	0.00
22 TP	tert-Butyl alcohol	0.00485	0.00428#	11.8	94	0.00
24 TP	Diisopropyl ether	0.315	0.295	6.3	97	0.00
25 TP	1,1-Dichloroethane	0.223	0.239#	-7.2	107	0.00
26 TP	Halothane	0.093	0.104	-11.8	113	0.00
27 TP	Acrylonitrile	0.024	0.023	4.2	98	0.00
28 TP	Ethyl tert-butyl ether	0.280	0.263	6.1	99	0.00
29 TP	Vinyl acetate	0.168	0.141	16.1	96	0.00
30 TP	cis-1,2-Dichloroethene	0.132	0.140#	-6.1	106	0.00
31 TP	2,2-Dichloropropane	0.173	0.184	-6.4	108	0.00
32 TP	Bromochloromethane	0.061	0.063#	-3.3	102	0.00
33 TP	Cyclohexane	0.215	0.233	-8.4	124	0.00
34 TP	Chloroform	0.225	0.230#	-2.2	107	0.00
35 TP	Ethyl acetate	0.059	0.057	3.4	100	0.00
36 TP	Carbon tetrachloride	0.173	0.196	-13.3	111	0.00
37 TP	Tetrahydrofuran	0.018	0.018	0.0	100	0.00
38 S	Dibromofluoromethane	0.265	0.260	1.9	99	0.00
39 TP	1,1,1-Trichloroethane	0.195	0.217	-11.3	112	0.00
41 TP	2-Butanone	0.023	0.026	-13.0	123	0.00
42 TP	1,1-Dichloropropene	0.162	0.180	-11.1	114	0.00
44 TP	Benzene	0.310	0.342	-10.3	112	0.00
45 TP	tert-Amyl methyl ether	0.240	0.213	11.2	94	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A18.D
 Acq On : 15 Nov 2025 12:37 am
 Operator : VOA122:PID
 Sample : C8260STD10PPB
 Misc : WG2142111,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 15 12:04:18 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 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)
46 S	1,2-Dichloroethane-d4	0.256	0.255	0.4	102	0.00
47 T	1,2-Dichloroethane	0.134	0.139	-3.7	107	0.00
50 TP	Methyl cyclohexane	0.228	0.235	-3.1	127	0.00
51 TP	Trichloroethene	0.138	0.138#	0.0	107	0.00
53 TP	Dibromomethane	0.062	0.063	-1.6	106	0.00
54 TP	1,2-Dichloropropane	0.122	0.131#	-7.4	105	0.00
56 TP	2-Chloroethyl vinyl ether	0.049	0.047	4.1	96	0.00
57 TP	Bromodichloromethane	0.114	0.112#	1.8	100	0.00
60 TP	1,4-Dioxane	0.00073	0.00069#	5.5	98	0.00
61 TP	cis-1,3-Dichloropropene	0.176	0.185#	-5.1	108	0.00
62 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
63 S	Toluene-d8	1.292	1.307	-1.2	101	0.00
64 TP	Toluene	0.396	0.428	-8.1	109	0.00
65 TP	4-Methyl-2-pentanone	0.029	0.027#	6.9	97	0.00
66 TP	Tetrachloroethene	0.168	0.191	-13.7	110	0.00
68 TP	trans-1,3-Dichloropropene	0.181	0.186#	-2.8	106	0.00
70 TP	Ethyl methacrylate	0.128	0.117	8.6	94	0.00
71 TP	1,1,2-Trichloroethane	0.091	0.090#	1.1	105	0.00
72 TP	Chlorodibromomethane	0.142	0.142#	0.0	104	0.00
73 TP	1,3-Dichloropropane	0.180	0.184	-2.2	105	0.00
74 TP	1,2-Dibromoethane	0.108	0.110#	-1.9	105	0.00
76 TP	2-Hexanone	0.052	0.048	7.7	90	0.00
77 TP	Chlorobenzene	0.450	0.481	-6.9	107	0.00
78 TP	Ethylbenzene	0.807	0.872	-8.1	108	0.00
79 TP	1,1,1,2-Tetrachloroethane	0.154	0.158	-2.6	106	0.00
80 TP	p/m Xylene	0.327	0.352	-7.6	108	0.00
81 TP	o Xylene	0.316	0.318	-0.6	102	0.00
82 TP	Styrene	0.516	0.526	-1.9	103	0.00
83 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
84 TP	Bromoform	0.153	0.140	8.5	103	0.00
86 TP	Isopropylbenzene	1.531	1.611	-5.2	107	0.00
87 S	4-Bromofluorobenzene	0.875	0.874	0.1	101	0.00
88 TP	Bromobenzene	0.334	0.355	-6.3	109	0.00
89 TP	n-Propylbenzene	1.831	1.959	-7.0	109	0.00
90 TP	1,4-Dichlorobutane	0.346	0.313	9.5	99	0.00
91 TP	1,1,2,2-Tetrachloroethane	0.227	0.214	5.7	101	0.00
92 TP	4-Ethyltoluene	1.511	1.531	-1.3	103	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A18.D
 Acq On : 15 Nov 2025 12:37 am
 Operator : VOA122:PID
 Sample : C8260STD10PPB
 Misc : WG2142111,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 15 12:04:18 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 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)
93 TP	2-Chlorotoluene	1.045	1.111	-6.3	107	0.00
94 TP	1,3,5-Trimethylbenzene	1.287	1.351	-5.0	107	0.00
95 TP	1,2,3-Trichloropropane	0.180	0.183	-1.7	104	0.00
96 TP	trans-1,4-Dichloro-2-butene	0.064	0.062	3.1	104	0.00
97 TP	4-Chlorotoluene	1.091	1.145	-4.9	107	0.00
98 TP	tert-Butylbenzene	1.104	1.167	-5.7	109	0.00
101 TP	1,2,4-Trimethylbenzene	1.248	1.376	-10.3	113	0.00
102 TP	sec-Butylbenzene	0.897	0.992	-10.6	110	0.00
103 TP	p-Isopropyltoluene	1.354	1.457	-7.6	109	0.00
104 TP	1,3-Dichlorobenzene	0.693	0.745	-7.5	109	0.00
105 TP	1,4-Dichlorobenzene	0.684	0.719	-5.1	108	0.00
106 TP	p-Diethylbenzene	0.783	0.748	4.5	98	0.00
107 TP	n-Butylbenzene	1.175	1.255	-6.8	110	0.00
108 TP	1,2-Dichlorobenzene	0.602	0.640	-6.3	109	0.00
109 TP	1,2,4,5-Tetramethylbenzene	1.054	1.040	1.3	102	0.00
110 TP	1,2-Dibromo-3-chloropropane	0.034	0.034	0.0	99	0.00
111 TP	1,3,5-Trichlorobenzene	0.396	0.392	1.0	103	0.00
112 TP	Hexachlorobutadiene	0.136	0.151	-11.0	125	0.00
113 TP	1,2,4-Trichlorobenzene	0.326	0.332#	-1.8	108	0.00
114 TP	Naphthalene	0.704	0.723	-2.7	105	0.00
115 TP	1,2,3-Trichlorobenzene	0.267	0.275#	-3.0	107	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 17 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A18.D
 Acq On : 15 Nov 2025 12:37 am
 Operator : VOA122:PID
 Sample : C8260STD10PPB
 Misc : WG2142111,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 15 12:04:18 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.709	96	439948	10.000	ug/L	0.00
Standard Area 1 = 432596			Recovery	=	101.70%	
62) Chlorobenzene-d5	9.225	117	348102	10.000	ug/L	0.00
Standard Area 1 = 345288			Recovery	=	100.81%	
83) 1,4-Dichlorobenzene-d4	11.992	152	192218	10.000	ug/L	0.00
Standard Area 1 = 189494			Recovery	=	101.44%	
System Monitoring Compounds						
38) Dibromofluoromethane	4.911	113	114450	9.798	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.98%	
46) 1,2-Dichloroethane-d4	5.430	65	112248	9.953	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.53%	
63) Toluene-d8	7.395	98	454839	10.110	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.10%	
87) 4-Bromofluorobenzene	10.753	95	167955	9.980	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.80%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.514	85	71414	9.555	ug/L	99
3) Chloromethane	1.687	50	76108	10.531	ug/L	100
4) Vinyl chloride	1.757	62	95735	11.715	ug/L	100
5) Bromomethane	2.040	94	72217	12.586	ug/L	98
6) Chloroethane	2.142	64	67269	10.806	ug/L	99
7) Trichlorofluoromethane	2.275	101	98591	12.087	ug/L	99
8) Ethyl ether	2.558	74	21459	9.567	ug/L	99
10) 1,1-Dichloroethene	2.738	96	54746	11.215	ug/L	99
11) Carbon disulfide	2.769	76	175772	10.637	ug/L	100
12) Freon-113	2.777	101	57941	12.318	ug/L	99
13) Iodomethane	2.871	142	77459	10.851	ug/L	99
14) Acrolein	3.036	56	4503	10.265	ug/L	92
15) Methylene chloride	3.272	84	60654	10.688	ug/L	99
17) Acetone	3.303	43	7928	8.803	ug/L	93
18) trans-1,2-Dichloroethene	3.413	96	58803	10.785	ug/L	100
19) Methyl acetate	3.421	43	18042	9.615	ug/L	98
21) Methyl tert-butyl ether	3.507	73	88524	8.827	ug/L	100
22) tert-Butyl alcohol	3.585	59	9405	44.092	ug/L	92
24) Diisopropyl ether	3.860	45	129618	9.344	ug/L	99
25) 1,1-Dichloroethane	3.978	63	104965	10.694	ug/L	99
26) Halothane	4.033	117	45751	11.141	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A18.D
 Acq On : 15 Nov 2025 12:37 am
 Operator : VOA122:PID
 Sample : C8260STD10PPB
 Misc : WG2142111,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 15 12:04:18 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.009	53	9915	9.347	ug/L	95
28) Ethyl tert-butyl ether	4.197	59	115596	9.398	ug/L	98
29) Vinyl acetate	4.205	43	61833	8.376	ug/L	99
30) cis-1,2-Dichloroethene	4.480	96	61679	10.658	ug/L	98
31) 2,2-Dichloropropane	4.582	77	80750	10.593	ug/L	97
32) Bromochloromethane	4.668	128	27687	10.356	ug/L	98
33) Cyclohexane	4.684	56	102658	10.875	ug/L	99
34) Chloroform	4.739	83	101066	10.226	ug/L	100
35) Ethyl acetate	4.848	43	25007	9.698	ug/L	99
36) Carbon tetrachloride	4.880	117	86424	11.356	ug/L	99
37) Tetrahydrofuran	4.888	42	7720M6	9.487	ug/L	
39) 1,1,1-Trichloroethane	4.935	97	95272	11.120	ug/L	99
41) 2-Butanone	5.029	43	11635	11.572	ug/L	93
42) 1,1-Dichloropropene	5.060	75	79166	11.124	ug/L	99
44) Benzene	5.296	78	150441	11.017	ug/L	98
45) tert-Amyl methyl ether	5.416	73	93570	8.873	ug/L	99
47) 1,2-Dichloroethane	5.493	62	61029	10.315	ug/L	99
50) Methyl cyclohexane	5.884	83	103255	10.292	ug/L	97
51) Trichloroethene	5.891	95	60682	10.027	ug/L	99
53) Dibromomethane	6.317	93	27781	10.126	ug/L	99
54) 1,2-Dichloropropane	6.421	63	57429	10.670	ug/L	93
56) 2-Chloroethyl vinyl ether	7.124	63	20540	9.603	ug/L	97
57) Bromodichloromethane	6.491	83	49314	9.809	ug/L	99
60) 1,4-Dioxane	6.707	88	15089	467.653	ug/L	97
61) cis-1,3-Dichloropropene	7.186	75	81430	10.535	ug/L	98
64) Toluene	7.450	92	148886	10.797	ug/L	98
65) 4-Methyl-2-pentanone	7.881	58	9395	9.444	ug/L	95
66) Tetrachloroethene	7.895	166	66407	11.361	ug/L	100
68) trans-1,3-Dichloropropene	7.930	75	64806	10.289	ug/L	100
70) Ethyl methacrylate	8.131	69	40850	9.135	ug/L	94
71) 1,1,2-Trichloroethane	8.111	83	31180	9.874	ug/L	99
72) Chlorodibromomethane	8.319	129	49322	9.986	ug/L	97
73) 1,3-Dichloropropane	8.430	76	64173	10.250	ug/L	98
74) 1,2-Dibromoethane	8.590	107	38293	10.207	ug/L	99
76) 2-Hexanone	8.889	43	16609	9.195	ug/L	91
77) Chlorobenzene	9.246	112	167492	10.689	ug/L	99
78) Ethylbenzene	9.295	91	303623	10.802	ug/L	99
79) 1,1,1,2-Tetrachloroethane	9.330	131	54870	10.255	ug/L	99
80) p/m Xylene	9.484	106	244916	21.502	ug/L	100
81) o Xylene	10.024	106	221120	20.108	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A18.D
 Acq On : 15 Nov 2025 12:37 am
 Operator : VOA122:PID
 Sample : C8260STD10PPB
 Misc : WG2142111,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 15 12:04:18 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251114AICAL\V22251114A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82)	Styrene	10.094	104	366000	20.385	ug/L	100
84)	Bromoform	10.108	173	26846	9.107	ug/L	99
86)	Isopropylbenzene	10.431	105	309599	10.523	ug/L	100
88)	Bromobenzene	10.865	156	68208	10.619	ug/L	99
89)	n-Propylbenzene	10.922	91	376620	10.698	ug/L	100
90)	1,4-Dichlorobutane	10.929	55	60207	9.046	ug/L	100
91)	1,1,2,2-Tetrachloroethane	11.013	83	41201	9.430	ug/L	98
92)	4-Ethyltoluene	11.055	105	294283	10.135	ug/L	99
93)	2-Chlorotoluene	11.090	91	213643M6	10.638	ug/L	
94)	1,3,5-Trimethylbenzene	11.160	105	259703	10.498	ug/L	100
95)	1,2,3-Trichloropropane	11.146	75	35140	10.152	ug/L	99
96)	trans-1,4-Dichloro-2-b...	11.202	53	11857	9.609	ug/L	95
97)	4-Chlorotoluene	11.279	91	220071	10.491	ug/L	100
98)	tert-Butylbenzene	11.511	119	224235	10.565	ug/L	100
101)	1,2,4-Trimethylbenzene	11.588	105	264519	11.029	ug/L	99
102)	sec-Butylbenzene	11.693	105	190774	11.061	ug/L	99
103)	p-Isopropyltoluene	11.860	119	280100	10.762	ug/L	99
104)	1,3-Dichlorobenzene	11.916	146	143175	10.745	ug/L	98
105)	1,4-Dichlorobenzene	12.013	146	138141	10.512	ug/L	99
106)	p-Diethylbenzene	12.243	119	143799	9.556	ug/L	99
107)	n-Butylbenzene	12.299	91	241163	10.679	ug/L	99
108)	1,2-Dichlorobenzene	12.438	146	123014	10.629	ug/L	99
109)	1,2,4,5-Tetramethylben...	13.043	119	199970	9.873	ug/L	100
110)	1,2-Dibromo-3-chloropr...	13.224	155	6538	9.959	ug/L	97
111)	1,3,5-Trichlorobenzene	13.266	180	75356	9.903	ug/L	99
112)	Hexachlorobutadiene	13.851	225	29039	11.131	ug/L	99
113)	1,2,4-Trichlorobenzene	13.865	180	63808	10.177	ug/L	98
114)	Naphthalene	14.157	128	138937	10.265	ug/L	100
115)	1,2,3-Trichlorobenzene	14.324	180	52849	10.284	ug/L	99

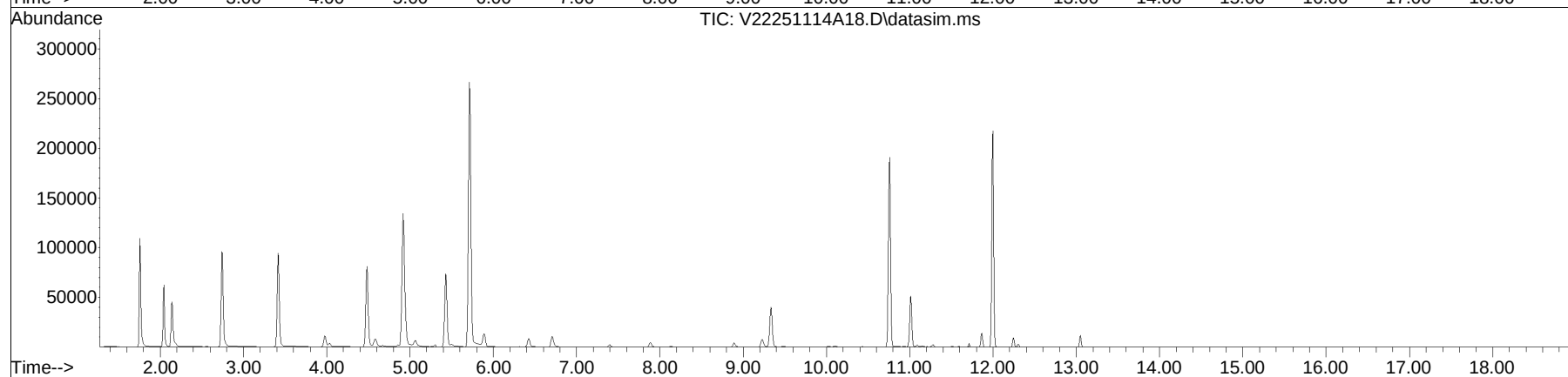
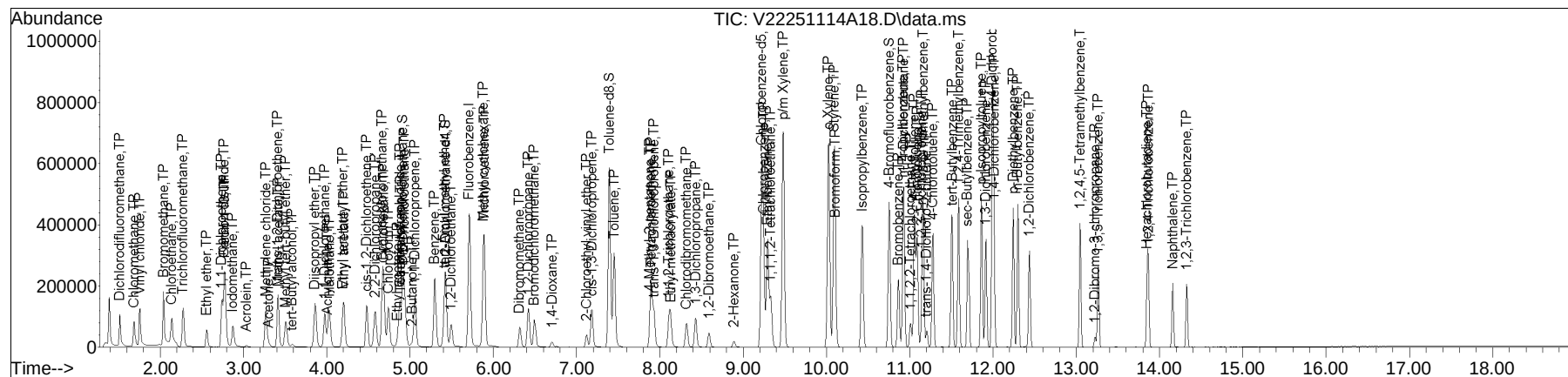
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251114AICAL\
 Data File : V22251114A18.D
 Acq On : 15 Nov 2025 12:37 am
 Operator : VOA122:PID
 Sample : C8260STD10PPB
 Misc : WG2142111,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 15 12:04:18 2025
 Quant Method : K:\VOA122\2025\251114AICAL\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\V22251114A09.D•



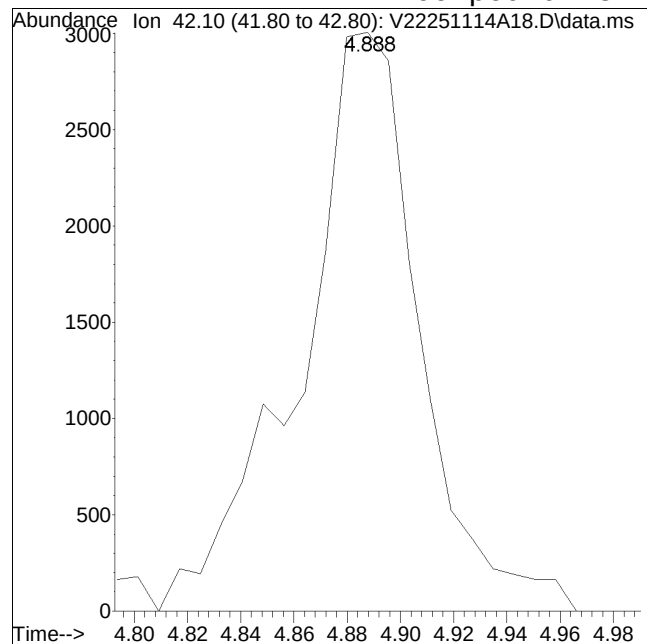
V122_251114A_8260.m Sat Nov 15 12:24:28 2025

Page: 4

Manual Integration Report

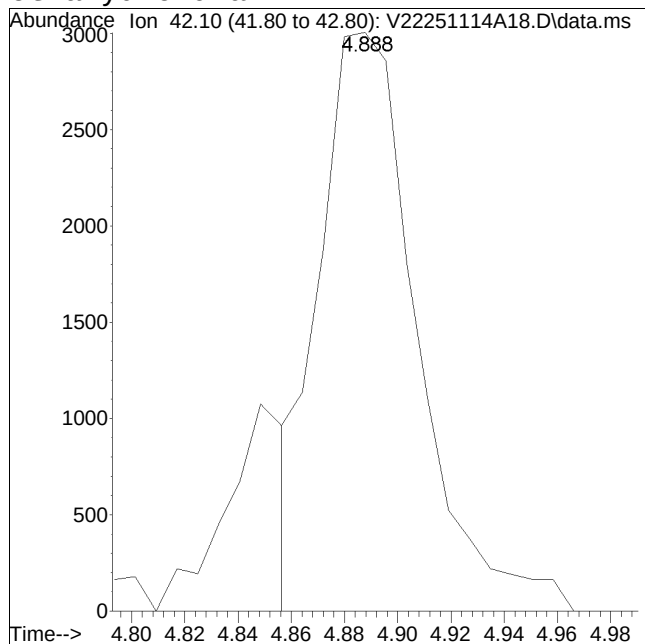
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A18.D Operator : VOA122:PID
Date Inj'd : 11/15/2025 12:37 am Instrument : VOA 122
Sample : C8260STD10PPB Quant Date : 11/15/2025 12:03 pm

Compound #37: Tetrahydrofuran



Original Peak Response = 9403

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

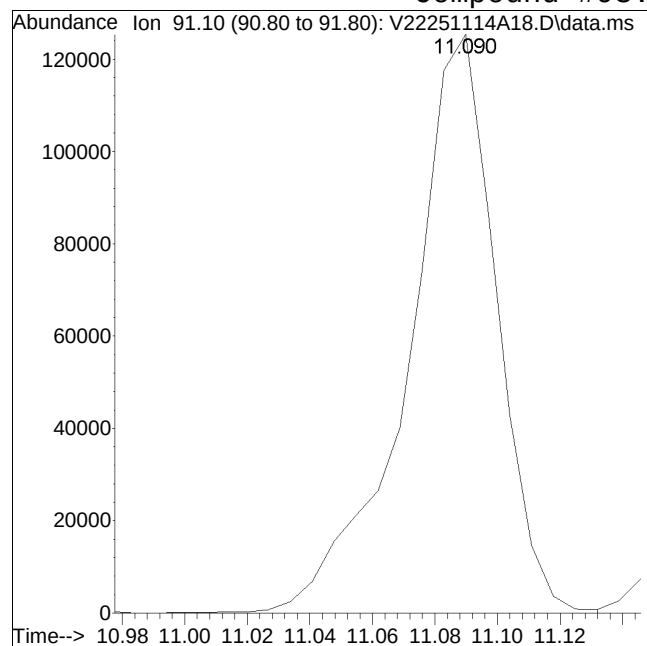


Manual Peak Response = 7720 M6

Manual Integration Report

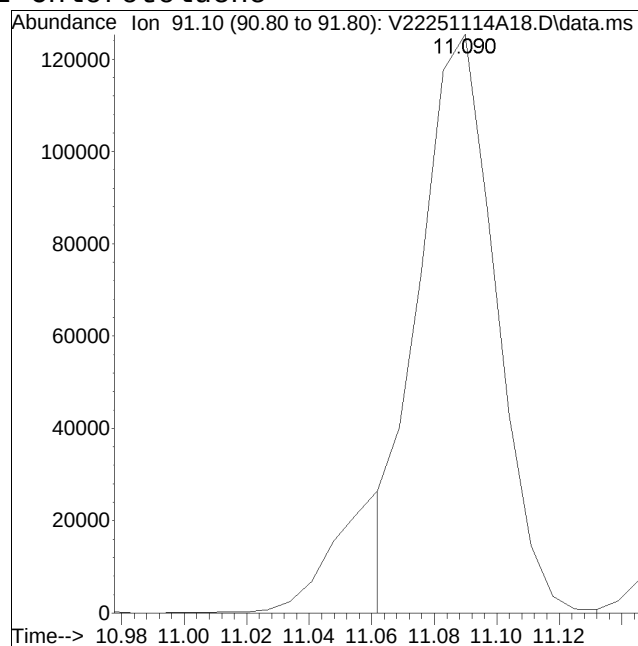
Data Path : K:\VOA122\2025\251114AICALQMethod : V122_251114A_8260.m
Data File : V22251114A18.D Operator : VOA122:PID
Date Inj'd : 11/15/2025 12:37 am Instrument : VOA 122
Sample : C8260STD10PPB Quant Date : 11/15/2025 12:03 pm

Compound #93: 2-Chlorotoluene



Original Peak Response = 244799

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



Manual Peak Response = 213643 M6

Method Path : K:\VOA122\2025\251114AICAL\
Method File : V122_251114A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Sat Nov 15 12:03:11 2025

COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
17 TP Acetone	L	ug/L	10.0	10.116	1.2	2.00	2.006	0.3

Calibration Correlation Report

COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
17 TP Acetone	Linear	0.999445	0.000000	0.0164051	0.00357813

Continuing Calibration

Calibration Verification Summary

Form 7

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : ELAINE
 Lab File ID : VE251213B01
 Sample No : WG2154750-2
 Channel :

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Calibration Date : 12/13/25 09:34
 Init. Calib. Date(s) : 11/10/25 11/11/25
 Init. Calib. Times : 21:41 01:18

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	107	0
Dichlorodifluoromethane	0.328	0.301	-	8.2	20	78	0
Chloromethane	0.438	0.402	-	8.2	20	85	0
Vinyl chloride	0.341	0.333	-	2.3	20	83	0
Bromomethane	0.156	0.159	-	-1.9	20	115	0
Chloroethane	0.222	0.259	-	-16.7	20	104	0
Trichlorofluoromethane	0.404	0.433	-	-7.2	20	90	0
1,1-Dichloroethene	0.223	0.259	-	-16.1	20	106	0
Carbon disulfide	0.755	0.984	-	-30.3*	20	119	0
Freon-113	0.212	0.241	-	-13.7	20	101	0
Methylene chloride	0.271	0.255	-	5.9	20	92	0
Acetone	0.088	0.071	-	19.3	20	80	0
trans-1,2-Dichloroethene	0.213	0.189	-	11.3	20	84	0
Methyl acetate	0.158	0.141	-	10.8	20	97	0
Methyl tert-butyl ether	0.495	0.37	-	25.3*	20	87	0
tert-Butyl alcohol	0.016	0.015	-	6.3	20	98	0
1,1-Dichloroethane	0.573	0.555	-	3.1	20	91	0
cis-1,2-Dichloroethene	0.256	0.228	-	10.9	20	87	0
Bromochloromethane	0.112	0.097*	-	13.4	20	83	0
Cyclohexane	0.55	0.519	-	5.6	20	89	0
Chloroform	10	8.954	-	10.5	20	86	0
Carbon tetrachloride	0.273	0.25	-	8.4	20	86	0
Dibromofluoromethane	0.276	0.26	-	5.8	20	96	0
1,1,1-Trichloroethane	0.345	0.313	-	9.3	20	87	0
2-Butanone	0.11	0.074	-	32.7*	20	73	0
Benzene	0.927	0.862	-	7	20	93	-.01
1,2-Dichloroethane-d4	0.376	0.337	-	10.4	20	92	0
1,2-Dichloroethane	0.383	0.327	-	14.6	20	92	-.01
Methyl cyclohexane	0.378	0.344	-	9	20	99	0
Trichloroethene	0.224	0.192*	-	14.3	20	89	-.01
1,2-Dichloropropane	0.294	0.248	-	15.6	20	91	0
Bromodichloromethane	0.318	0.27*	-	15.1	20	94	-.01
1,4-Dioxane	0.00178	0.00152*	-	14.6	20	90	0
cis-1,3-Dichloropropene	0.35	0.302	-	13.7	20	93	0
Chlorobenzene-d5	1	1	-	0	20	111	0
Toluene-d8	1.338	1.358	-	-1.5	20	110	0
Toluene	0.742	0.68	-	8.4	20	96	0
4-Methyl-2-pentanone	0.096	0.069	-	28.1*	20	85	0
Tetrachloroethene	10	8.946	-	10.5	20	95	0
trans-1,3-Dichloropropene	10	6.983	-	30.2*	20	90	-.01
1,1,2-Trichloroethane	0.193	0.158*	-	18.1	20	96	0
Chlorodibromomethane	0.259	0.187*	-	27.8*	20	85	0
1,2-Dibromoethane	0.229	0.173*	-	24.5*	20	90	-.01

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Haley & Aldrich
Project Name : 340 MYRTLE AVE
Instrument ID : ELAINE
Lab File ID : VE251213B01
Sample No : WG2154750-2
Channel :

Lab Number : L2578239
Project Number : 0210873-001-001-07
Calibration Date : 12/13/25 09:34
Init. Calib. Date(s) : 11/10/25 11/11/25
Init. Calib. Times : 21:41 01:18

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
2-Hexanone	0.23	0.171	-	25.7*	20	85	0
Chlorobenzene	0.83	0.782	-	5.8	20	98	0
Ethylbenzene	1.55	1.443	-	6.9	20	95	0
p/m Xylene	0.605	0.555	-	8.3	20	94	0
o Xylene	0.6	0.557	-	7.2	20	99	0
Styrene	1.047	0.898	-	14.2	20	96	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	104	0
Bromoform	10	7.171	-	28.3*	20	91	0
Isopropylbenzene	2.912	2.742	-	5.8	20	94	0
4-Bromofluorobenzene	0.953	0.96	-	-0.7	20	105	0
1,1,2,2-Tetrachloroethane	0.549	0.479	-	12.8	20	94	0
1,3-Dichlorobenzene	1.325	1.252	-	5.5	20	96	0
1,4-Dichlorobenzene	1.314	1.195	-	9.1	20	93	0
1,2-Dichlorobenzene	1.23	1.106	-	10.1	20	90	0
1,2-Dibromo-3-chloropropan	10	7.77	-	22.3*	20	81	0
1,2,4-Trichlorobenzene	0.666	0.571	-	14.3	20	88	0
1,2,3-Trichlorobenzene	0.581	0.488	-	16	20	90	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : VOA122
 Lab File ID : V22251215B01
 Sample No : WG2154825-2
 Channel :

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Calibration Date : 12/15/25 10:40
 Init. Calib. Date(s) : 11/14/25 11/14/25
 Init. Calib. Times : 18:51 22:33

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	109	0
Dichlorodifluoromethane	0.17	0.175	-	-2.9	20	113	0
Chloromethane	0.164	0.184	-	-12.2	20	117	0
Vinyl chloride	0.186	0.186	-	0	20	101	0
Bromomethane	0.13	0.098	-	24.6*	20	85	0
Chloroethane	0.142	0.129	-	9.2	20	98	0
Trichlorofluoromethane	0.185	0.23	-	-24.3*	20	135	0
Ethyl ether	0.051	0.045	-	11.8	20	95	0
1,1-Dichloroethene	0.111	0.129	-	-16.2	20	123	0
Carbon disulfide	0.376	0.463	-	-23.1*	20	130	0
Freon-113	0.107	0.135	-	-26.2*	20	144	0
Acrolein	0.00997	0.00901*	-	9.6	20	101	0
Methylene chloride	0.129	0.149	-	-15.5	20	123	0
Acetone	10	10.385	-	-3.8	20	112	0
trans-1,2-Dichloroethene	0.124	0.141	-	-13.7	20	121	0
Methyl acetate	0.043	0.049	-	-14	20	127	0
Methyl tert-butyl ether	0.228	0.179	-	21.5*	20	86	0
tert-Butyl alcohol	0.00485	0.00395*	-	18.6	20	93	0
Diisopropyl ether	0.315	0.333	-	-5.7	20	118	0
1,1-Dichloroethane	0.223	0.254*	-	-13.9	20	122	0
Halothane	0.093	0.105	-	-12.9	20	122	0
Acrylonitrile	0.024	0.026	-	-8.3	20	122	0
Ethyl tert-butyl ether	0.28	0.24	-	14.3	20	97	0
Vinyl acetate	0.168	0.186	-	-10.7	20	136	0
cis-1,2-Dichloroethene	0.132	0.145*	-	-9.8	20	118	0
2,2-Dichloropropane	0.173	0.195	-	-12.7	20	123	0
Bromochloromethane	0.061	0.071*	-	-16.4	20	123	0
Cyclohexane	0.215	0.228	-	-6	20	130	0
Chloroform	0.225	0.233*	-	-3.6	20	117	0
Ethyl acetate	0.059	0.059	-	0	20	111	0
Carbon tetrachloride	0.173	0.193	-	-11.6	20	118	0
Tetrahydrofuran	0.018	0.019	-	-5.6	20	116	0
Dibromofluoromethane	0.265	0.287	-	-8.3	20	118	0
1,1,1-Trichloroethane	0.195	0.213	-	-9.2	20	118	0
2-Butanone	0.023	0.025	-	-8.7	20	124	0
1,1-Dichloropropene	0.162	0.15	-	7.4	20	102	0
Benzene	0.31	0.359	-	-15.8	20	127	0
tert-Amyl methyl ether	0.24	0.171	-	28.7*	20	81	0
1,2-Dichloroethane-d4	0.256	0.249	-	2.7	20	106	0
1,2-Dichloroethane	0.134	0.138	-	-3	20	114	0
Methyl cyclohexane	0.228	0.198	-	13.2	20	115	0
Trichloroethene	0.138	0.131*	-	5.1	20	109	0
Dibromomethane	0.062	0.066	-	-6.5	20	118	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : VOA122
 Lab File ID : V22251215B01
 Sample No : WG2154825-2
 Channel :

Lab Number : L2578239
 Project Number : 0210873-001-001-07
 Calibration Date : 12/15/25 10:40
 Init. Calib. Date(s) : 11/14/25 11/14/25
 Init. Calib. Times : 18:51 22:33

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.122	0.129*	-	-5.7	20	112	0
Bromodichloromethane	0.114	0.127*	-	-11.4	20	121	0
1,4-Dioxane	0.00073	0.0006*	-	17.8	20	92	0
cis-1,3-Dichloropropene	0.176	0.161*	-	8.5	20	101	0
Chlorobenzene-d5	1	1	-	0	20	112	0
Toluene-d8	1.292	1.265	-	2.1	20	109	0
Toluene	0.396	0.41	-	-3.5	20	116	0
4-Methyl-2-pentanone	0.029	0.021*	-	27.6*	20	84	0
Tetrachloroethene	0.168	0.193	-	-14.9	20	124	0
trans-1,3-Dichloropropene	0.181	0.16*	-	11.6	20	101	0
Ethyl methacrylate	0.128	0.08	-	37.5*	20	71	0
1,1,2-Trichloroethane	0.091	0.084*	-	7.7	20	110	0
Chlorodibromomethane	0.142	0.139*	-	2.1	20	114	0
1,3-Dichloropropane	0.18	0.162	-	10	20	103	0
1,2-Dibromoethane	0.108	0.104*	-	3.7	20	110	0
2-Hexanone	0.052	0.038	-	26.9*	20	80	0
Chlorobenzene	0.45	0.484	-	-7.6	20	120	0
Ethylbenzene	0.807	0.783	-	3	20	107	0
1,1,1,2-Tetrachloroethane	0.154	0.154	-	0	20	115	0
p/m Xylene	0.327	0.316	-	3.4	20	107	0
o Xylene	0.316	0.297	-	6	20	106	0
Styrene	0.516	0.505	-	2.1	20	110	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	113	0
Bromoform	0.153	0.146	-	4.6	20	120	0
Isopropylbenzene	1.531	1.459	-	4.7	20	108	0
4-Bromofluorobenzene	0.875	0.808	-	7.7	20	104	0
Bromobenzene	0.334	0.35	-	-4.8	20	120	0
n-Propylbenzene	1.831	1.778	-	2.9	20	111	0
1,4-Dichlorobutane	0.346	0.349	-	-0.9	20	124	0
1,1,2,2-Tetrachloroethane	0.227	0.227	-	0	20	119	0
4-Ethyltoluene	1.511	1.504	-	0.5	20	113	0
2-Chlorotoluene	1.045	1.08	-	-3.3	20	117	0
1,3,5-Trimethylbenzene	1.287	1.237	-	3.9	20	109	0
1,2,3-Trichloropropane	0.18	0.165	-	8.3	20	104	0
trans-1,4-Dichloro-2-buten	0.064	0.065	-	-1.6	20	122	0
4-Chlorotoluene	1.091	1.073	-	1.6	20	112	0
tert-Butylbenzene	1.104	1.053	-	4.6	20	110	0
1,2,4-Trimethylbenzene	1.248	1.186	-	5	20	109	0
sec-Butylbenzene	0.897	1.01	-	-12.6	20	125	0
p-Isopropyltoluene	1.354	1.332	-	1.6	20	111	0
1,3-Dichlorobenzene	0.693	0.764	-	-10.2	20	124	0
1,4-Dichlorobenzene	0.684	0.738	-	-7.9	20	123	0
p-Diethylbenzene	0.783	0.771	-	1.5	20	113	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Haley & Aldrich
Project Name : 340 MYRTLE AVE
Instrument ID : VOA122
Lab File ID : V22251215B01
Sample No : WG2154825-2
Channel :

Lab Number : L2578239
Project Number : 0210873-001-001-07
Calibration Date : 12/15/25 10:40
Init. Calib. Date(s) : 11/14/25 11/14/25
Init. Calib. Times : 18:51 22:33

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.175	1.223	-	-4.1	20	120	0
1,2-Dichlorobenzene	0.602	0.636	-	-5.6	20	121	0
1,2,4,5-Tetramethylbenzene	1.054	0.959	-	9	20	105	0
1,2-Dibromo-3-chloropropan	0.034	0.034	-	0	20	111	0
1,3,5-Trichlorobenzene	0.396	0.431	-	-8.8	20	126	0
Hexachlorobutadiene	0.136	0.157	-	-15.4	20	145	0
1,2,4-Trichlorobenzene	0.326	0.317*	-	2.8	20	115	0
Naphthalene	0.704	0.589	-	16.3	20	95	0
1,2,3-Trichlorobenzene	0.267	0.269*	-	-0.7	20	117	0

* Value outside of QC limits.



Evaluate Continuing Calibration Report

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B01.D
 Acq On : 13 Dec 2025 9:34 am
 Operator : ELAINE:PID
 Sample : WG2154750-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154750,ICAL22806 (Sig #1); WG,ICAL22806 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 13 09:55:44 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 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	107	0.00
2 TP	Dichlorodifluoromethane	0.328	0.301	8.2	78	0.00
3 TP	Chloromethane	0.438	0.402	8.2	85	0.00
4 TP	Vinyl chloride	0.341	0.333	2.3	83	0.00
5 TP	Bromomethane	0.156	0.159	-1.9	115	0.00
6 TP	Chloroethane	0.222	0.259	-16.7	104	0.00
7 TP	Trichlorofluoromethane	0.404	0.433	-7.2	90	0.00
10 TP	1,1-Dichloroethene	0.223	0.259	-16.1	106	0.00
11 TP	Carbon disulfide	0.755	0.984	-30.3#	119	0.00
12 TP	Freon-113	0.212	0.241	-13.7	101	0.00
15 TP	Methylene chloride	0.271	0.255	5.9	92	0.00
17 TP	Acetone	0.088	0.071	19.3	80	0.00
18 TP	trans-1,2-Dichloroethene	0.213	0.189	11.3	84	0.00
19 TP	Methyl acetate	0.158	0.141	10.8	97	0.00
21 TP	Methyl tert-butyl ether	0.495	0.370	25.3#	87	0.00
22 TP	tert-Butyl alcohol	0.016	0.015	6.3	98	0.00
25 TP	1,1-Dichloroethane	0.573	0.555	3.1	91	0.00
30 TP	cis-1,2-Dichloroethene	0.256	0.228	10.9	87	0.00
33 TP	Bromochloromethane	0.112	0.097#	13.4	83	0.00
34 TP	Cyclohexane	0.550	0.519	5.6	89	0.00
35 TP	Chloroform	* 10.000	8.954	10.5	86	0.00
37 TP	Carbon tetrachloride	0.273	0.250	8.4	86	0.00
39 S	Dibromofluoromethane	0.276	0.260	5.8	96	0.00
40 TP	1,1,1-Trichloroethane	0.345	0.313	9.3	87	0.00
42 TP	2-Butanone	0.110	0.074	32.7#	73	0.00
45 TP	Benzene	0.927	0.862	7.0	93	-0.01
47 S	1,2-Dichloroethane-d4	0.376	0.337	10.4	92	0.00
48 T	1,2-Dichloroethane	0.383	0.327	14.6	92	-0.01
51 TP	Methyl cyclohexane	0.378	0.344	9.0	99	0.00
52 TP	Trichloroethene	0.224	0.192#	14.3	89	-0.01
55 TP	1,2-Dichloropropane	0.294	0.248	15.6	91	0.00
58 TP	Bromodichloromethane	0.318	0.270#	15.1	94	-0.01
61 TP	1,4-Dioxane	0.00178	0.00152#	14.6	90	0.00
62 TP	cis-1,3-Dichloropropene	0.350	0.302	13.7	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64 S	Toluene-d8	1.338	1.358	-1.5	110	0.00
65 TP	Toluene	0.742	0.680	8.4	96	0.00
66 TP	4-Methyl-2-pentanone	0.096	0.069	28.1#	85	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B01.D
 Acq On : 13 Dec 2025 9:34 am
 Operator : ELAINE:PID
 Sample : WG2154750-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154750,ICAL22806 (Sig #1); WG,ICAL22806 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 13 09:55:44 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 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)

67 TP	Tetrachloroethene	*	10.000	8.946	10.5	95	0.00
69 TP	trans-1,3-Dichloropropene	*	10.000	6.983	30.2#	90	-0.01
72 TP	1,1,2-Trichloroethane		0.193	0.158#	18.1	96	0.00
73 TP	Chlorodibromomethane		0.259	0.187#	27.8#	85	0.00
75 TP	1,2-Dibromoethane		0.229	0.173#	24.5#	90	-0.01
77 TP	2-Hexanone		0.230	0.171	25.7#	85	0.00
78 TP	Chlorobenzene		0.830	0.782	5.8	98	0.00
79 TP	Ethylbenzene		1.550	1.443	6.9	95	0.00
81 TP	p/m Xylene		0.605	0.555	8.3	94	0.00
82 TP	o Xylene		0.600	0.557	7.2	99	0.00
83 TP	Styrene		1.047	0.898	14.2	96	0.00

84 I	1,4-Dichlorobenzene-d4		1.000	1.000	0.0	104	0.00
85 TP	Bromoform	*	10.000	7.171	28.3#	91	0.00
87 TP	Isopropylbenzene		2.912	2.742	5.8	94	0.00
88 S	4-Bromofluorobenzene		0.953	0.960	-0.7	105	0.00
92 TP	1,1,2,2-Tetrachloroethane		0.549	0.479	12.8	94	0.00
105 TP	1,3-Dichlorobenzene		1.325	1.252	5.5	96	0.00
106 TP	1,4-Dichlorobenzene		1.314	1.195	9.1	93	0.00
109 TP	1,2-Dichlorobenzene		1.230	1.106	10.1	90	0.00
111 TP	1,2-Dibromo-3-chloropropane	*	10.000	7.770	22.3#	81	0.00
114 TP	1,2,4-Trichlorobenzene		0.666	0.571	14.3	88	0.00
116 TP	1,2,3-Trichlorobenzene		0.581	0.488	16.0	90	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 7 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B01.D
 Acq On : 13 Dec 2025 9:34 am
 Operator : ELAINE:PID
 Sample : WG2154750-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154750, ICAL22806 (Sig #1); WG, ICAL22806 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 13 09:55:44 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

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

Internal Standards						
1) Fluorobenzene	5.625	96	207609	10.000	ug/L	0.00
63) Chlorobenzene-d5	9.122	117	169400	10.000	ug/L	0.00
84) 1,4-Dichlorobenzene-d4	11.906	152	90047	10.000	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	4.843	113	54041	9.444	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	94.44%		
47) 1,2-Dichloroethane-d4	5.349	65	69998	8.979	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	89.79%		
64) Toluene-d8	7.297	98	230088	10.149	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.49%		
88) 4-Bromofluorobenzene	10.664	95	86475	10.074	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.74%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.468	85	62441	9.177	ug/L	98
3) Chloromethane	1.640	50	83463	9.173	ug/L	97
4) Vinyl chloride	1.704	62	69223	9.770	ug/L	95
5) Bromomethane	1.989	94	33007	10.182	ug/L	99
6) Chloroethane	2.089	64	53780	11.653	ug/L	98
7) Trichlorofluoromethane	2.215	101	89889	10.725	ug/L	96
10) 1,1-Dichloroethene	2.668	96	53787	11.617	ug/L	97
11) Carbon disulfide	2.700	76	204262	13.036	ug/L	96
12) Freon-113	2.705	101	50053	11.393	ug/L	92
15) Methylene chloride	3.203	84	52847	9.380	ug/L	95
17) Acetone	3.230	43	14786	8.118	ug/L	93
18) trans-1,2-Dichloroethene	3.339	96	39290	8.890	ug/L	97
19) Methyl acetate	3.348	43	29252	8.938	ug/L	94
21) Methyl tert-butyl ether	3.434	73	76790	7.475	ug/L #	91
22) tert-Butyl alcohol	3.534	59	15755	46.897	ug/L #	100
25) 1,1-Dichloroethane	3.901	63	115145	9.672	ug/L	98
30) cis-1,2-Dichloroethene	4.408	96	47387	8.933	ug/L	94
33) Bromochloromethane	4.594	128	20098	8.630	ug/L	95
34) Cyclohexane	4.594	56	107799	9.446	ug/L	92
35) Chloroform	4.666	83	85690	8.954	ug/L	95
37) Carbon tetrachloride	4.793	117	51936	9.155	ug/L	90
40) 1,1,1-Trichloroethane	4.852	97	65037	9.073	ug/L	99
42) 2-Butanone	4.947	43	15464	6.769	ug/L #	81
45) Benzene	5.213	78	179014	9.301	ug/L	98
48) 1,2-Dichloroethane	5.414	62	67915	8.534	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B01.D
 Acq On : 13 Dec 2025 9:34 am
 Operator : ELAINE:PID
 Sample : WG2154750-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154750, ICAL22806 (Sig #1); WG, ICAL22806 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 13 09:55:44 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51)	Methyl cyclohexane	5.792	83	71380	9.095	ug/L	97
52)	Trichloroethene	5.800	95	39955	8.607	ug/L	98
55)	1,2-Dichloropropane	6.336	63	51571	8.456	ug/L	97
58)	Bromodichloromethane	6.415	83	55961	8.471	ug/L	96
61)	1,4-Dioxane	6.621	88	15784	427.685	ug/L	95
62)	cis-1,3-Dichloropropene	7.099	75	62652	8.629	ug/L	98
65)	Toluene	7.354	92	115149	9.162	ug/L	96
66)	4-Methyl-2-pentanone	7.793	58	11647	7.167	ug/L	95
67)	Tetrachloroethene	7.797	166	40005	8.946	ug/L	97
69)	trans-1,3-Dichloropropene	7.837	75	52245	6.983	ug/L	96
72)	1,1,2-Trichloroethane	8.021	83	26782	8.198	ug/L	97
73)	Chlorodibromomethane	8.227	129	31621	7.194	ug/L	95
75)	1,2-Dibromoethane	8.495	107	29325	7.570	ug/L	100
77)	2-Hexanone	8.797	43	28982	7.446	ug/L #	89
78)	Chlorobenzene	9.144	112	132505	9.425	ug/L	86
79)	Ethylbenzene	9.188	91	244429	9.311	ug/L	98
81)	p/m Xylene	9.372	106	188090	18.344	ug/L	97
82)	o Xylene	9.916	106	188795	18.580	ug/L	97
83)	Styrene	9.991	104	304164	17.142	ug/L	99
85)	Bromoform	10.013	173	18399	7.171	ug/L	94
87)	Isopropylbenzene	10.325	105	246883	9.416	ug/L	100
92)	1,1,2,2-Tetrachloroethane	10.924	83	43161	8.724	ug/L	99
105)	1,3-Dichlorobenzene	11.831	146	112704	9.449	ug/L	98
106)	1,4-Dichlorobenzene	11.924	146	107629	9.099	ug/L	99
109)	1,2-Dichlorobenzene	12.356	146	99572	8.988	ug/L	96
111)	1,2-Dibromo-3-chloropr...	13.144	155	5512	7.770	ug/L	100
114)	1,2,4-Trichlorobenzene	13.779	180	51405	8.569	ug/L	98
116)	1,2,3-Trichlorobenzene	14.237	180	43951	8.399	ug/L	94

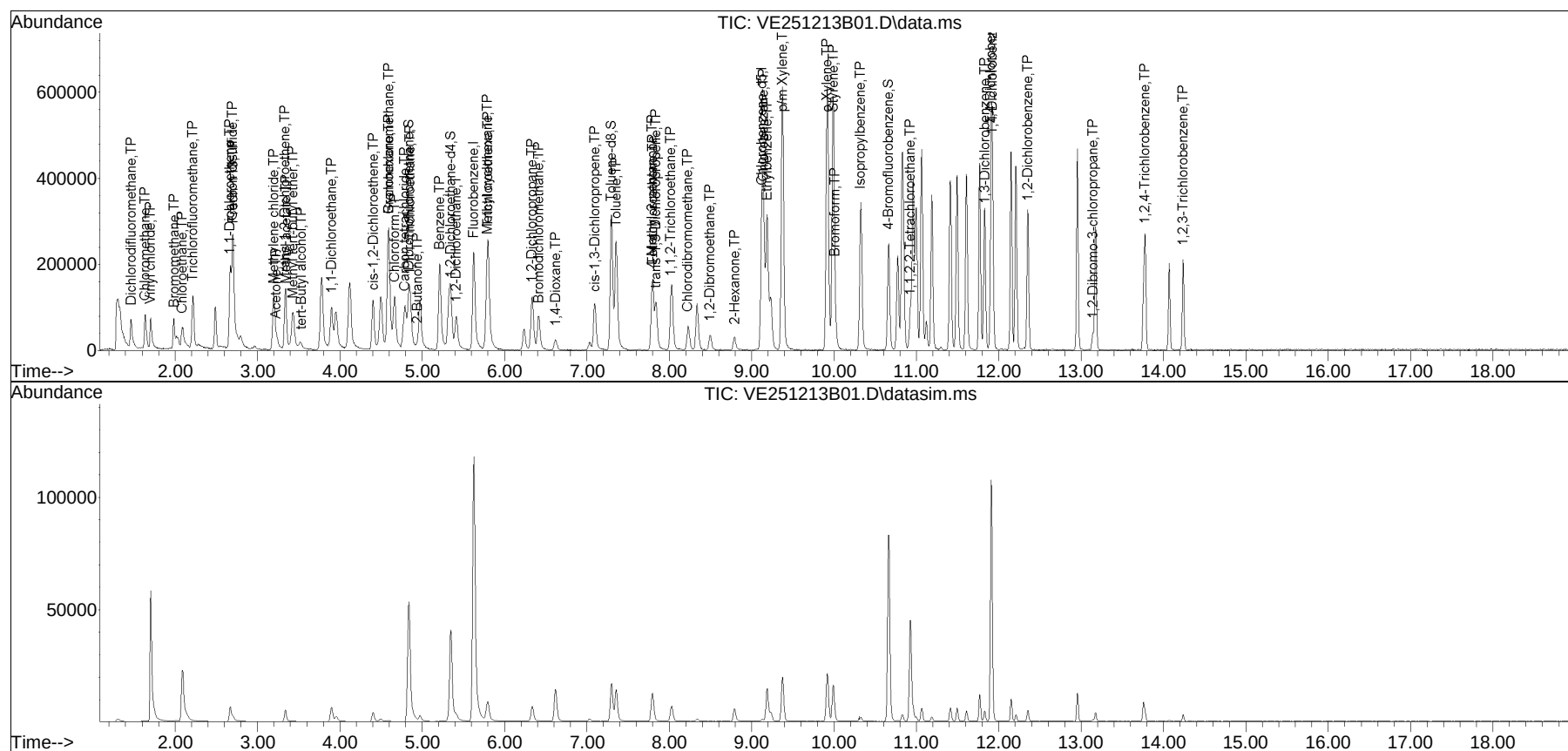
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B01.D
 Acq On : 13 Dec 2025 9:34 am
 Operator : ELAINE:PID
 Sample : WG2154750-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154750,ICAL22806 (Sig #1); WG,ICAL22806 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 13 09:55:44 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist



Manual Integration Report

Data Path	: K:\Elaine\2025\251213B\	QMethod	: Elaine_251111N_8260.m
Data File	: VE251213B01.D	Operator	: ELAINE:PID
Date Inj'd	: 12/13/2025 9:34 am	Instrument	: Elaine
Sample	: WG2154750-2	Quant Date	: 12/13/2025 9:55 am

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B01.D
 Acq On : 15 Dec 2025 10:40 am
 Operator : VOA122:PID
 Sample : WG2154825-2,31,10,10,, (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 11:23:26 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 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	109	0.00
2 TP	Dichlorodifluoromethane	0.170	0.175	-2.9	113	0.00
3 TP	Chloromethane	0.164	0.184	-12.2	117	0.00
4 TP	Vinyl chloride	0.186	0.186	0.0	101	0.00
5 TP	Bromomethane	0.130	0.098	24.6#	85	0.00
6 TP	Chloroethane	0.142	0.129	9.2	98	0.00
7 TP	Trichlorofluoromethane	0.185	0.230	-24.3#	135	0.00
8 TP	Ethyl ether	0.051	0.045	11.8	95	0.00
10 TP	1,1-Dichloroethene	0.111	0.129	-16.2	123	0.00
11 TP	Carbon disulfide	0.376	0.463	-23.1#	130	0.00
12 TP	Freon-113	0.107	0.135	-26.2#	144	0.00
14 TP	Acrolein	0.00997	0.00901#	9.6	101	0.00
15 TP	Methylene chloride	0.129	0.149	-15.5	123	0.00
17 TP	Acetone	* 10.000	10.385	-3.8	112	0.00
18 TP	trans-1,2-Dichloroethene	0.124	0.141	-13.7	121	0.00
19 TP	Methyl acetate	0.043	0.049	-14.0	127	0.00
21 TP	Methyl tert-butyl ether	0.228	0.179	21.5#	86	0.00
22 TP	tert-Butyl alcohol	0.00485	0.00395#	18.6	93	0.00
24 TP	Diisopropyl ether	0.315	0.333	-5.7	118	0.00
25 TP	1,1-Dichloroethane	0.223	0.254#	-13.9	122	0.00
26 TP	Halothane	0.093	0.105	-12.9	122	0.00
27 TP	Acrylonitrile	0.024	0.026	-8.3	122	0.00
28 TP	Ethyl tert-butyl ether	0.280	0.240	14.3	97	0.00
29 TP	Vinyl acetate	0.168	0.186	-10.7	136	0.00
30 TP	cis-1,2-Dichloroethene	0.132	0.145#	-9.8	118	0.00
31 TP	2,2-Dichloropropane	0.173	0.195	-12.7	123	0.00
32 TP	Bromochloromethane	0.061	0.071#	-16.4	123	0.00
33 TP	Cyclohexane	0.215	0.228	-6.0	130	0.00
34 TP	Chloroform	0.225	0.233#	-3.6	117	0.00
35 TP	Ethyl acetate	0.059	0.059	0.0	111	0.00
36 TP	Carbon tetrachloride	0.173	0.193	-11.6	118	0.00
37 TP	Tetrahydrofuran	0.018	0.019	-5.6	116	0.00
38 S	Dibromofluoromethane	0.265	0.287	-8.3	118	0.00
39 TP	1,1,1-Trichloroethane	0.195	0.213	-9.2	118	0.00
41 TP	2-Butanone	0.023	0.025	-8.7	124	0.00
42 TP	1,1-Dichloropropene	0.162	0.150	7.4	102	0.00
44 TP	Benzene	0.310	0.359	-15.8	127	0.00
45 TP	tert-Amyl methyl ether	0.240	0.171	28.7#	81	0.00
46 S	1,2-Dichloroethane-d4	0.256	0.249	2.7	106	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B01.D
 Acq On : 15 Dec 2025 10:40 am
 Operator : VOA122:PID
 Sample : WG2154825-2,31,10,10,, (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 11:23:26 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 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 T	1,2-Dichloroethane	0.134	0.138	-3.0	114	0.00
50 TP	Methyl cyclohexane	0.228	0.198	13.2	115	0.00
51 TP	Trichloroethene	0.138	0.131#	5.1	109	0.00
53 TP	Dibromomethane	0.062	0.066	-6.5	118	0.00
54 TP	1,2-Dichloropropane	0.122	0.129#	-5.7	112	0.00
57 TP	Bromodichloromethane	0.114	0.127#	-11.4	121	0.00
60 TP	1,4-Dioxane	0.00073	0.00060#	17.8	92	0.00
61 TP	cis-1,3-Dichloropropene	0.176	0.161#	8.5	101	0.00
62 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
63 S	Toluene-d8	1.292	1.265	2.1	109	0.00
64 TP	Toluene	0.396	0.410	-3.5	116	0.00
65 TP	4-Methyl-2-pentanone	0.029	0.021#	27.6#	84	0.00
66 TP	Tetrachloroethene	0.168	0.193	-14.9	124	0.00
68 TP	trans-1,3-Dichloropropene	0.181	0.160#	11.6	101	0.00
70 TP	Ethyl methacrylate	0.128	0.080	37.5#	71	0.00
71 TP	1,1,2-Trichloroethane	0.091	0.084#	7.7	110	0.00
72 TP	Chlorodibromomethane	0.142	0.139#	2.1	114	0.00
73 TP	1,3-Dichloropropane	0.180	0.162	10.0	103	0.00
74 TP	1,2-Dibromoethane	0.108	0.104#	3.7	110	0.00
76 TP	2-Hexanone	0.052	0.038	26.9#	80	0.00
77 TP	Chlorobenzene	0.450	0.484	-7.6	120	0.00
78 TP	Ethylbenzene	0.807	0.783	3.0	107	0.00
79 TP	1,1,1,2-Tetrachloroethane	0.154	0.154	0.0	115	0.00
80 TP	p/m Xylene	0.327	0.316	3.4	107	0.00
81 TP	o Xylene	0.316	0.297	6.0	106	0.00
82 TP	Styrene	0.516	0.505	2.1	110	0.00
83 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
84 TP	Bromoform	0.153	0.146	4.6	120	0.00
86 TP	Isopropylbenzene	1.531	1.459	4.7	108	0.00
87 S	4-Bromofluorobenzene	0.875	0.808	7.7	104	0.00
88 TP	Bromobenzene	0.334	0.350	-4.8	120	0.00
89 TP	n-Propylbenzene	1.831	1.778	2.9	111	0.00
90 TP	1,4-Dichlorobutane	0.346	0.349	-0.9	124	0.00
91 TP	1,1,2,2-Tetrachloroethane	0.227	0.227	0.0	119	0.00
92 TP	4-Ethyltoluene	1.511	1.504	0.5	113	0.00
93 TP	2-Chlorotoluene	1.045	1.080	-3.3	117	0.00
94 TP	1,3,5-Trimethylbenzene	1.287	1.237	3.9	109	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B01.D
 Acq On : 15 Dec 2025 10:40 am
 Operator : VOA122:PID
 Sample : WG2154825-2,31,10,10,, (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 11:23:26 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 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	1,2,3-Trichloropropane	0.180	0.165	8.3	104	0.00
96 TP	trans-1,4-Dichloro-2-butene	0.064	0.065	-1.6	122	0.00
97 TP	4-Chlorotoluene	1.091	1.073	1.6	112	0.00
98 TP	tert-Butylbenzene	1.104	1.053	4.6	110	0.00
101 TP	1,2,4-Trimethylbenzene	1.248	1.186	5.0	109	0.00
102 TP	sec-Butylbenzene	0.897	1.010	-12.6	125	0.00
103 TP	p-Isopropyltoluene	1.354	1.332	1.6	111	0.00
104 TP	1,3-Dichlorobenzene	0.693	0.764	-10.2	124	0.00
105 TP	1,4-Dichlorobenzene	0.684	0.738	-7.9	123	0.00
106 TP	p-Diethylbenzene	0.783	0.771	1.5	113	0.00
107 TP	n-Butylbenzene	1.175	1.223	-4.1	120	0.00
108 TP	1,2-Dichlorobenzene	0.602	0.636	-5.6	121	0.00
109 TP	1,2,4,5-Tetramethylbenzene	1.054	0.959	9.0	105	0.00
110 TP	1,2-Dibromo-3-chloropropane	0.034	0.034	0.0	111	0.00
111 TP	1,3,5-Trichlorobenzene	0.396	0.431	-8.8	126	0.00
112 TP	Hexachlorobutadiene	0.136	0.157	-15.4	145	0.00
113 TP	1,2,4-Trichlorobenzene	0.326	0.317#	2.8	115	0.00
114 TP	Naphthalene	0.704	0.589	16.3	95	0.00
115 TP	1,2,3-Trichlorobenzene	0.267	0.269#	-0.7	117	0.00

* Evaluation of CC level amount vs concentration.

(#) = Out of Range SPCC's out = 18 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B01.D
 Acq On : 15 Dec 2025 10:40 am
 Operator : VOA122:PID
 Sample : WG2154825-2,31,10,10,, (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 11:23:26 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

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

Internal Standards						
1) Fluorobenzene	5.709	96	472150	10.000	ug/L	0.00
62) Chlorobenzene-d5	9.218	117	386766	10.000	ug/L	0.00
83) 1,4-Dichlorobenzene-d4	11.993	152	214808	10.000	ug/L	0.00
System Monitoring Compounds						
38) Dibromofluoromethane	4.911	113	135625	10.819	ug/L	0.00
Spiked Amount	10.000	Range 70 - 130	Recovery	=	108.19%	
46) 1,2-Dichloroethane-d4	5.423	65	117421	9.702	ug/L	0.00
Spiked Amount	10.000	Range 70 - 130	Recovery	=	97.02%	
63) Toluene-d8	7.388	98	489129	9.786	ug/L	0.00
Spiked Amount	10.000	Range 70 - 130	Recovery	=	97.86%	
87) 4-Bromofluorobenzene	10.754	95	173463	9.224	ug/L	0.00
Spiked Amount	10.000	Range 70 - 130	Recovery	=	92.24%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.522	85	82417	10.275	ug/L	99
3) Chloromethane	1.687	50	86730	11.182	ug/L	98
4) Vinyl chloride	1.758	62	87783	10.009	ug/L	96
5) Bromomethane	2.040	94	46255	7.511	ug/L	99
6) Chloroethane	2.142	64	61072	9.141	ug/L	96
7) Trichlorofluoromethane	2.283	101	108442	12.388	ug/L	98
8) Ethyl ether	2.566	74	21145	8.784	ug/L #	76
10) 1,1-Dichloroethene	2.746	96	60842	11.614	ug/L	99
11) Carbon disulfide	2.770	76	218427	12.317	ug/L	99
12) Freon-113	2.778	101	63714	12.621	ug/L	98
14) Acrolein	3.036	56	4253	9.033	ug/L	95
15) Methylene chloride	3.272	84	70256	11.536	ug/L	85
17) Acetone	3.303	43	9733	10.385	ug/L	98
18) trans-1,2-Dichloroethene	3.413	96	66348	11.339	ug/L	98
19) Methyl acetate	3.413	43	22918	11.381	ug/L #	90
21) Methyl tert-butyl ether	3.507	73	84630	7.863	ug/L #	87
22) tert-Butyl alcohol	3.586	59	9321	40.718	ug/L #	85
24) Diisopropyl ether	3.860	45	157262	10.564	ug/L	95
25) 1,1-Dichloroethane	3.970	63	119736	11.367	ug/L	98
26) Halothane	4.025	117	49372	11.202	ug/L	99
27) Acrylonitrile	4.009	53	12334	10.834	ug/L	97
28) Ethyl tert-butyl ether	4.198	59	113329	8.585	ug/L #	85
29) Vinyl acetate	4.205	43	87765	11.078	ug/L	97
30) cis-1,2-Dichloroethene	4.480	96	68695	11.060	ug/L	99
31) 2,2-Dichloropropane	4.582	77	92107	11.259	ug/L	92

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B01.D
 Acq On : 15 Dec 2025 10:40 am
 Operator : VOA122:PID
 Sample : WG2154825-2,31,10,10,, (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 11:23:26 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) Bromochloromethane	4.668	128	33318	11.612	ug/L	91
33) Cyclohexane	4.676	56	107766	10.638	ug/L	90
34) Chloroform	4.739	83	109901	10.361	ug/L	97
35) Ethyl acetate	4.849	43	27678	10.002	ug/L #	96
36) Carbon tetrachloride	4.872	117	91271	11.175	ug/L	99
37) Tetrahydrofuran	4.888	42	8941M6	10.238	ug/L	
39) 1,1,1-Trichloroethane	4.935	97	100432	10.923	ug/L	99
41) 2-Butanone	5.021	43	11679M6	10.824	ug/L	
42) 1,1-Dichloropropene	5.053	75	71050	9.302	ug/L	98
44) Benzene	5.296	78	169411	11.560	ug/L	96
45) tert-Amyl methyl ether	5.409	73	80550	7.117	ug/L #	86
47) 1,2-Dichloroethane	5.493	62	65167	10.264	ug/L	96
50) Methyl cyclohexane	5.884	83	93263	8.662	ug/L	83
51) Trichloroethene	5.884	95	61850	9.523	ug/L	98
53) Dibromomethane	6.317	93	31032	10.539	ug/L	98
54) 1,2-Dichloropropane	6.415	63	60894	10.542	ug/L	97
57) Bromodichloromethane	6.491	83	59926	11.107	ug/L	98
60) 1,4-Dioxane	6.700	88	14108	407.427	ug/L	95
61) cis-1,3-Dichloropropene	7.179	75	76199	9.186	ug/L #	90
64) Toluene	7.444	92	158691	10.358	ug/L	100
65) 4-Methyl-2-pentanone	7.881	58	8047	7.280	ug/L	78
66) Tetrachloroethene	7.888	166	74601	11.487	ug/L	99
68) trans-1,3-Dichloropropene	7.923	75	62028	8.864	ug/L	95
70) Ethyl methacrylate	8.125	69	31015	6.243	ug/L #	70
71) 1,1,2-Trichloroethane	8.104	83	32521	9.269	ug/L	97
72) Chlorodibromomethane	8.319	129	53826	9.808	ug/L	98
73) 1,3-Dichloropropane	8.424	76	62612	9.001	ug/L	99
74) 1,2-Dibromoethane	8.583	107	40136	9.629	ug/L	98
76) 2-Hexanone	8.882	43	14798	7.373	ug/L	95
77) Chlorobenzene	9.239	112	187167	10.751	ug/L	96
78) Ethylbenzene	9.288	91	303008	9.702	ug/L	99
79) 1,1,1,2-Tetrachloroethane	9.330	131	59385	9.989	ug/L	98
80) p/m Xylene	9.477	106	244238	19.299	ug/L	98
81) o Xylene	10.024	106	229698	18.800	ug/L	98
82) Styrene	10.094	104	390377	19.569	ug/L	97
84) Bromoform	10.108	173	31288	9.498	ug/L	97
86) Isopropylbenzene	10.424	105	313333	9.530	ug/L	99
88) Bromobenzene	10.859	156	75160	10.471	ug/L	100
89) n-Propylbenzene	10.922	91	381906	9.707	ug/L	100
90) 1,4-Dichlorobutane	10.929	55	75052	10.091	ug/L	98
91) 1,1,2,2-Tetrachloroethane	11.006	83	48826	10.000	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B01.D
 Acq On : 15 Dec 2025 10:40 am
 Operator : VOA122:PID
 Sample : WG2154825-2,31,10,10,, (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 11:23:26 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

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

92)	4-Ethyltoluene	11.055	105	323060	9.956	ug/L	100
93)	2-Chlorotoluene	11.083	91	231996M6	10.337	ug/L	
94)	1,3,5-Trimethylbenzene	11.153	105	265639	9.608	ug/L	99
95)	1,2,3-Trichloropropane	11.139	75	35353	9.139	ug/L	93
96)	trans-1,4-Dichloro-2-b...	11.202	53	13925	10.098	ug/L	83
97)	4-Chlorotoluene	11.272	91	230404	9.828	ug/L	98
98)	tert-Butylbenzene	11.504	119	226291	9.541	ug/L	97
101)	1,2,4-Trimethylbenzene	11.581	105	254683	9.502	ug/L	99
102)	sec-Butylbenzene	11.693	105	216856	11.250	ug/L	100
103)	p-Isopropyltoluene	11.860	119	286195	9.840	ug/L	99
104)	1,3-Dichlorobenzene	11.909	146	164141	11.023	ug/L	98
105)	1,4-Dichlorobenzene	12.007	146	158460	10.790	ug/L	98
106)	p-Diethylbenzene	12.236	119	165523	9.843	ug/L	99
107)	n-Butylbenzene	12.292	91	262628	10.406	ug/L	98
108)	1,2-Dichlorobenzene	12.431	146	136515	10.556	ug/L	99
109)	1,2,4,5-Tetramethylben...	13.044	119	206028	9.103	ug/L	99
110)	1,2-Dibromo-3-chloropr...	13.225	155	7307	9.960	ug/L	97
111)	1,3,5-Trichlorobenzene	13.259	180	92575	10.887	ug/L	98
112)	Hexachlorobutadiene	13.844	225	33805	11.595	ug/L	98
113)	1,2,4-Trichlorobenzene	13.865	180	68112	9.721	ug/L	99
114)	Naphthalene	14.157	128	126618	8.371	ug/L	100
115)	1,2,3-Trichlorobenzene	14.325	180	57810	10.066	ug/L	98

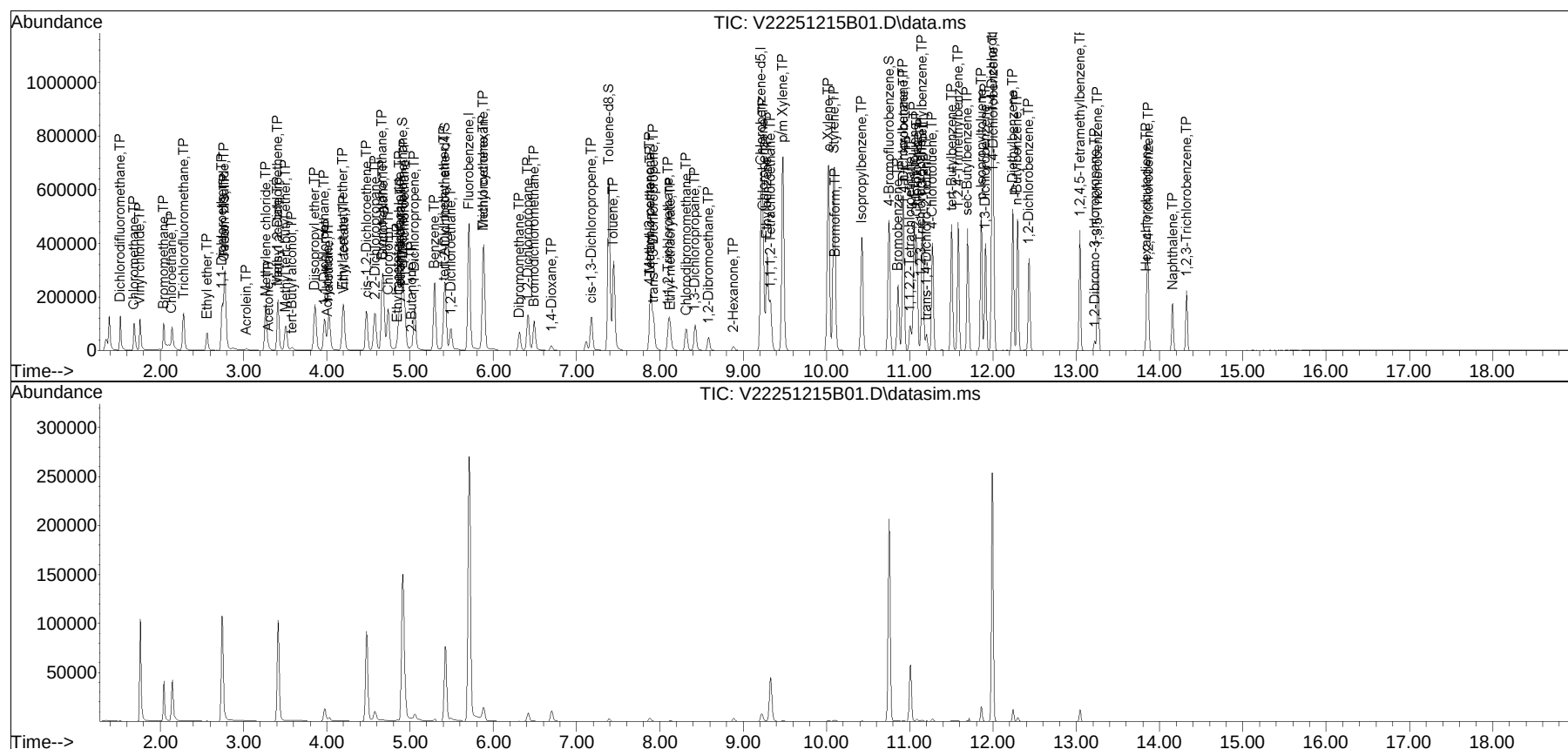
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B01.D
 Acq On : 15 Dec 2025 10:40 am
 Operator : VOA122:PID
 Sample : WG2154825-2,31,10,10,, (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 11:23:26 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

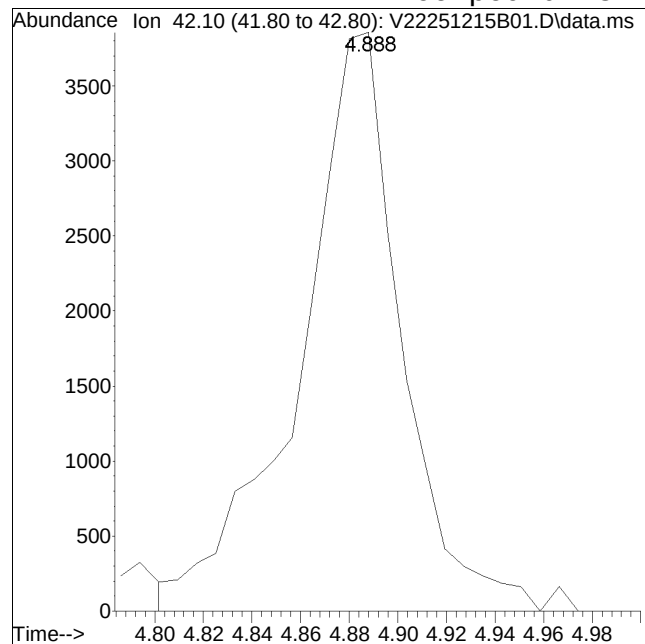
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane



Manual Integration Report

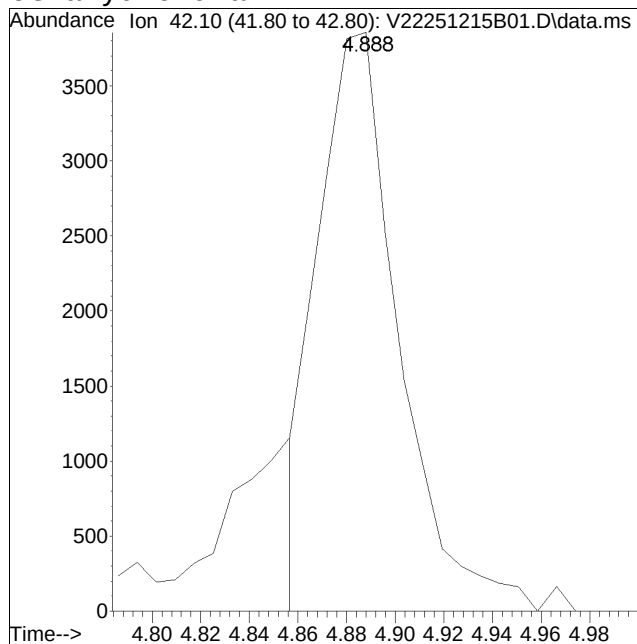
Data Path : K:\VOA122\2025\251215B\ QMethod : V122_251114A_8260.m
Data File : V22251215B01.D Operator : VOA122:PID
Date Inj'd : 12/15/2025 10:40 am Instrument : VOA 122
Sample : WG2154825-2,31,10,10,, Quant Date : 12/15/2025 11:22 am

Compound #37: Tetrahydrofuran



Original Peak Response = 11251

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

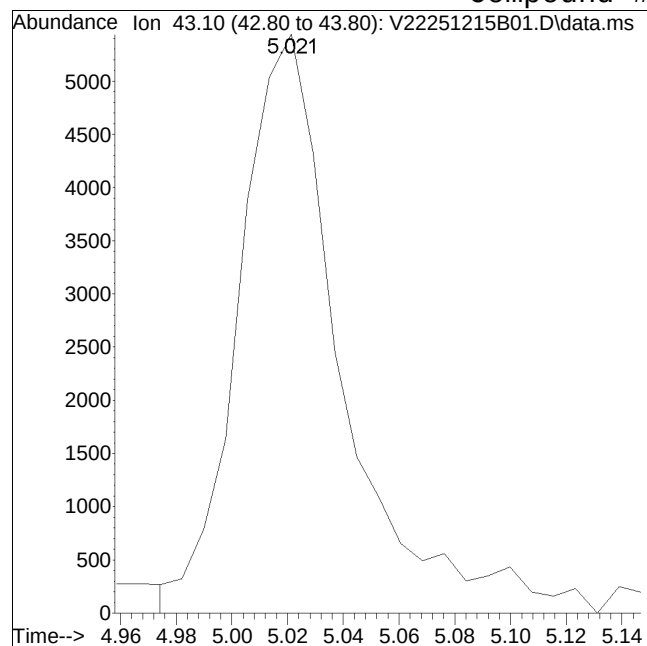


Manual Peak Response = 8941 M6

Manual Integration Report

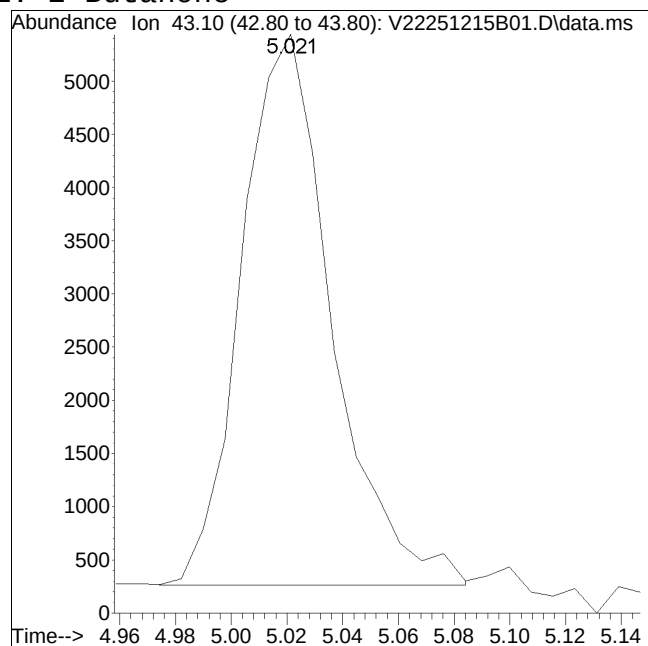
Data Path : K:\V0A122\2025\251215B\ QMethod : V122_251114A_8260.m
Data File : V22251215B01.D Operator : V0A122:PID
Date Inj'd : 12/15/2025 10:40 am Instrument : V0A 122
Sample : WG2154825-2,31,10,10,, Quant Date : 12/15/2025 11:22 am

Compound #41: 2-Butanone



Original Peak Response = 14046

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

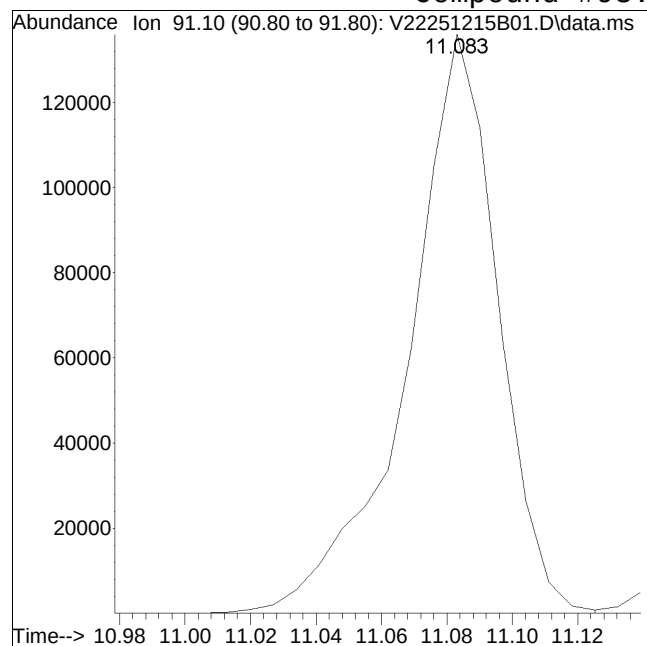


Manual Peak Response = 11679 M6

Manual Integration Report

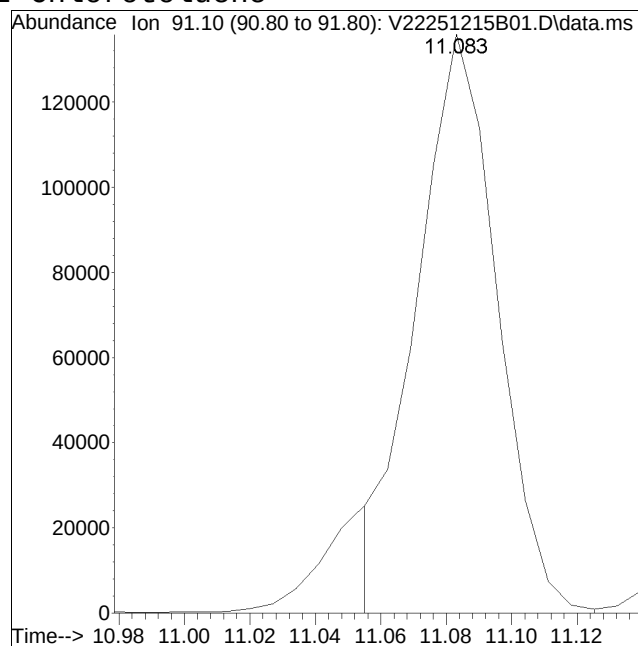
Data Path : K:\VOA122\2025\251215B\ QMethod : V122_251114A_8260.m
Data File : V22251215B01.D Operator : VOA122:PID
Date Inj'd : 12/15/2025 10:40 am Instrument : VOA 122
Sample : WG2154825-2,31,10,10,, Quant Date : 12/15/2025 11:22 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 258455

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



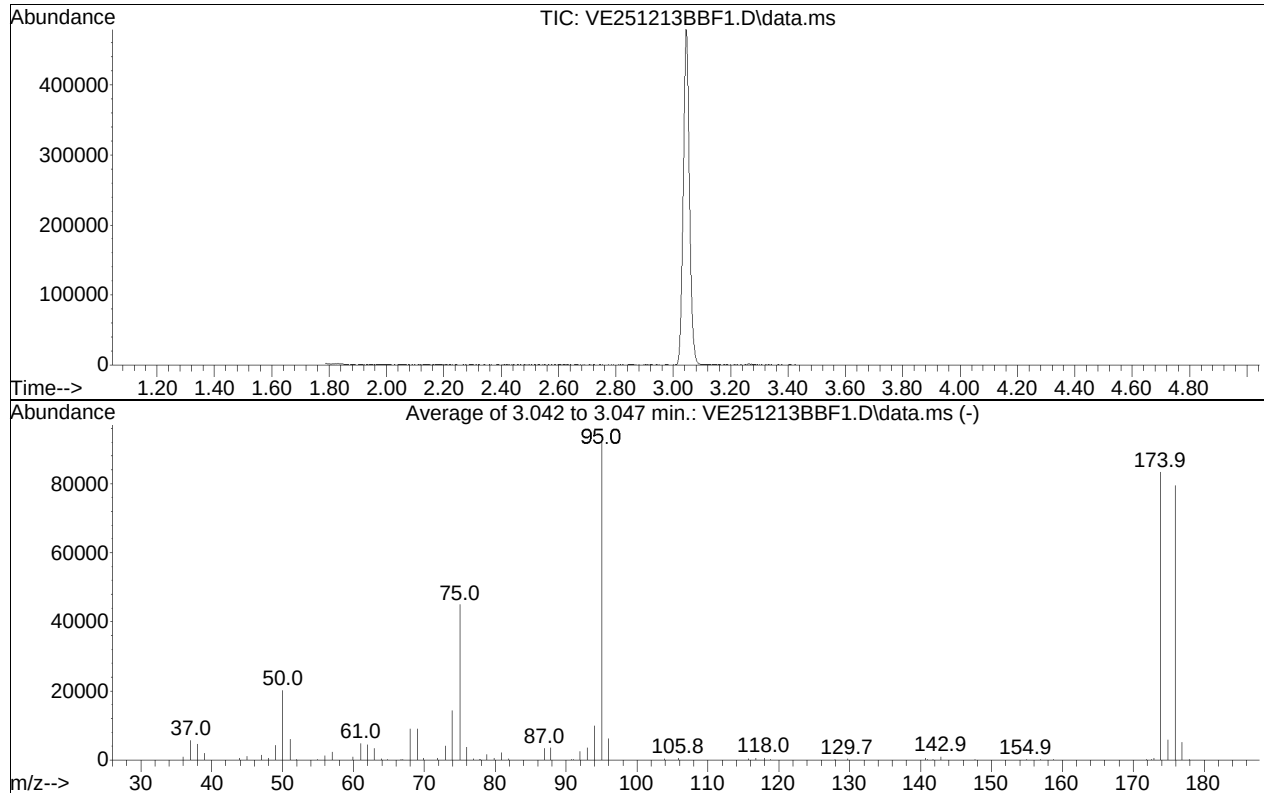
Manual Peak Response = 231996 M6

BFB

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213BBF1.D
 Acq On : 13 Dec 2025 9:15 am
 Operator : ELAINE:PID
 Sample : WG2154750-1
 Misc : WG2154750
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Wed Nov 12 12:15:18 2025



AutoFind: Scans 451, 452, 453; Background Corrected with Scan 437

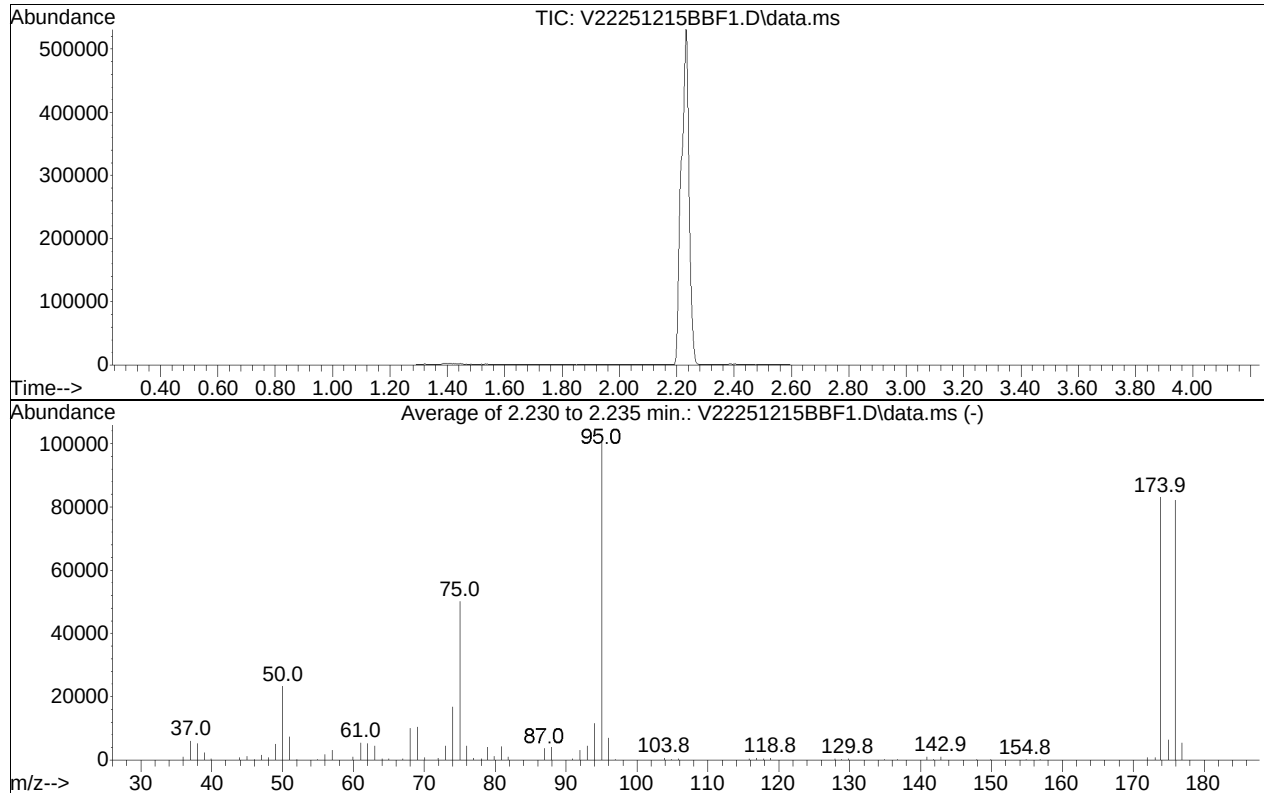
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.8	20152	PASS
75	95	30	60	48.7	44989	PASS
95	95	100	100	100.0	92427	PASS
96	95	5	9	6.7	6158	PASS
173	174	0.00	2	0.7	549	PASS
174	95	50	100	90.2	83400	PASS
175	174	5	9	7.0	5862	PASS
176	174	95	101	95.3	79451	PASS
177	176	5	9	6.6	5223	PASS

BFB

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215BBF1.D
 Acq On : 15 Dec 2025 10:15 am
 Operator : VOA122:PID
 Sample : WG2154825-1
 Misc : WG2154825,ICAL22815
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sat Nov 15 12:03:11 2025



AutoFind: Scans 338, 339, 340; Background Corrected with Scan 321

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.3	23477	PASS
75	95	30	60	49.6	50120	PASS
95	95	100	100	100.0	100965	PASS
96	95	5	9	6.8	6907	PASS
173	174	0.00	2	0.9	760	PASS
174	95	50	100	82.4	83189	PASS
175	174	5	9	7.8	6453	PASS
176	174	95	101	98.7	82147	PASS
177	176	5	9	6.7	5468	PASS

Volatiles Raw QC Data

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B05.D
 Acq On : 13 Dec 2025 11:11 am
 Operator : ELAINE:PID
 Sample : WG2154750-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
 Misc : WG2154750,ICAL22806 (Sig #1); WG,ICAL22806 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 11:33:06 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251213B\VE251213B01.D
 Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

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

Internal Standards						
1) Fluorobenzene	5.629	96	181273	10.000	ug/L	0.00
Standard Area 1 = 207609			Recovery =	87.31%		
63) Chlorobenzene-d5	9.127	117	152448	10.000	ug/L	0.00
Standard Area 1 = 169400			Recovery =	89.99%		
84) 1,4-Dichlorobenzene-d4	11.911	152	78671	10.000	ug/L	0.00
Standard Area 1 = 90047			Recovery =	87.37%		
System Monitoring Compounds						
39) Dibromofluoromethane	4.838	113	51604	10.329	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.29%		
47) 1,2-Dichloroethane-d4	5.353	65	65689	9.650	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.50%		
64) Toluene-d8	7.306	98	197868	9.699	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.99%		
88) 4-Bromofluorobenzene	10.664	95	76427	10.191	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.91%		
Target Compounds						
						Qvalue
4) Vinyl chloride	1.740	62	105	N.D.		
10) 1,1-Dichloroethene	2.714	96	48	N.D.		
15) Methylene chloride	3.203	84	155	N.D.		
30) cis-1,2-Dichloroethene	4.435	96	57	N.D.		
35) Chloroform	4.653	83	48	Below Cal	#	1
37) Carbon tetrachloride	4.866	117	76	N.D.		
40) 1,1,1-Trichloroethane	4.879	97	92	N.D.		
52) Trichloroethene	5.761	95	146	N.D.		
67) Tetrachloroethene	0.000		0	N.D.	d	

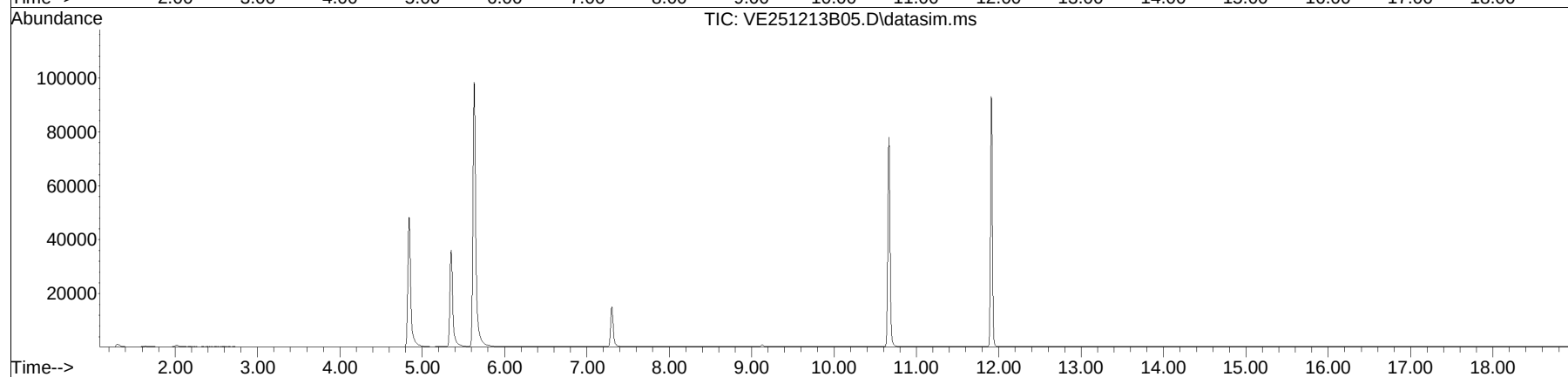
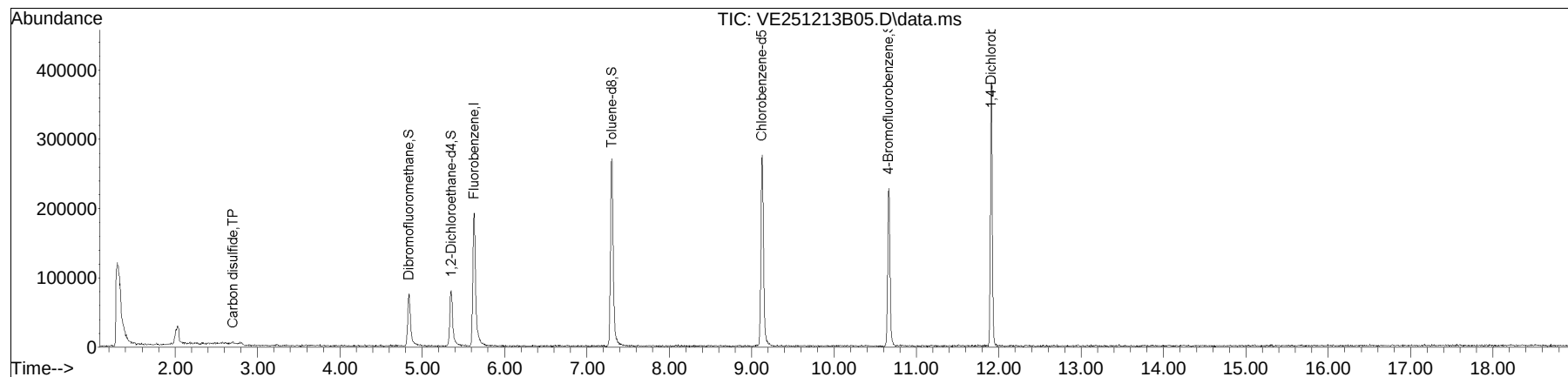
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B05.D
 Acq On : 13 Dec 2025 11:11 am
 Operator : ELAINE:PID
 Sample : WG2154750-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
 Misc : WG2154750,ICAL22806 (Sig #1); WG,ICAL22806 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 11:33:06 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist



Manual Integration Report

Data Path	: K:\Elaine\2025\251213B\	QMethod	: Elaine_251111N_8260.m
Data File	: VE251213B05.D	Operator	: ELAINE:PID
Date Inj'd	: 12/13/2025 11:11 am	Instrument	: Elaine
Sample	: WG2154750-5,31,10,10	Quant Date	: 12/13/2025 11:32 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B05.D
 Acq On : 15 Dec 2025 12:17 pm
 Operator : VOA122:PID
 Sample : WG2154825-5,31,10,10,, (Sig #1); METHOD BLK (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 14:15:07 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251215B\V22251215B01.D
 Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

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

Internal Standards						
1) Fluorobenzene	5.709	96	457830	10.000	ug/L	0.00
Standard Area 1 = 472150			Recovery	=	96.97%	
62) Chlorobenzene-d5	9.225	117	374030	10.000	ug/L	0.00
Standard Area 1 = 386766			Recovery	=	96.71%	
83) 1,4-Dichlorobenzene-d4	11.992	152	186698	10.000	ug/L	0.00
Standard Area 1 = 214808			Recovery	=	86.91%	
System Monitoring Compounds						
38) Dibromofluoromethane	4.911	113	135446	11.143	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	111.43%	
46) 1,2-Dichloroethane-d4	5.423	65	119981	10.224	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.24%	
63) Toluene-d8	7.388	98	466762	9.656	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.56%	
87) 4-Bromofluorobenzene	10.753	95	155960	9.542	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	95.42%	
Target Compounds						
4) Vinyl chloride	0.000		0		N.D.	Qvalue
10) 1,1-Dichloroethene	0.000		0		N.D.	
15) Methylene chloride	3.264	84	177		N.D.	
30) cis-1,2-Dichloroethene	0.000		0		N.D.	
34) Chloroform	0.000		0		N.D.	
36) Carbon tetrachloride	0.000		0		N.D.	
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
51) Trichloroethene	5.779	95	211		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	

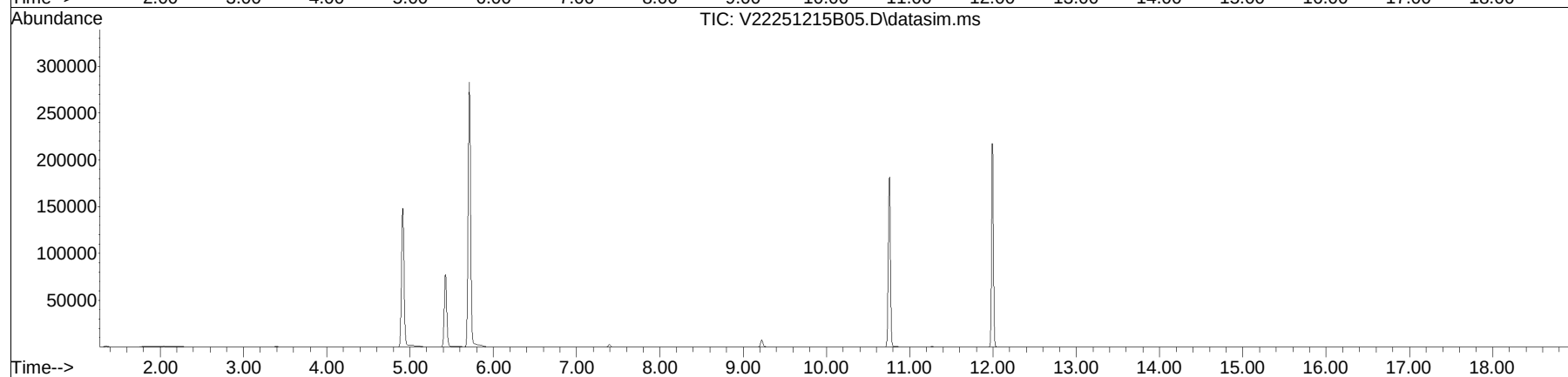
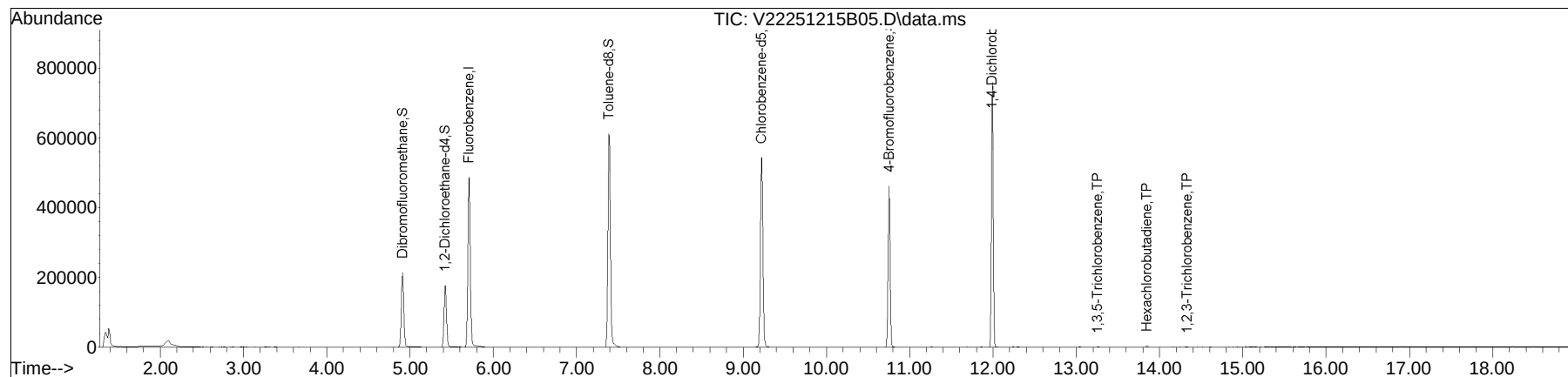
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B05.D
 Acq On : 15 Dec 2025 12:17 pm
 Operator : VOA122:PID
 Sample : WG2154825-5,31,10,10,, (Sig #1); METHOD BLK (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 14:15:07 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane



Manual Integration Report

Data Path	: K:\V0A122\2025\251215B\	QMethod	: V122_251114A_8260.m
Data File	: V22251215B05.D	Operator	: V0A122:PID
Date Inj'd	: 12/15/2025 12:17 pm	Instrument	: V0A 122
Sample	: WG2154825-5,31,10,10,,	Quant Date	: 12/15/2025 2:14 pm

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

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B01.D
 Acq On : 13 Dec 2025 9:34 am
 Operator : ELAINE:PID
 Sample : WG2154750-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154750,ICAL22806 (Sig #1); WG,ICAL22806 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 13 09:55:44 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

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

Internal Standards						
1) Fluorobenzene	5.625	96	207609	10.000	ug/L	0.00
63) Chlorobenzene-d5	9.122	117	169400	10.000	ug/L	0.00
84) 1,4-Dichlorobenzene-d4	11.906	152	90047	10.000	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	4.843	113	54041	9.444	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	94.44%		
47) 1,2-Dichloroethane-d4	5.349	65	69998	8.979	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	89.79%		
64) Toluene-d8	7.297	98	230088	10.149	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.49%		
88) 4-Bromofluorobenzene	10.664	95	86475	10.074	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.74%		
Target Compounds						
						Qvalue
4) Vinyl chloride	1.704	62	69223	9.770	ug/L	95
10) 1,1-Dichloroethene	2.668	96	53787	11.617	ug/L	97
15) Methylene chloride	3.203	84	52847	9.380	ug/L	95
30) cis-1,2-Dichloroethene	4.408	96	47387	8.933	ug/L	94
35) Chloroform	4.666	83	85690	8.954	ug/L	95
37) Carbon tetrachloride	4.793	117	51936	9.155	ug/L	90
40) 1,1,1-Trichloroethane	4.852	97	65037	9.073	ug/L	99
52) Trichloroethene	5.800	95	39955	8.607	ug/L	98
67) Tetrachloroethene	7.797	166	40005	8.946	ug/L	97

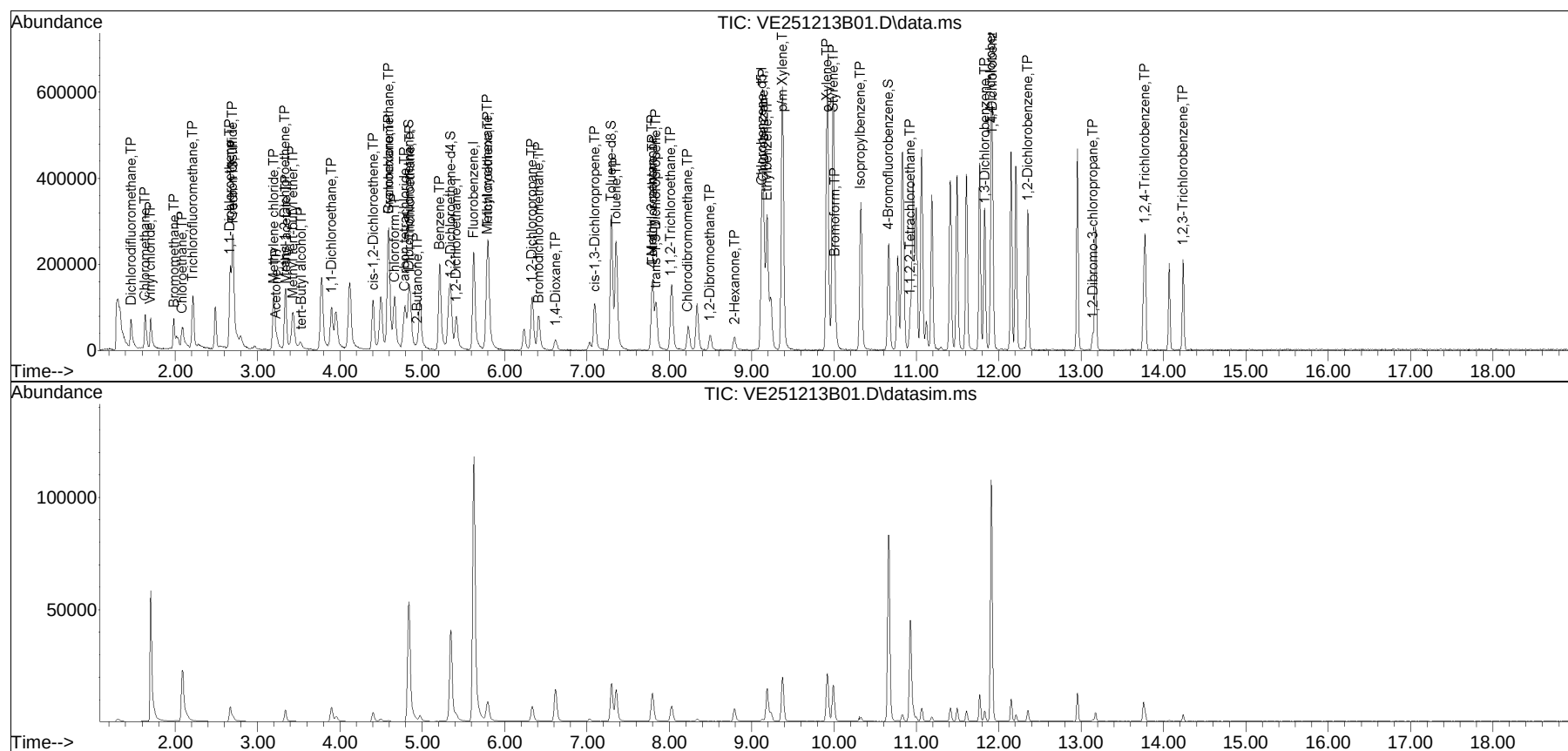
(#) = qualifier out of range (m) = manual integration (+) = signals summed

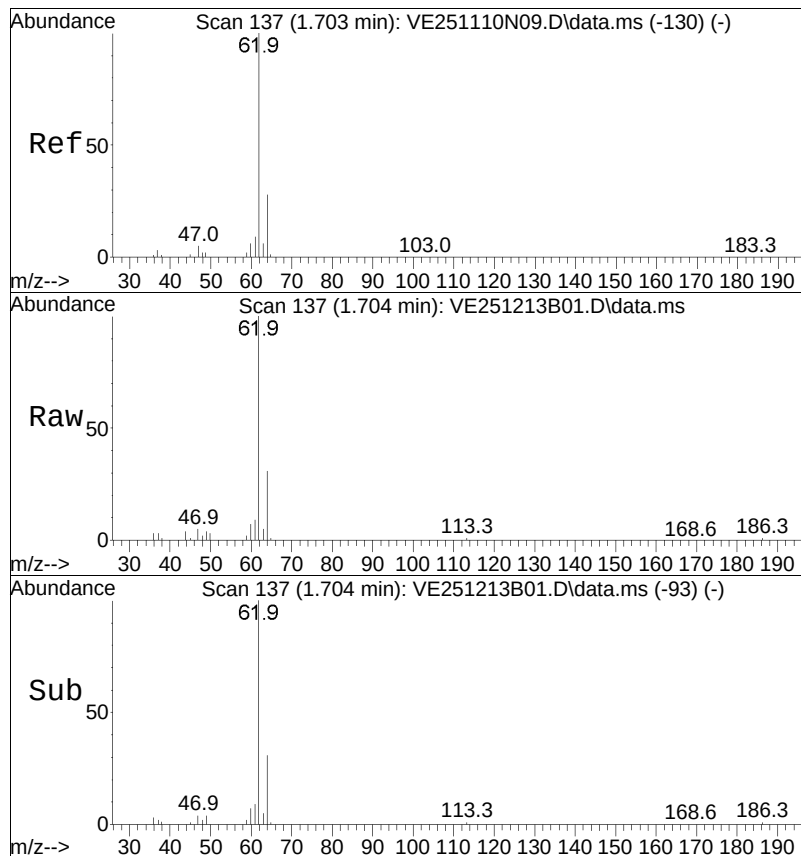
Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B01.D
 Acq On : 13 Dec 2025 9:34 am
 Operator : ELAINE:PID
 Sample : WG2154750-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154750,ICAL22806 (Sig #1); WG,ICAL22806 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 13 09:55:44 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 Response via : Initial Calibration

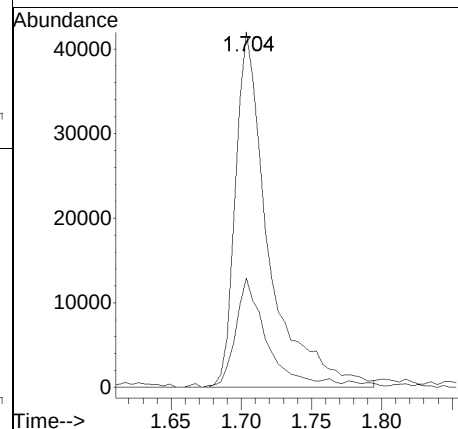
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

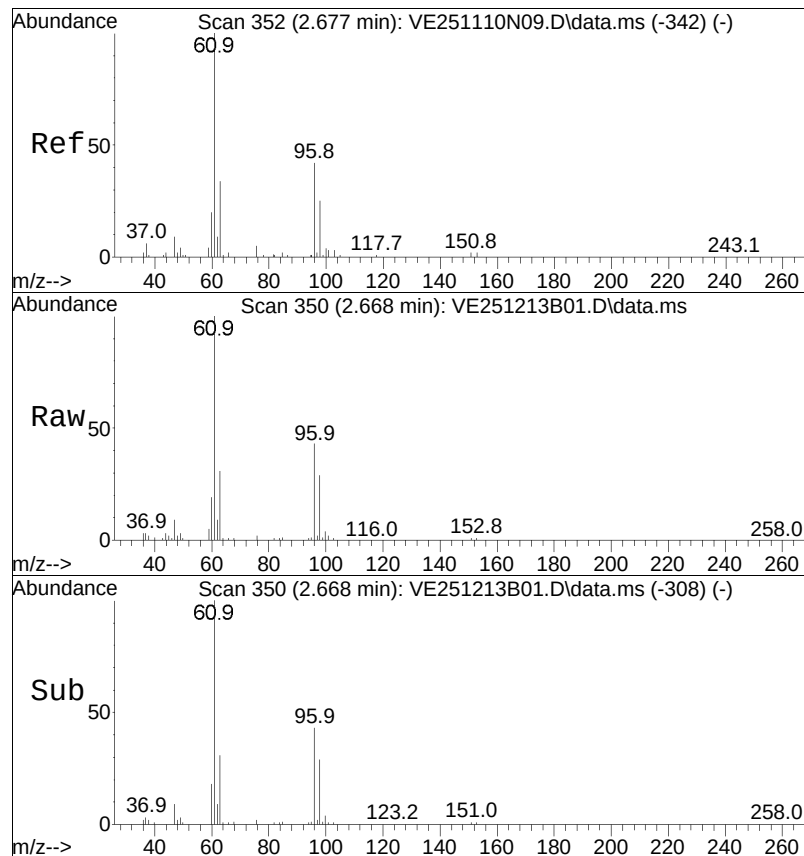




#4
Vinyl chloride
Concen: 9.77 ug/L
RT: 1.704 min Scan# 137
Delta R.T. 0.001 min
Lab File: VE251213B01.D
Acq: 13 Dec 2025 9:34 am

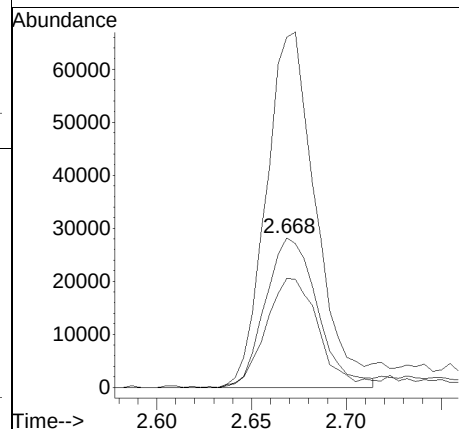
Tgt Ion	Ratio	Lower	Upper
62	100		
64	28.0	10.6	50.6

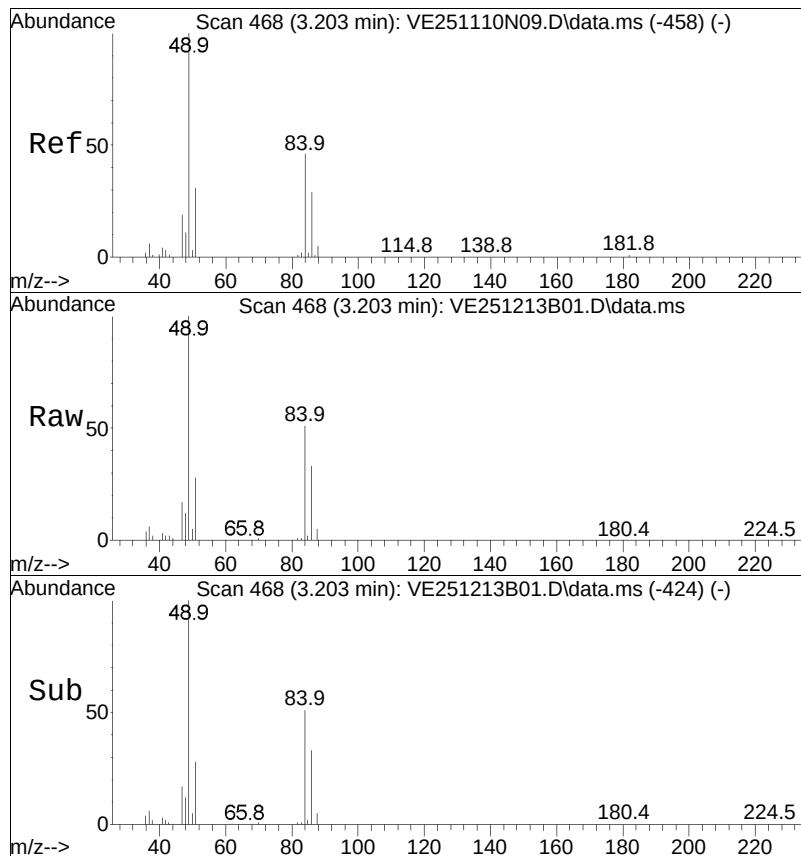




#10
 1,1-Dichloroethene
 Concen: 11.62 ug/L
 RT: 2.668 min Scan# 350
 Delta R.T. -0.009 min
 Lab File: VE251213B01.D
 Acq: 13 Dec 2025 9:34 am

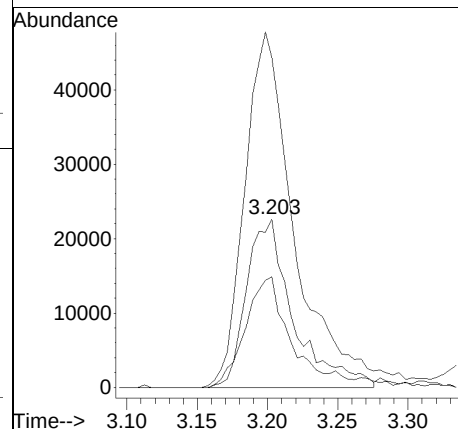
Tgt Ion:	96	Resp:	53787
Ion Ratio	Lower	Upper	
96	100		
61	232.5	190.2	285.2
63	73.7	59.9	89.9

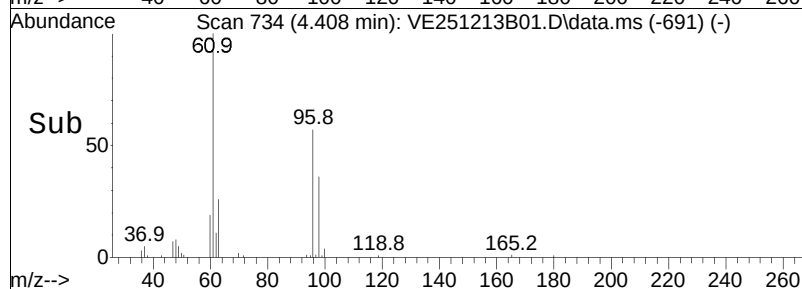
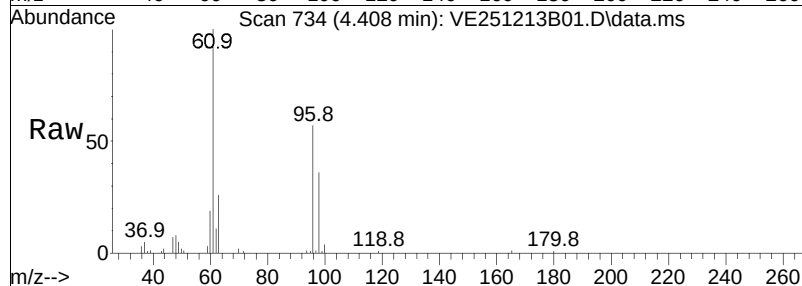
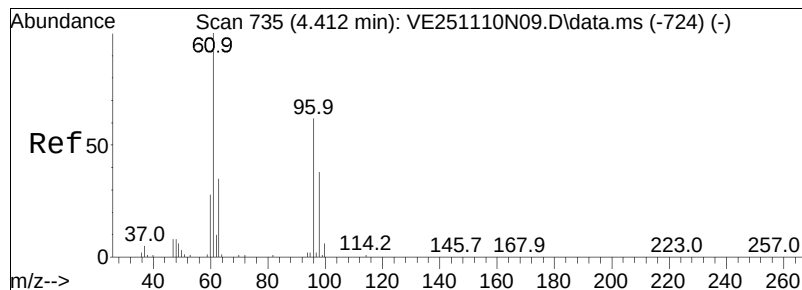




#15
Methylene chloride
Concen: 9.38 ug/L
RT: 3.203 min Scan# 468
Delta R.T. 0.000 min
Lab File: VE251213B01.D
Acq: 13 Dec 2025 9:34 am

Tgt	Ion	Ratio	Lower	Upper
84	100			
86	62.7	41.8	86.8	
49	228.3	141.8	294.6	





#30

cis-1,2-Dichloroethene

Concen: 8.93 ug/L

RT: 4.408 min Scan# 734

Delta R.T. -0.004 min

Lab File: VE251213B01.D

Acq: 13 Dec 2025 9:34 am

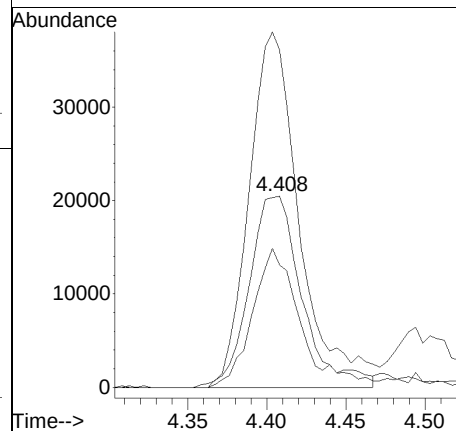
Tgt Ion: 96 Resp: 47387

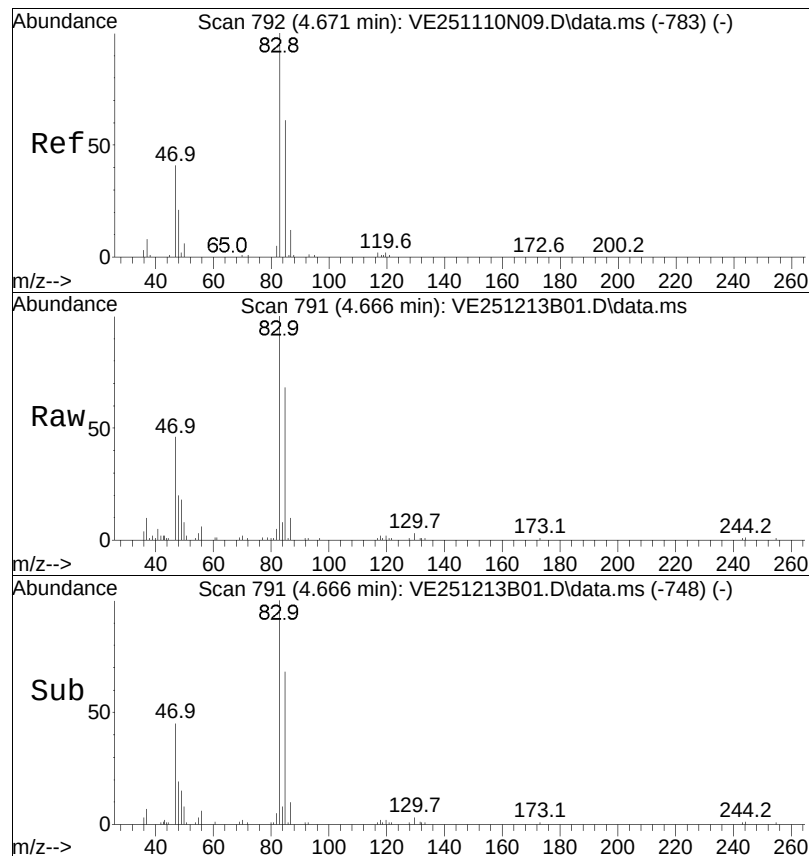
Ion Ratio Lower Upper

96 100

61 179.2 153.3 229.9

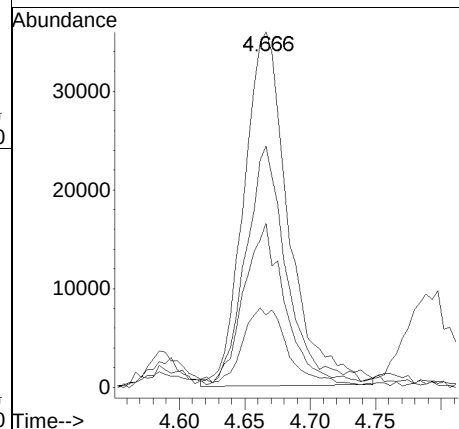
98 66.3 52.8 79.2

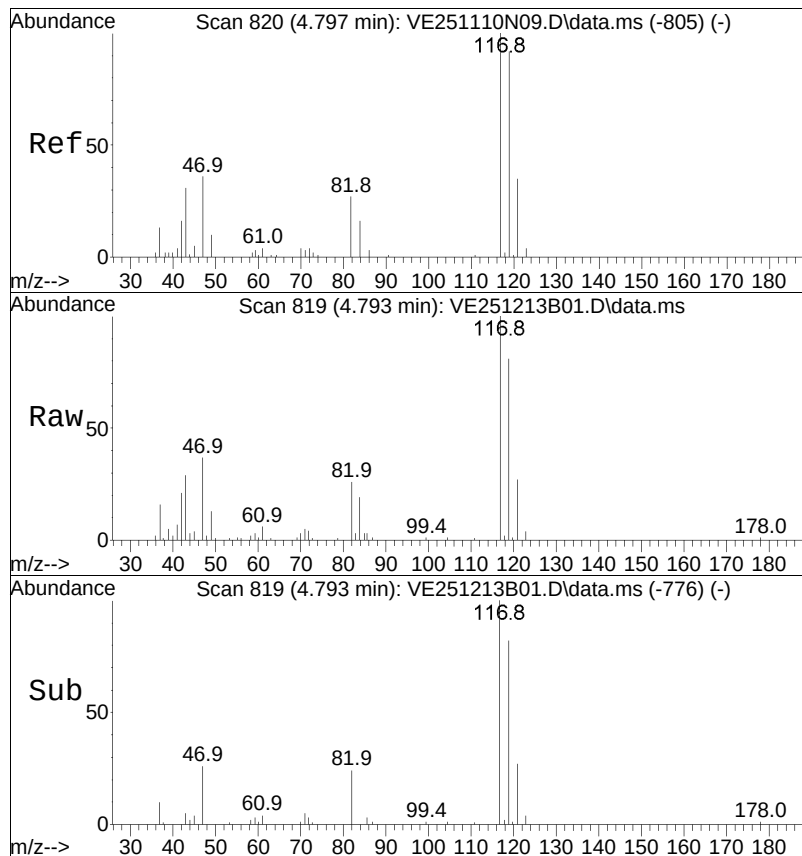




#35
 Chloroform
 Concen: 8.95 ug/L
 RT: 4.666 min Scan# 791
 Delta R.T. -0.005 min
 Lab File: VE251213B01.D
 Acq: 13 Dec 2025 9:34 am

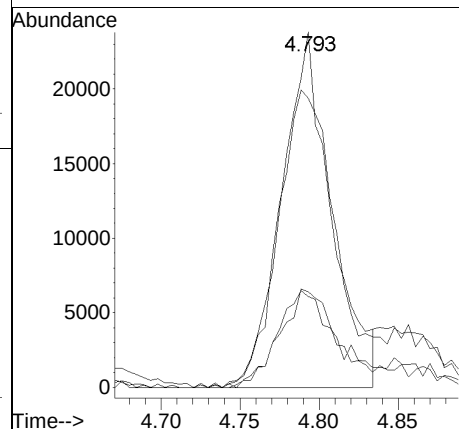
Tgt Ion:	83	Resp:	85690
Ion Ratio	Lower	Upper	
83	100		
85	60.7	42.4	88.2
47	40.9	23.7	49.3
48	22.6	14.4	29.8

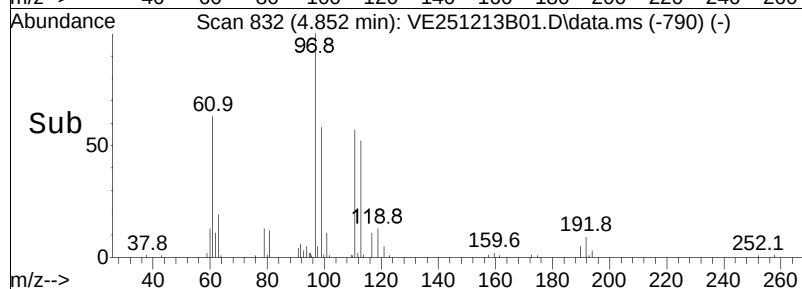
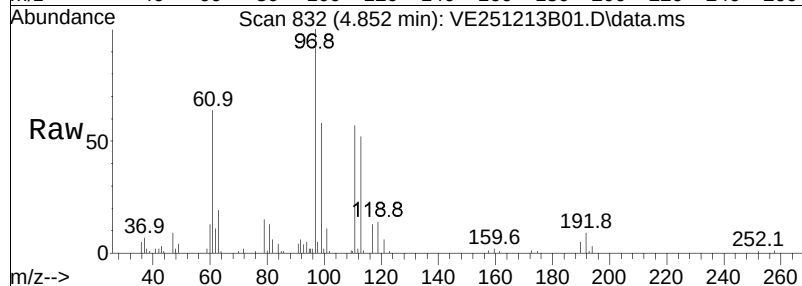
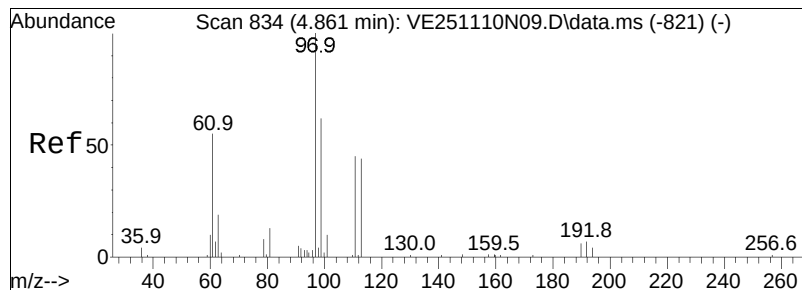




#37
 Carbon tetrachloride
 Concen: 9.15 ug/L
 RT: 4.793 min Scan# 819
 Delta R.T. -0.004 min
 Lab File: VE251213B01.D
 Acq: 13 Dec 2025 9:34 am

Tgt Ion:	117	Resp:	51936
Ion Ratio	Lower	Upper	
117	100		
119	100.0	74.8	155.4
121	31.7	23.5	48.7
82	33.5	22.5	46.7





#40

1,1,1-Trichloroethane

Concen: 9.07 ug/L

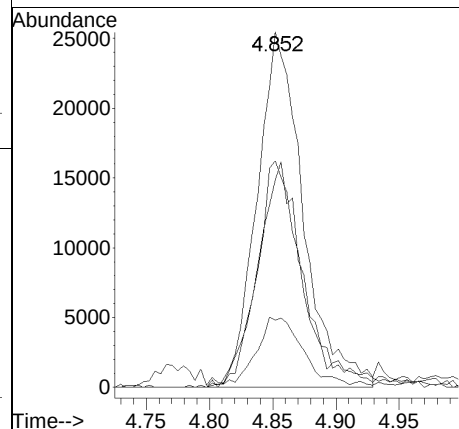
RT: 4.852 min Scan# 832

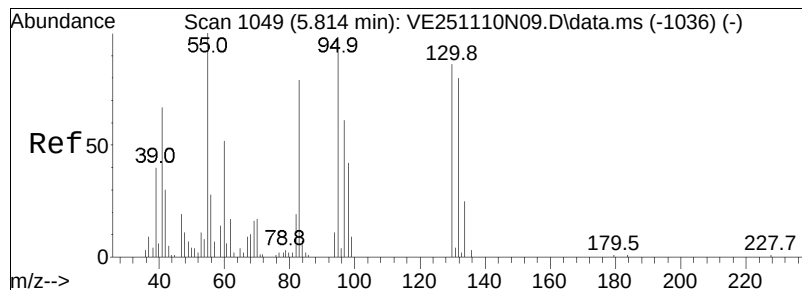
Delta R.T. -0.009 min

Lab File: VE251213B01.D

Acq: 13 Dec 2025 9:34 am

Tgt Ion:	97	Resp:	65037
Ion Ratio	Lower	Upper	
97	100		
99	62.2	40.7	84.5
61	62.7	40.5	84.1
63	20.3	11.8	24.6





#52

Trichloroethene

Concen: 8.61 ug/L

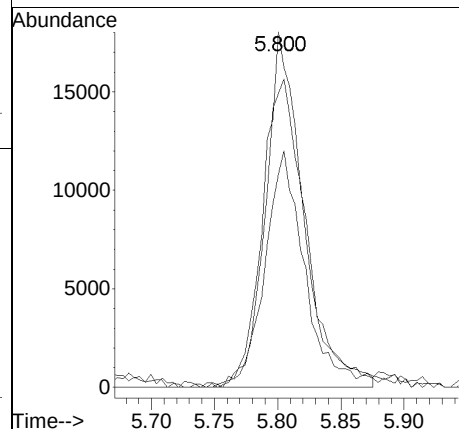
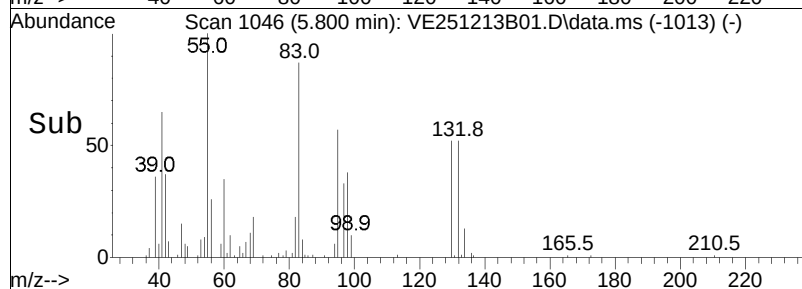
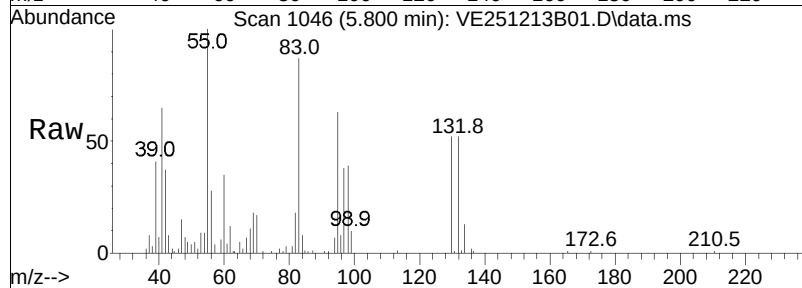
RT: 5.800 min Scan# 1046

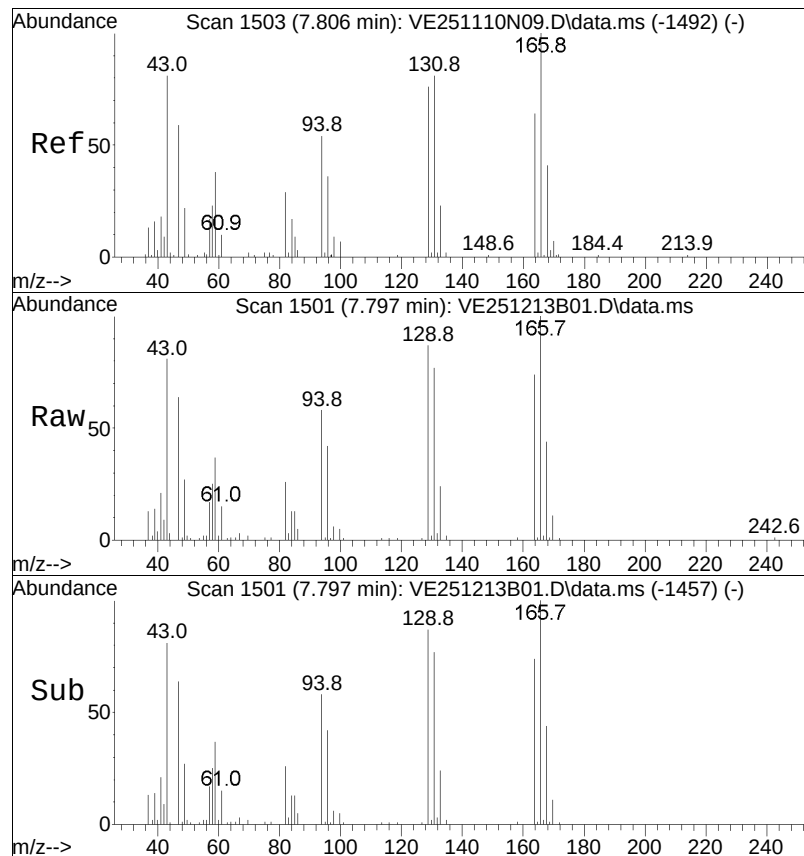
Delta R.T. -0.014 min

Lab File: VE251213B01.D

Acq: 13 Dec 2025 9:34 am

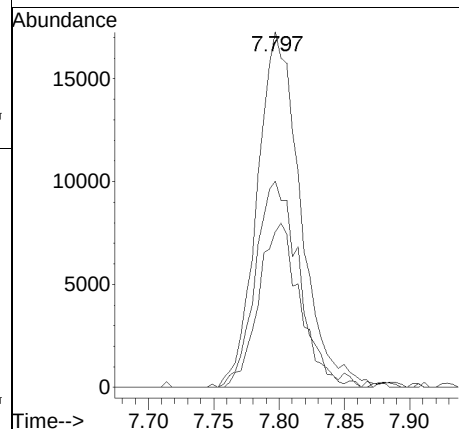
Tgt	Ion: 95	Resp:	39955
Ion	Ratio	Lower	Upper
95	100		
97	66.7	54.4	81.6
130	90.5	73.7	110.5





#67
Tetrachloroethene
Concen: 8.95 ug/L
RT: 7.797 min Scan# 1501
Delta R.T. -0.009 min
Lab File: VE251213B01.D
Acq: 13 Dec 2025 9:34 am

Tgt	Ion:166	Resp:	40005
Ion	Ratio	Lower	Upper
166	100		
168	44.0	27.8	67.8
94	57.8	38.7	78.7



Manual Integration Report

Data Path	: K:\Elaine\2025\251213B\	QMethod	: Elaine_251111N_8260.m
Data File	: VE251213B01.D	Operator	: ELAINE:PID
Date Inj'd	: 12/13/2025 9:34 am	Instrument	: Elaine
Sample	: WG2154750-3,31,10,10	Quant Date	: 12/13/2025 9:55 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B01.D
 Acq On : 15 Dec 2025 10:40 am
 Operator : VOA122:PID
 Sample : WG2154825-3,31,10,10,, (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 11:23:26 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

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

Internal Standards						
1) Fluorobenzene	5.709	96	472150	10.000	ug/L	0.00
62) Chlorobenzene-d5	9.218	117	386766	10.000	ug/L	0.00
83) 1,4-Dichlorobenzene-d4	11.993	152	214808	10.000	ug/L	0.00
System Monitoring Compounds						
38) Dibromofluoromethane	4.911	113	135625	10.819	ug/L	0.00
Spiked Amount	10.000	Range 70 - 130	Recovery	=	108.19%	
46) 1,2-Dichloroethane-d4	5.423	65	117421	9.702	ug/L	0.00
Spiked Amount	10.000	Range 70 - 130	Recovery	=	97.02%	
63) Toluene-d8	7.388	98	489129	9.786	ug/L	0.00
Spiked Amount	10.000	Range 70 - 130	Recovery	=	97.86%	
87) 4-Bromofluorobenzene	10.754	95	173463	9.224	ug/L	0.00
Spiked Amount	10.000	Range 70 - 130	Recovery	=	92.24%	
Target Compounds						
4) Vinyl chloride	1.758	62	87783	10.009	ug/L	96
10) 1,1-Dichloroethene	2.746	96	60842	11.614	ug/L	99
15) Methylene chloride	3.272	84	70256	11.536	ug/L	85
30) cis-1,2-Dichloroethene	4.480	96	68695	11.060	ug/L	99
34) Chloroform	4.739	83	109901	10.361	ug/L	97
36) Carbon tetrachloride	4.872	117	91271	11.175	ug/L	99
39) 1,1,1-Trichloroethane	4.935	97	100432	10.923	ug/L	99
51) Trichloroethene	5.884	95	61850	9.523	ug/L	98
66) Tetrachloroethene	7.888	166	74601	11.487	ug/L	99

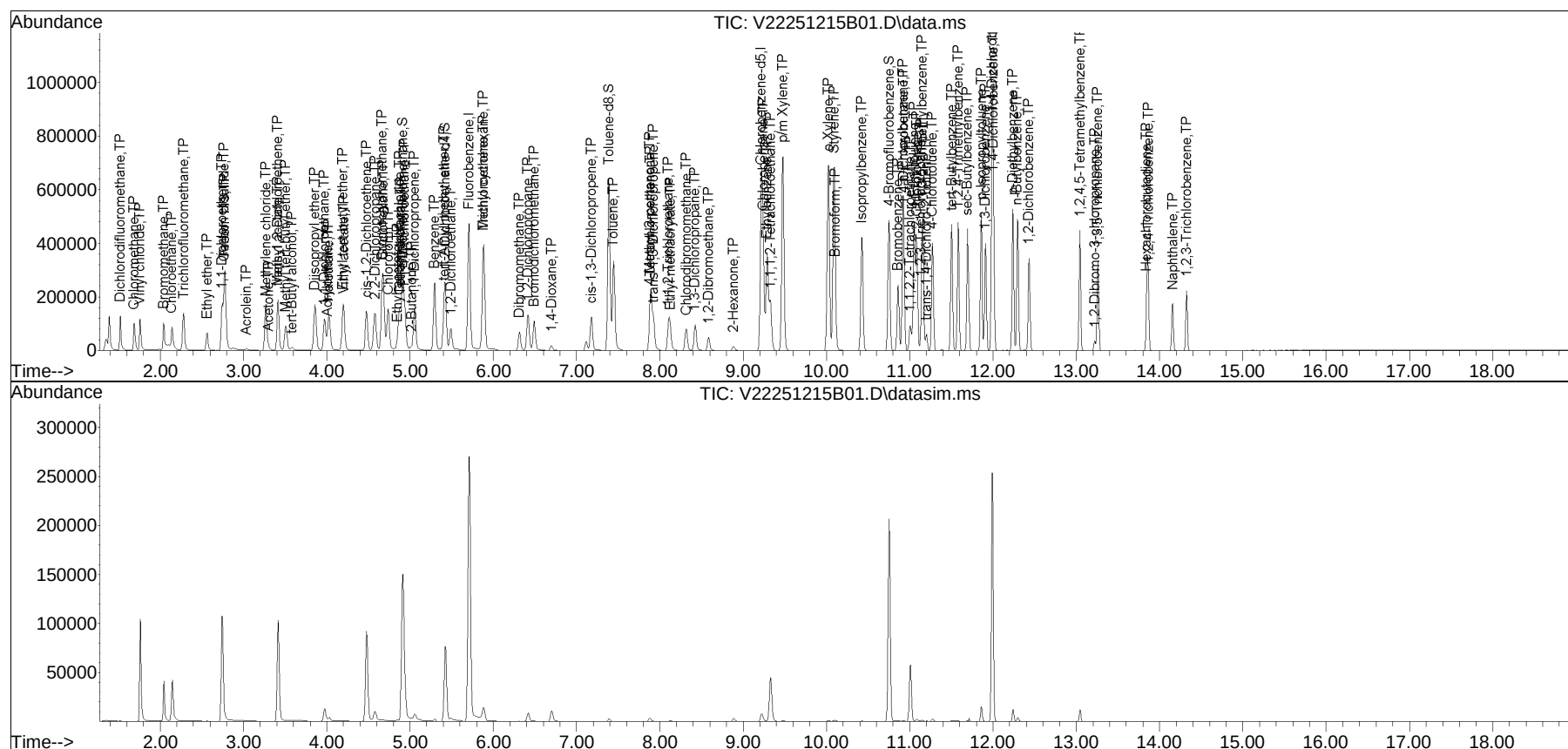
(#) = qualifier out of range (m) = manual integration (+) = signals summed

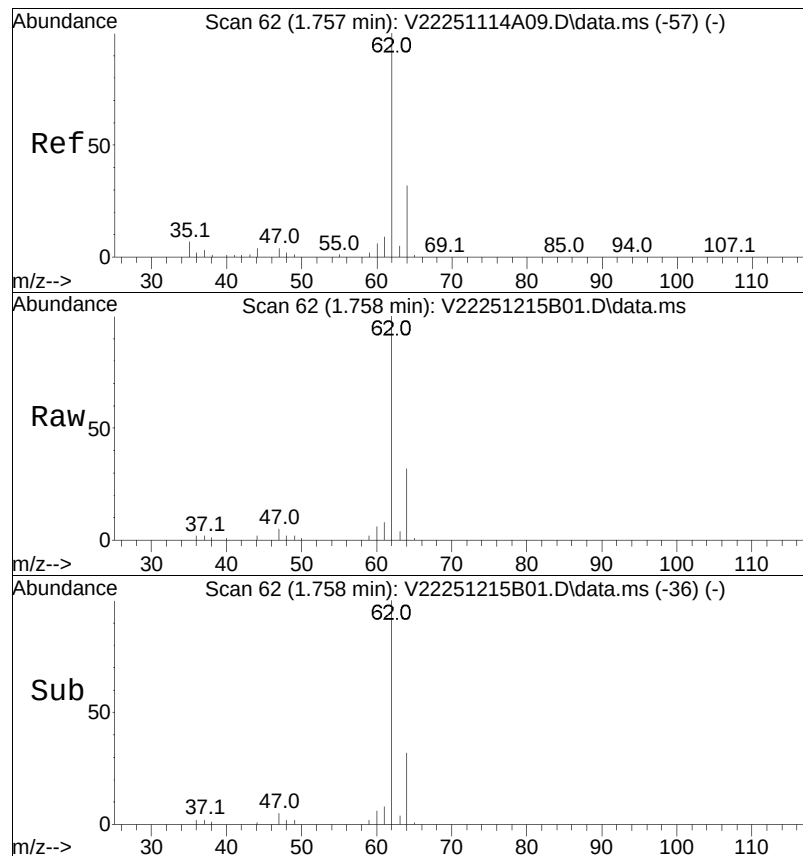
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B01.D
 Acq On : 15 Dec 2025 10:40 am
 Operator : VOA122:PID
 Sample : WG2154825-3,31,10,10,, (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 11:23:26 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

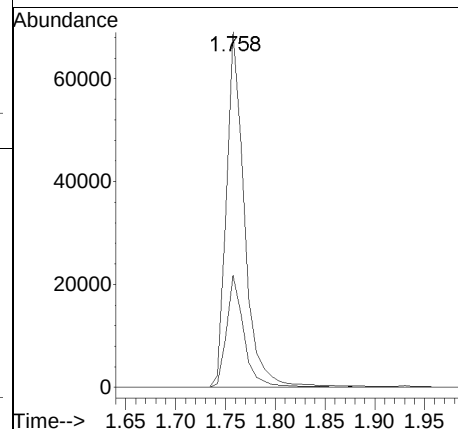
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

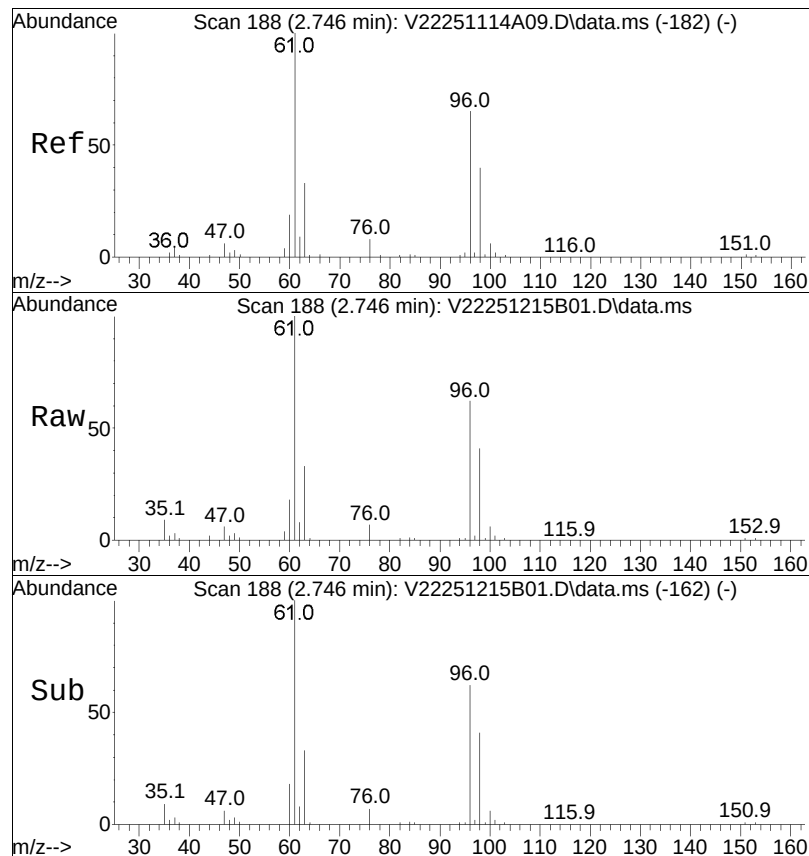




#4
 Vinyl chloride
 Concen: 10.01 ug/L
 RT: 1.758 min Scan# 62
 Delta R.T. 0.001 min
 Lab File: V22251215B01.D
 Acq: 15 Dec 2025 10:40 am

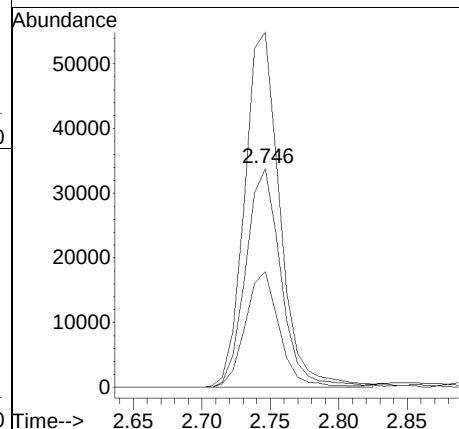
Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.3	12.5	52.5

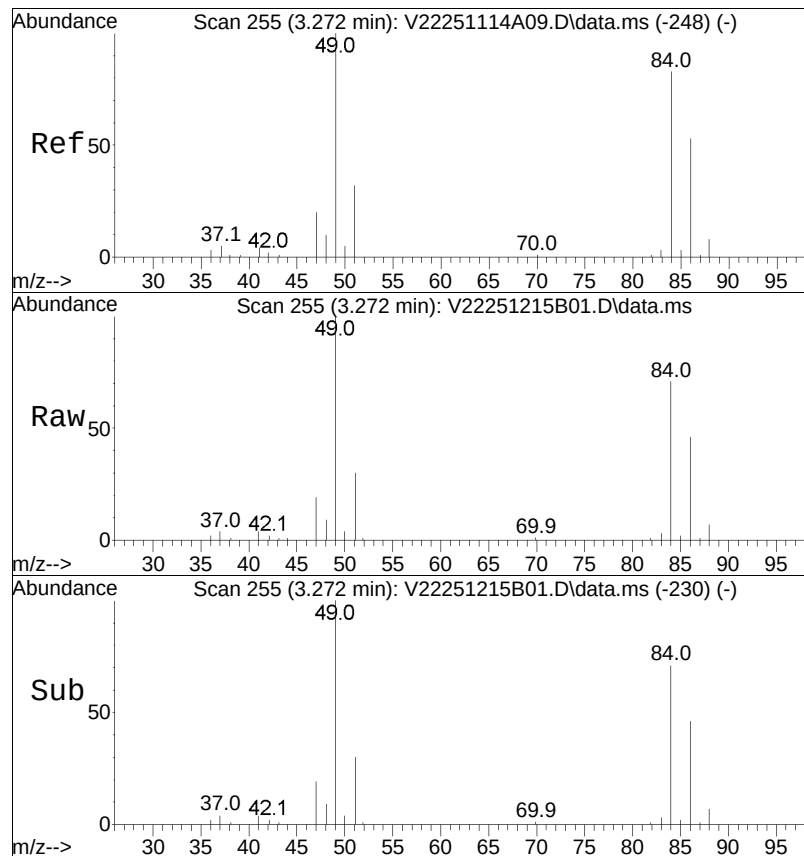




#10
 1,1-Dichloroethene
 Concen: 11.61 ug/L
 RT: 2.746 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: V22251215B01.D
 Acq: 15 Dec 2025 10:40 am

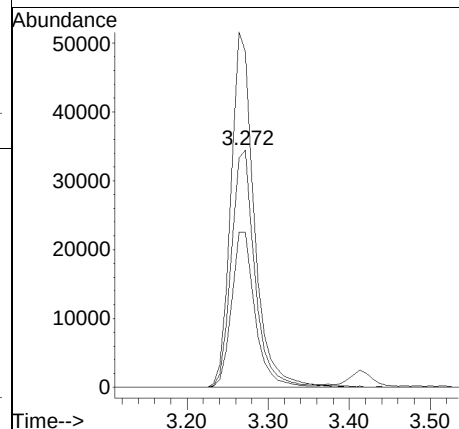
Tgt Ion:	96	Resp:	60842
Ion Ratio	Lower	Upper	
96	100		
61	162.3	128.4	192.6
63	51.0	41.8	62.6

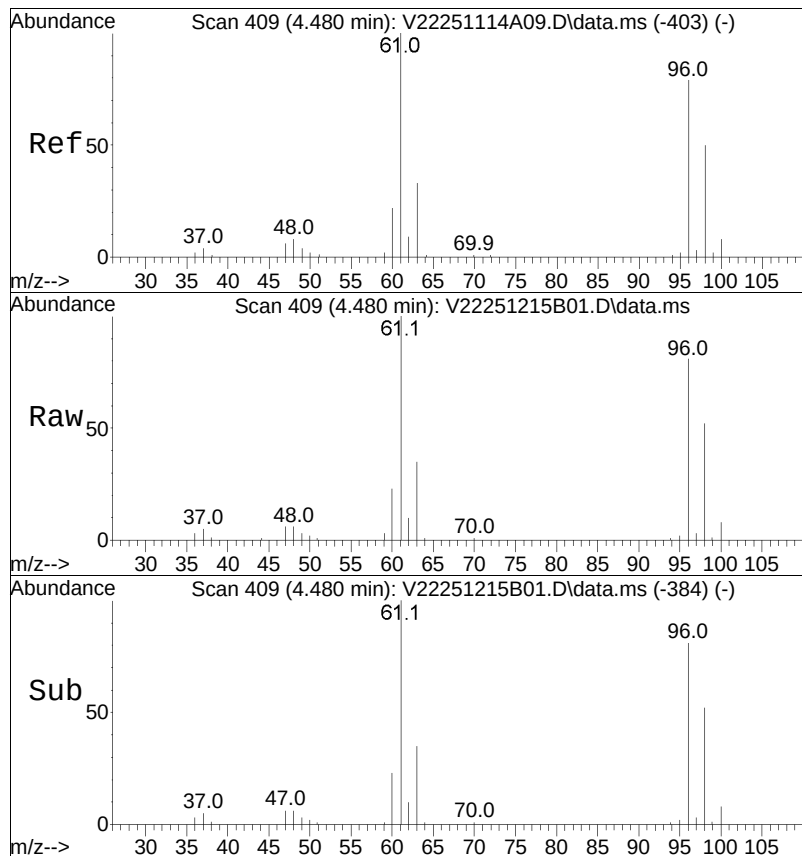




#15
Methylene chloride
Concen: 11.54 ug/L
RT: 3.272 min Scan# 255
Delta R.T. -0.000 min
Lab File: V22251215B01.D
Acq: 15 Dec 2025 10:40 am

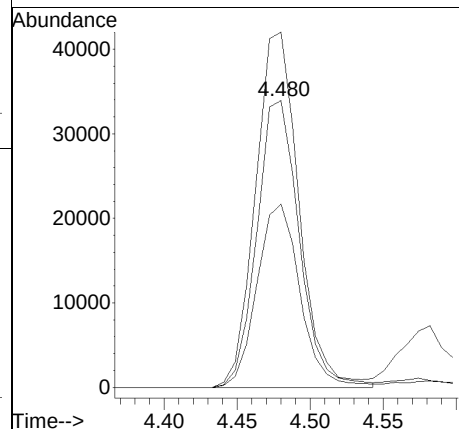
Tgt Ion	Ratio	Lower	Upper
84	100		
86	65.2	41.3	85.7
49	146.1	79.7	165.5

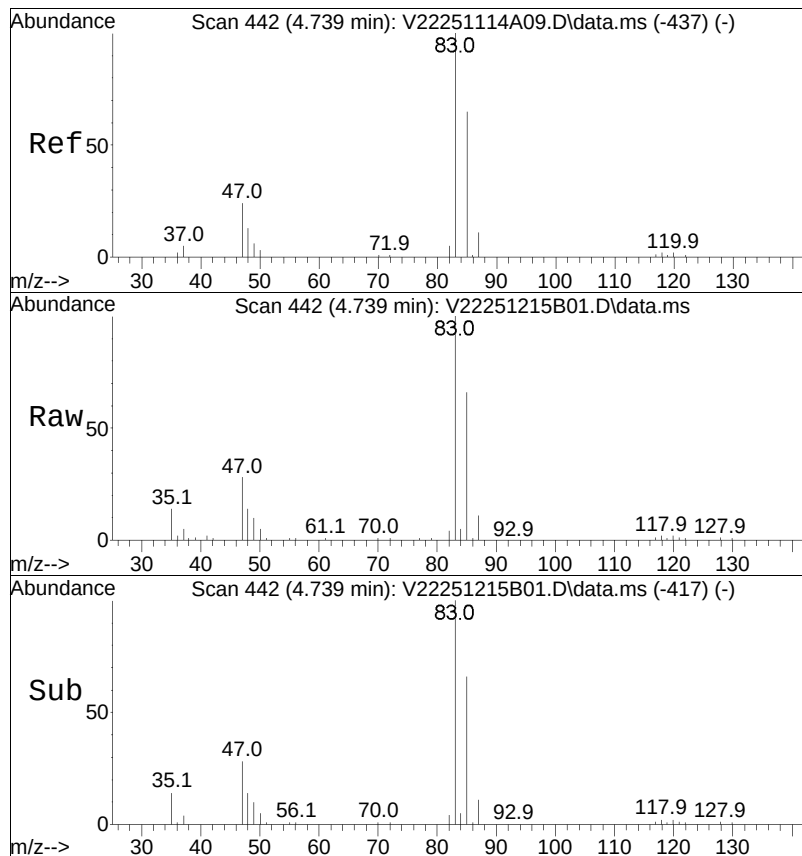




#30
 cis-1,2-Dichloroethene
 Concen: 11.06 ug/L
 RT: 4.480 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: V22251215B01.D
 Acq: 15 Dec 2025 10:40 am

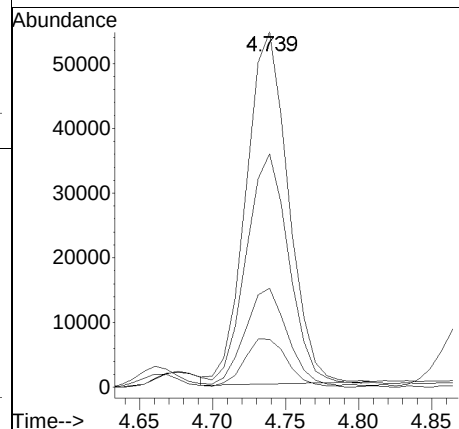
Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.1	102.3	153.5
98	64.8	51.3	76.9

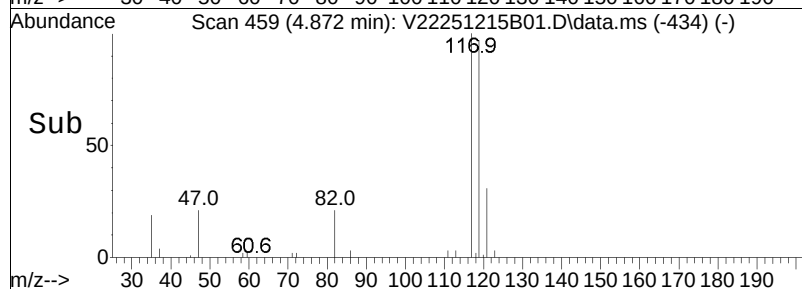
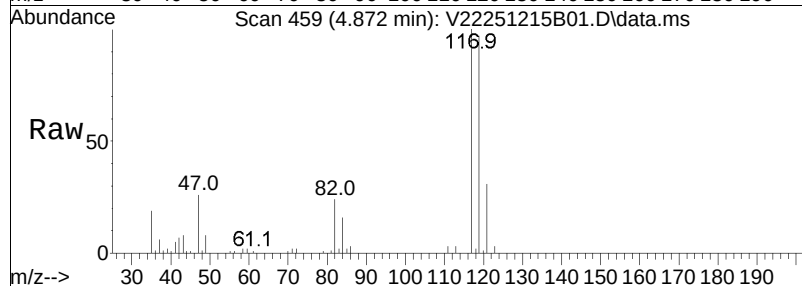
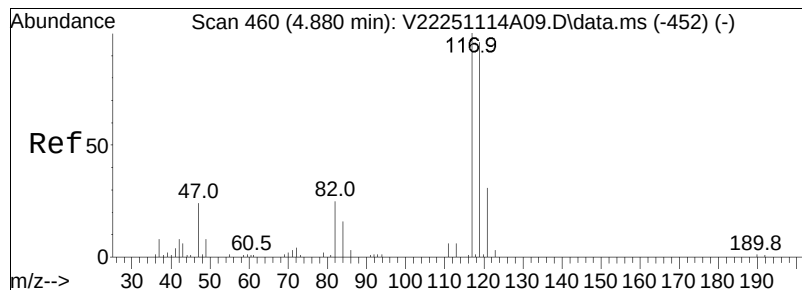




#34
 Chloroform
 Concen: 10.36 ug/L
 RT: 4.739 min Scan# 442
 Delta R.T. -0.000 min
 Lab File: V22251215B01.D
 Acq: 15 Dec 2025 10:40 am

Tgt Ion:	83	Resp:	109901
Ion Ratio	Lower	Upper	
83	100		
85	66.4	42.2	87.6
47	27.3	16.1	33.5
48	14.2	9.0	18.6





#36

Carbon tetrachloride

Concen: 11.17 ug/L

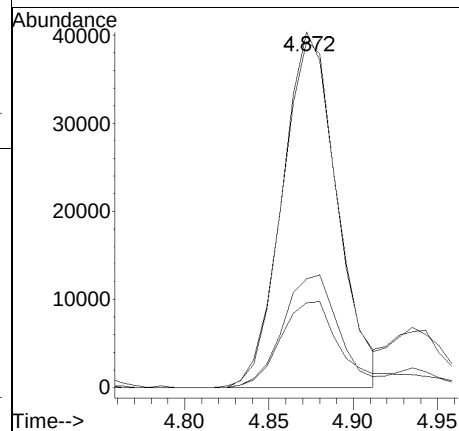
RT: 4.872 min Scan# 459

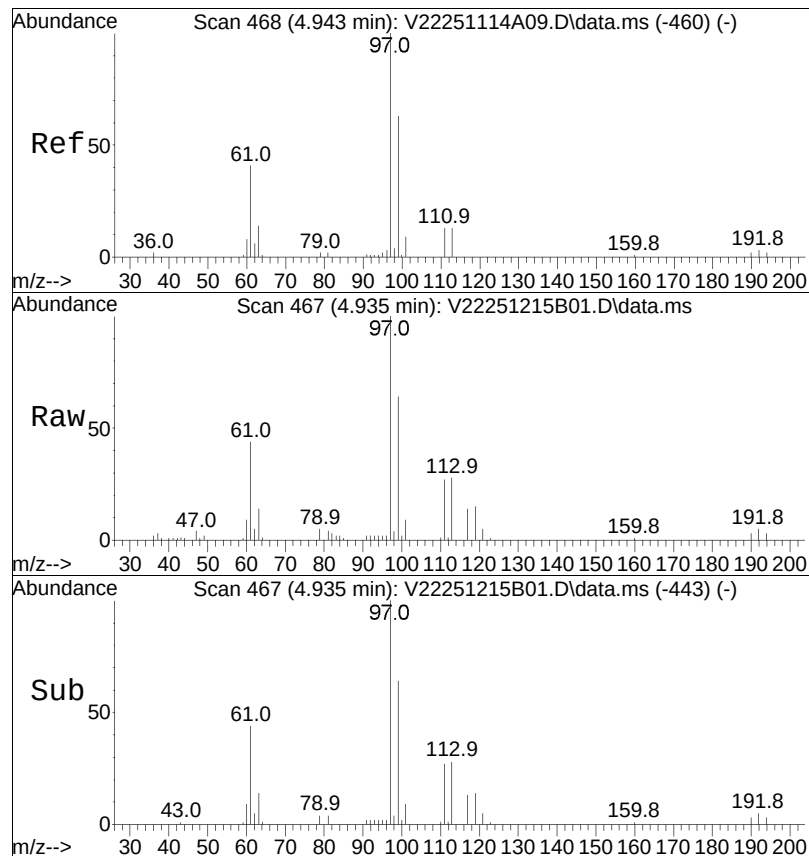
Delta R.T. -0.008 min

Lab File: V22251215B01.D

Acq: 15 Dec 2025 10:40 am

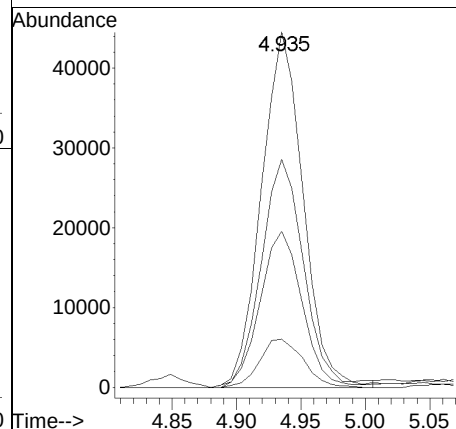
Tgt Ion:	117	Resp:	91271
Ion Ratio	Lower	Upper	
117	100		
119	98.5	63.1	131.1
121	31.9	20.4	42.4
82	30.0	19.7	40.9

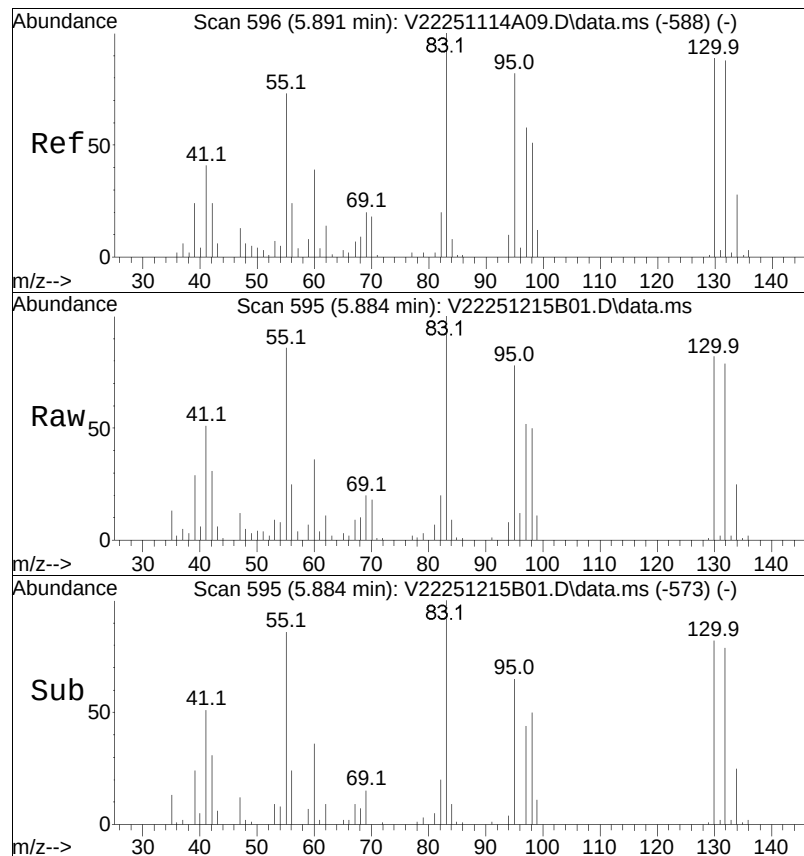




#39
 1,1,1-Trichloroethane
 Concen: 10.92 ug/L
 RT: 4.935 min Scan# 467
 Delta R.T. -0.008 min
 Lab File: V22251215B01.D
 Acq: 15 Dec 2025 10:40 am

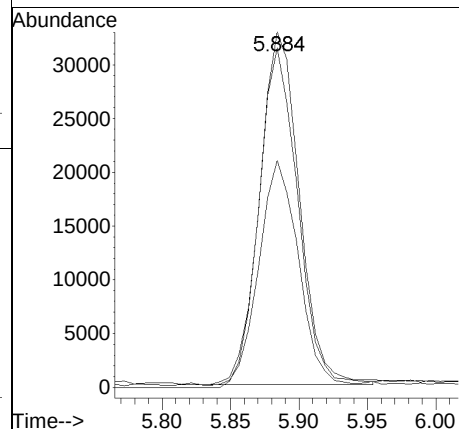
Tgt Ion:	97	Resp:	100432
Ion Ratio	Lower	Upper	
97	100		
99	65.6	41.7	86.5
61	44.5	28.7	59.5
63	14.2	9.2	19.2

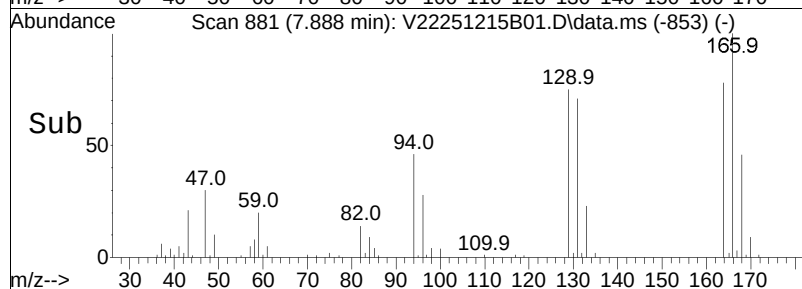
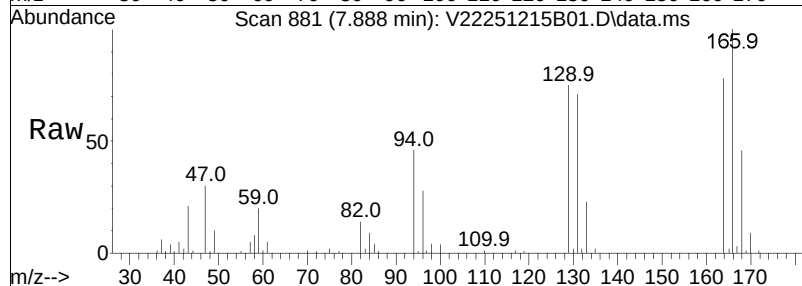
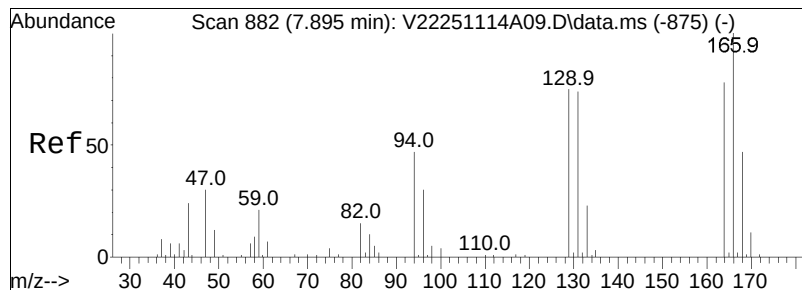




#51
 Trichloroethene
 Concen: 9.52 ug/L
 RT: 5.884 min Scan# 595
 Delta R.T. -0.007 min
 Lab File: V22251215B01.D
 Acq: 15 Dec 2025 10:40 am

Tgt Ion:	95	Resp:	61850
Ion Ratio	Lower	Upper	
95	100		
97	67.7	54.7	82.1
130	110.1	85.9	128.9





#66

Tetrachloroethene

Concen: 11.49 ug/L

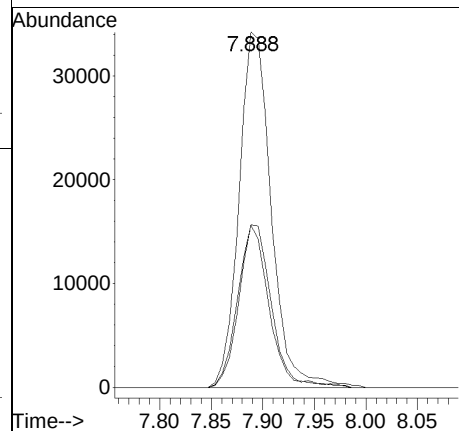
RT: 7.888 min Scan# 881

Delta R.T. -0.007 min

Lab File: V22251215B01.D

Acq: 15 Dec 2025 10:40 am

Tgt Ion:	166	Resp:	74601
Ion Ratio	Lower	Upper	
166	100		
168	46.1	27.0	67.0
94	44.5	25.5	65.5



Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B02.D
 Acq On : 13 Dec 2025 9:58 am
 Operator : ELAINE:PID
 Sample : WG2154750-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154750,ICAL22806 (Sig #1); WG,ICAL22806 (Sig #2)
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 10:18:46 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\251213B\VE251213B01.D
 Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

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

Internal Standards						
1) Fluorobenzene	5.634	96	202867	10.000	ug/L	0.00
Standard Area 1 = 207609			Recovery	=	97.72%	
63) Chlorobenzene-d5	9.127	117	169221	10.000	ug/L	0.00
Standard Area 1 = 169400			Recovery	=	99.89%	
84) 1,4-Dichlorobenzene-d4	11.911	152	88553	10.000	ug/L	0.00
Standard Area 1 = 90047			Recovery	=	98.34%	
System Monitoring Compounds						
39) Dibromofluoromethane	4.838	113	55154	9.864	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.64%	
47) 1,2-Dichloroethane-d4	5.349	65	73326	9.626	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.26%	
64) Toluene-d8	7.301	98	227400	10.041	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.41%	
88) 4-Bromofluorobenzene	10.664	95	85692	10.151	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.51%	
Target Compounds						
						Qvalue
4) Vinyl chloride	1.703	62	68161	9.845	ug/L	97
10) 1,1-Dichloroethene	2.668	96	44907	9.926	ug/L	95
15) Methylene chloride	3.203	84	53150	9.655	ug/L	94
30) cis-1,2-Dichloroethene	4.408	96	47293	9.124	ug/L	86
35) Chloroform	4.671	83	81846	8.738	ug/L	97
37) Carbon tetrachloride	4.793	117	50189	9.054	ug/L	85
40) 1,1,1-Trichloroethane	4.852	97	60913	8.696	ug/L	96
52) Trichloroethene	5.809	95	36204	7.981	ug/L	96
67) Tetrachloroethene	7.806	166	39089	8.753	ug/L	96

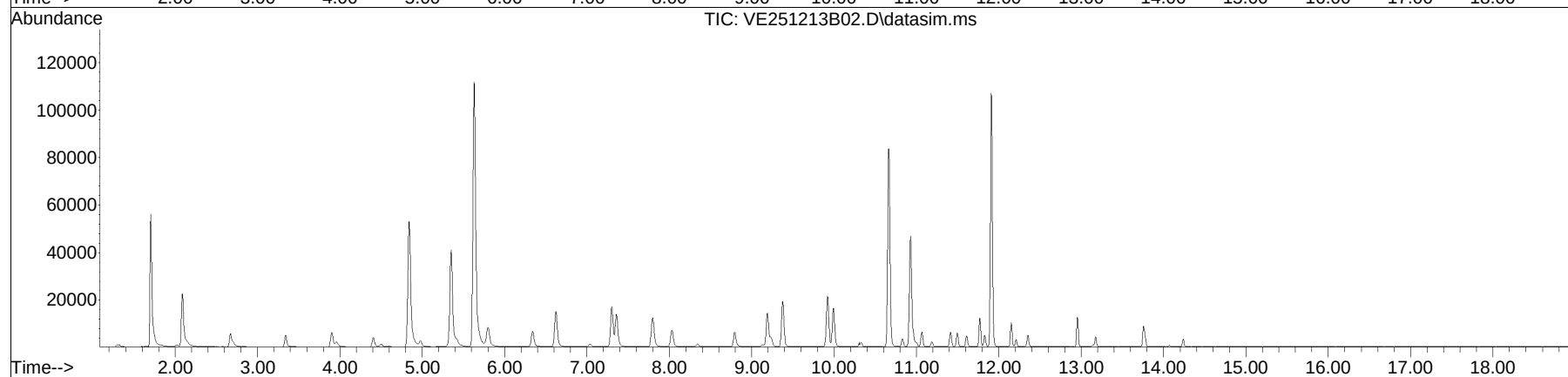
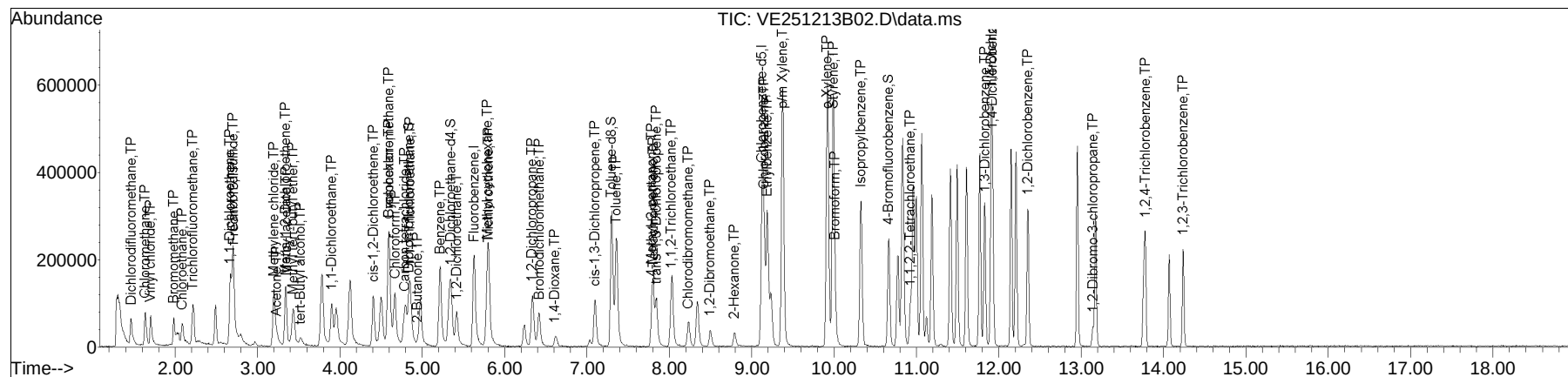
(#) = qualifier out of range (m) = manual integration (+) = signals summed

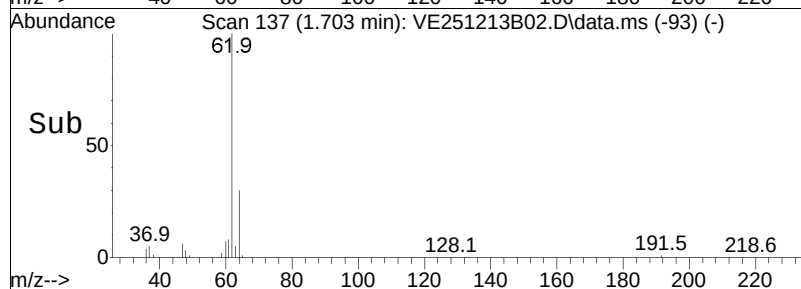
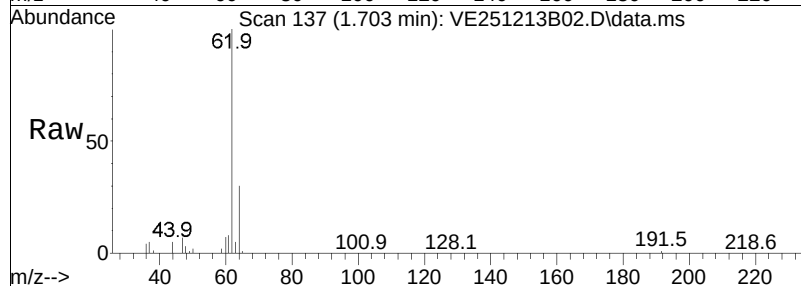
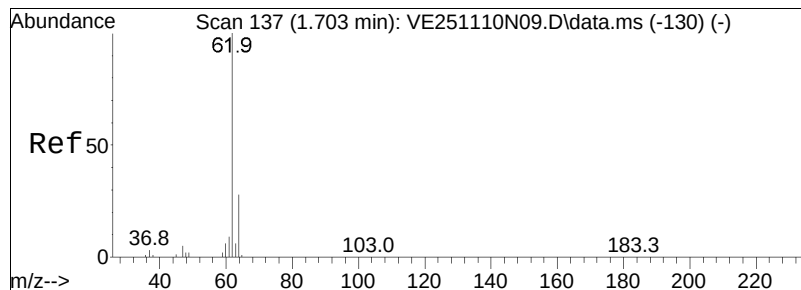
Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\251213B\
 Data File : VE251213B02.D
 Acq On : 13 Dec 2025 9:58 am
 Operator : ELAINE:PID
 Sample : WG2154750-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154750,ICAL22806 (Sig #1); WG,ICAL22806 (Sig #2)
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 10:18:46 2025
 Quant Method : K:\Elaine\2025\251213B\Elaine_251111N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Wed Nov 12 12:15:18 2025
 Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist





#4

Vinyl chloride

Concen: 9.85 ug/L

RT: 1.703 min Scan# 137

Delta R.T. 0.000 min

Lab File: VE251213B02.D

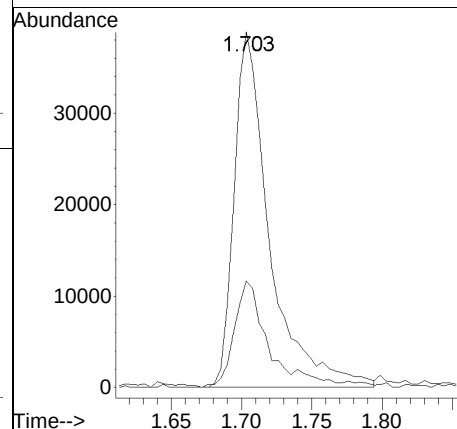
Acq: 13 Dec 2025 9:58 am

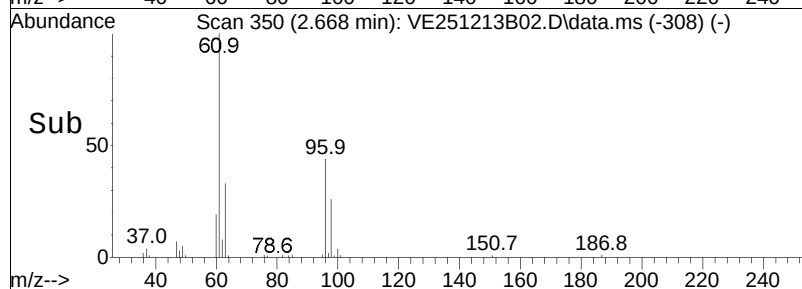
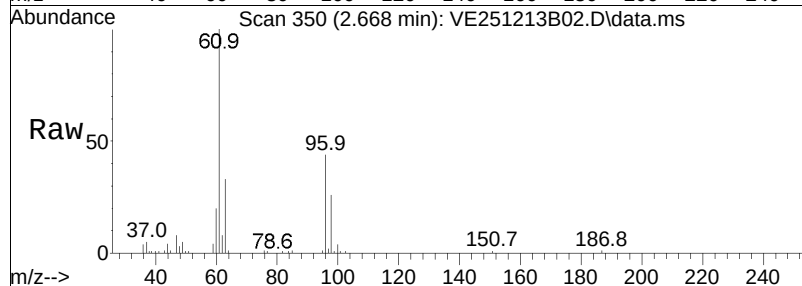
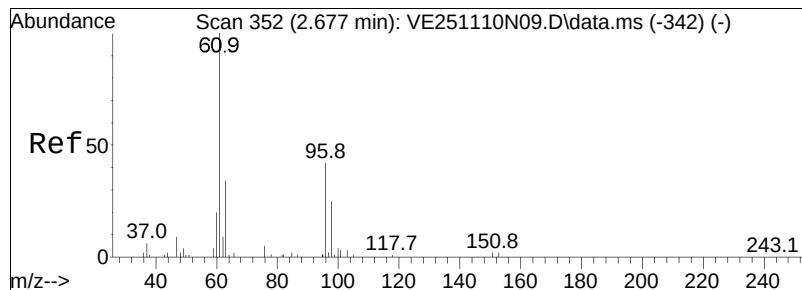
Tgt Ion: 62 Resp: 68161

Ion Ratio Lower Upper

62 100

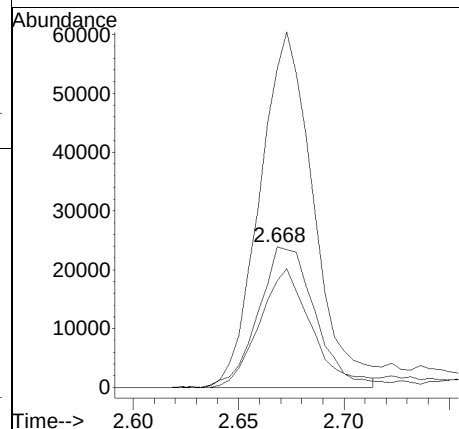
64 28.9 10.6 50.6

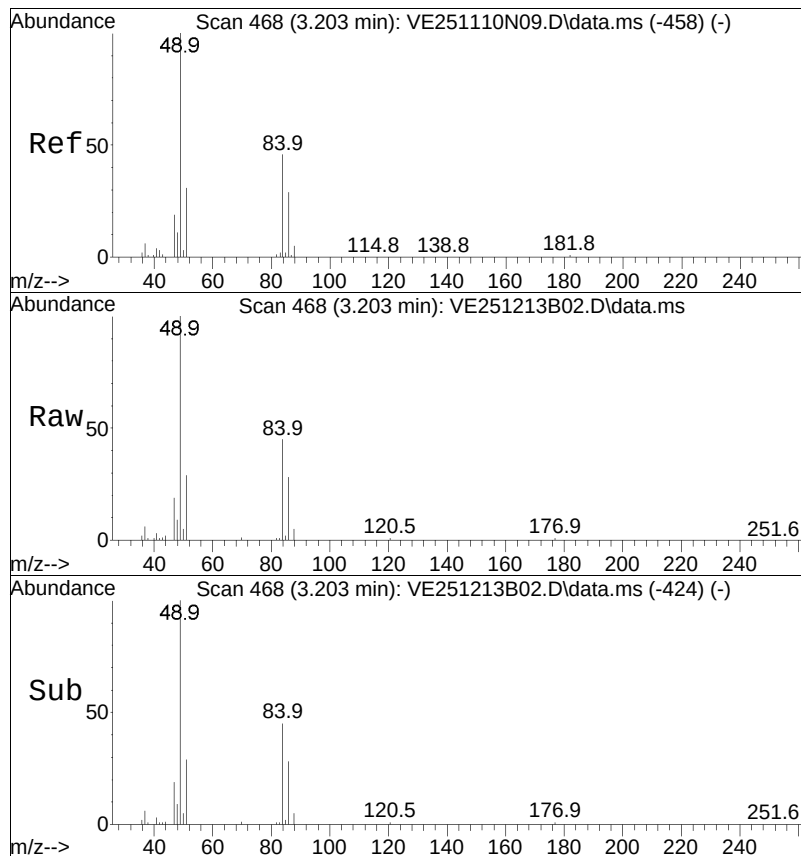




#10
 1,1-Dichloroethene
 Concen: 9.93 ug/L
 RT: 2.668 min Scan# 350
 Delta R.T. -0.009 min
 Lab File: VE251213B02.D
 Acq: 13 Dec 2025 9:58 am

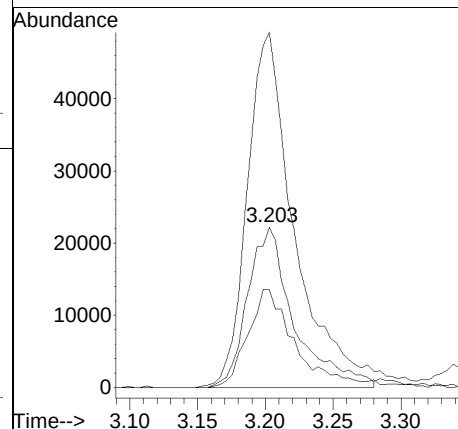
Tgt Ion	Ratio	Lower	Upper
96	100		
61	246.6	190.2	285.2
63	78.1	59.9	89.9

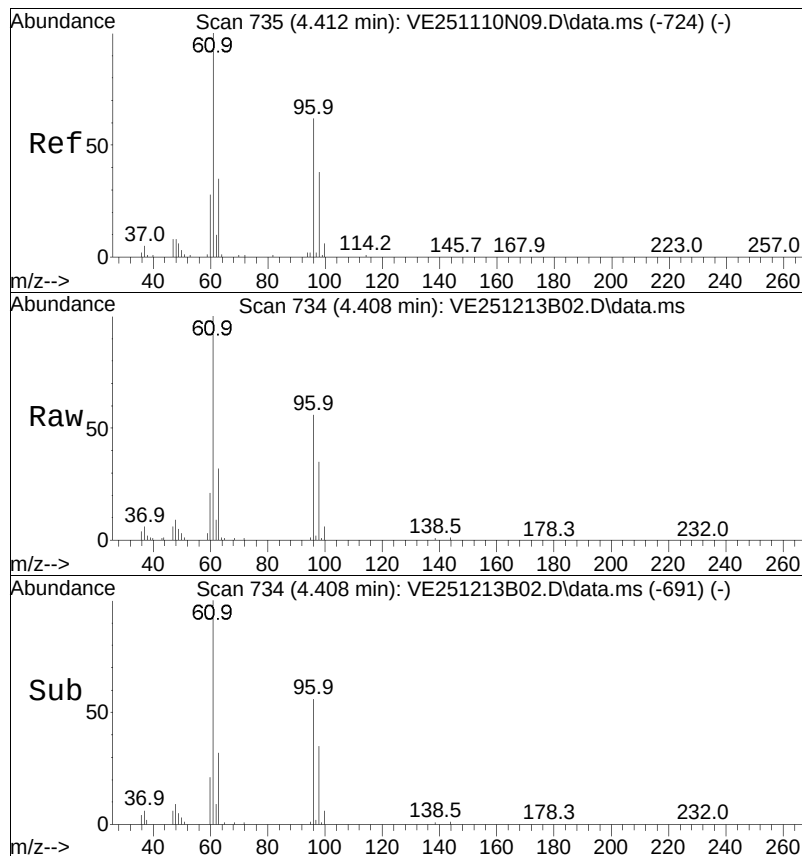




#15
 Methylene chloride
 Concen: 9.65 ug/L
 RT: 3.203 min Scan# 468
 Delta R.T. -0.000 min
 Lab File: VE251213B02.D
 Acq: 13 Dec 2025 9:58 am

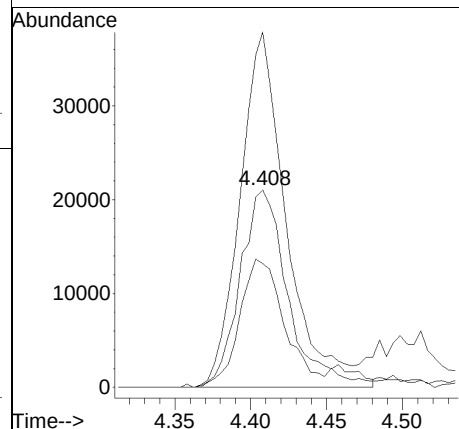
Tgt Ion	Ratio	Lower	Upper
84	100		
86	62.3	41.8	86.8
49	228.5	141.8	294.6

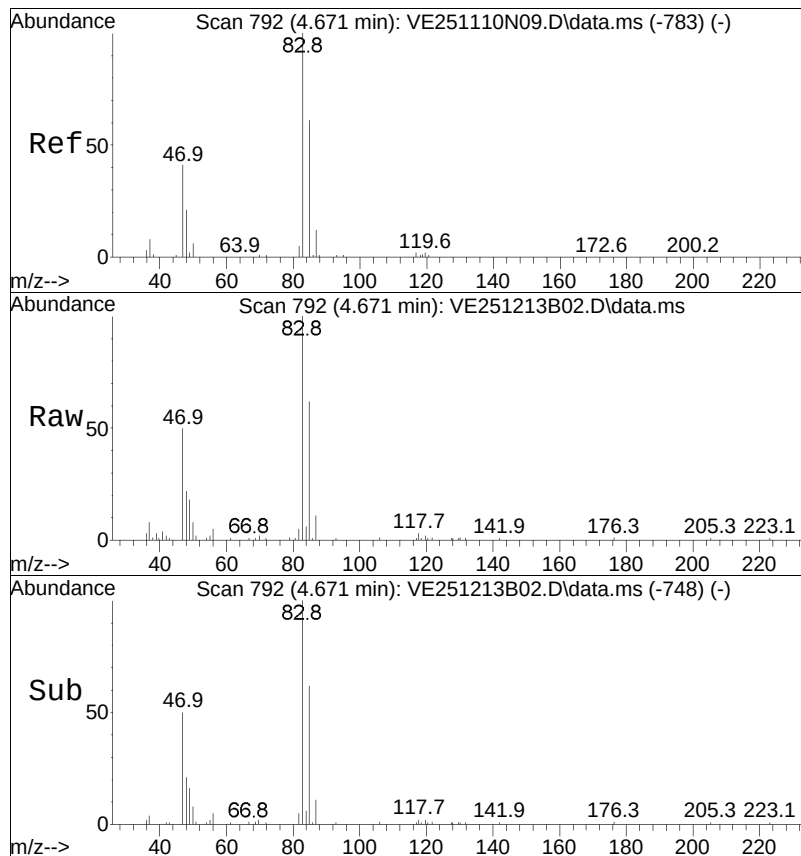




#30
 cis-1,2-Dichloroethene
 Concen: 9.12 ug/L
 RT: 4.408 min Scan# 734
 Delta R.T. -0.004 min
 Lab File: VE251213B02.D
 Acq: 13 Dec 2025 9:58 am

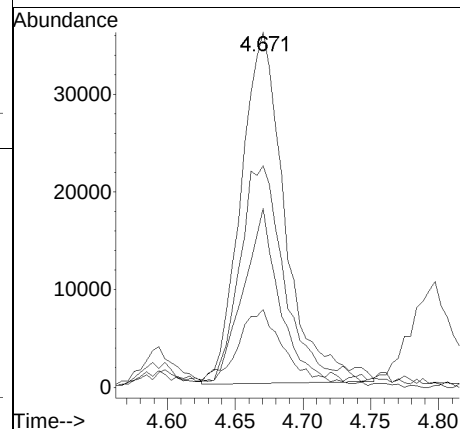
Tgt Ion:	96	Resp:	47293
Ion Ratio	Lower	Upper	
96	100		
61	168.4	153.3	229.9
98	59.7	52.8	79.2

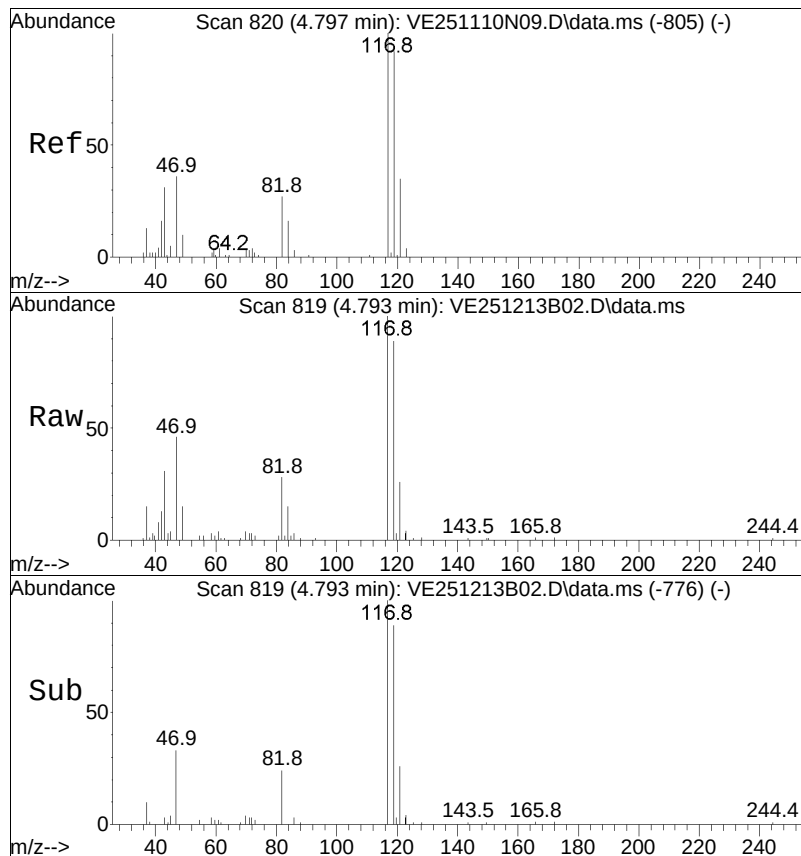




#35
 Chloroform
 Concen: 8.74 ug/L
 RT: 4.671 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VE251213B02.D
 Acq: 13 Dec 2025 9:58 am

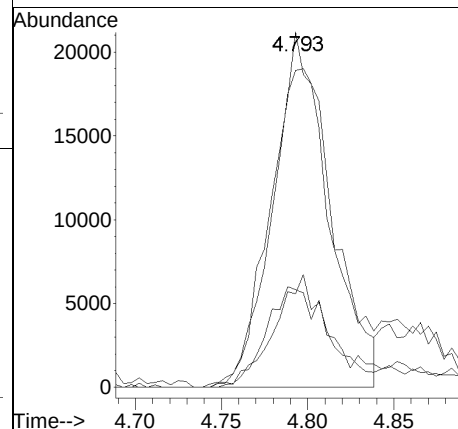
Tgt	Ion: 83	Resp:	81846
Ion	Ratio	Lower	Upper
83	100		
85	66.3	42.4	88.2
47	40.9	23.7	49.3
48	23.3	14.4	29.8

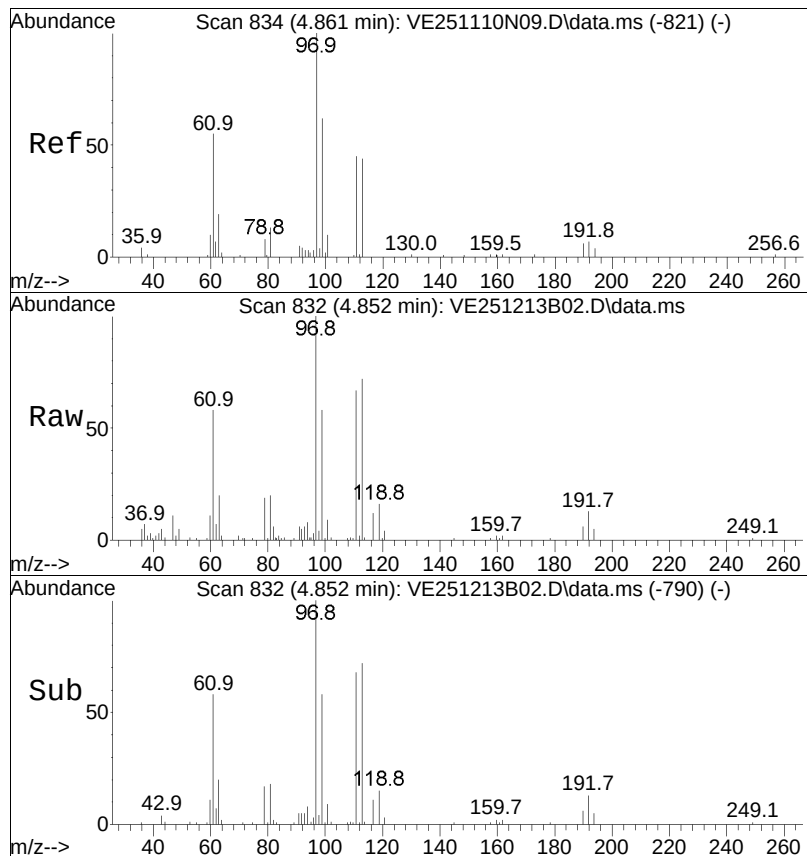




#37
 Carbon tetrachloride
 Concen: 9.05 ug/L
 RT: 4.793 min Scan# 819
 Delta R.T. -0.004 min
 Lab File: VE251213B02.D
 Acq: 13 Dec 2025 9:58 am

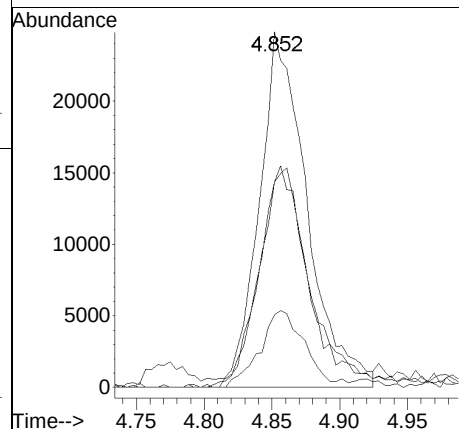
Tgt Ion:	117	Resp:	50189
Ion Ratio	Lower	Upper	
117	100		
119	94.5	74.8	155.4
121	29.2	23.5	48.7
82	32.1	22.5	46.7

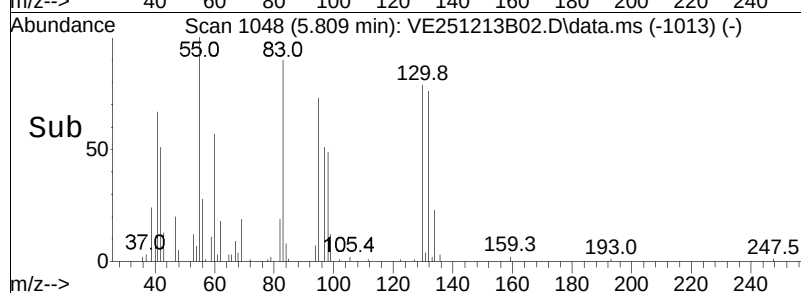
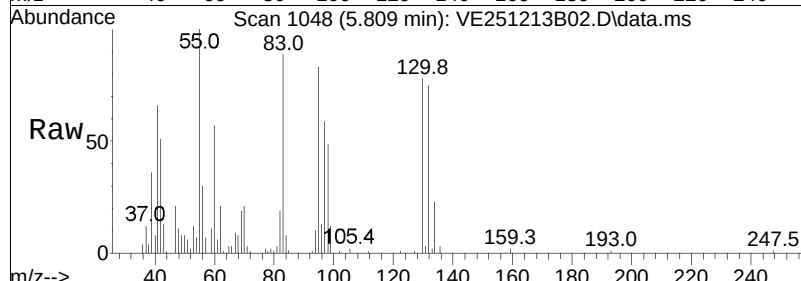
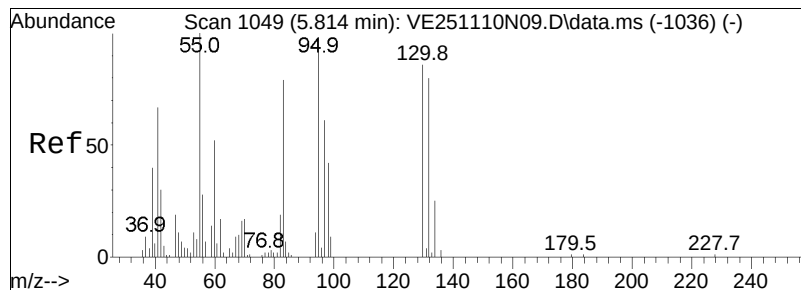




#40
 1,1,1-Trichloroethane
 Concen: 8.70 ug/L
 RT: 4.852 min Scan# 832
 Delta R.T. -0.009 min
 Lab File: VE251213B02.D
 Acq: 13 Dec 2025 9:58 am

Tgt Ion:	97	Resp:	60913
Ion Ratio	Lower	Upper	
97	100		
99	66.2	40.7	84.5
61	60.5	40.5	84.1
63	20.1	11.8	24.6





#52

Trichloroethene

Concen: 7.98 ug/L

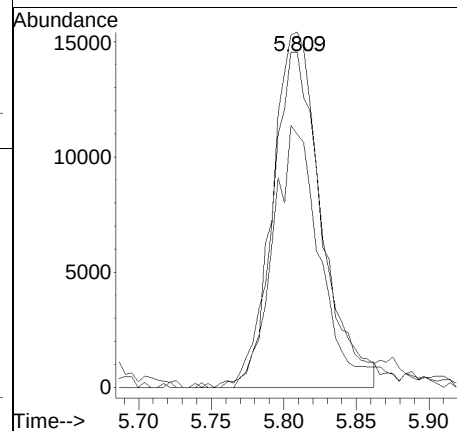
RT: 5.809 min Scan# 1048

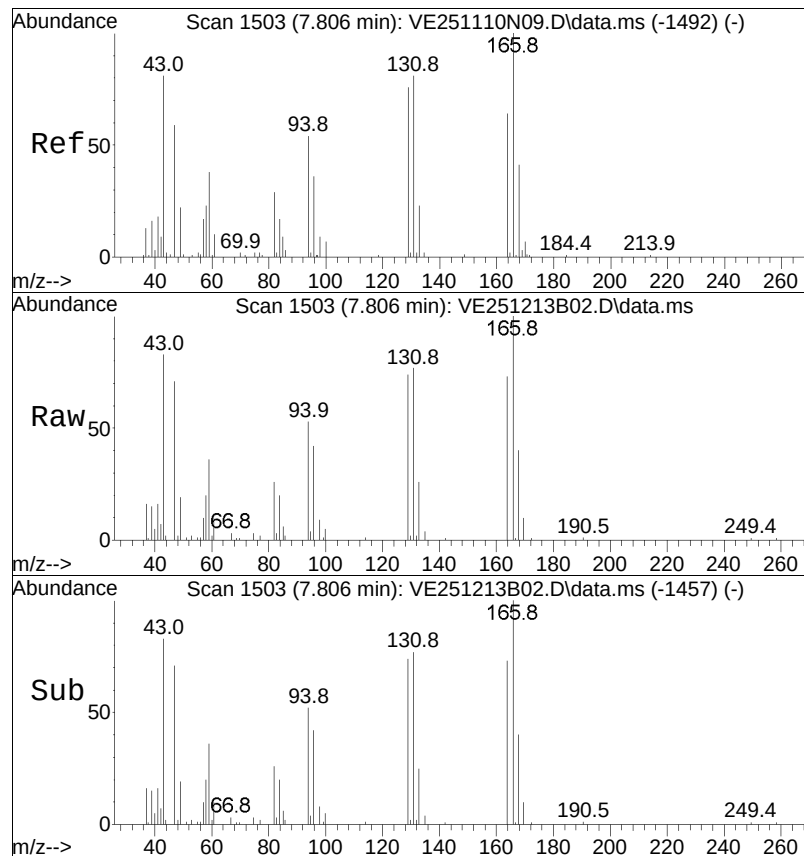
Delta R.T. -0.005 min

Lab File: VE251213B02.D

Acq: 13 Dec 2025 9:58 am

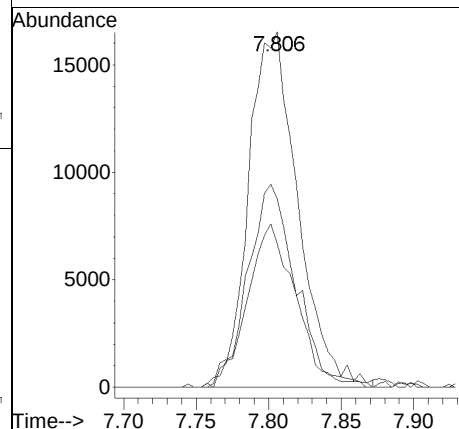
Tgt Ion:	95	Resp:	36204
Ion Ratio	Lower	Upper	
95	100		
97	72.6	54.4	81.6
130	95.2	73.7	110.5





#67
 Tetrachloroethene
 Concen: 8.75 ug/L
 RT: 7.806 min Scan# 1503
 Delta R.T. -0.000 min
 Lab File: VE251213B02.D
 Acq: 13 Dec 2025 9:58 am

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	39089		
168	45.3		27.8	67.8
94	55.9		38.7	78.7



Manual Integration Report

Data Path	: K:\Elaine\2025\251213B\	QMethod	: Elaine_251111N_8260.m
Data File	: VE251213B02.D	Operator	: ELAINE:PID
Date Inj'd	: 12/13/2025 9:58 am	Instrument	: Elaine
Sample	: WG2154750-4,31,10,10	Quant Date	: 12/13/2025 10:18 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B02.D
 Acq On : 15 Dec 2025 11:04 am
 Operator : VOA122:PID
 Sample : WG2154825-4,31,10,10,, (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 11:27:57 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251215B\V22251215B01.D
 Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

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

Internal Standards						
1) Fluorobenzene	5.710	96	508010	10.000	ug/L	0.00
Standard Area 1 = 472150			Recovery	=	107.60%	
62) Chlorobenzene-d5	9.218	117	402023	10.000	ug/L	0.00
Standard Area 1 = 386766			Recovery	=	103.94%	
83) 1,4-Dichlorobenzene-d4	11.993	152	221793	10.000	ug/L	0.00
Standard Area 1 = 214808			Recovery	=	103.25%	
System Monitoring Compounds						
38) Dibromofluoromethane	4.912	113	142373	10.556	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	105.56%	
46) 1,2-Dichloroethane-d4	5.423	65	135996	10.443	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	104.43%	
63) Toluene-d8	7.388	98	512050	9.856	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.56%	
87) 4-Bromofluorobenzene	10.754	95	181440	9.344	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	93.44%	
Target Compounds						
						Qvalue
4) Vinyl chloride	1.750	62	83022	8.798	ug/L	98
10) 1,1-Dichloroethene	2.739	96	64148	11.380	ug/L	98
15) Methylene chloride	3.264	84	72613	11.081	ug/L	87
30) cis-1,2-Dichloroethene	4.472	96	74073	11.084	ug/L	99
34) Chloroform	4.739	83	118092	10.347	ug/L	98
36) Carbon tetrachloride	4.872	117	102145	11.624	ug/L	100
39) 1,1,1-Trichloroethane	4.935	97	111921	11.313	ug/L	99
51) Trichloroethene	5.884	95	72588	10.388	ug/L	98
66) Tetrachloroethene	7.896	166	76520	11.335	ug/L	98

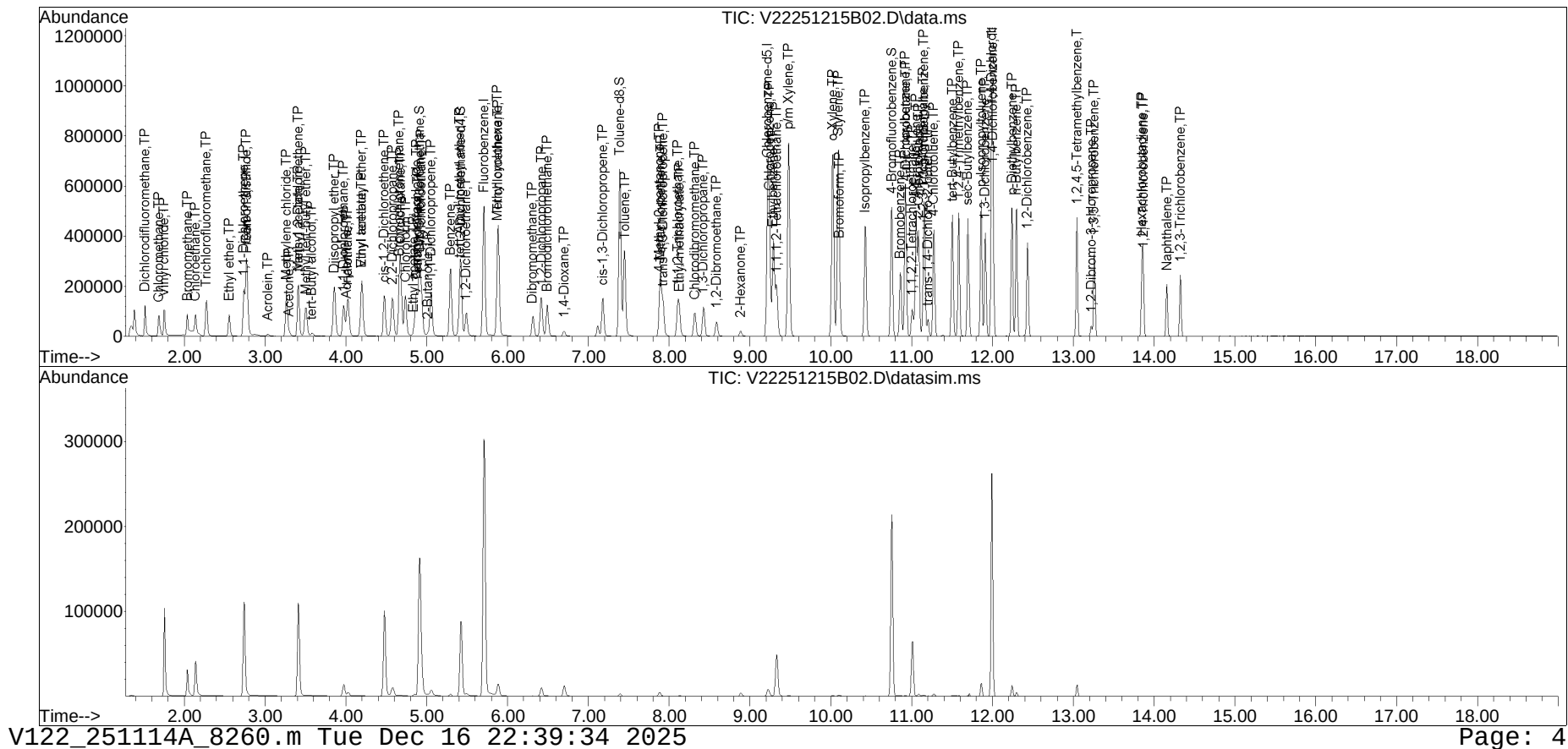
(#) = qualifier out of range (m) = manual integration (+) = signals summed

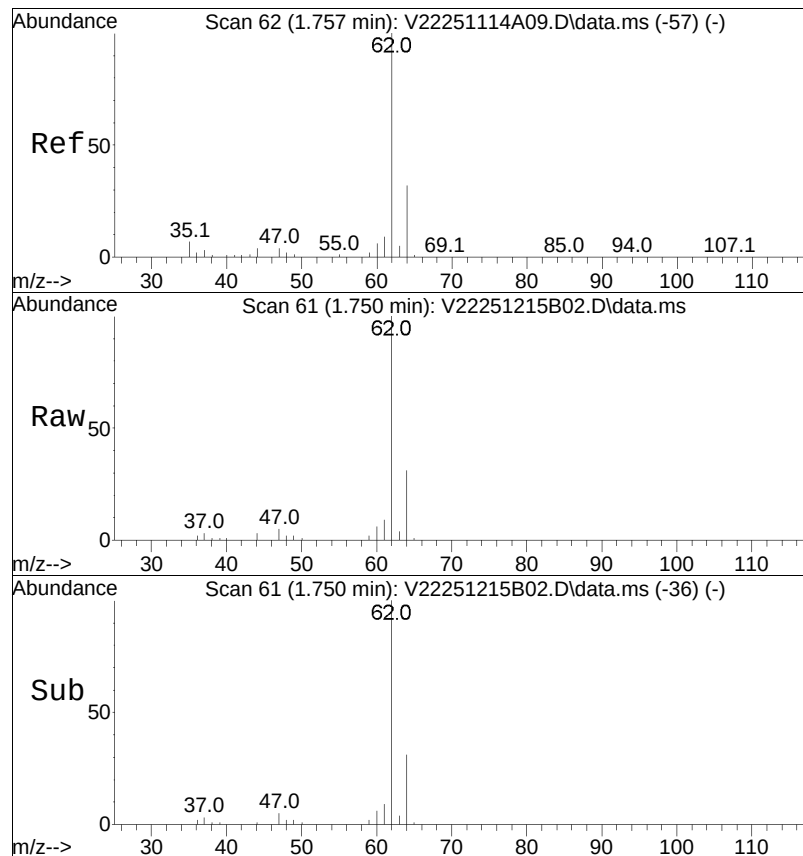
(QT Reviewed)

```
Data Path   : K:\V0A122\2025\251215B\  
Data File  : V22251215B02.D  
Acq On     : 15 Dec 2025  11:04 am  
Operator   : V0A122:PID  
Sample     : WG2154825-4,31,10,10,, (Sig #1); 8260 CCAL (Sig #2)  
Misc       : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)  
ALS Vial   : 2      Sample Multiplier: 1
```

Quant Time: Dec 15 11:27:57 2025
Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Nov 15 12:03:11 2025
Response via : Initial Calibration

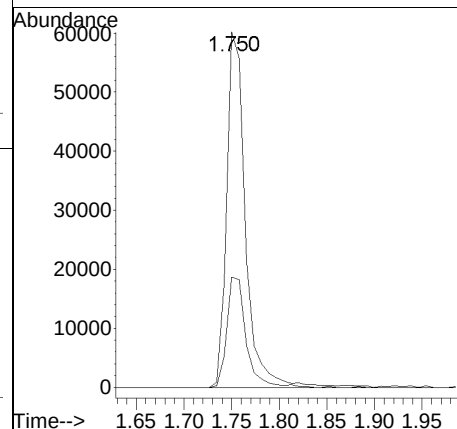
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

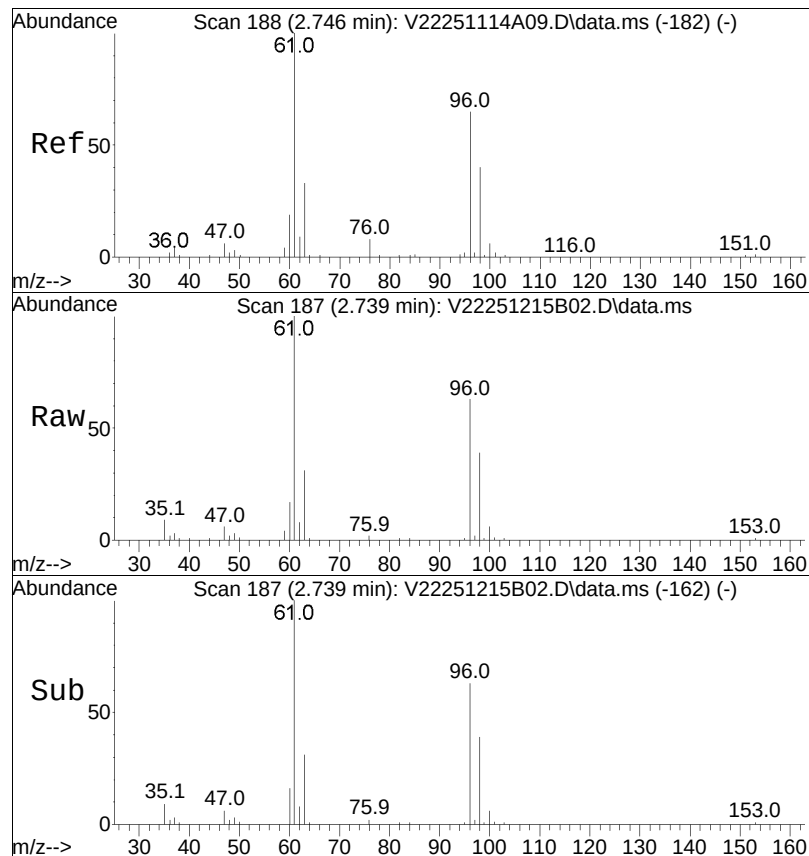




#4
 Vinyl chloride
 Concen: 8.80 ug/L
 RT: 1.750 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: V22251215B02.D
 Acq: 15 Dec 2025 11:04 am

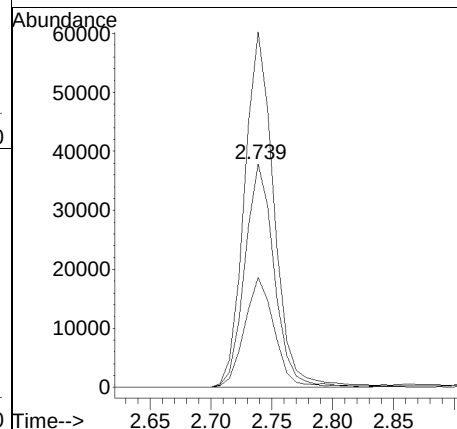
Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.7	12.5	52.5

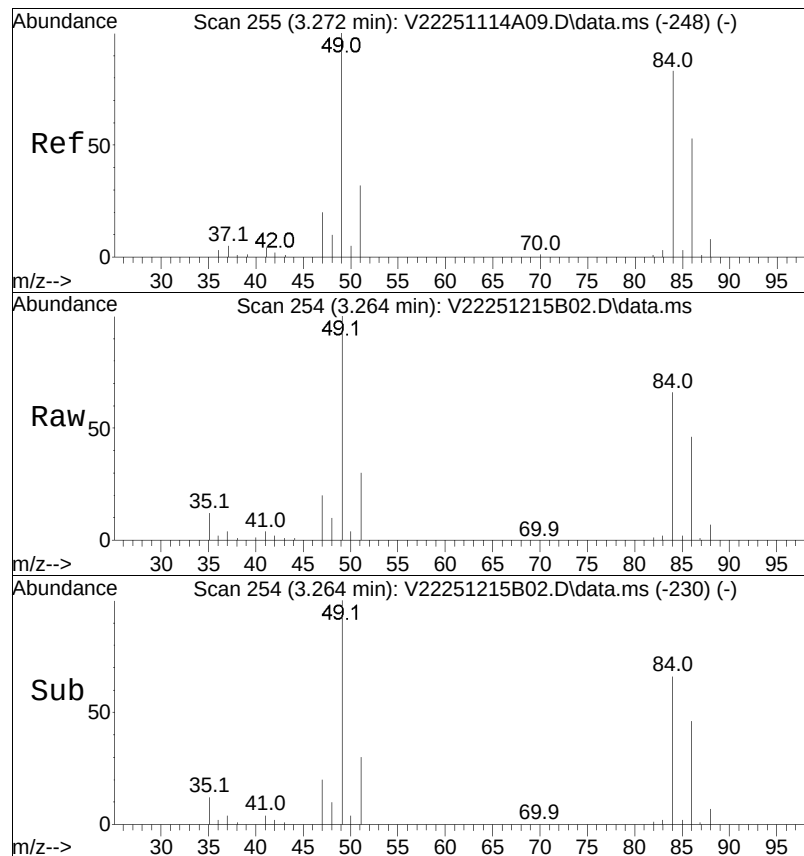




#10
 1,1-Dichloroethene
 Concen: 11.38 ug/L
 RT: 2.739 min Scan# 187
 Delta R.T. -0.007 min
 Lab File: V22251215B02.D
 Acq: 15 Dec 2025 11:04 am

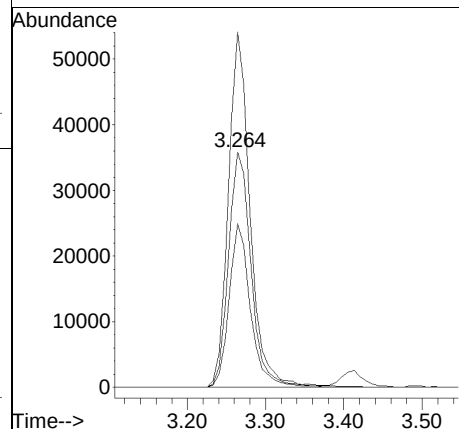
Tgt Ion:	96	Resp:	64148
Ion Ratio	Lower	Upper	
96	100		
61	159.0	128.4	192.6
63	50.0	41.8	62.6

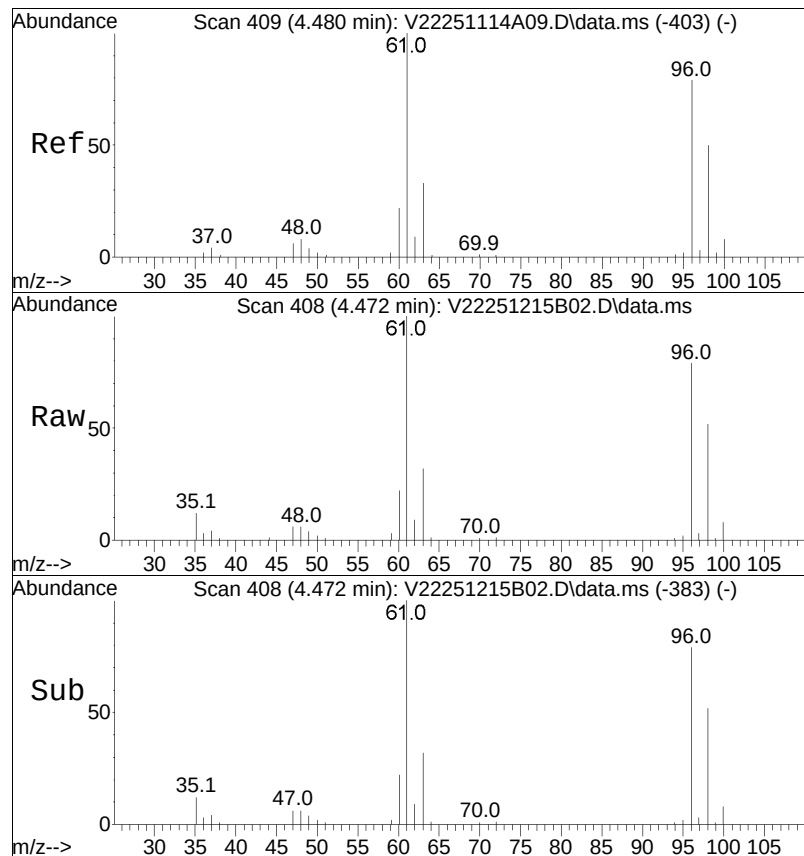




#15
 Methylene chloride
 Concen: 11.08 ug/L
 RT: 3.264 min Scan# 254
 Delta R.T. -0.008 min
 Lab File: V22251215B02.D
 Acq: 15 Dec 2025 11:04 am

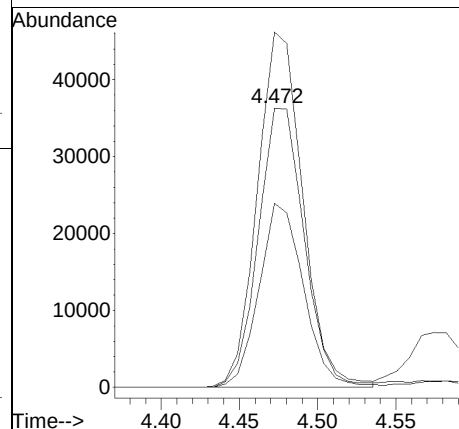
Tgt Ion:	84	Resp:	72613
Ion Ratio	Lower	Upper	
84	100		
86	65.6	41.3	85.7
49	143.9	79.7	165.5

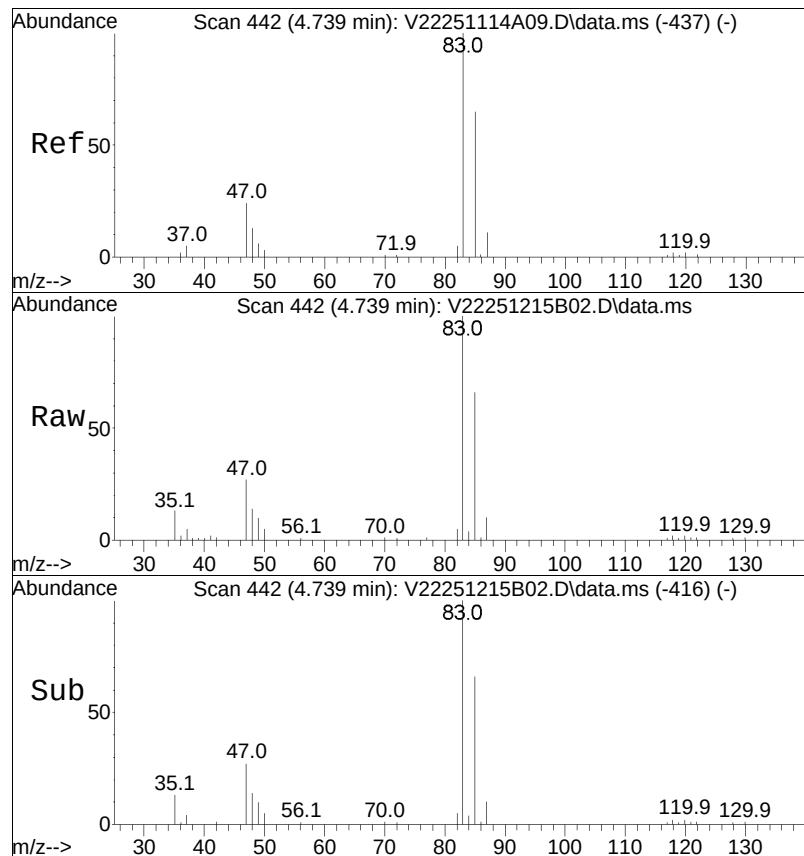




#30
 cis-1,2-Dichloroethene
 Concen: 11.08 ug/L
 RT: 4.472 min Scan# 408
 Delta R.T. -0.008 min
 Lab File: V22251215B02.D
 Acq: 15 Dec 2025 11:04 am

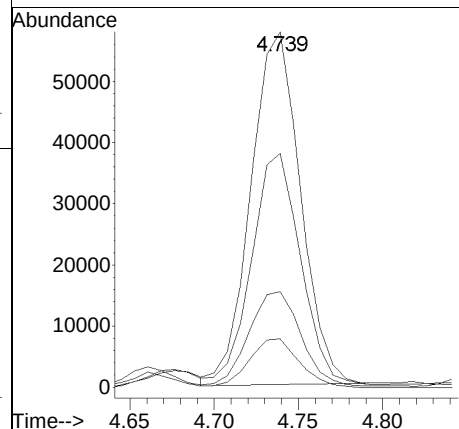
Tgt Ion:	96	Resp:	74073
Ion Ratio	Lower	Upper	
96	100		
61	125.9	102.3	153.5
98	64.2	51.3	76.9

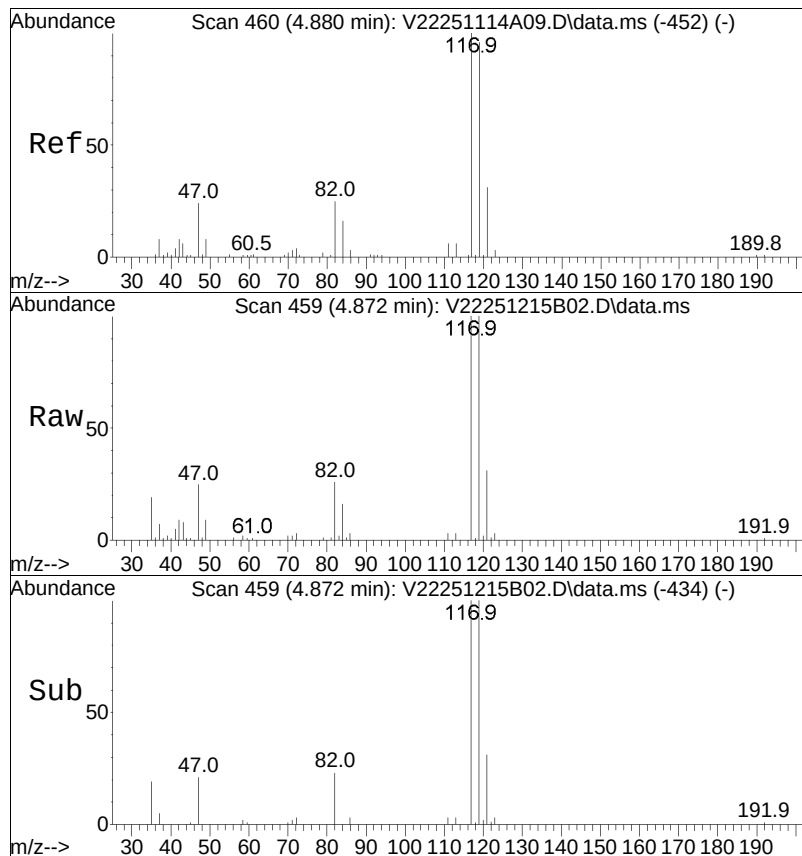




#34
 Chloroform
 Concen: 10.35 ug/L
 RT: 4.739 min Scan# 442
 Delta R.T. 0.000 min
 Lab File: V22251215B02.D
 Acq: 15 Dec 2025 11:04 am

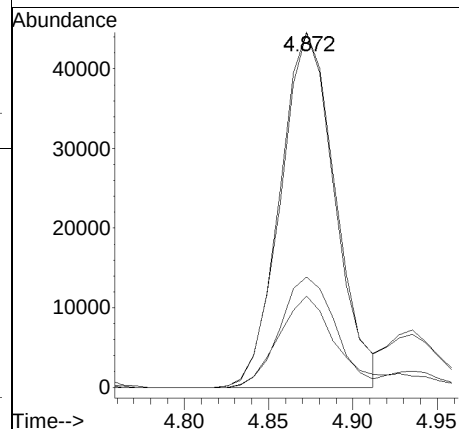
Tgt	Ion: 83	Resp:	118092
Ion	Ratio	Lower	Upper
83	100		
85	65.4	42.2	87.6
47	28.2	16.1	33.5
48	14.0	9.0	18.6

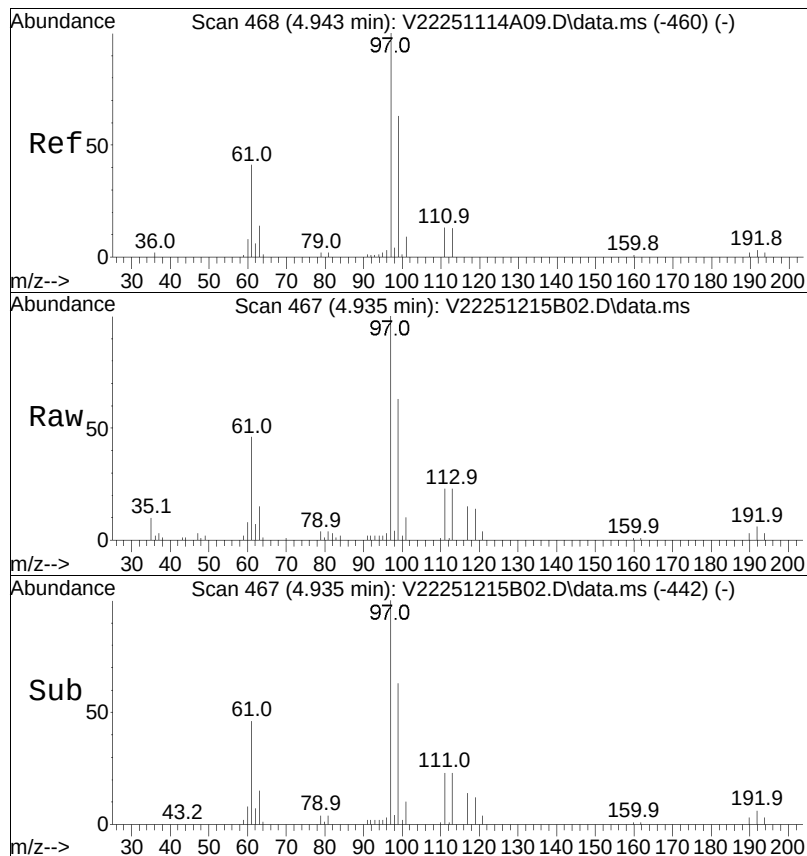




#36
 Carbon tetrachloride
 Concen: 11.62 ug/L
 RT: 4.872 min Scan# 459
 Delta R.T. -0.008 min
 Lab File: V22251215B02.D
 Acq: 15 Dec 2025 11:04 am

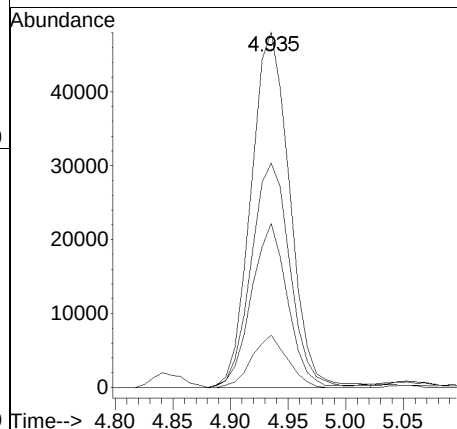
Tgt Ion:	117	Resp:	102145
Ion Ratio	Lower	Upper	
117	100		
119	97.2	63.1	131.1
121	30.9	20.4	42.4
82	30.0	19.7	40.9

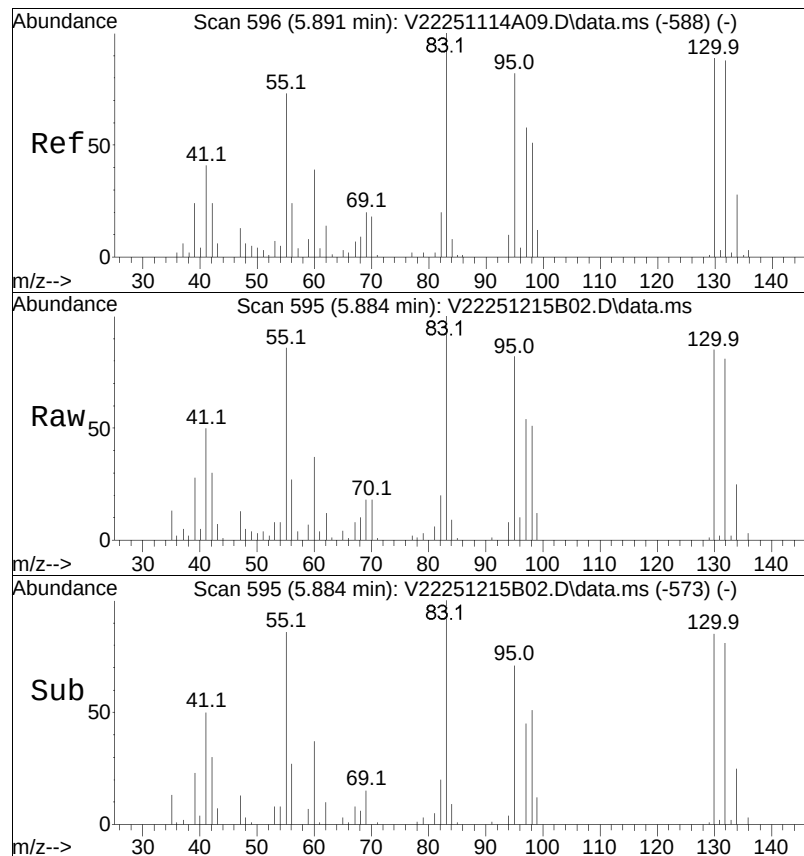




#39
 1,1,1-Trichloroethane
 Concen: 11.31 ug/L
 RT: 4.935 min Scan# 467
 Delta R.T. -0.008 min
 Lab File: V22251215B02.D
 Acq: 15 Dec 2025 11:04 am

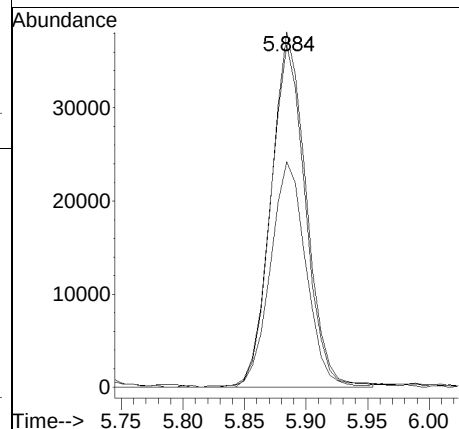
Tgt Ion:	97	Resp:	111921
Ion Ratio	Lower	Upper	
97	100		
99	63.5	41.7	86.5
61	43.8	28.7	59.5
63	13.5	9.2	19.2

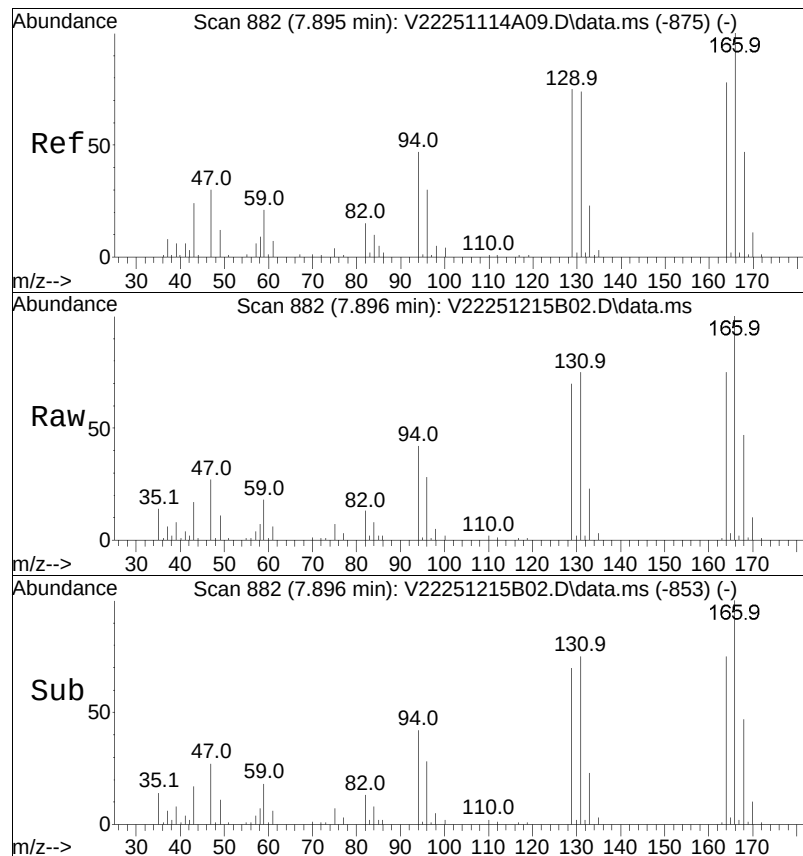




#51
 Trichloroethene
 Concen: 10.39 ug/L
 RT: 5.884 min Scan# 595
 Delta R.T. -0.007 min
 Lab File: V22251215B02.D
 Acq: 15 Dec 2025 11:04 am

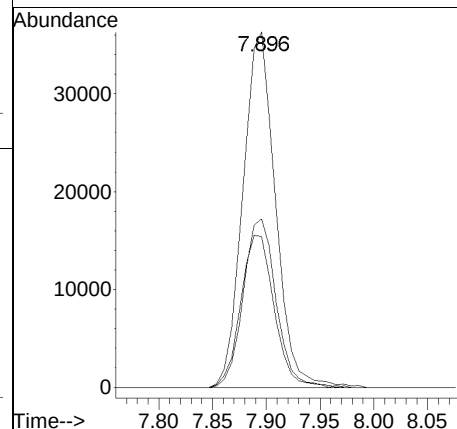
Tgt Ion:	95	Resp:	72588
Ion Ratio	Lower	Upper	
95	100		
97	67.3	54.7	82.1
130	104.3	85.9	128.9





#66
 Tetrachloroethene
 Concen: 11.34 ug/L
 RT: 7.896 min Scan# 882
 Delta R.T. 0.001 min
 Lab File: V22251215B02.D
 Acq: 15 Dec 2025 11:04 am

Tgt Ion:	166	Resp:	76520
Ion Ratio	Lower	Upper	
166	100		
168	47.8	27.0	67.0
94	43.9	25.5	65.5



Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B07.D
 Acq On : 15 Dec 2025 01:06 pm
 Operator : VOA122:RAW
 Sample : WG2154825-6,31,10,10,,c1 (Sig #1); l2578239-01MS,31,10,10,,c1 (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 16 22:56:32 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251215B\V22251215B01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.710	96	476107	10.000	ug/L	0.00
Standard Area 1 = 472150			Recovery	=	100.84%	
62) Chlorobenzene-d5	9.218	117	379173	10.000	ug/L	0.00
Standard Area 1 = 386766			Recovery	=	98.04%	
83) 1,4-Dichlorobenzene-d4	11.993	152	204040	10.000	ug/L	0.00
Standard Area 1 = 214808			Recovery	=	94.99%	
System Monitoring Compounds						
38) Dibromofluoromethane	4.912	113	132041	10.446	ug/L	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	104.46%	
46) 1,2-Dichloroethane-d4	5.423	65	122906	10.071	ug/L	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	100.71%	
63) Toluene-d8	7.388	98	479638	9.788	ug/L	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	97.88%	
87) 4-Bromofluorobenzene	10.754	95	168056	9.408	ug/L	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	94.08%	
Target Compounds						
					Qvalue	
4) Vinyl chloride	1.750	62	91012	10.291	ug/L	98
10) 1,1-Dichloroethene	2.738	96	66903	12.665	ug/L	98
15) Methylene chloride	3.264	84	69963	11.392	ug/L	85
30) cis-1,2-Dichloroethene	4.480	96	72937	11.646	ug/L	99
34) Chloroform	4.739	83	143735	13.438	ug/L	98
36) Carbon tetrachloride	4.872	117	109514	13.297	ug/L	99
39) 1,1,1-Trichloroethane	4.935	97	116171	12.530	ug/L	99
51) Trichloroethene	5.884	95	76225	11.639	ug/L	98
66) Tetrachloroethene	7.895	166	448497	70.442	ug/L	99

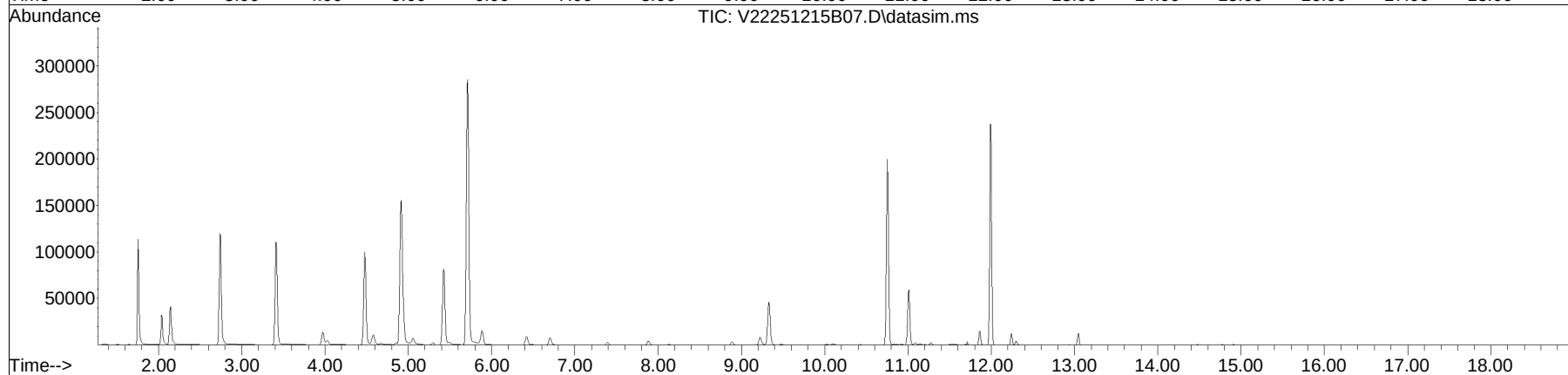
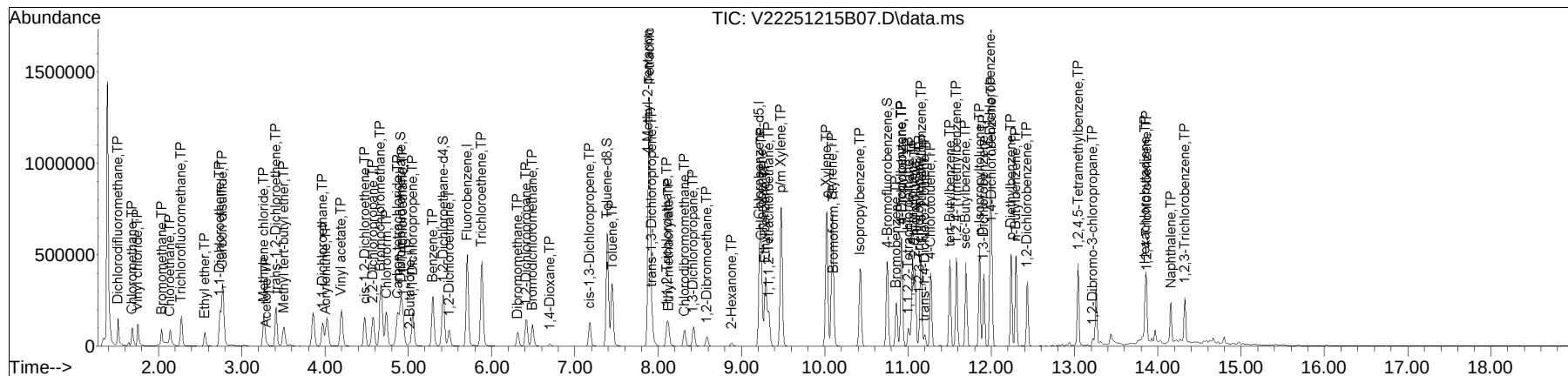
(#) = qualifier out of range (m) = manual integration (+) = signals summed

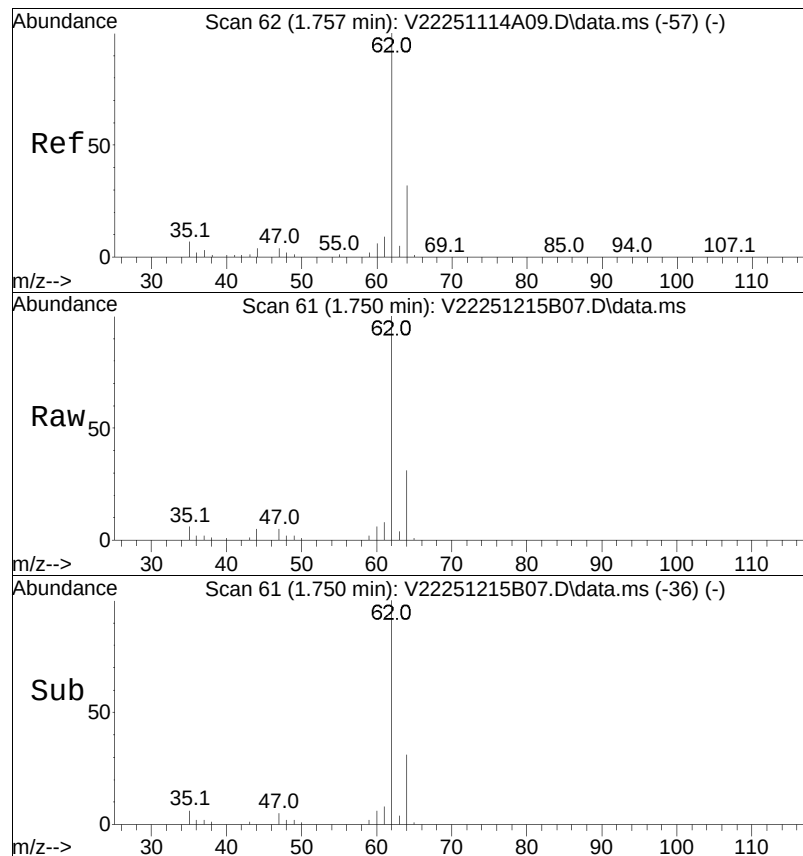
(QT Reviewed)

```
Data Path : K:\VOA122\2025\251215B\  
Data File : V22251215B07.D  
Acq On    : 15 Dec 2025  01:06 pm  
Operator  : VOA122:RAW  
Sample    : WG2154825-6,31,10,10,,c1 (Sig #1); l2578239-01MS,31,10,10,,c1 (Sig #2)  
Misc      : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)  
ALS Vial  : 7      Sample Multiplier: 1
```

Quant Time: Dec 16 22:56:32 2025
Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Nov 15 12:03:11 2025
Response via : Initial Calibration

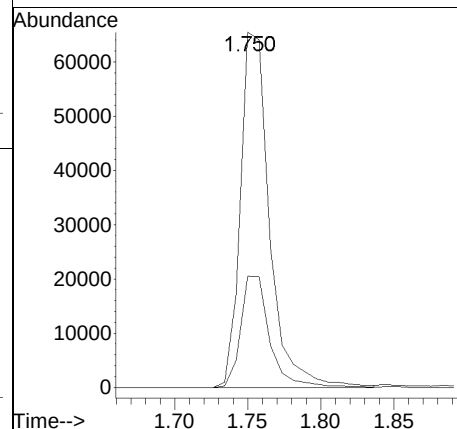
Sub List : 8260-NYTCL - Megamix plus Diox251215B01.D•

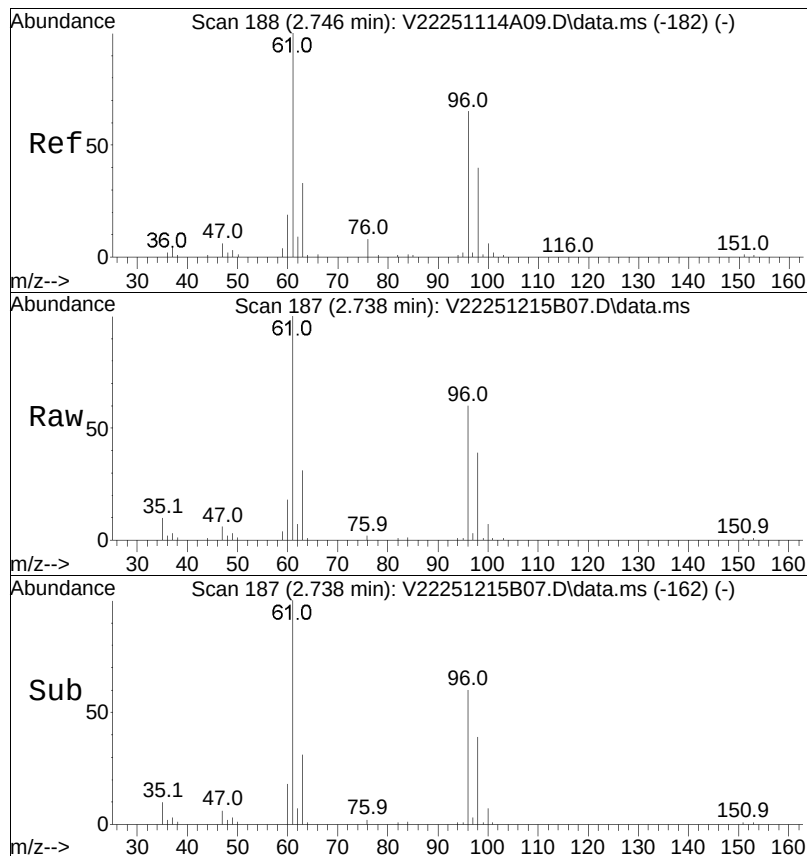




#4
 Vinyl chloride
 Concen: 10.29 ug/L
 RT: 1.750 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: V22251215B07.D
 Acq: 15 Dec 2025 01:06 pm

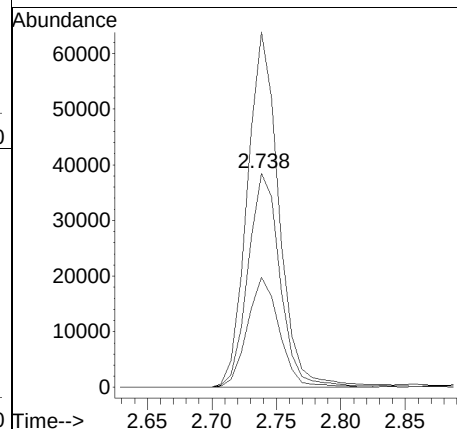
Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.2	12.5	52.5

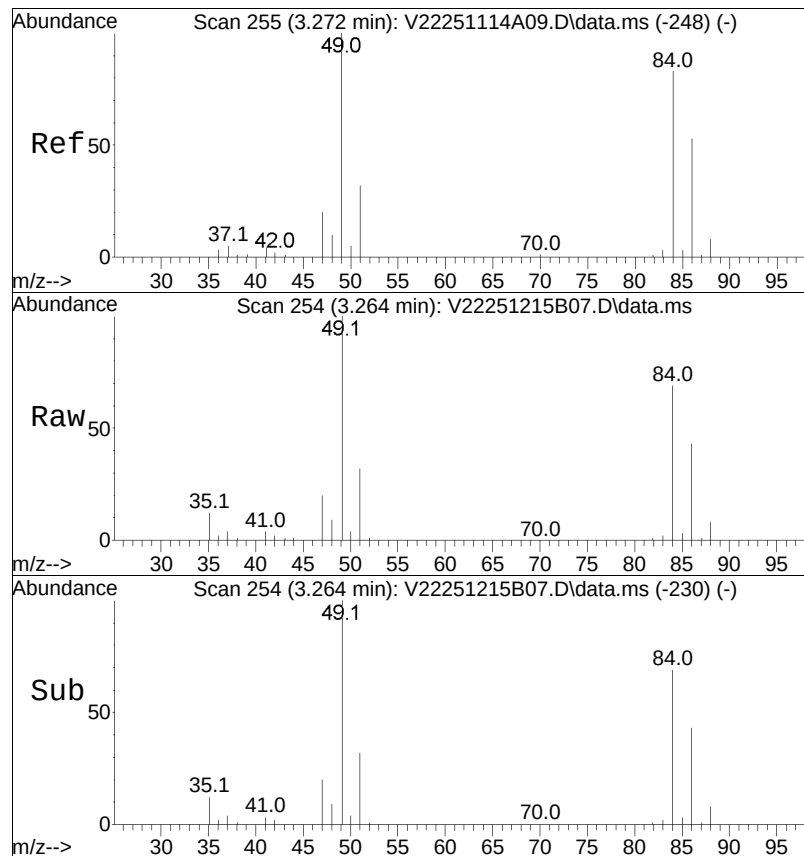




#10
 1,1-Dichloroethene
 Concen: 12.66 ug/L
 RT: 2.738 min Scan# 187
 Delta R.T. -0.008 min
 Lab File: V22251215B07.D
 Acq: 15 Dec 2025 01:06 pm

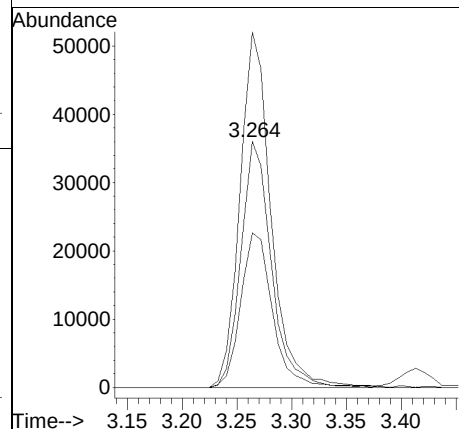
Tgt Ion:	96	Resp:	66903
Ion Ratio	Lower	Upper	
96	100		
61	164.3	128.4	192.6
63	51.4	41.8	62.6

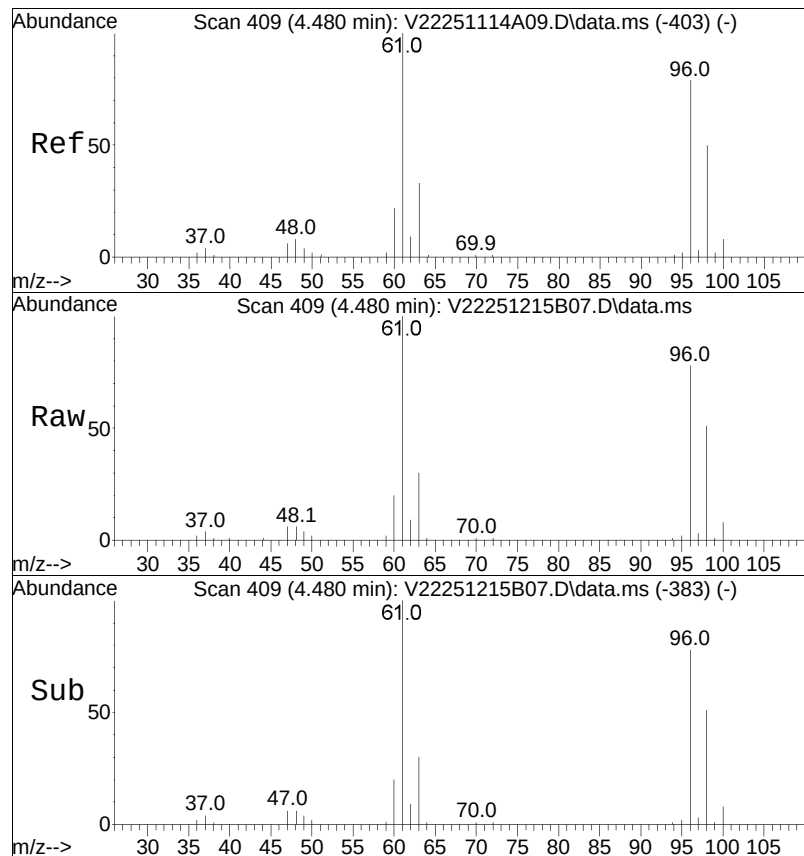




#15
 Methylene chloride
 Concen: 11.39 ug/L
 RT: 3.264 min Scan# 254
 Delta R.T. -0.008 min
 Lab File: V22251215B07.D
 Acq: 15 Dec 2025 01:06 pm

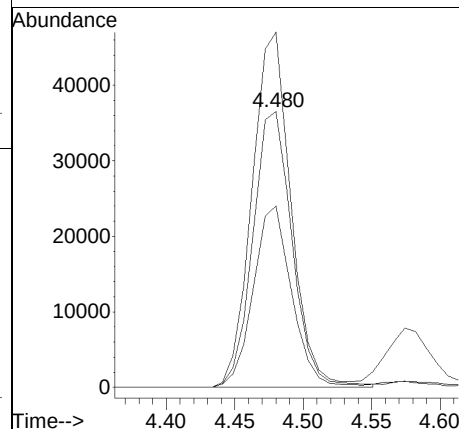
Tgt Ion:	84	Resp:	69963
Ion Ratio	Lower	Upper	
84	100		
86	65.5	41.3	85.7
49	146.8	79.7	165.5

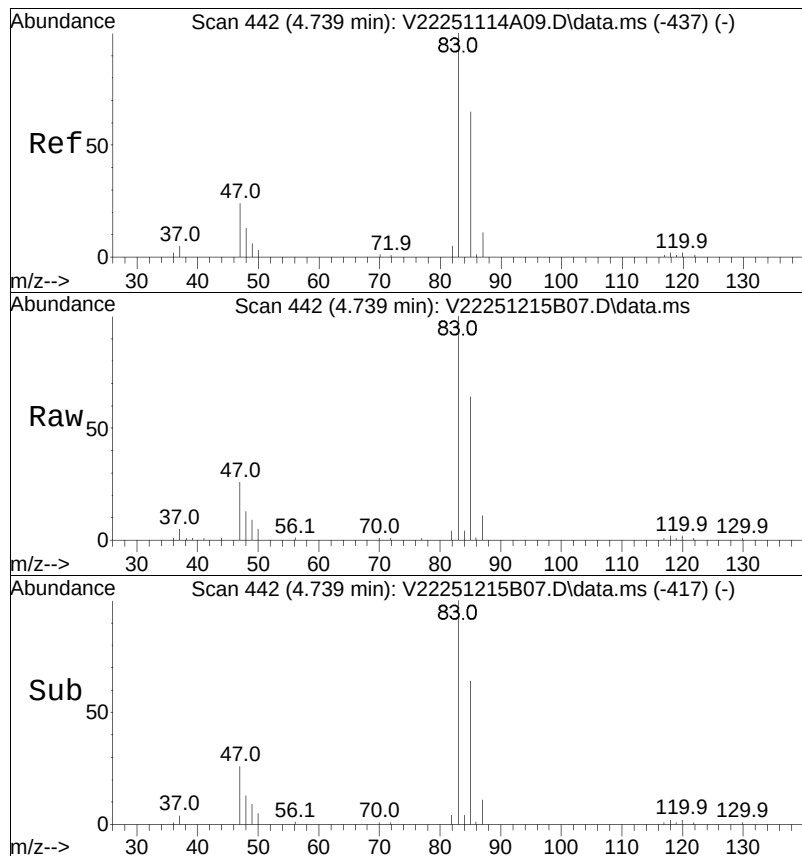




#30
 cis-1,2-Dichloroethene
 Concen: 11.65 ug/L
 RT: 4.480 min Scan# 409
 Delta R.T. 0.000 min
 Lab File: V22251215B07.D
 Acq: 15 Dec 2025 01:06 pm

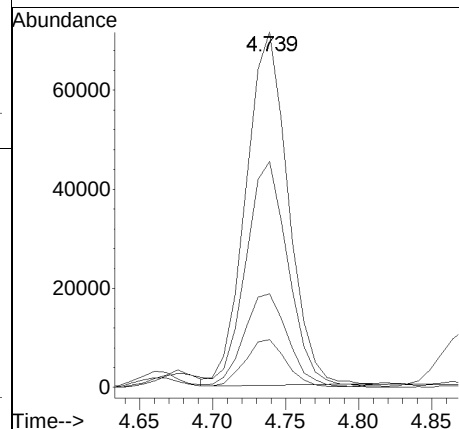
Tgt Ion:	96	Resp:	72937
Ion Ratio	Lower	Upper	
96	100		
61	127.2	102.3	153.5
98	64.5	51.3	76.9

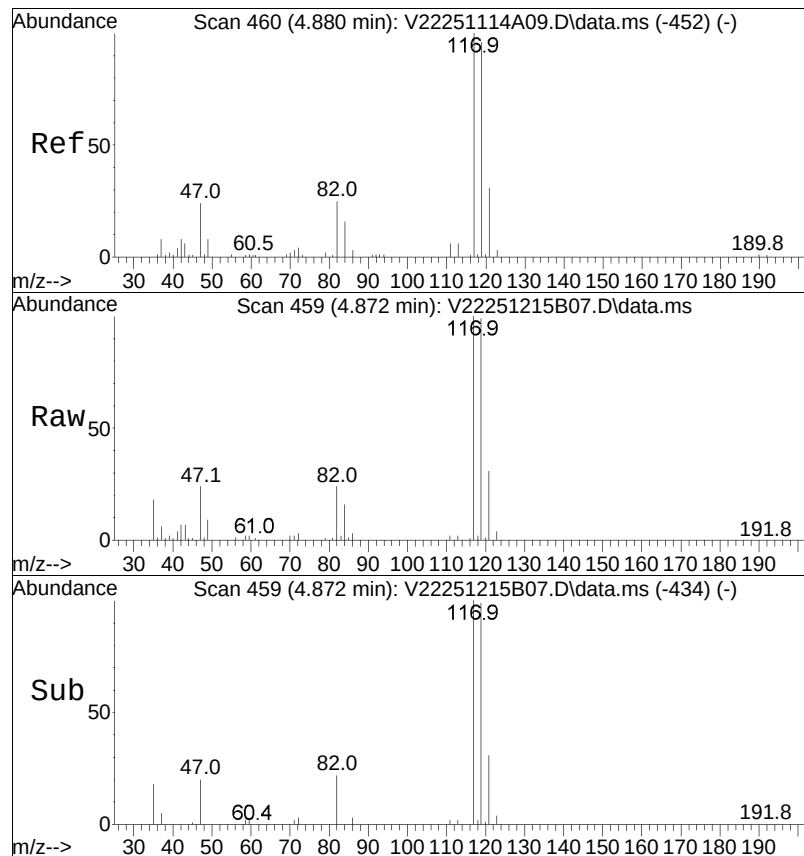




#34
 Chloroform
 Concen: 13.44 ug/L
 RT: 4.739 min Scan# 442
 Delta R.T. -0.000 min
 Lab File: V22251215B07.D
 Acq: 15 Dec 2025 01:06 pm

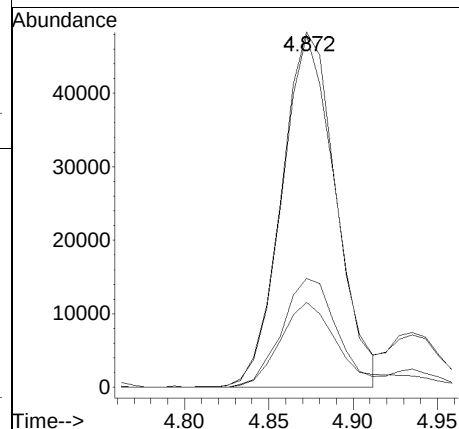
Tgt Ion:	83	Resp:	143735
Ion Ratio	Lower	Upper	
83	100		
85	63.4	42.2	87.6
47	27.1	16.1	33.5
48	13.6	9.0	18.6

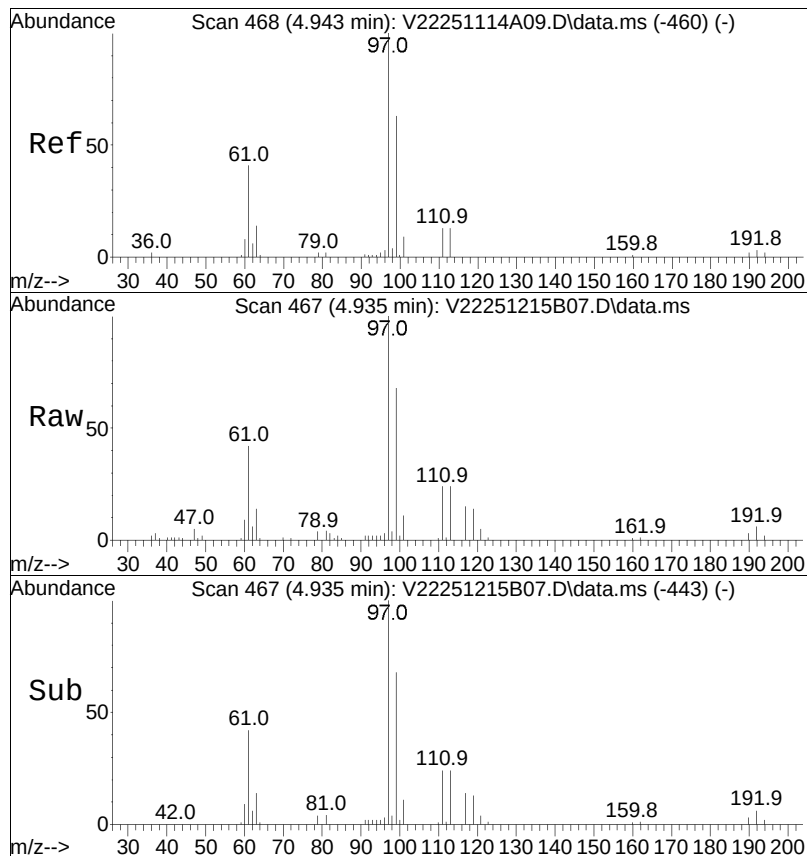




#36
 Carbon tetrachloride
 Concen: 13.30 ug/L
 RT: 4.872 min Scan# 459
 Delta R.T. -0.008 min
 Lab File: V22251215B07.D
 Acq: 15 Dec 2025 01:06 pm

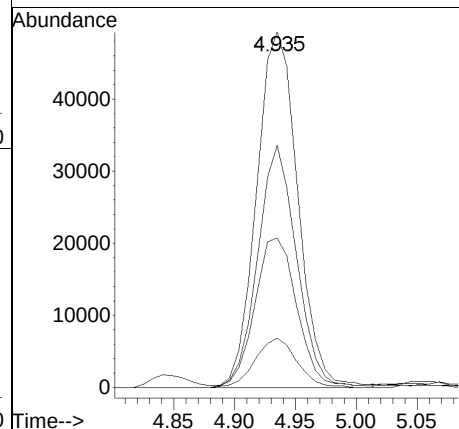
Tgt Ion:	117	Resp:	109514
Ion Ratio	Lower	Upper	
117	100		
119	96.8	63.1	131.1
121	30.8	20.4	42.4
82	28.2	19.7	40.9

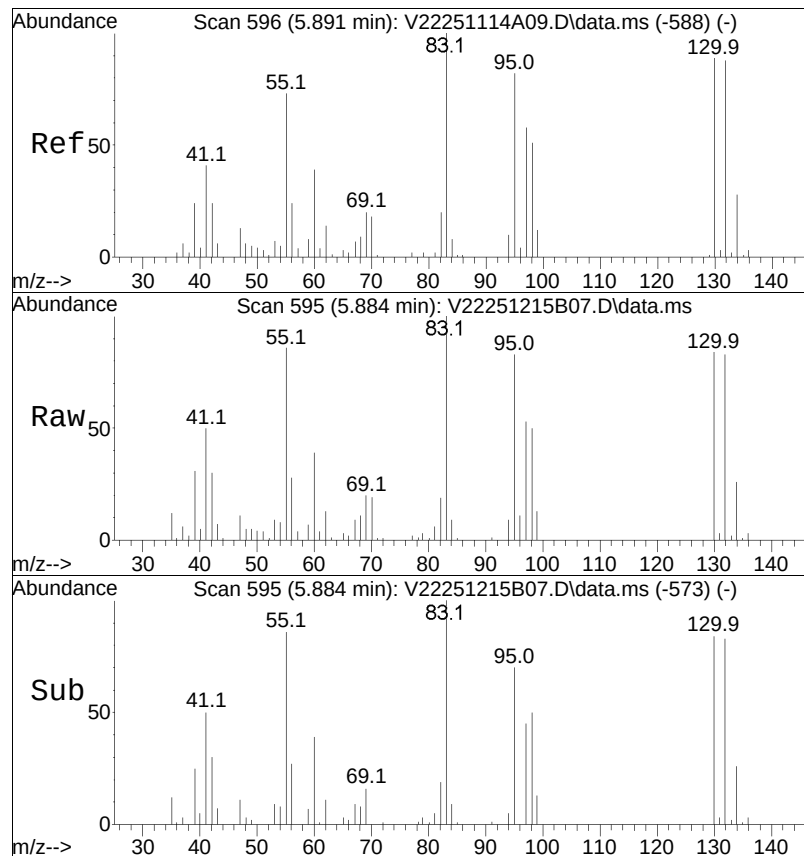




#39
 1,1,1-Trichloroethane
 Concen: 12.53 ug/L
 RT: 4.935 min Scan# 467
 Delta R.T. -0.008 min
 Lab File: V22251215B07.D
 Acq: 15 Dec 2025 01:06 pm

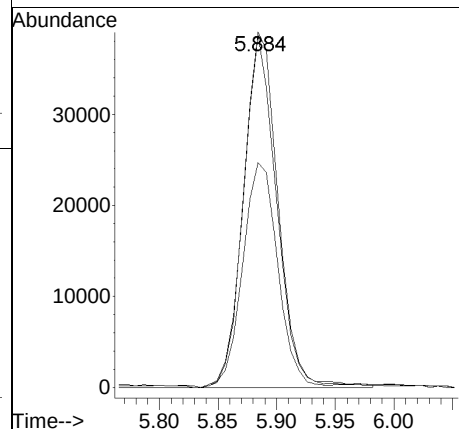
Tgt Ion:	97	Resp:	116171
Ion Ratio	Lower	Upper	
97	100		
99	64.2	41.7	86.5
61	43.3	28.7	59.5
63	13.9	9.2	19.2

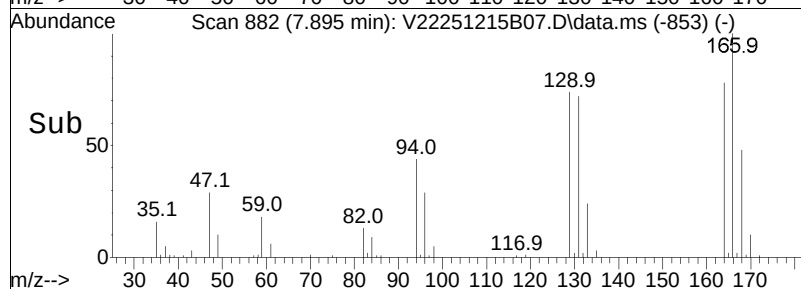
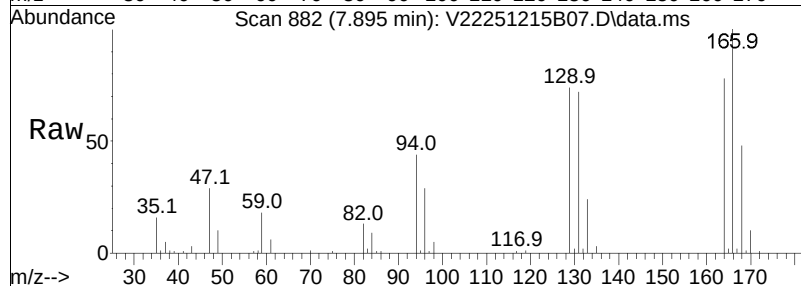
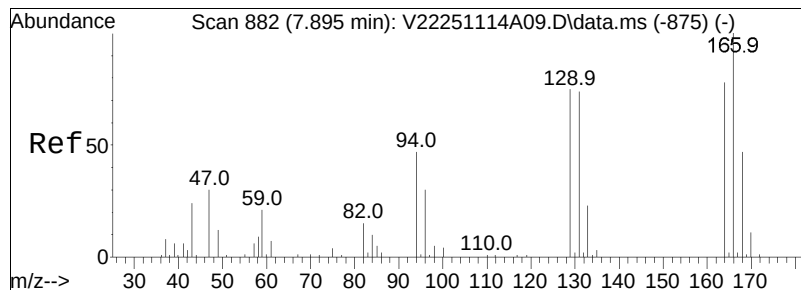




#51
 Trichloroethene
 Concen: 11.64 ug/L
 RT: 5.884 min Scan# 595
 Delta R.T. -0.007 min
 Lab File: V22251215B07.D
 Acq: 15 Dec 2025 01:06 pm

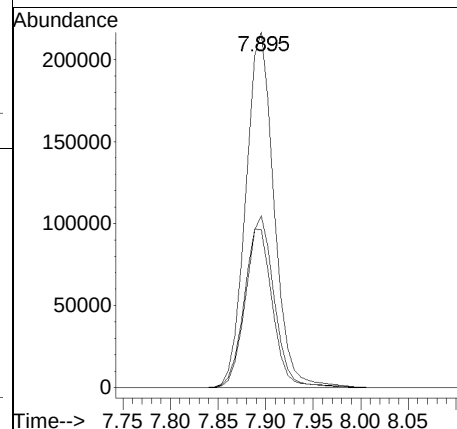
Tgt Ion:	95	Resp:	76225
Ion Ratio	Lower	Upper	
95	100		
97	67.5	54.7	82.1
130	105.6	85.9	128.9





#66
Tetrachloroethene
Concen: 70.44 ug/L
RT: 7.895 min Scan# 882
Delta R.T. 0.000 min
Lab File: V22251215B07.D
Acq: 15 Dec 2025 01:06 pm

Tgt Ion:	166	Resp:	448497
Ion Ratio	Lower	Upper	
166	100		
168	48.2	27.0	67.0
94	45.1	25.5	65.5



Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B08.D
 Acq On : 15 Dec 2025 01:31 pm
 Operator : VOA122:RAW
 Sample : WG2154825-7,31,10,10,,c2 (Sig #1); l2578239-01MSD,31,10,10,,c2 (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 16 22:57:14 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\251215B\V22251215B01.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.710	96	502106	10.000	ug/L	0.00
Standard Area 1 = 472150			Recovery =	106.34%		
62) Chlorobenzene-d5	9.218	117	396370	10.000	ug/L	0.00
Standard Area 1 = 386766			Recovery =	102.48%		
83) 1,4-Dichlorobenzene-d4	11.993	152	214653	10.000	ug/L	0.00
Standard Area 1 = 214808			Recovery =	99.93%		
System Monitoring Compounds						
38) Dibromofluoromethane	4.912	113	139106	10.435	ug/L	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery =	104.35%		
46) 1,2-Dichloroethane-d4	5.423	65	128756	10.004	ug/L	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery =	100.04%		
63) Toluene-d8	7.388	98	501584	9.792	ug/L	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery =	97.92%		
87) 4-Bromofluorobenzene	10.754	95	175396	9.333	ug/L	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery =	93.33%		
Target Compounds						
4) Vinyl chloride	1.750	62	97216	10.423	ug/L	95
10) 1,1-Dichloroethene	2.738	96	71395	12.815	ug/L	99
15) Methylene chloride	3.264	84	72400	11.179	ug/L	86
30) cis-1,2-Dichloroethene	4.480	96	78517	11.888	ug/L	96
34) Chloroform	4.739	83	147900	13.112	ug/L	98
36) Carbon tetrachloride	4.872	117	111966	12.891	ug/L	99
39) 1,1,1-Trichloroethane	4.935	97	123059	12.585	ug/L	98
51) Trichloroethene	5.884	95	76856	11.128	ug/L	98
66) Tetrachloroethene	7.895	166	476696	71.622	ug/L	99

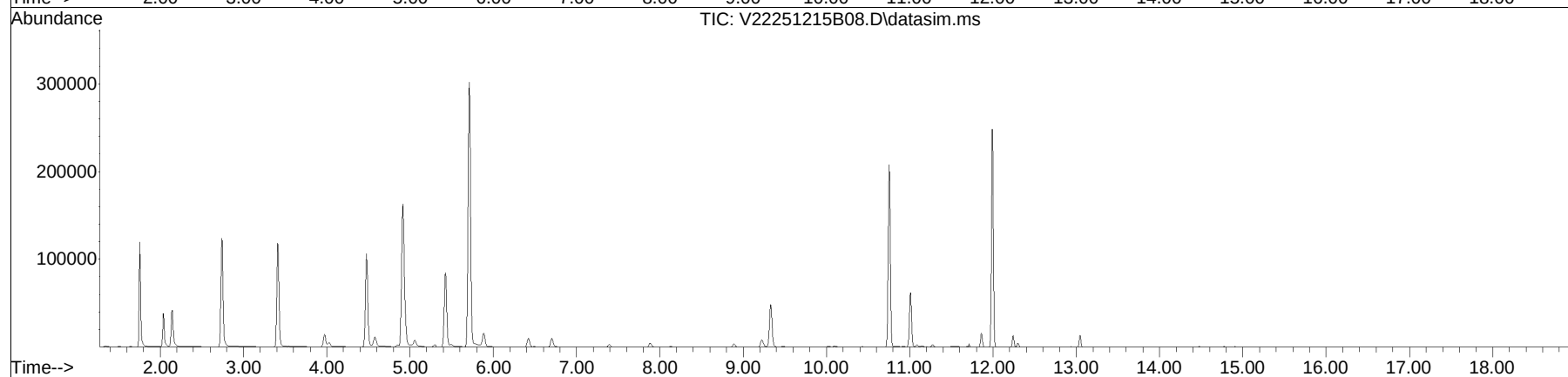
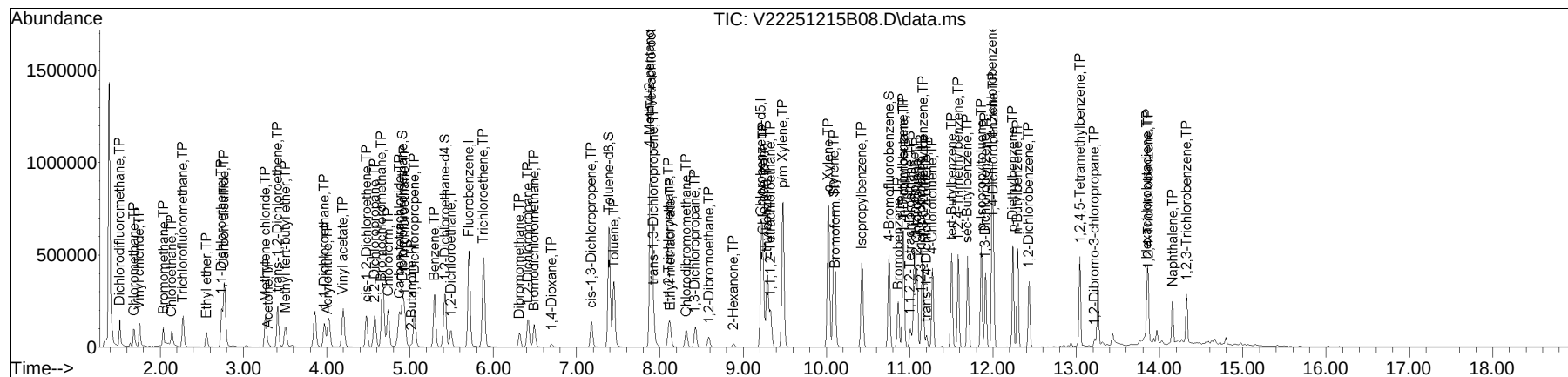
(#) = qualifier out of range (m) = manual integration (+) = signals summed

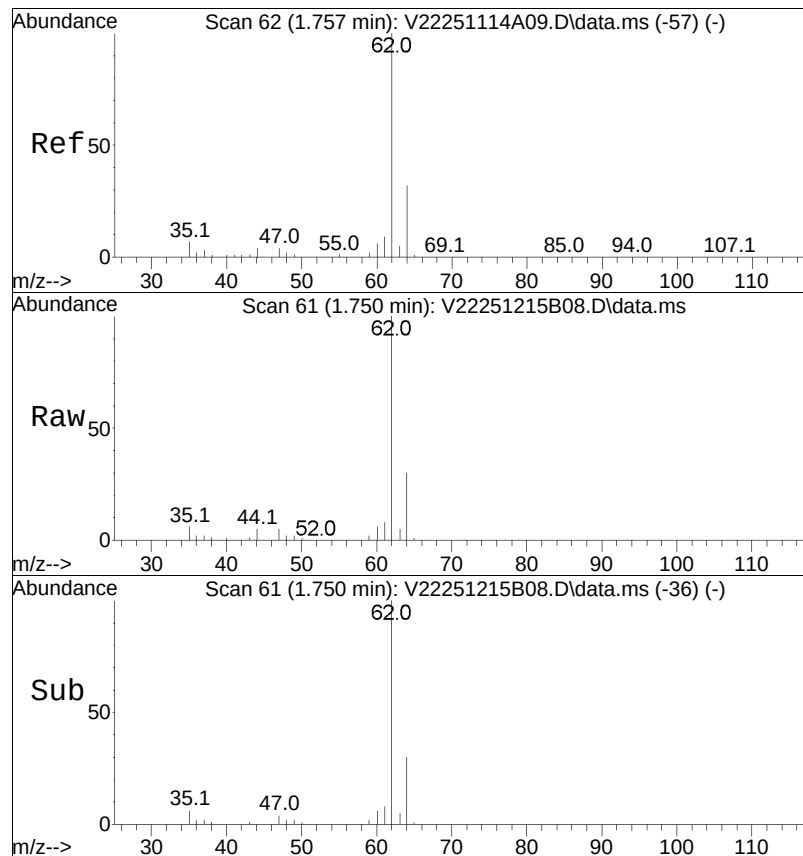
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\251215B\
 Data File : V22251215B08.D
 Acq On : 15 Dec 2025 01:31 pm
 Operator : VOA122:RAW
 Sample : WG2154825-7,31,10,10,,c2 (Sig #1); l2578239-01MSD,31,10,10,,c2 (Sig #2)
 Misc : WG2154825,ICAL22815 (Sig #1); WG,ICAL22815 (Sig #2)
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 16 22:57:14 2025
 Quant Method : K:\VOA122\2025\251215B\V122_251114A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Nov 15 12:03:11 2025
 Response via : Initial Calibration

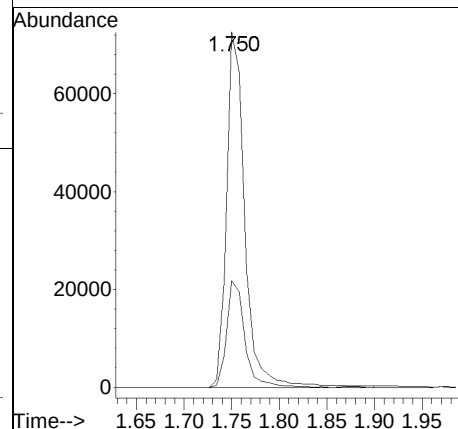
Sub List : 8260-NYTCL - Megamix plus Diox251215B01.D•

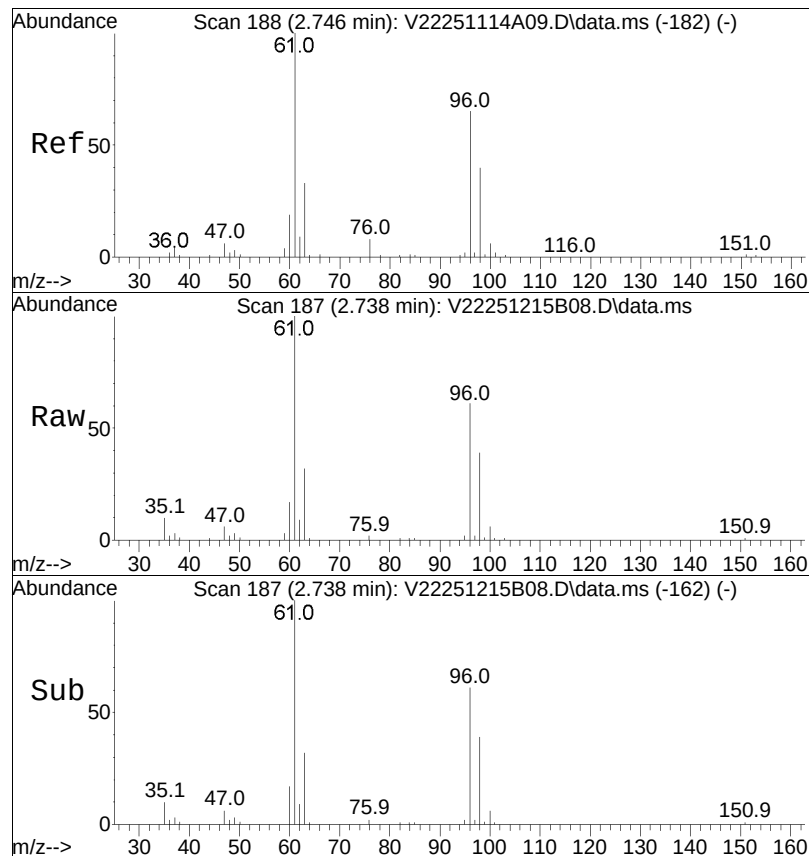




#4
 Vinyl chloride
 Concen: 10.42 ug/L
 RT: 1.750 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: V22251215B08.D
 Acq: 15 Dec 2025 01:31 pm

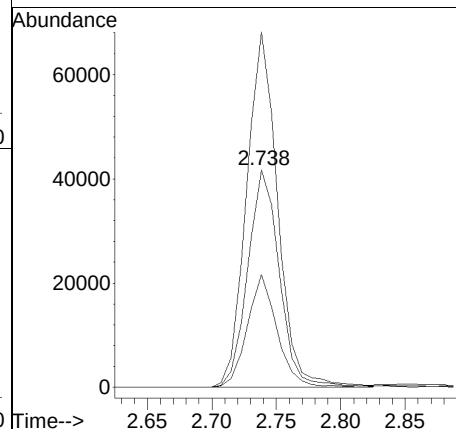
Tgt Ion	Ratio	Lower	Upper
62	100		
64	29.8	12.5	52.5

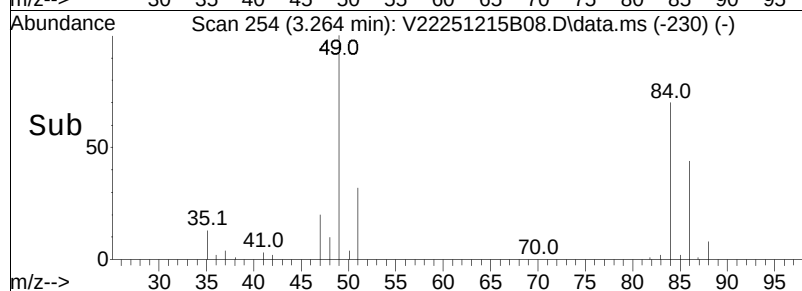
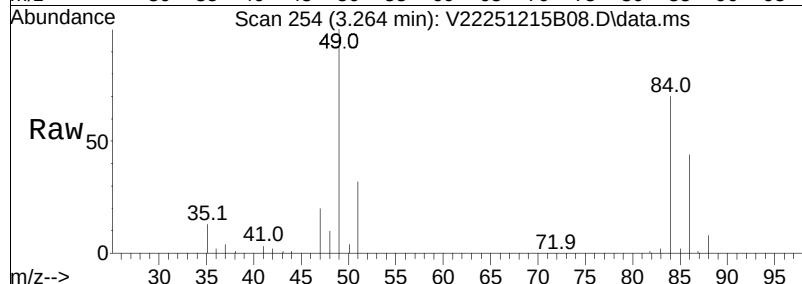
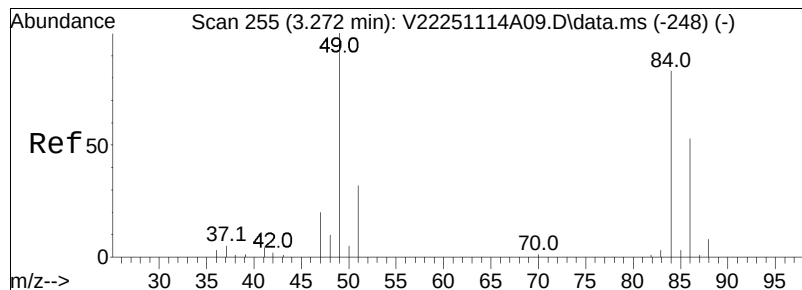




#10
 1,1-Dichloroethene
 Concen: 12.82 ug/L
 RT: 2.738 min Scan# 187
 Delta R.T. -0.008 min
 Lab File: V22251215B08.D
 Acq: 15 Dec 2025 01:31 pm

Tgt	Ion	Resp	Lower	Upper
96	100			
61	161.0	128.4	192.6	
63	49.0	41.8	62.6	





#15

Methylene chloride

Concen: 11.18 ug/L

RT: 3.264 min Scan# 254

Delta R.T. -0.008 min

Lab File: V22251215B08.D

Acq: 15 Dec 2025 01:31 pm

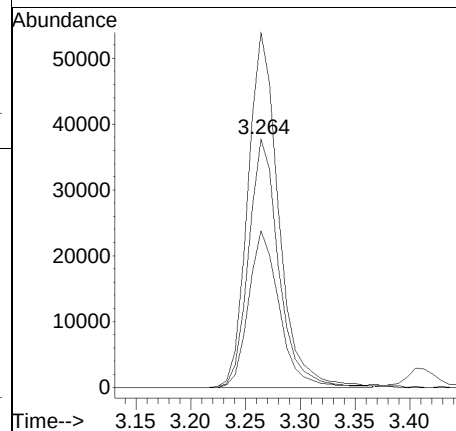
Tgt Ion: 84 Resp: 72400

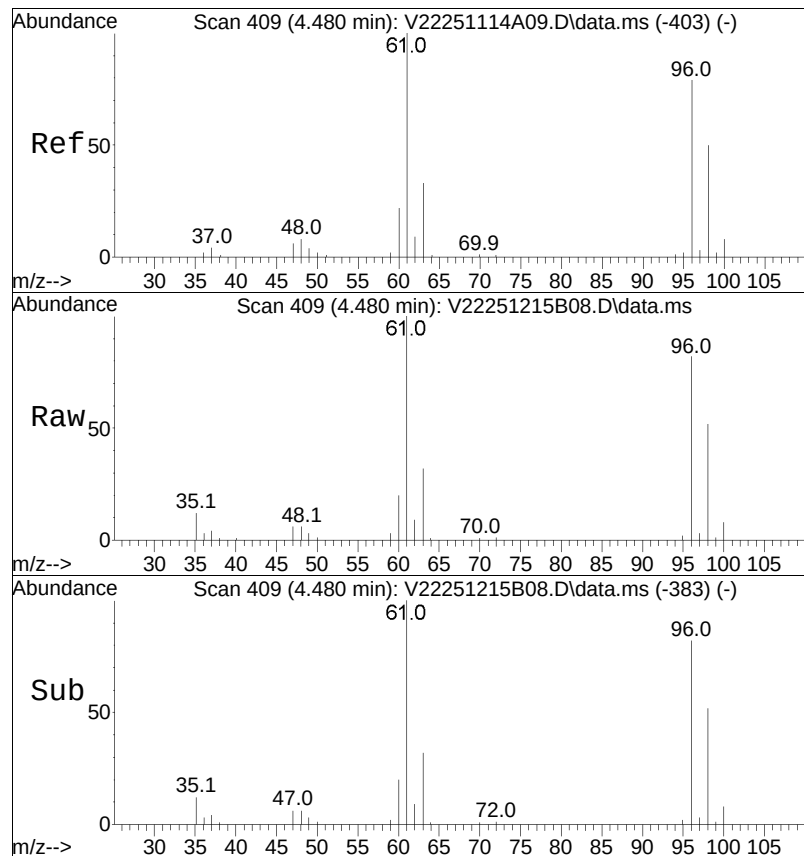
Ion Ratio Lower Upper

84 100

86 64.5 41.3 85.7

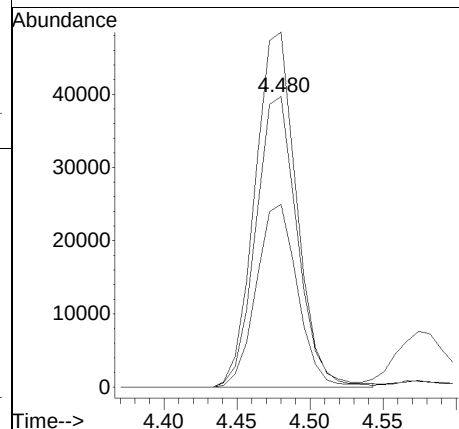
49 145.7 79.7 165.5

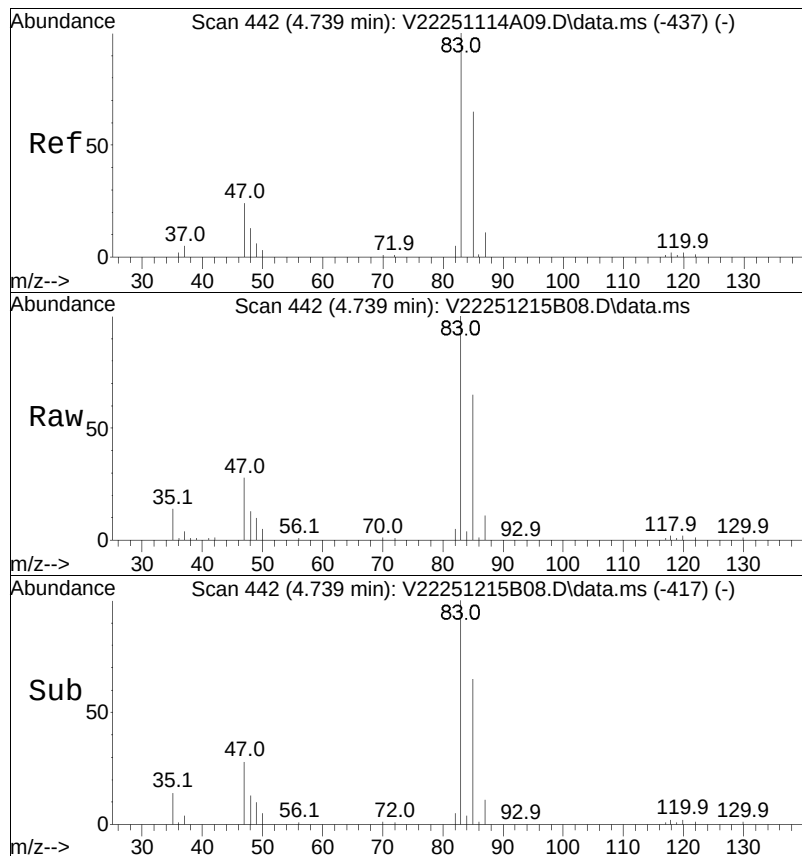




#30
 cis-1,2-Dichloroethene
 Concen: 11.89 ug/L
 RT: 4.480 min Scan# 409
 Delta R.T. 0.000 min
 Lab File: V22251215B08.D
 Acq: 15 Dec 2025 01:31 pm

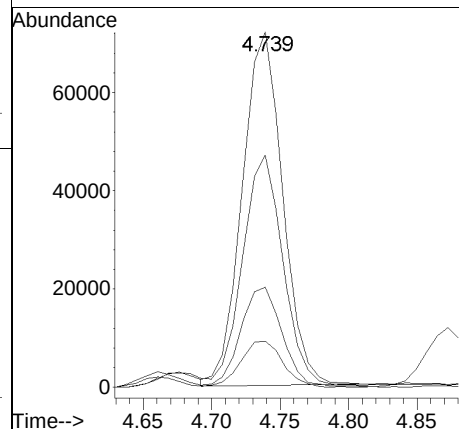
Tgt Ion: 96	Resp: 78517
Ion Ratio	Lower Upper
96 100	
61 122.5	102.3 153.5
98 62.8	51.3 76.9

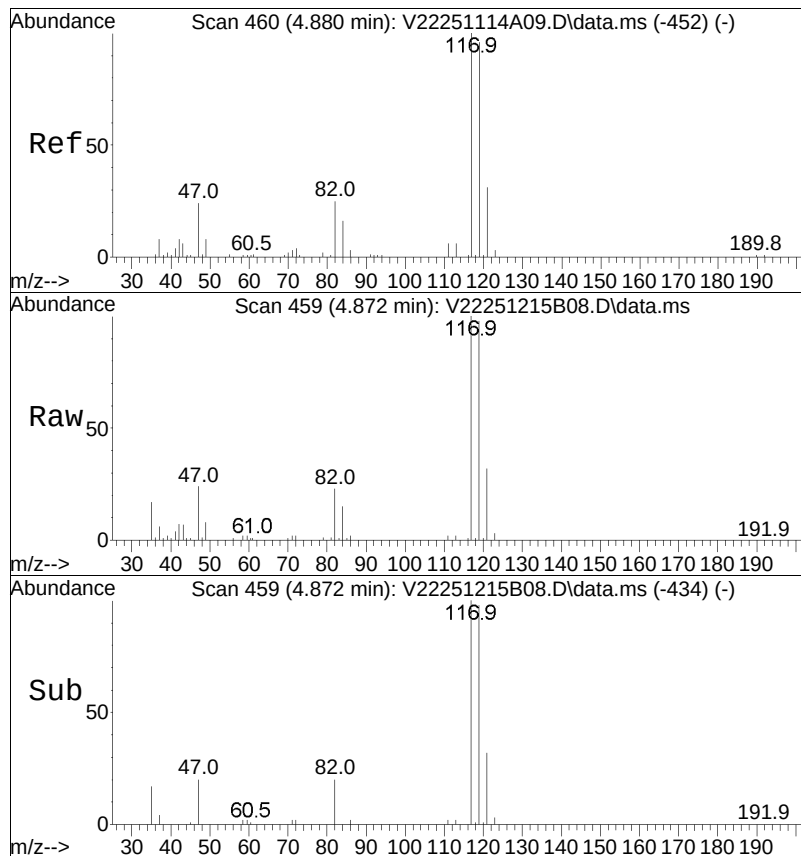




#34
 Chloroform
 Concen: 13.11 ug/L
 RT: 4.739 min Scan# 442
 Delta R.T. 0.000 min
 Lab File: V22251215B08.D
 Acq: 15 Dec 2025 01:31 pm

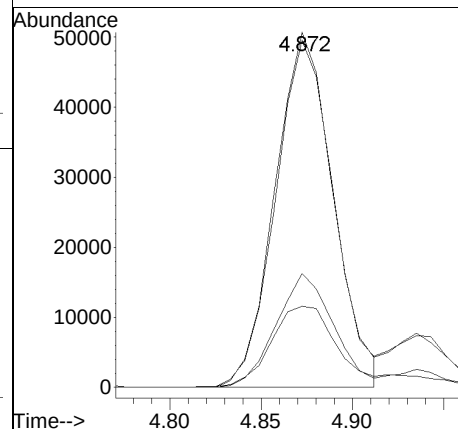
Tgt Ion:	83	Resp:	147900
Ion	Ratio	Lower	Upper
83	100		
85	64.9	42.2	87.6
47	28.4	16.1	33.5
48	13.9	9.0	18.6

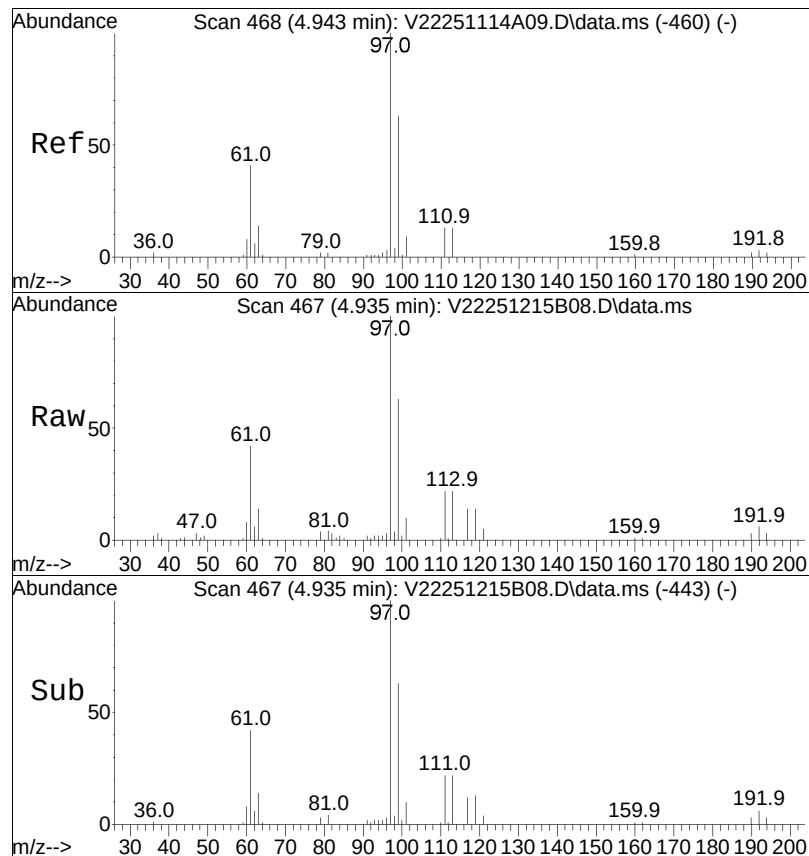




#36
 Carbon tetrachloride
 Concen: 12.89 ug/L
 RT: 4.872 min Scan# 459
 Delta R.T. -0.008 min
 Lab File: V22251215B08.D
 Acq: 15 Dec 2025 01:31 pm

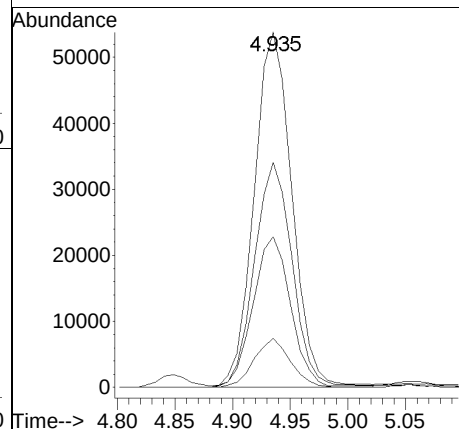
Tgt Ion	117	Resp	111966
Ion Ratio	Lower	Upper	
117	100		
119	98.2	63.1	131.1
121	31.7	20.4	42.4
82	29.4	19.7	40.9

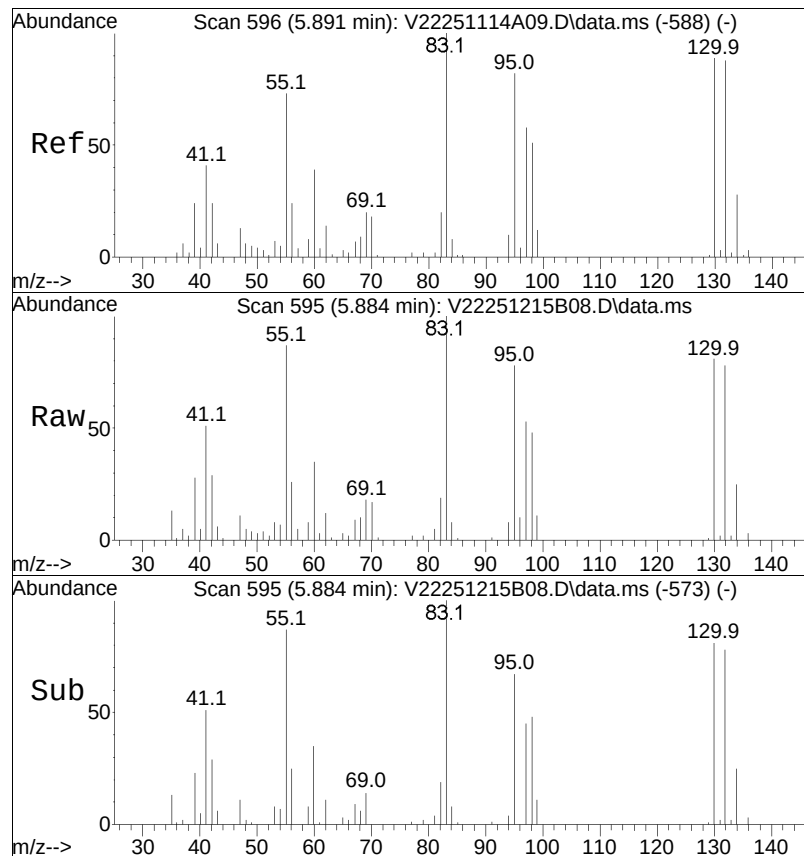




#39
 1,1,1-Trichloroethane
 Concen: 12.59 ug/L
 RT: 4.935 min Scan# 467
 Delta R.T. -0.008 min
 Lab File: V22251215B08.D
 Acq: 15 Dec 2025 01:31 pm

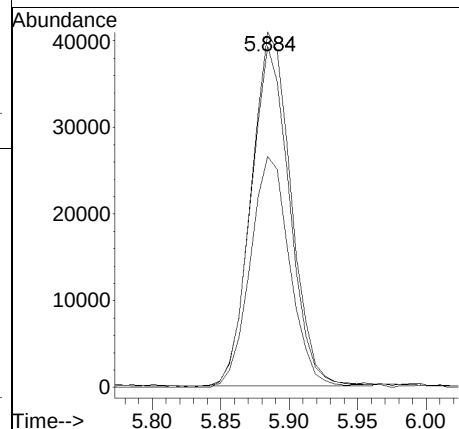
Tgt Ion:	97	Resp:	123059
Ion Ratio	Lower	Upper	
97	100		
99	63.3	41.7	86.5
61	42.4	28.7	59.5
63	13.2	9.2	19.2

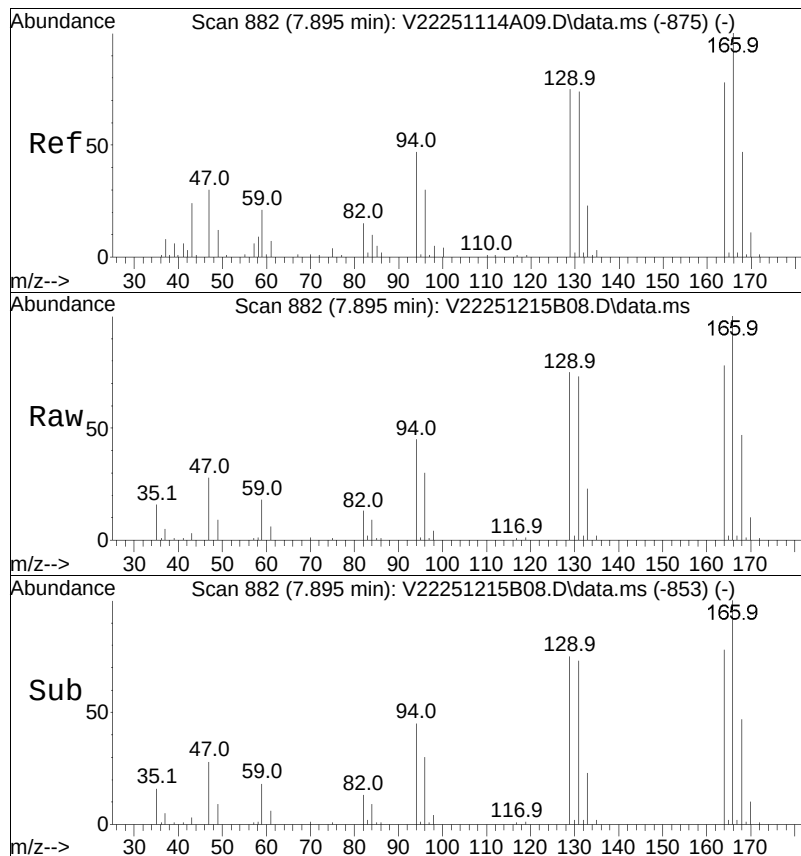




#51
 Trichloroethene
 Concen: 11.13 ug/L
 RT: 5.884 min Scan# 595
 Delta R.T. -0.007 min
 Lab File: V22251215B08.D
 Acq: 15 Dec 2025 01:31 pm

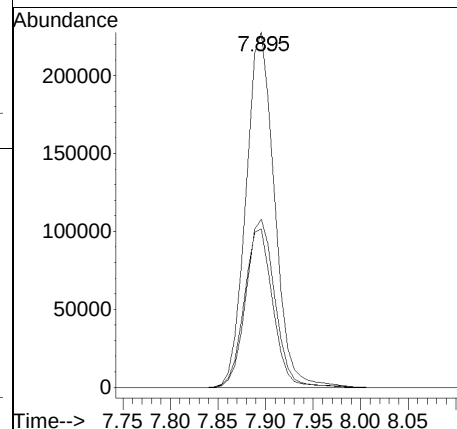
Tgt Ion:	95	Resp:	76856
Ion Ratio	Lower	Upper	
95	100		
97	70.2	54.7	82.1
130	108.7	85.9	128.9





#66
 Tetrachloroethene
 Concen: 71.62 ug/L
 RT: 7.895 min Scan# 882
 Delta R.T. 0.000 min
 Lab File: V22251215B08.D
 Acq: 15 Dec 2025 01:31 pm

Tgt	Ion:166	Resp:	476696
Ion	Ratio	Lower	Upper
166	100		
168	47.9	27.0	67.0
94	44.7	25.5	65.5



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)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 17 2025, 10:42 am

Work Group: WG2154750 for Department: 31 GC/MS - Volatiles

Created: 16-DEC-25 Due: Operator: PID

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2578239-02	FB-01_20251209	S NYTCL-8260	WATER	DONE	U	1223	1218	S0	Vial-B
L2578239-03	TB-01_20251209	S NYTCL-8260	WATER	DONE	U	1223	1218	S0	Vial-B
WG2154750-1	MS BFB Tune Standard	S NYTCL-8260	WATER	DONE	U				
WG2154750-2	Continuing Calibrati	S NYTCL-8260	WATER	DONE	U				
WG2154750-3	Laboratory Control S	S NYTCL-8260	WATER	DONE	U				
WG2154750-4	LCS Duplicate	S NYTCL-8260	WATER	DONE	U				
WG2154750-5	Laboratory Method Bl	S NYTCL-8260	WATER	DONE	U				
Comments:									
WG2154750-4	WG2154750-3								

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 17 2025, 10:42 am

Work Group: WG2154825 for Department: 31 GC/MS - Volatiles

Created: 16-DEC-25 Due: Operator: RAW

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2577620-01	MW-4I	S NYTCL-8260	WATER	SEC	U	1219	1219	S0	Vial-B
L2577620-02	MW-3	S NYTCL-8260	WATER	SEC	U	1219	1219	S0	Vial-B
L2577620-03	MW-1S	S NYTCL-8260	WATER	SEC	U	1219	1219	S0	Vial-B
L2577620-04	MW-1I	S NYTCL-8260	WATER	SEC	U	1219	1219	S0	Vial-B
L2577620-05	MW-2	S NYTCL-8260	WATER	SEC	U	1219	1219	S0	Vial-B
L2577620-06	MW-5S	S NYTCL-8260	WATER	SEC	U	1219	1219	S0	Vial-B
L2577985-02	EB-20251206	S NYTCL-8260-BTEX	WATER	SEC	U	1220	1223	S0	Vial-B
L2577985-06	TRIP BLANK	S NYTCL-8260-BTEX	WATER	SEC	U	1222	1223	S0	Vial-B
L2578239-01	MW-6_20251209	S NYTCL-8260	WATER	DONE	U	1223	1218	S0	Vial-B
WG2154825-1	MS BFB Tune Standard	S NYTCL-8260-BTEX	WATER	DONE	U				
WG2154825-1	MS BFB Tune Standard	S NYTCL-8260	WATER	DONE	U				
WG2154825-2	Continuing Calibrati	S NYTCL-8260-BTEX	WATER	DONE	U				
WG2154825-2	Continuing Calibrati	S NYTCL-8260	WATER	DONE	U				
WG2154825-3	Laboratory Control S	S NYTCL-8260	WATER	DACQ	U				
WG2154825-3	Laboratory Control S	S NYTCL-8260-BTEX	WATER	DONE	U				
WG2154825-4	LCS Duplicate	S NYTCL-8260-BTEX	WATER	DONE	U				
WG2154825-4	LCS Duplicate	S NYTCL-8260	WATER	DACQ	U				
WG2154825-5	Laboratory Method Bl	S NYTCL-8260-BTEX	WATER	DONE	U				
WG2154825-5	Laboratory Method Bl	S NYTCL-8260	WATER	DACQ	U				
WG2154825-6	Matrix Spike	S NYTCL-8260-BTEX	WATER	DONE	U				
WG2154825-6	Matrix Spike	S NYTCL-8260	WATER	DACQ	U				
WG2154825-7	Matrix Spike Duplica	S NYTCL-8260-BTEX	WATER	DONE	U				
WG2154825-7	Matrix Spike Duplica	S NYTCL-8260	WATER	DACQ	U				
Comments:									
WG2154825-4	WG2154825-3								
WG2154825-6	L2578239-01								
WG2154825-7	L2578239-01								

Inst: Elaine

BFB: V11498

Method

Initials: RAW

IS/SS: V11514

GC: 8260-SPLIT

Date: 11/10/25

ICAL: V11515B,V11532

Autosampler: 8260

Run: N

ICV: V11528,V11529,V11490,V11491,V11516,V11517

Concentrator: 8260

QC: _____ Seq: _____



Vial	Data File	Sample	obs
1	VE251110NBF1	BFB TUNE	
1	VE251110N01	BLK	
2	VE251110N02	BLK	
3	VE251110N03	I8260STD0.19PPB	
4	VE251110N04	I8260STD0.19PPB	
5	VE251110N05	I8260STD0.5PPB	
6	VE251110N06	I8260STD0.5PPB	
7	VE251110N07	I8260STD2PPB	
8	VE251110N08	I8260STD2PPB	
9	VE251110N09	I8260STD10PPB	
10	VE251110N10	I8260STD30PPB	
11	VE251110N11	I8260STD80PPB	
12	VE251110N12	I8260STD120PPB	
13	VE251110N13	I8260STD200PPB	
14	VE251110N14	BLK	
15	VE251110N15	BLK	
16	VE251110N16	BLK	
17	VE251110N17	BLK	
18	VE251110N18	C8260STD10PPB	
19	VE251110N19	C8260STD10PPB	
20	VE251110N20	BLK	
21	VE251110N21	MDL METHOD BLK	
22	VE251110N22	MDL L1	
23	VE251110N23	MDL L1	
24	VE251110N24	MDL L2	
25	VE251110N25	MDL L2	
26	VE251110N26	BLK	

Inst: VOA122

Initials: JKH

Date: 11/14/25

Run A

BFB: V11498

IS/SS: V11527

ICAL: V11534A,V11537

ICV: V11528,V11529,V11539,V11538,V11516,V11517

Method

GC: 8260

Autosampler: 8260water

Concentrator: 8260 v122



QC: _____ Seq: _____

Vial	Data File	Sample	Comments	SIM WG	WG	obs	pH
1	V22251114ABF1	BFB TUNE	17:21				
1	V22251114A01	BLK					
2	V22251114A02	BLK					
3	V22251114A03	I8260STD0.19PPB					
4	V22251114A04	I8260STD0.19PPB					
5	V22251114A05	I8260STD0.5PPB					
6	V22251114A06	I8260STD0.5PPB					
7	V22251114A07	I8260STD2PPB					
8	V22251114A08	I8260STD2PPB					
9	V22251114A09	I8260STD10PPB					
10	V22251114A10	I8260STD30PPB					
11	V22251114A11	I8260STD80PPB					
12	V22251114A12	I8260STD120PPB					
13	V22251114A13	I8260STD200PPB					
14	V22251114A14	BLK					
15	V22251114A15	BLK					
16	V22251114A16	BLK					
17	V22251114A17	BLK					
18	V22251114A18	C8260STD10PPB					
19	V22251114A19	C8260STD10PPB					
20	V22251114A20	BLK					
21	V22251114A21	MDL METHOD BLK					
22	V22251114A22	MDL L2					
23	V22251114A23	MDL L2					
24	V22251114A24	MDL L2					
25	V22251114A25	MDL L2					
26	V22251114A26	BLK					

Inst: Elaine

BFB: V11543

Method

Initials: MJV

IS/SS: V11582

GC: 8260-SPLIT

Date: 12/13/25

ICAL: V11554EV11577

Autosampler: 8260

Concentrator: 8260



Run: B

QC: _____ Seq: _____

Vial	Data File	Sample	Comments	SIM WG	WG	obs	pH
1	VE251213BBF1	BFB TUNE 09:15					
1	VE251213B01	8260 CCAL LCS					
2	VE251213B02	8260 CCAL LCSD					
3	VE251213B03	8260 CCAL					
4	VE251213B04	BLK					
5	VE251213B05	METHOD BLK					
6	VE251213B06	L2579241-07D,31,2.5,10,,A NJ/15				OILY	pH<2
7	VE251213B07	D6					
8	VE251213B08	L2578667-01,31,10,10,,A NJ/15				FB	pH<2
9	VE251213B09	L2578667-18,31,10,10,,A NJ/15				FB	pH<2
10	VE251213B10	L2577037-01,31,10,10,,A NJ/15/TBA					pH<2
11	VE251213B11	L2577037-02,31,10,10,,A NJ/15/TBA					pH<2
12	VE251213B12	L2577037-03,31,10,10,,A NJ/15/TBA					pH<2
13	VE251213B13	L2577037-04,31,10,10,,A NJ/15/TBA					pH<2
14	VE251213B14	L2577037-05,31,10,10,,A NJ/15/TBA					pH<2
15	VE251213B15	L2577037-06,31,10,10,,A NJ/15/TBA					pH<2
16	VE251213B16	L2577037-07,31,10,10,,A NJ/15/TBA					pH<2
17	VE251213B17	L2577131-01,31,10,10,,A NJ/BTEX,MTBE,TBA/15					pH<2
18	VE251213B18	L2577131-02D,31,2.0,10,,A NJ/BTEX,MTBE,TBA/15					pH<2
19	VE251213B19	L2577131-03,31,10,10,,A NJ/BTEX,MTBE,TBA/15					pH<2
20	VE251213B20	L2577131-04,31,10,10,,A NJ/BTEX,MTBE,TBA/15					pH<2
21	VE251213B21	L2577131-05,31,10,10,,A NJ/BTEX,MTBE,TBA/15					pH<2
22	VE251213B22	L2577131-06,31,10,10,,A NJ/BTEX,MTBE,TBA/15					pH<2
23	VE251213B23	L2576995-04,31,10,10,,A NJ/BENZ/15					pH<2
24	VE251213B24	L2578239-01,31,10,10,,A NY/NJTCL					pH<2
25	VE251213B25	L2578239-02,31,10,10,,A NY/NJTCL				FB	pH<2
26	VE251213B26	L2578239-03,31,10,10,,A NY/NJTCL				TB	pH<2
27	VE251213B27	L2578239-01MS,31,10,10,,A2 NY/NJTCL					pH<2
28	VE251213B28	L2578239-01MSD,31,10,10,,A1NY/NJTCL					pH<2
29	VE251213B29	HBM					
30	VE251213B30	BLK					
31	VE251213B31	BLK					

Inst: VOA122

Initials: PID

Date: 12/15/25

Run B

BFB: V11543

IS/SS: V11582

ICAL: V11554C,V11577

Method
GC: 8260
Autosampler: 8260water
Concentrator: 8260 v122



QC: _____ Seq: _____

Vial	Data File	Sample	Comments	SIM WG	WG	obs	pH
1	V22251215BBF1	BFB TUNE 10:15					
1	V22251215B01	8260 CCAL LCS					
2	V22251215B02	8260 CCAL LCSD					
3	V22251215B03	8260 CCAL					
4	V22251215B04	BLK					
5	V22251215B05	METHOD BLK					
6	V22251215B06	I2578239-01,31,10,10,,c	NY/SUB				pH<2
7	V22251215B07	I2578239-01MS,31,10,10,,c1	NY/SUB				pH<2
8	V22251215B08	I2578239-01MSD,31,10,10,,c2	NY/SUB				pH<2
9	V22251215B09	I2577985-02,31,10,10,,a	NY/BTEX				pH<2
10	V22251215B10	L2579316-02d,31,1.0,10,,A	8260		DARK,CLOUDY,VERY OILY		pH>2
11	V22251215B11	L2579316-01d,31,2.0,10,,A	8260		OILY		pH<2
12	V22251215B12	I2577985-06,31,10,10,,a	NY/BTEX			TB	pH<2
13	V22251215B13	I2577621-01,31,10,10,,a	NJ/15				pH<2
14	V22251215B14	L2577621-02d,31,4.0,10,,A	NJ/15				pH<2
15	V22251215B15	I2577621-03,31,10,10,,a	NJ/15				pH<2
16	V22251215B16	I2577621-04,31,10,10,,a	NJ/15				pH<2
17	V22251215B17	I2577621-06,31,10,10,,a	NJ/15				pH<2
18	V22251215B18	I2577621-07,31,10,10,,a	NJ/15			FB	pH<2
19	V22251215B19	I2577621-08,31,10,10,,a	NJ/15			TB	pH<2
20	V22251215B20	I2579436-01,31,10,10,,a	NJ/15			FB	pH<2
21	V22251215B21	I2579436-04,31,10,10,,a	NJ/15			TB	pH<2
22	V22251215B22	I2577620-01,31,10,10,,a	NYTCL				pH<2
23	V22251215B23	I2577620-02,31,10,10,,a	NYTCL				pH<2
24	V22251215B24	I2577620-03,31,10,10,,a	NYTCL				pH<2
25	V22251215B25	I2577620-04,31,10,10,,a	NYTCL				pH<2
26	V22251215B26	I2577620-05,31,10,10,,a	NYTCL				pH<2
27	V22251215B27	I2577620-06,31,10,10,,a	NYTCL				pH<2
28	V22251215B28	HBM					
29	V22251215B29	BLK					
30	V22251215B30	BLK					



Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2578603

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Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2578603
Report Date: 12/22/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2578603-01	MW-4_20251210	WATER	340 MYRTLE AVE, BROOKLYN, NY	12/10/25 09:20	12/10/25
L2578603-02	MW-5_20251210	WATER	340 MYRTLE AVE, BROOKLYN, NY	12/10/25 12:00	12/10/25
L2578603-03	MW-7_20251210	WATER	340 MYRTLE AVE, BROOKLYN, NY	12/10/25 14:15	12/10/25
L2578603-04	MW-3I_20251210	WATER	340 MYRTLE AVE, BROOKLYN, NY	12/10/25 15:30	12/10/25
L2578603-05	DUP-01_20251210	WATER	340 MYRTLE AVE, BROOKLYN, NY	12/10/25 09:25	12/10/25
L2578603-06	TB-02_20251210	WATER	340 MYRTLE AVE, BROOKLYN, NY	12/10/25 00:00	12/10/25

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2578603
Report Date: 12/22/25

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 Pace 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, Pace'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 Pace 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: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2578603
Report Date: 12/22/25

Case Narrative (continued)

Report Submission

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

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: *Siffani Morrissey*

Report Date: 12/22/25

Title: Technical Director/Representative

DATA PACKAGE 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



Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2578603
Report Date: 12/22/25

Data Qualifiers

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 or U** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	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	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	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 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

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

Pesticides/PCB/Herbicides:

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

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
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

Pace Job Number : L2578603

Received : 10-DEC-2025

Reviewer : Mohammed Wahed

Account Name : Haley & Aldrich

Project Number : 0210873-001-001-07

Project Name : 340 MYRTLE AVE

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.1	

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?	YES
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

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Dec 22 2025, 08:02 pm

Login Number: L2578603

Account: HALEY-NYC Haley & AldrichProject: 0210873-001-001-07

Received: 10DEC25

Due Date: 19DEC25

Sample # Client ID Mat PR Collected

L2578603-01 MW-4_20251210 1 S0 10DEC25 09:20

8260: CVOC RL built ASP-B Package Due Date: 12/19/25

ASP-B, NYTCL-8260

L2578603-02 MW-5_20251210 1 S0 10DEC25 12:00

8260: CVOC RL built Package Due Date: 12/19/25

NYTCL-8260

L2578603-03 MW-7_20251210 1 S0 10DEC25 14:15

8260: CVOC RL built Package Due Date: 12/19/25

NYTCL-8260

L2578603-04 MW-3I_20251210 1 S0 10DEC25 15:30

8260: CVOC RL built Package Due Date: 12/19/25

NYTCL-8260

L2578603-05 DUP-01_20251210 1 S0 10DEC25 09:25

8260: CVOC RL built Package Due Date: 12/19/25

NYTCL-8260

L2578603-06 TB-02_20251210 1 S0 10DEC25 00:00

8260: CVOC RL built Package Due Date: 12/19/25

NYTCL-8260

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Logged By: Mohammed Wahed



Organics

GC/MS 8260

Analysis

Volatiles QC Summary

Surrogate Recovery Summary

Form 2

Volatiles

Client: Haley & Aldrich
Project Name: 340 MYRTLE AVE

Lab Number: L2578603
Project Number: 0210873-001-001-07
Matrix:

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-4_20251210 (L2578603-01)	100	94	100	100	0
MW-5_20251210 (L2578603-02)	103	93	99	103	0
MW-7_20251210 (L2578603-03)	106	92	97	106	0
MW-3I_20251210 (L2578603-04)	105	93	97	104	0
DUP-01_20251210 (L2578603-05)	103	91	98	101	0
TB-02_20251210 (L2578603-06)	107	93	97	106	0
WG2155134-3LCS	103	96	100	98	0
WG2155134-4LCSD	104	96	99	97	0
WG2155134-5BLANK	103	94	99	104	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



Laboratory Control Sample Summary

Form 3

Volatiles

Client	: Haley & Aldrich	Lab Number	: L2578603
Project Name	: 340 MYRTLE AVE	Project Number	: 0210873-001-001-07
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2155134-3	Analysis Date	: 12/16/25 08:30
LCSD Sample ID	: WG2155134-4	Analysis Date	: 12/16/25 08:56
		File ID	: VG251216A04
		File ID	: VG251216A05

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	9.4	94	10	9.2	92	2	70-130	20
Chloroform	10	10	100	10	9.1	91	9	70-130	20
Carbon tetrachloride	10	10	100	10	9.5	95	5	63-132	20
Tetrachloroethene	10	10	100	10	9.4	94	6	70-130	20
1,1,1-Trichloroethane	10	9.9	99	10	9.6	96	3	67-130	20
Vinyl chloride	10	9.6	96	10	9.0	90	6	55-140	20
1,1-Dichloroethene	10	10	100	10	9.3	93	7	61-145	20
Trichloroethene	10	9.6	96	10	9.1	91	5	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	9.6	96	4	70-130	20



**Method Blank Summary
Form 4
Volatiles**

Client	: Haley & Aldrich	Lab Number	: L2578603
Project Name	: 340 MYRTLE AVE	Project Number	: 0210873-001-001-07
Lab Sample ID	: WG2155134-5	Lab File ID	: VG251216A07
Instrument ID	: GONZO		
Matrix	: WATER	Analysis Date	: 12/16/25 09:49

Client Sample No.	Lab Sample ID	Analysis Date
WG2155134-3LCS	WG2155134-3	12/16/25 08:30
WG2155134-4LCSD	WG2155134-4	12/16/25 08:56
MW-4_20251210	L2578603-01	12/16/25 10:42
MW-5_20251210	L2578603-02	12/16/25 11:09
MW-7_20251210	L2578603-03	12/16/25 11:35
MW-3I_20251210	L2578603-04	12/16/25 12:02
DUP-01_20251210	L2578603-05	12/16/25 12:28
TB-02_20251210	L2578603-06	12/16/25 12:55

Instrument Performance Check (Tune) Summary

Form 5

Volatiles

Bromofluorobenzene (BFB)

Client : Haley & Aldrich	Lab Number : L2578603
Project Name : 340 MYRTLE AVE	Project Number : 0210873-001-001-07
Instrument ID : GONZO	Analysis Date : 10/24/25 12:01
Tune Standard : WG2132896-1	Tune File ID : VG251024ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22.7
75	30.0 - 80.0% of mass 95	49.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	1.2 (1.2)1
174	Greater than 50.0% of mass 95	95.7
175	5.0 - 9.0% of mass 174	6.6 (6.9)1
176	Greater than 95.0% but less than 101% of mass	92.2 (96.3)1
177	5.0 - 9.0% of mass 176	6.5 (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	R2027760-1	VG251024A03	10/24/25 13:08
STD0.5PPB	R2027760-2	VG251024A05	10/24/25 14:01
STD2PPB	R2027760-3	VG251024A07	10/24/25 14:55
STD10PPB	R2027760-4	VG251024A09	10/24/25 15:48
STD30PPB	R2027760-5	VG251024A10	10/24/25 16:14
STD80PPB	R2027760-6	VG251024A11	10/24/25 16:41
STD120PPB	R2027760-7	VG251024A12	10/24/25 17:08
STD200PPB	R2027760-8	VG251024A13	10/24/25 17:34
Correlation Data Summary	R2027760-9	VG251024A18	10/24/25 19:47
ICV Quant Report	R2027760-9	VG251024A18	10/24/25 19:47



Instrument Performance Check (Tune) Summary

Form 5

Volatiles

Bromofluorobenzene (BFB)

Client : Haley & Aldrich	Lab Number : L2578603
Project Name : 340 MYRTLE AVE	Project Number : 0210873-001-001-07
Instrument ID : GONZO	Analysis Date : 12/16/25 06:55
Tune Standard : WG2155134-1	Tune File ID : VG251216ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	25.2
75	30.0 - 80.0% of mass 95	49
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.7 (.8)1
174	Greater than 50.0% of mass 95	93.5
175	5.0 - 9.0% of mass 174	6.6 (7.1)1
176	Greater than 95.0% but less than 101% of mass	89.6 (95.8)1
177	5.0 - 9.0% of mass 176	5.4 (6)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
WG2155134-2CCAL	WG2155134-2	VG251216A04	12/16/25 08:30
WG2155134-3LCS	WG2155134-3	VG251216A04	12/16/25 08:30
WG2155134-4LCSD	WG2155134-4	VG251216A05	12/16/25 08:56
WG2155134-5BLANK	WG2155134-5	VG251216A07	12/16/25 09:49
MW-4_20251210	L2578603-01	VG251216A09	12/16/25 10:42
MW-5_20251210	L2578603-02	VG251216A10	12/16/25 11:09
MW-7_20251210	L2578603-03	VG251216A11	12/16/25 11:35
MW-3I_20251210	L2578603-04	VG251216A12	12/16/25 12:02
DUP-01_20251210	L2578603-05	VG251216A13	12/16/25 12:28
TB-02_20251210	L2578603-06	VG251216A14	12/16/25 12:55



Internal Standard Area and RT Summary

Form 8a

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : GONZO
 Sample No : WG2155134-2

Lab Number : L2578603
 Project Number : 0210873-001-001-07
 Analysis Date : 12/16/25 08:30:00
 Lab File ID : VG251216A04

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2155134-2	334860	5.95	268101	9.48	158798	12.19
Upper Limit	669720	6.45	536202	9.98	317596	12.69
Lower Limit	167430	5.45	134051	8.98	79399	11.69
Sample ID						
WG2155134-3 LCS	334860	5.95	268101	9.48	158798	12.19
WG2155134-4 LCSD	342485	5.95	273582	9.48	165689	12.19
WG2155134-5 BLANK	302468	5.95	244221	9.48	139037	12.20
MW-4_20251210	296335	5.95	233676	9.48	127082	12.19
MW-5_20251210	288412	5.95	229449	9.48	127163	12.20
MW-7_20251210	267438	5.95	220466	9.48	120866	12.20
MW-3I_20251210	273607	5.95	216476	9.48	119917	12.20
DUP-01_20251210	277327	5.95	222618	9.48	118922	12.20
TB-02_20251210	266152	5.95	215518	9.48	118091	12.20

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: 04/17/25
Created By: Jason Hebert
File: PM19302-1
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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 Pace Analytical Services.



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Date Created: 04/17/25
Created By: Jason Hebert
File: PM19302-1
Page: 2

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		
Dichlorodifluoromethane	75-71-8	5	0.244	ug/l	36-147	20	36-147	20	20			
Acetone	67-64-1	5	1.46	ug/l	58-148	20	58-148	20	20			
Carbon disulfide	75-15-0	5	0.299	ug/l	51-130	20	51-130	20	20			
2-Butanone	78-93-3	5	1.94	ug/l	63-138	20	63-138	20	20			
Vinyl acetate	108-05-4	5	0.311	ug/l	70-130	20	70-130	20	20			
4-Methyl-2-pentanone	108-10-1	5	0.416	ug/l	59-130	20	59-130	20	20			
2-Hexanone	591-78-6	5	0.515	ug/l	57-130	20	57-130	20	20			
Ethyl methacrylate	97-63-2	5	0.606	ug/l	70-130	20	70-130	20	20			
Acrylonitrile	107-13-1	5	0.43	ug/l	70-130	20	70-130	20	20			
Bromochloromethane	74-97-5	2.5	0.152	ug/l	70-130	20	70-130	20	20			
Tetrahydrofuran	109-99-9	5	0.525	ug/l	58-130	20	58-130	20	20			
2,2-Dichloropropane	594-20-7	2.5	0.204	ug/l	63-133	20	63-133	20	20			
1,2-Dibromoethane	106-93-4	2	0.193	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropane	142-28-9	2.5	0.212	ug/l	70-130	20	70-130	20	20			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.164	ug/l	64-130	20	64-130	20	20			
Bromobenzene	108-86-1	2.5	0.152	ug/l	70-130	20	70-130	20	20			
n-Butylbenzene	104-51-8	0.5	0.192	ug/l	53-136	20	53-136	20	20			
sec-Butylbenzene	135-98-8	0.5	0.181	ug/l	70-130	20	70-130	20	20			
tert-Butylbenzene	98-06-6	2.5	0.196	ug/l	70-130	20	70-130	20	20			
o-Chlorotoluene	95-49-8	2.5	0.215	ug/l	70-130	20	70-130	20	20			
p-Chlorotoluene	106-43-4	2.5	0.185	ug/l	70-130	20	70-130	20	20			
1,2-Dibromo-3-chloropropane	96-12-8	2.5	0.353	ug/l	41-144	20	41-144	20	20			
Hexachlorobutadiene	87-68-3	0.5	0.217	ug/l	63-130	20	63-130	20	20			
Isopropylbenzene	98-82-8	0.5	0.187	ug/l	70-130	20	70-130	20	20			
p-Isopropyltoluene	99-87-6	0.5	0.188	ug/l	70-130	20	70-130	20	20			
Naphthalene	91-20-3	2.5	0.216	ug/l	70-130	20	70-130	20	20			
n-Propylbenzene	103-65-1	0.5	0.173	ug/l	69-130	20	69-130	20	20			
1,2,3-Trichlorobenzene	87-61-6	2.5	0.234	ug/l	70-130	20	70-130	20	20			
1,2,4-Trichlorobenzene	120-82-1	2.5	0.22	ug/l	70-130	20	70-130	20	20			
1,3,5-Trimethylbenzene	108-67-8	2.5	0.217	ug/l	64-130	20	64-130	20	20			
1,2,4-Trimethylbenzene	95-63-6	2.5	0.191	ug/l	70-130	20	70-130	20	20			
trans-1,4-Dichloro-2-butene	110-57-6	2.5	0.213	ug/l	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2.5	0.163	ug/l	59-134	20	59-134	20	20			
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)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.



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Volatiles Sample Data

Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Haley & Aldrich		Lab Number	: L2578603
Project Name	: 340 MYRTLE AVE		Project Number	: 0210873-001-001-07
Lab ID	: L2578603-01		Date Collected	: 12/10/25 09:20
Client ID	: MW-4_20251210		Date Received	: 12/10/25
Sample Location	: 340 MYRTLE AVE, BROOKLYN, NY		Date Analyzed	: 12/16/25 10:42
Sample Matrix	: WATER		Dilution Factor	: 1
Analytical Method	: 1,8260D		Analyst	: MJV
Lab File ID	: VG251216A09		Instrument ID	: GONZO
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	
75-09-2	Methylene chloride	ND	2.5	0.70	U
67-66-3	Chloroform	2.1	2.5	0.70	J
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
127-18-4	Tetrachloroethene	44	0.50	0.18	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
79-01-6	Trichloroethene	0.66	0.50	0.18	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2578603
Project Name	: 340 MYRTLE AVE	Project Number	: 0210873-001-001-07
Lab ID	: L2578603-02	Date Collected	: 12/10/25 12:00
Client ID	: MW-5_20251210	Date Received	: 12/10/25
Sample Location	: 340 MYRTLE AVE, BROOKLYN, NY	Date Analyzed	: 12/16/25 11:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG251216A10	Instrument ID	: GONZO
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	
75-09-2	Methylene chloride	ND	2.5	0.70	U
67-66-3	Chloroform	6.9	2.5	0.70	
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
127-18-4	Tetrachloroethene	29	0.50	0.18	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
79-01-6	Trichloroethene	0.70	0.50	0.18	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Haley & Aldrich	Lab Number : L2578603
Project Name : 340 MYRTLE AVE	Project Number : 0210873-001-001-07
Lab ID : L2578603-03	Date Collected : 12/10/25 14:15
Client ID : MW-7_20251210	Date Received : 12/10/25
Sample Location : 340 MYRTLE AVE, BROOKLYN, NY	Date Analyzed : 12/16/25 11:35
Sample Matrix : WATER	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : MJV
Lab File ID : VG251216A11	Instrument ID : GONZO
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	
75-09-2	Methylene chloride	ND	2.5	0.70	U
67-66-3	Chloroform	4.7	2.5	0.70	
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
127-18-4	Tetrachloroethene	12	0.50	0.18	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
79-01-6	Trichloroethene	0.96	0.50	0.18	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2578603
Project Name	: 340 MYRTLE AVE	Project Number	: 0210873-001-001-07
Lab ID	: L2578603-04	Date Collected	: 12/10/25 15:30
Client ID	: MW-3I_20251210	Date Received	: 12/10/25
Sample Location	: 340 MYRTLE AVE, BROOKLYN, NY	Date Analyzed	: 12/16/25 12:02
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG251216A12	Instrument ID	: GONZO
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	
75-09-2	Methylene chloride	ND	2.5	0.70	U
67-66-3	Chloroform	5.8	2.5	0.70	
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
127-18-4	Tetrachloroethene	38	0.50	0.18	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
79-01-6	Trichloroethene	0.57	0.50	0.18	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2578603
Project Name	: 340 MYRTLE AVE	Project Number	: 0210873-001-001-07
Lab ID	: L2578603-05	Date Collected	: 12/10/25 09:25
Client ID	: DUP-01_20251210	Date Received	: 12/10/25
Sample Location	: 340 MYRTLE AVE, BROOKLYN, NY	Date Analyzed	: 12/16/25 12:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG251216A13	Instrument ID	: GONZO
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	
75-09-2	Methylene chloride	ND	2.5	0.70	U
67-66-3	Chloroform	2.1	2.5	0.70	J
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
127-18-4	Tetrachloroethene	47	0.50	0.18	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
79-01-6	Trichloroethene	0.65	0.50	0.18	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2578603
Project Name	: 340 MYRTLE AVE	Project Number	: 0210873-001-001-07
Lab ID	: L2578603-06	Date Collected	: 12/10/25 00:00
Client ID	: TB-02_20251210	Date Received	: 12/10/25
Sample Location	: 340 MYRTLE AVE, BROOKLYN, NY	Date Analyzed	: 12/16/25 12:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG251216A14	Instrument ID	: GONZO
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	
75-09-2	Methylene chloride	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
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Lab ID : WG2155134-5
 Client ID : WG2155134-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG251216A07
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2578603
 Project Number : 0210873-001-001-07
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 12/16/25 09:49
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : GONZO
 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
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U



Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A09.D
 Acq On : 16 Dec 2025 10:42 am
 Operator : GONZO:MJV
 Sample : l2578603-01,31,10,10,,a
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 17 10:39:30 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251216A\VG251216A04.D
 Sub List : 8260-NYTCL - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.949	96	296335	10.000	ug/L	0.00
Standard Area 1 = 334860			Recovery	=	88.50%	
59) Chlorobenzene-d5	9.477	117	233676	10.000	ug/L	0.00
Standard Area 1 = 268101			Recovery	=	87.16%	
79) 1,4-Dichlorobenzene-d4	12.191	152	127082	10.000	ug/L	0.00
Standard Area 1 = 158798			Recovery	=	80.03%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	78585	10.047	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.47%	
43) 1,2-Dichloroethane-d4	5.667	65	84263	9.989	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.89%	
60) Toluene-d8	7.636	98	281254	9.359	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	93.59%	
83) 4-Bromofluorobenzene	10.981	95	99674	10.027	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.27%	
Target Compounds						
						Qvalue
4) Vinyl chloride	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
15) Methylene chloride	3.464	84	87		N.D.	
28) cis-1,2-Dichloroethene	4.723	96	1701	0.208	ug/L	85
32) Chloroform	4.972	83	27882	2.064	ug/L	95
34) Carbon tetrachloride	4.979	117	138		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.133	95	5454	0.658	ug/L	93
63) Tetrachloroethene	8.137	166	398404	44.385	ug/L	99

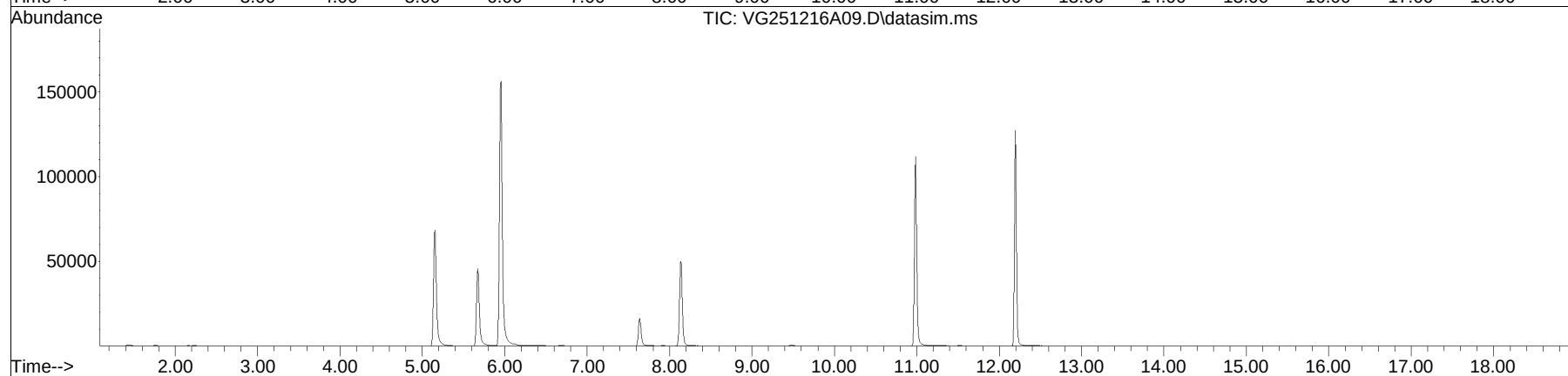
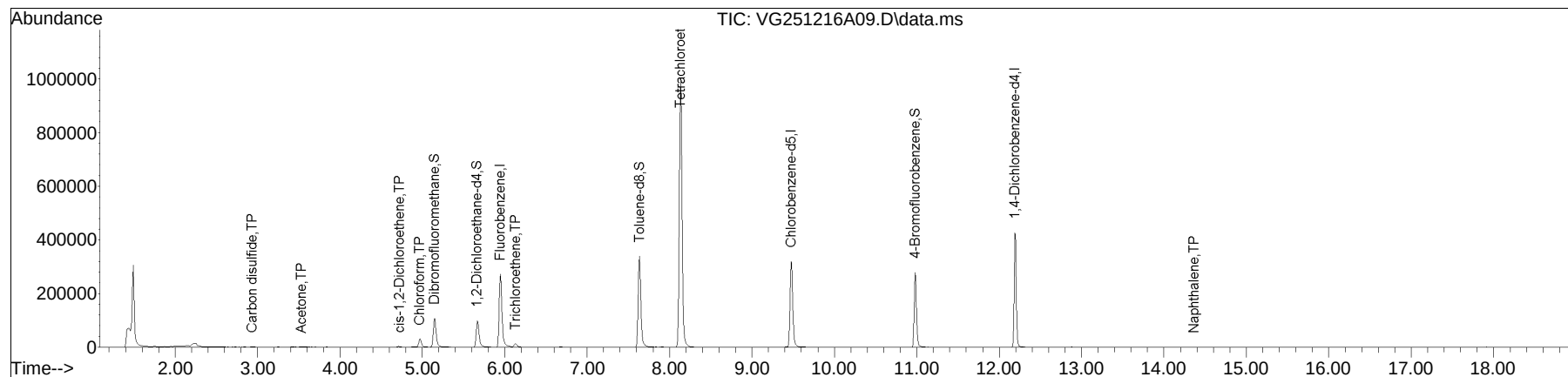
(#) = qualifier out of range (m) = manual integration (+) = signals summed

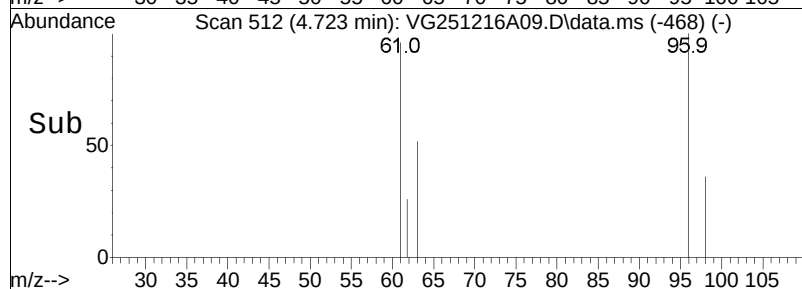
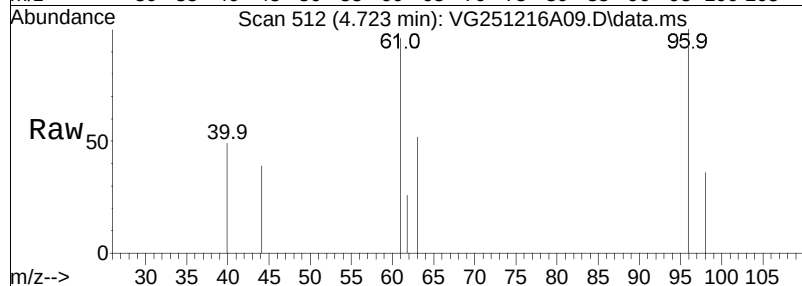
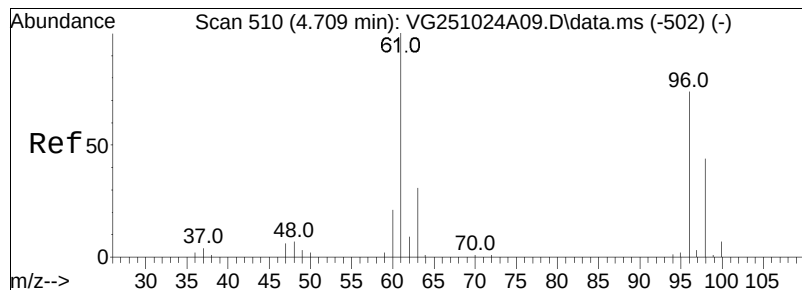
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A09.D
 Acq On : 16 Dec 2025 10:42 am
 Operator : GONZO:MJV
 Sample : l2578603-01,31,10,10,,a
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 17 10:39:30 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox1216A04.D•





#28

cis-1,2-Dichloroethene

Concen: 0.21 ug/L

RT: 4.723 min Scan# 512

Delta R.T. 0.014 min

Lab File: VG251216A09.D

Acq: 16 Dec 2025 10:42 am

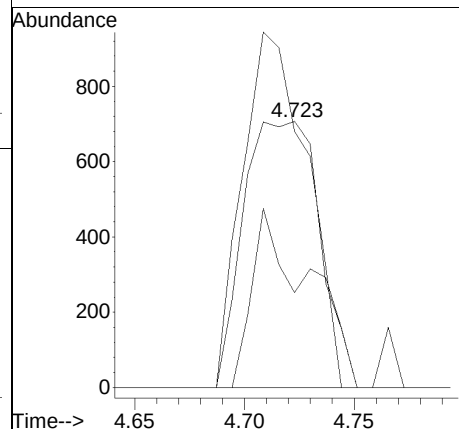
Tgt Ion: 96 Resp: 1701

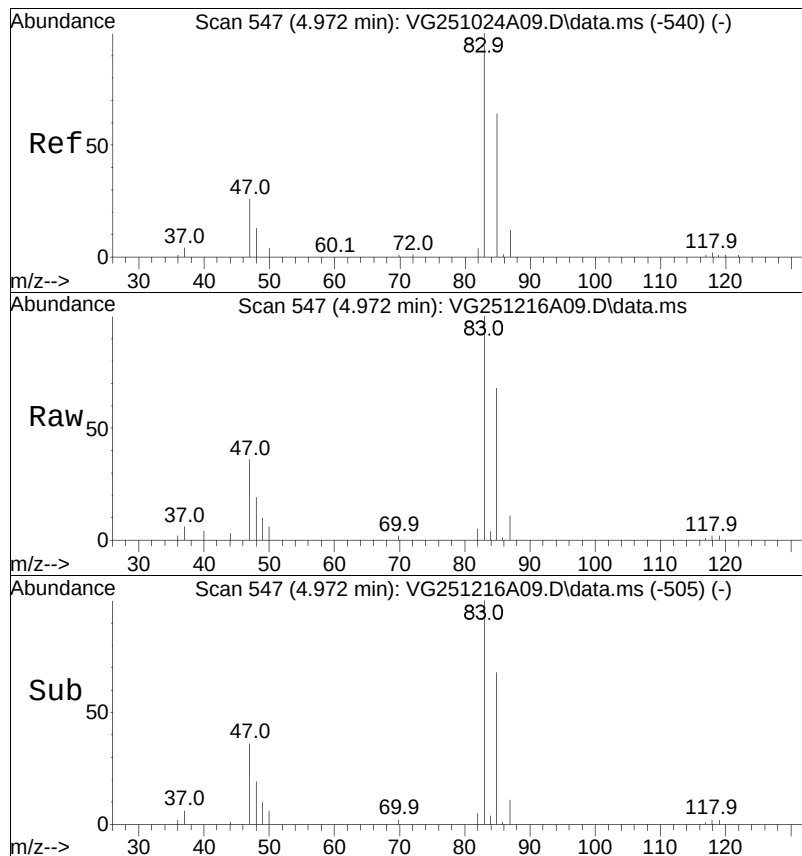
Ion Ratio Lower Upper

96 100

61 113.1 104.9 157.3

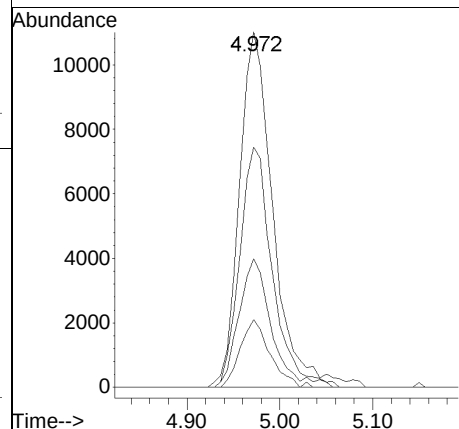
98 50.4 48.6 72.8

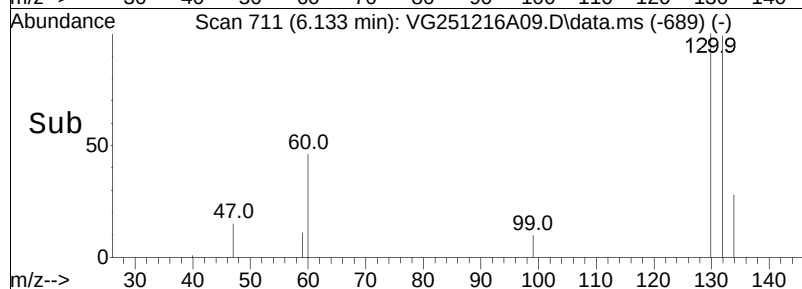
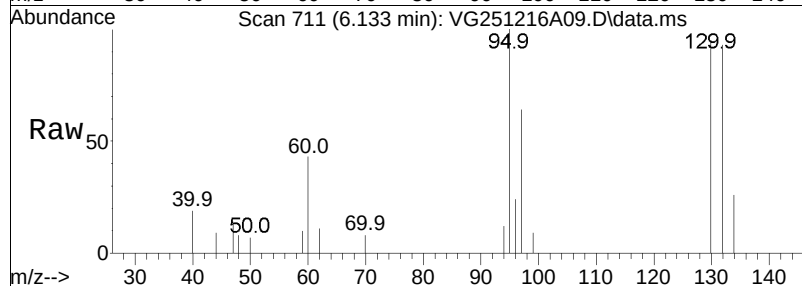
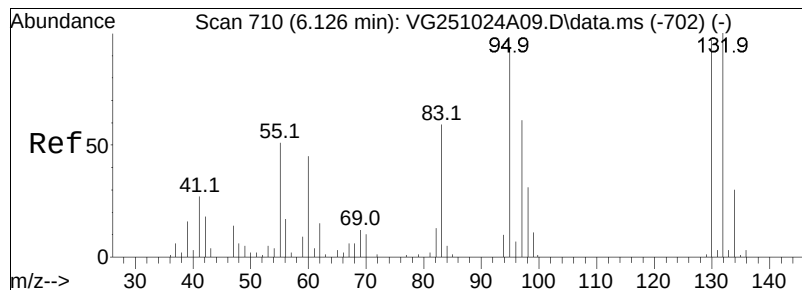




#32
 Chloroform
 Concen: 2.06 ug/L
 RT: 4.972 min Scan# 547
 Delta R.T. -0.000 min
 Lab File: VG251216A09.D
 Acq: 16 Dec 2025 10:42 am

Tgt	Ion: 83	Resp:	27882
Ion	Ratio	Lower	Upper
83	100		
85	65.4	42.1	87.3
47	34.9	17.2	35.8
48	16.9	9.6	20.0





#48

Trichloroethene

Concen: 0.66 ug/L

RT: 6.133 min Scan# 711

Delta R.T. 0.007 min

Lab File: VG251216A09.D

Acq: 16 Dec 2025 10:42 am

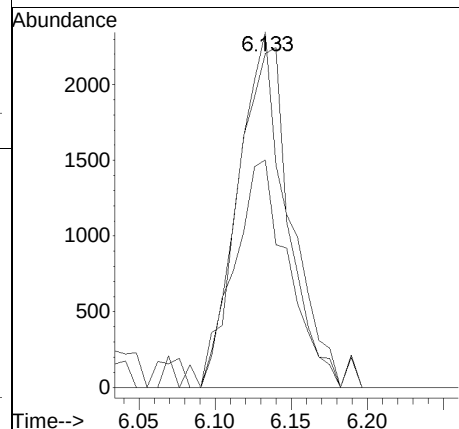
Tgt Ion: 95 Resp: 5454

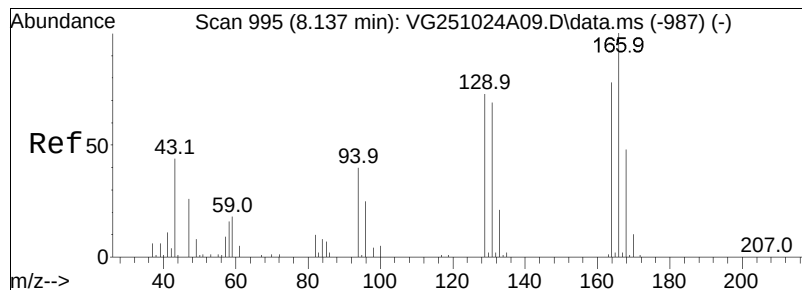
Ion Ratio Lower Upper

95 100

97 67.7 54.1 81.1

130 97.1 87.6 131.4





#63

Tetrachloroethene

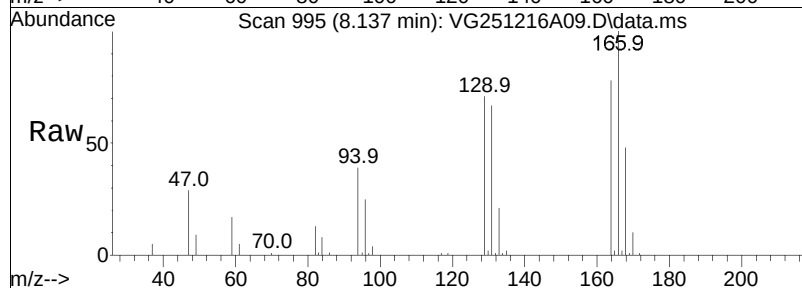
Concen: 44.38 ug/L

RT: 8.137 min Scan# 995

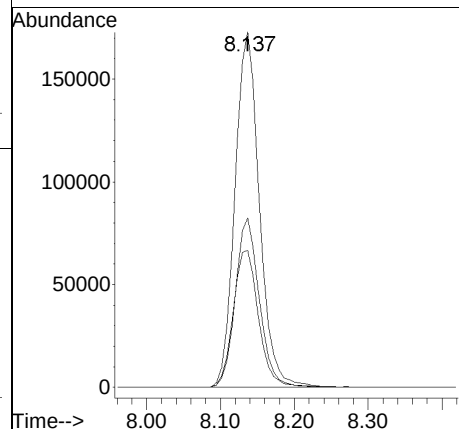
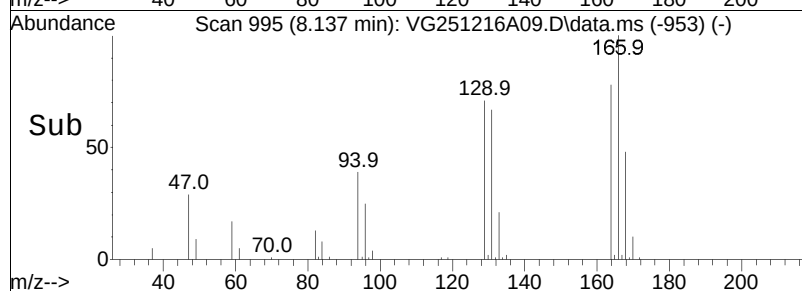
Delta R.T. -0.000 min

Lab File: VG251216A09.D

Acq: 16 Dec 2025 10:42 am



Tgt	Ion:166	Resp:	398404
Ion	Ratio	Lower	Upper
166	100		
168	46.9	26.8	66.8
94	39.9	18.2	58.2



Manual Integration Report

Data Path	: K:\Gonzo\2025\251216A\	QMethod	: G_251024A_8260.m
Data File	: VG251216A09.D	Operator	: GONZO:MJV
Date Inj'd	: 12/16/2025 10:42 am	Instrument	: Gonzo
Sample	: l2578603-01,31,10,10,,a	Quant Date	: 12/17/2025 6:45 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A10.D
 Acq On : 16 Dec 2025 11:09 am
 Operator : GONZO:MJV
 Sample : l2578603-02,31,10,10,,a
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 17 10:40:00 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251216A\VG251216A04.D
 Sub List : 8260-NYTCL - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.949	96	288412	10.000	ug/L	0.00
Standard Area 1 = 334860			Recovery	=	86.13%	
59) Chlorobenzene-d5	9.477	117	229449	10.000	ug/L	0.00
Standard Area 1 = 268101			Recovery	=	85.58%	
79) 1,4-Dichlorobenzene-d4	12.198	152	127163	10.000	ug/L	0.00
Standard Area 1 = 158798			Recovery	=	80.08%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	78440	10.304	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.04%	
43) 1,2-Dichloroethane-d4	5.667	65	84570	10.301	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.01%	
60) Toluene-d8	7.636	98	274441	9.300	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	93.00%	
83) 4-Bromofluorobenzene	10.981	95	98475	9.900	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.00%	
Target Compounds						
						Qvalue
4) Vinyl chloride	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
15) Methylene chloride	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	4.716	96	1089	0.137	ug/L	86
32) Chloroform	4.972	83	90845	6.910	ug/L	97
34) Carbon tetrachloride	5.085	117	571		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.133	95	5605	0.695	ug/L	99
63) Tetrachloroethene	8.137	166	255190	28.953	ug/L	98

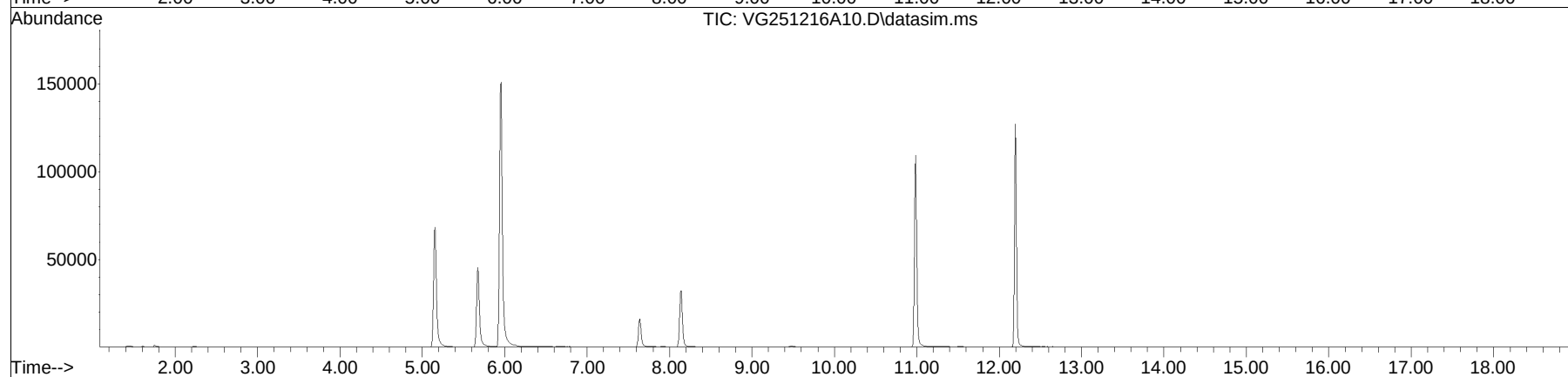
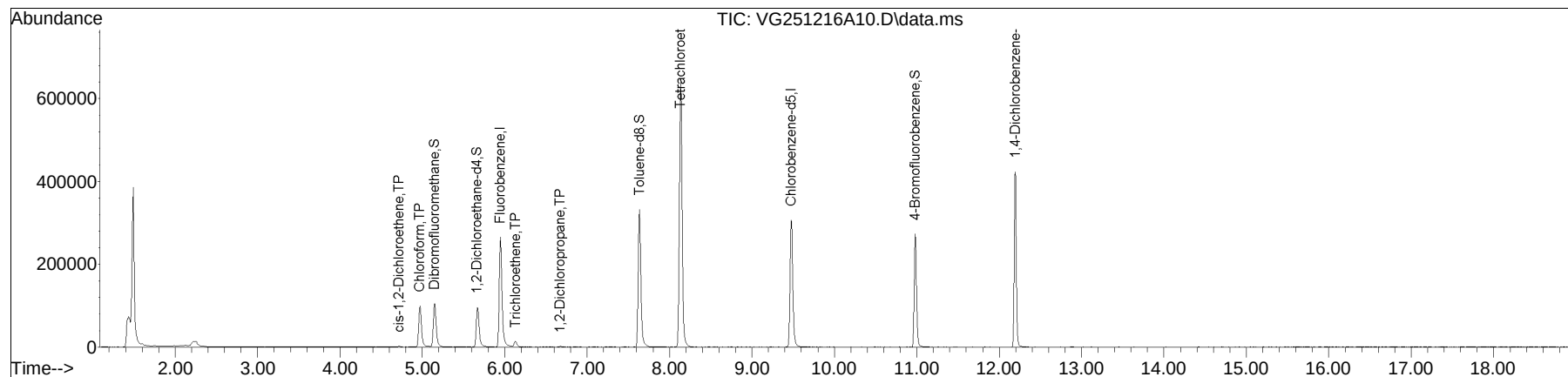
(#) = qualifier out of range (m) = manual integration (+) = signals summed

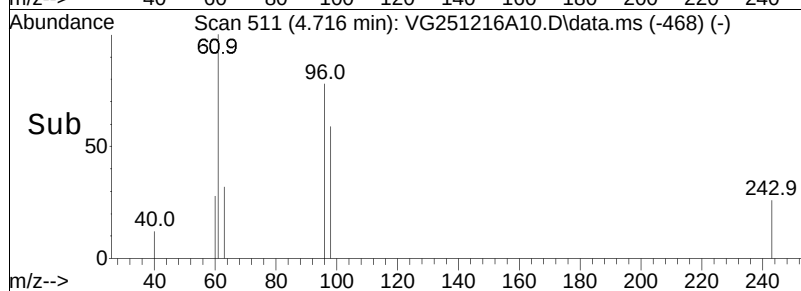
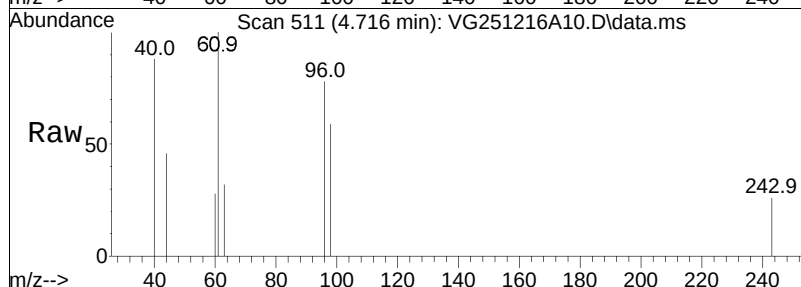
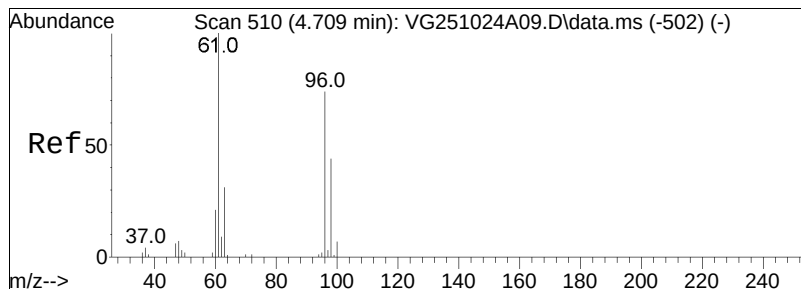
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A10.D
 Acq On : 16 Dec 2025 11:09 am
 Operator : GONZO:MJV
 Sample : l2578603-02,31,10,10,,a
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 17 10:40:00 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

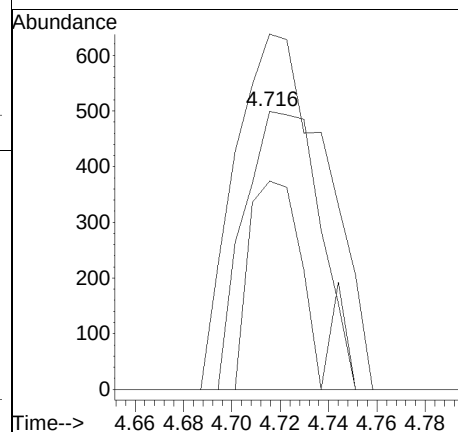
Sub List : 8260-NYTCL - Megamix plus Diox1216A04.D•

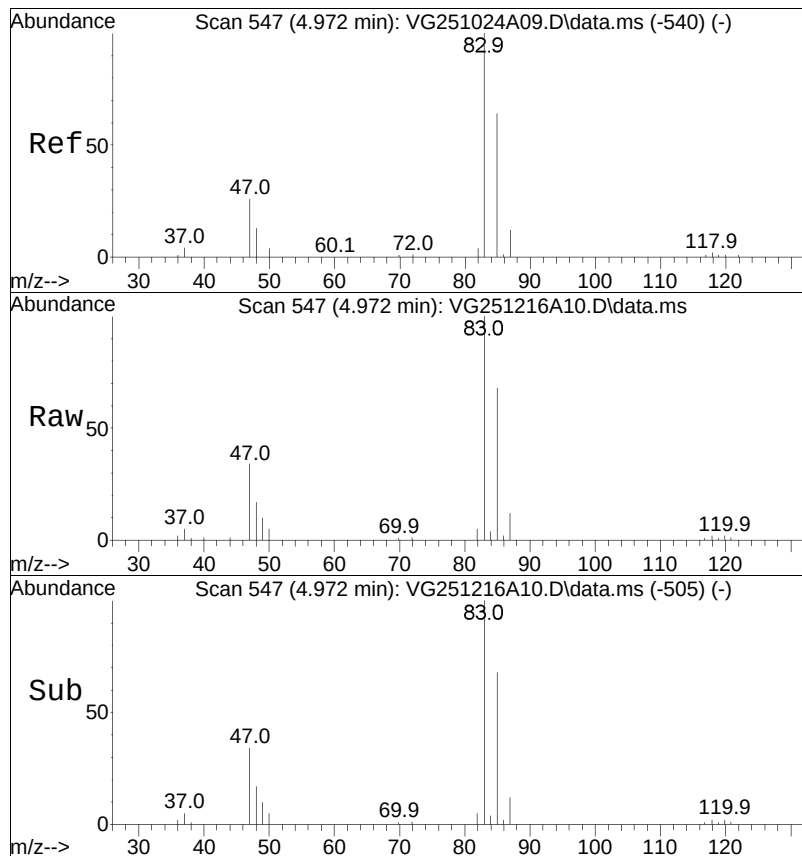




#28
 cis-1,2-Dichloroethene
 Concen: 0.14 ug/L
 RT: 4.716 min Scan# 511
 Delta R.T. 0.007 min
 Lab File: VG251216A10.D
 Acq: 16 Dec 2025 11:09 am

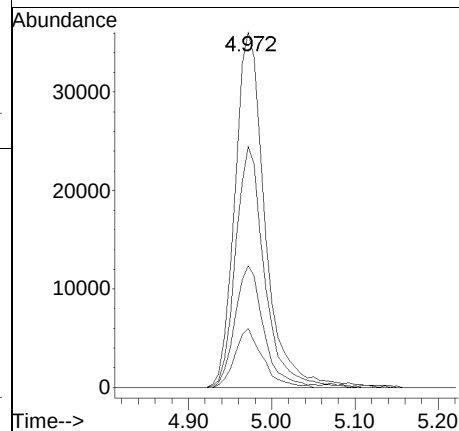
Tgt Ion: 96	Resp: 1089
Ion Ratio	Lower Upper
96 100	
61 153.7	104.9 157.3
98 58.0	48.6 72.8

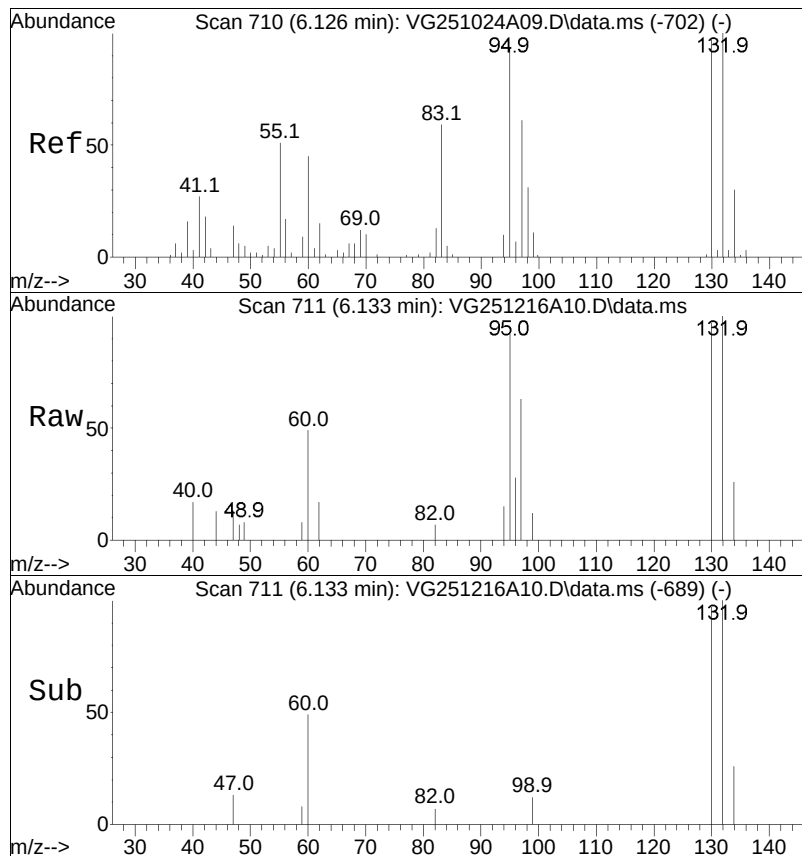




#32
 Chloroform
 Concen: 6.91 ug/L
 RT: 4.972 min Scan# 547
 Delta R.T. -0.000 min
 Lab File: VG251216A10.D
 Acq: 16 Dec 2025 11:09 am

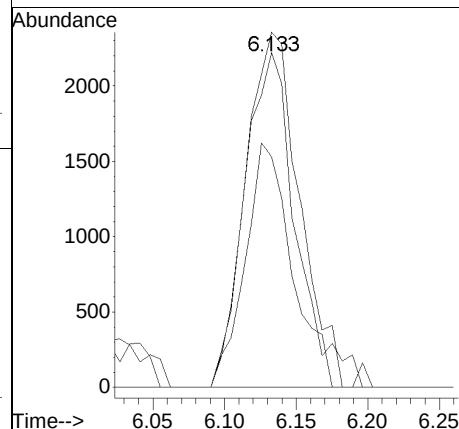
Tgt	Ion: 83	Resp:	90845
Ion	Ratio	Lower	Upper
83	100		
85	65.1	42.1	87.3
47	32.6	17.2	35.8
48	15.3	9.6	20.0

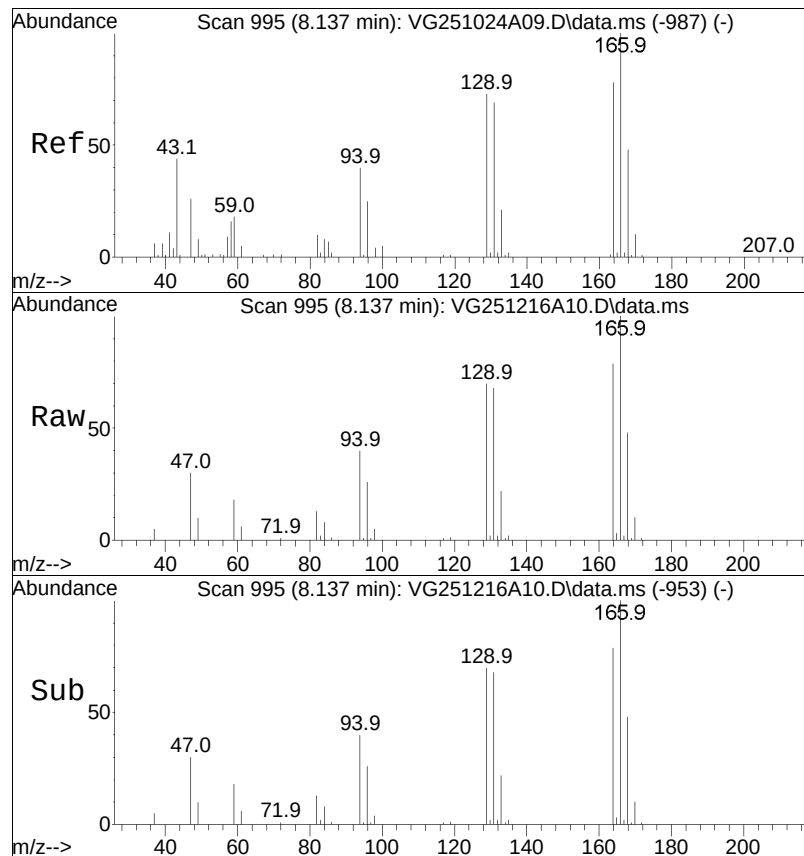




#48
 Trichloroethene
 Concen: 0.69 ug/L
 RT: 6.133 min Scan# 711
 Delta R.T. 0.007 min
 Lab File: VG251216A10.D
 Acq: 16 Dec 2025 11:09 am

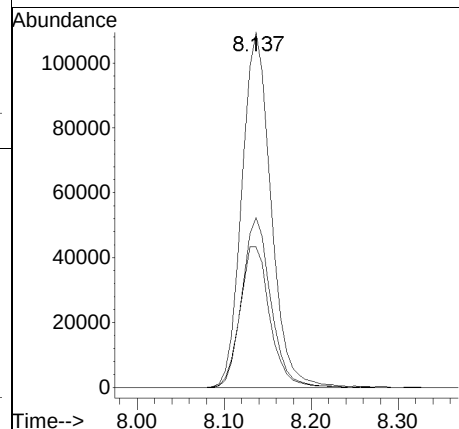
Tgt Ion:	95	Resp:	5605
Ion Ratio	Lower	Upper	
95	100		
97	65.6	54.1	81.1
130	110.1	87.6	131.4





#63
 Tetrachloroethene
 Concen: 28.95 ug/L
 RT: 8.137 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VG251216A10.D
 Acq: 16 Dec 2025 11:09 am

Tgt	Ion:166	Resp:	255190
Ion	Ratio	Lower	Upper
166	100		
168	47.2	26.8	66.8
94	40.8	18.2	58.2



Manual Integration Report

Data Path	: K:\Gonzo\2025\251216A\	QMethod	: G_251024A_8260.m
Data File	: VG251216A10.D	Operator	: GONZO:MJV
Date Inj'd	: 12/16/2025 11:09 am	Instrument	: Gonzo
Sample	: l2578603-02,31,10,10,,a	Quant Date	: 12/17/2025 6:45 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A11.D
 Acq On : 16 Dec 2025 11:35 am
 Operator : GONZO:MJV
 Sample : l2578603-03,31,10,10,,a
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 17 10:40:16 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251216A\VG251216A04.D
 Sub List : 8260-NYTCL - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.949	96	267438	10.000	ug/L	0.00
Standard Area 1 = 334860			Recovery	=	79.87%	
59) Chlorobenzene-d5	9.477	117	220466	10.000	ug/L	0.00
Standard Area 1 = 268101			Recovery	=	82.23%	
79) 1,4-Dichlorobenzene-d4	12.198	152	120866	10.000	ug/L	0.00
Standard Area 1 = 158798			Recovery	=	76.11%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.149	113	74612	10.570	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	105.70%	
43) 1,2-Dichloroethane-d4	5.667	65	80328	10.551	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	105.51%	
60) Toluene-d8	7.636	98	260551	9.189	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	91.89%	
83) 4-Bromofluorobenzene	10.981	95	91738	9.704	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.04%	
Target Compounds						
						Qvalue
4) Vinyl chloride	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
15) Methylene chloride	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	4.715	96	1692	0.229	ug/L #	67
32) Chloroform	4.971	83	56987	4.675	ug/L	95
34) Carbon tetrachloride	4.964	117	588		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.126	95	7184	0.960	ug/L	90
63) Tetrachloroethene	8.136	166	104763	12.371	ug/L	95

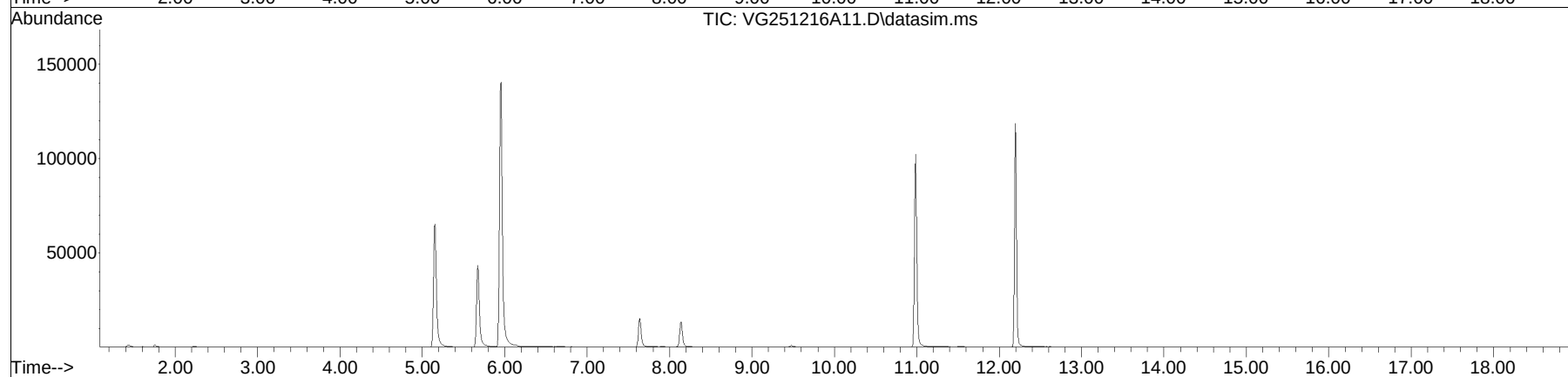
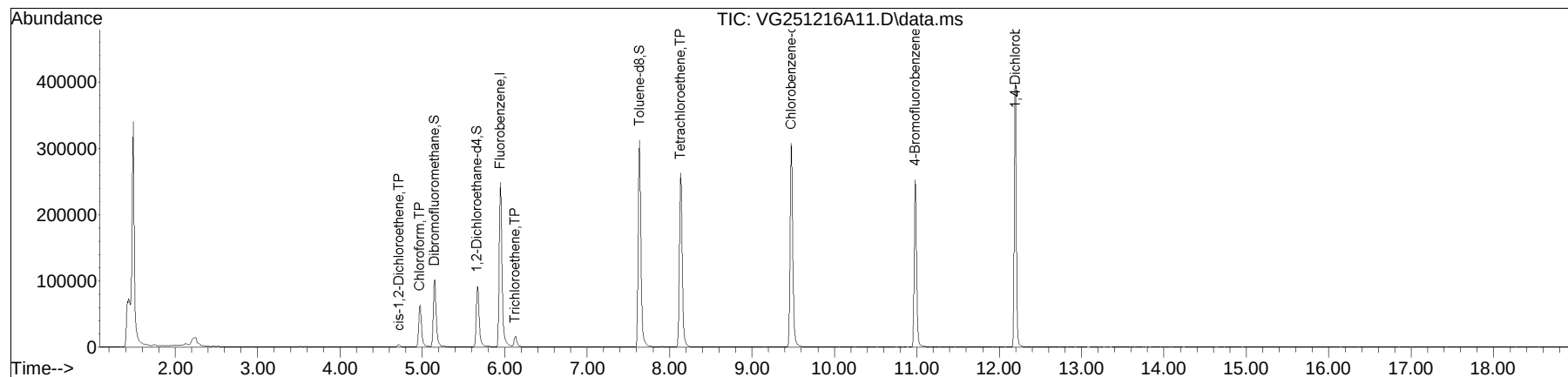
(#) = qualifier out of range (m) = manual integration (+) = signals summed

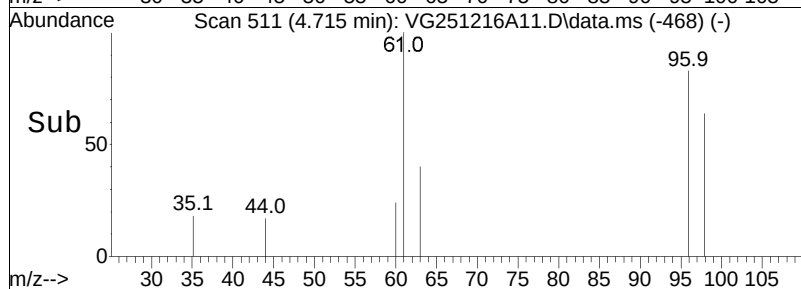
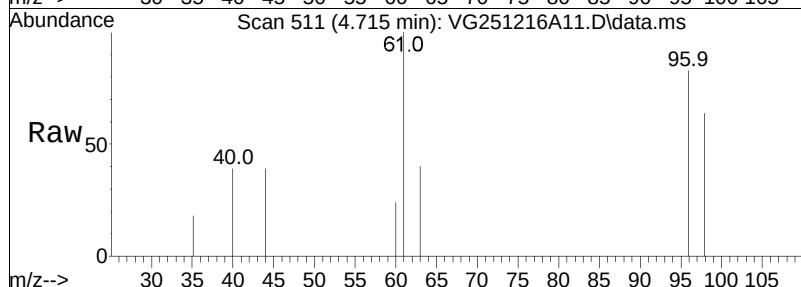
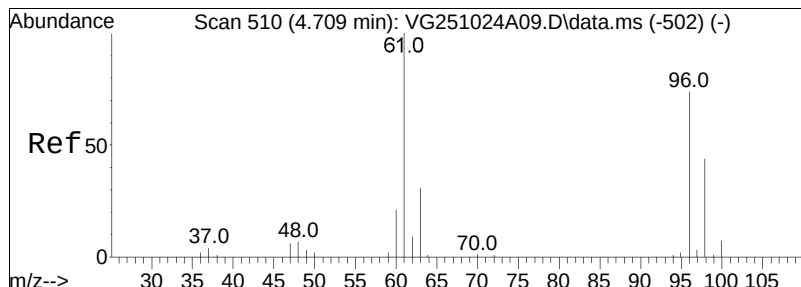
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A11.D
 Acq On : 16 Dec 2025 11:35 am
 Operator : GONZO:MJV
 Sample : l2578603-03,31,10,10,,a
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 17 10:40:16 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

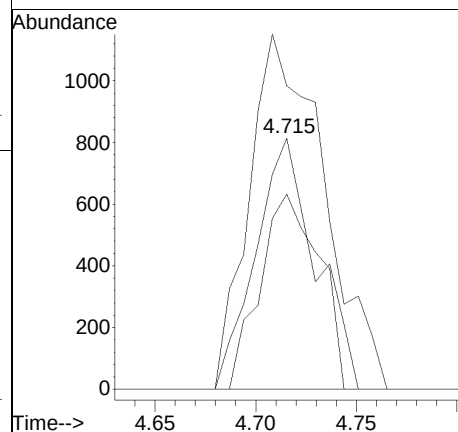
Sub List : 8260-NYTCL - Megamix plus Diox1216A04.D•

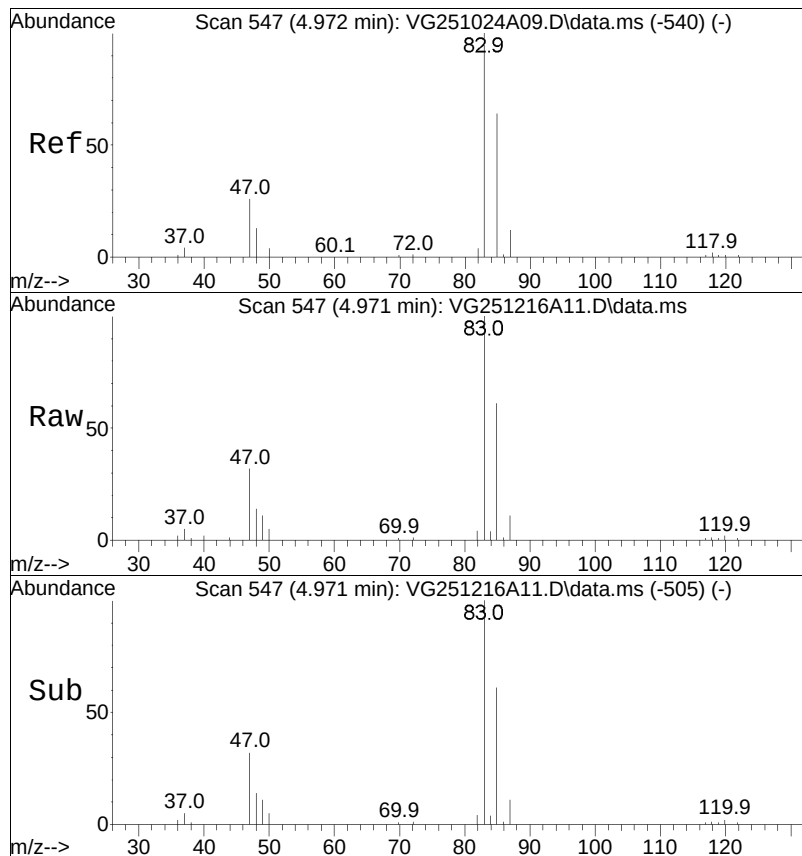




#28
 cis-1,2-Dichloroethene
 Concen: 0.23 ug/L
 RT: 4.715 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VG251216A11.D
 Acq: 16 Dec 2025 11:35 am

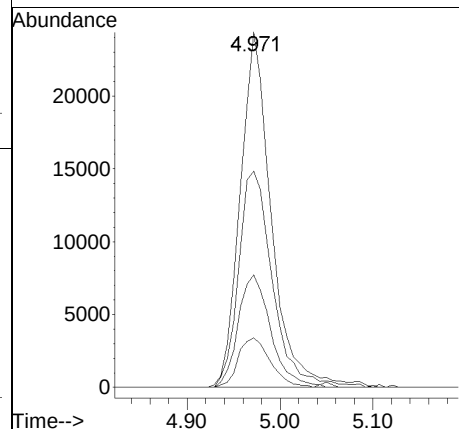
Tgt Ion: 96 Resp: 1692
 Ion Ratio Lower Upper
 96 100
 61 175.8 104.9 157.3#
 98 76.7 48.6 72.8#

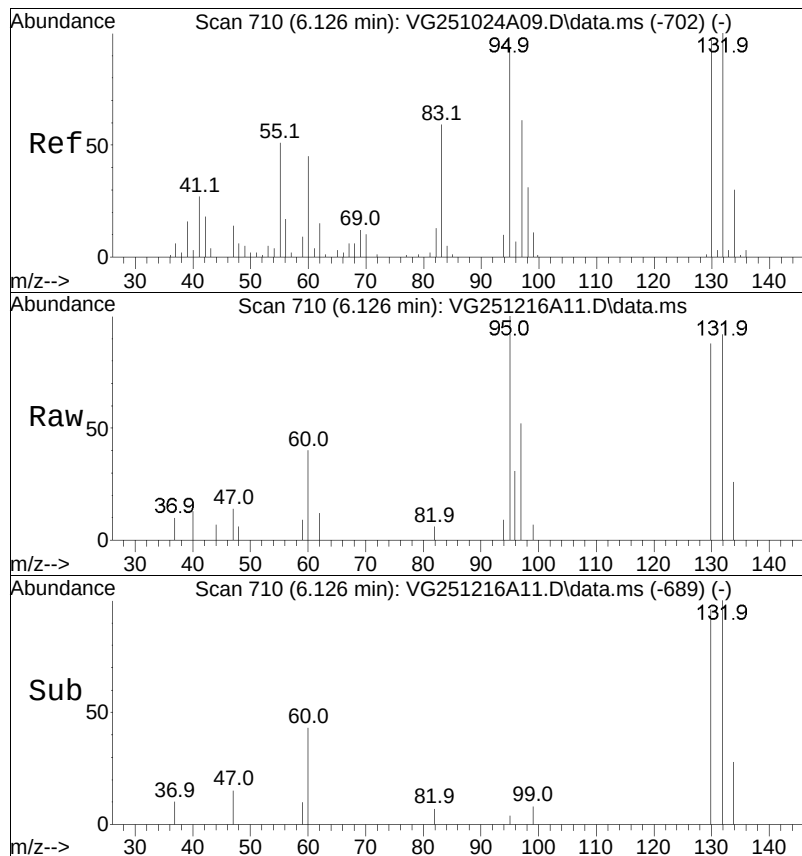




#32
 Chloroform
 Concen: 4.67 ug/L
 RT: 4.971 min Scan# 547
 Delta R.T. -0.001 min
 Lab File: VG251216A11.D
 Acq: 16 Dec 2025 11:35 am

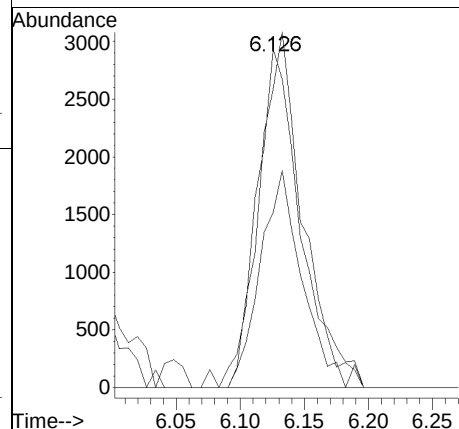
Tgt	Ion: 83	Resp:	56987
Ion	Ratio	Lower	Upper
83	100		
85	66.5	42.1	87.3
47	33.1	17.2	35.8
48	14.4	9.6	20.0

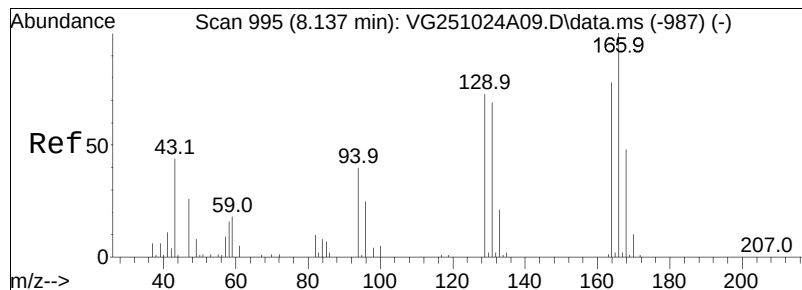




#48
 Trichloroethene
 Concen: 0.96 ug/L
 RT: 6.126 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VG251216A11.D
 Acq: 16 Dec 2025 11:35 am

Tgt Ion:	95	Resp:	7184
Ion Ratio	Lower	Upper	
95	100		
97	60.0	54.1	81.1
130	99.2	87.6	131.4





#63

Tetrachloroethene

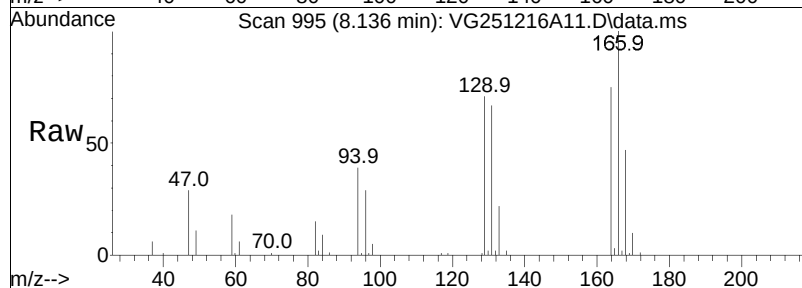
Concen: 12.37 ug/L

RT: 8.136 min Scan# 995

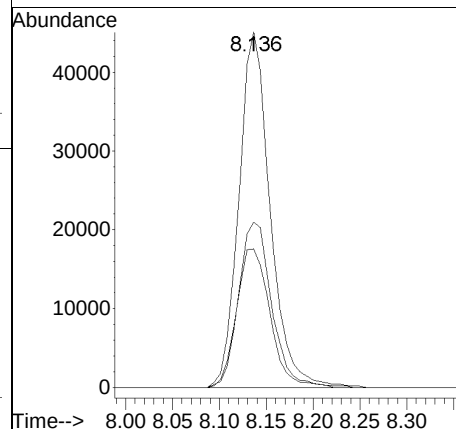
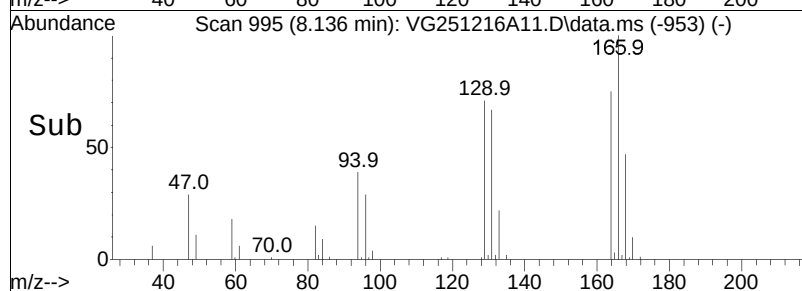
Delta R.T. -0.001 min

Lab File: VG251216A11.D

Acq: 16 Dec 2025 11:35 am



Tgt	Ion:166	Resp:	104763
Ion	Ratio	Lower	Upper
166	100		
168	49.3	26.8	66.8
94	41.7	18.2	58.2



Manual Integration Report

Data Path	: K:\Gonzo\2025\251216A\	QMethod	: G_251024A_8260.m
Data File	: VG251216A11.D	Operator	: GONZO:MJV
Date Inj'd	: 12/16/2025 11:35 am	Instrument	: Gonzo
Sample	: l2578603-03,31,10,10,,a	Quant Date	: 12/17/2025 6:45 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A12.D
 Acq On : 16 Dec 2025 12:02 pm
 Operator : GONZO:MJV
 Sample : l2578603-04,31,10,10,,a
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 17 10:40:35 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251216A\VG251216A04.D
 Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.950	96	273607	10.000	ug/L	0.00
Standard Area 1 = 334860			Recovery	=	81.71%	
59) Chlorobenzene-d5	9.477	117	216476	10.000	ug/L	0.00
Standard Area 1 = 268101			Recovery	=	80.74%	
79) 1,4-Dichlorobenzene-d4	12.198	152	119917	10.000	ug/L	0.00
Standard Area 1 = 158798			Recovery	=	75.52%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	75428	10.445	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	104.45%	
43) 1,2-Dichloroethane-d4	5.667	65	81417	10.453	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	104.53%	
60) Toluene-d8	7.636	98	260178	9.345	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	93.45%	
83) 4-Bromofluorobenzene	10.981	95	91203	9.723	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.23%	
Target Compounds						
4) Vinyl chloride	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	4.723	96	655	0.087	ug/L #	87
32) Chloroform	4.972	83	71936	5.768	ug/L	96
34) Carbon tetrachloride	0.000		0	N.D.	d	
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
48) Trichloroethene	6.133	95	4396	0.574	ug/L	87
63) Tetrachloroethene	8.137	166	314805	37.858	ug/L	97

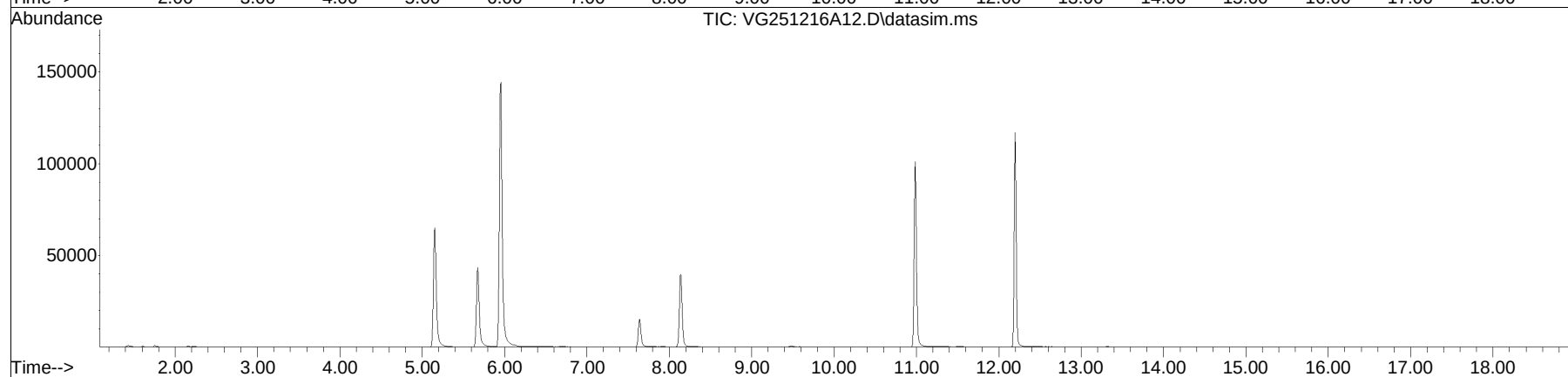
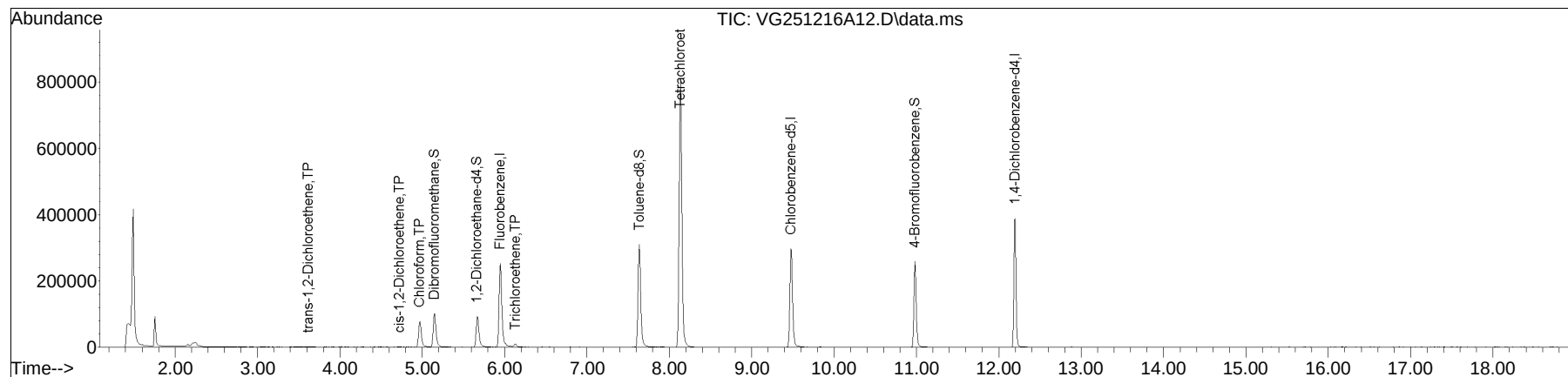
(#) = qualifier out of range (m) = manual integration (+) = signals summed

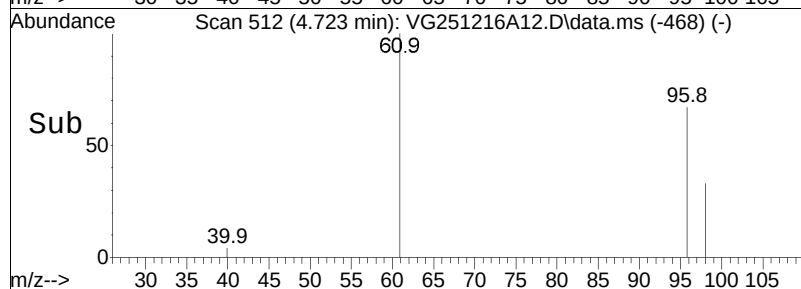
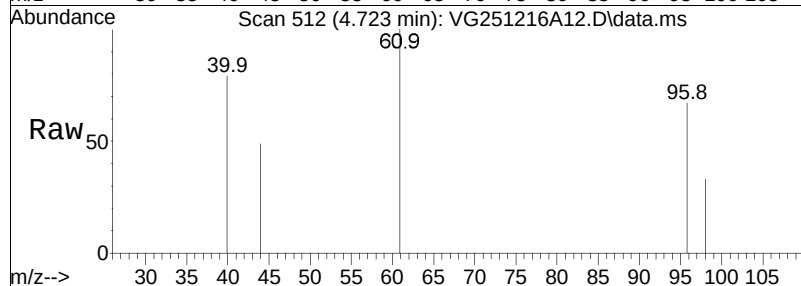
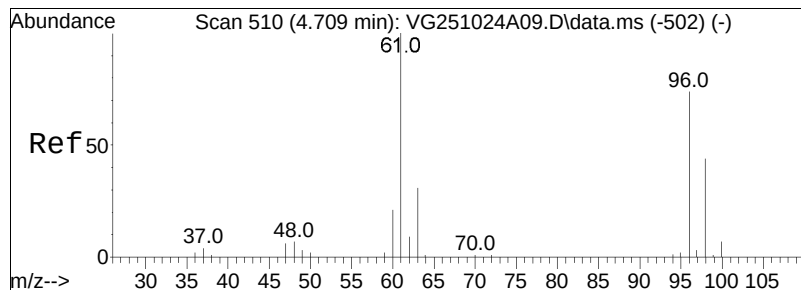
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A12.D
 Acq On : 16 Dec 2025 12:02 pm
 Operator : GONZO:MJV
 Sample : l2578603-04,31,10,10,,a
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 17 10:40:35 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox1216A04.D•





#28

cis-1,2-Dichloroethene

Concen: 0.09 ug/L

RT: 4.723 min Scan# 512

Delta R.T. 0.014 min

Lab File: VG251216A12.D

Acq: 16 Dec 2025 12:02 pm

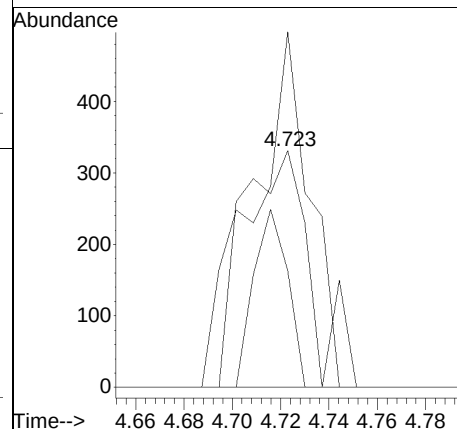
Tgt Ion: 96 Resp: 655

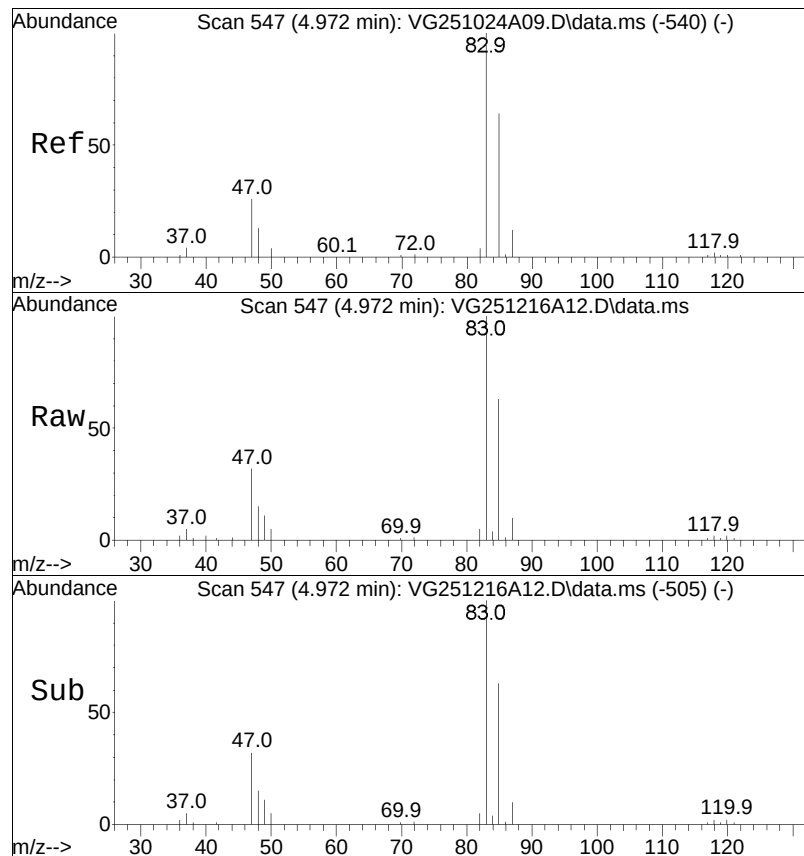
Ion Ratio Lower Upper

96 100

61 126.0 104.9 157.3

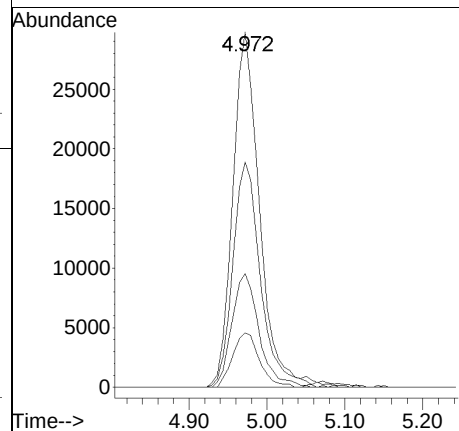
98 37.1 48.6 72.8#

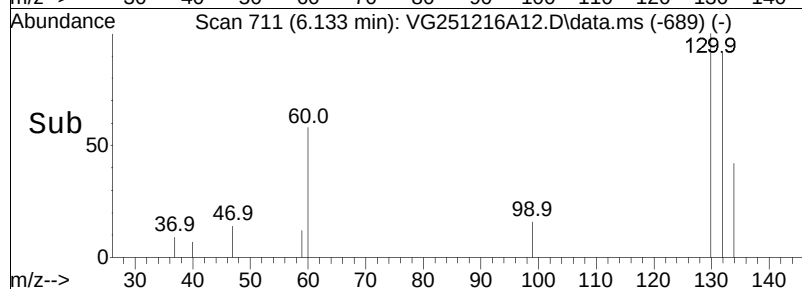
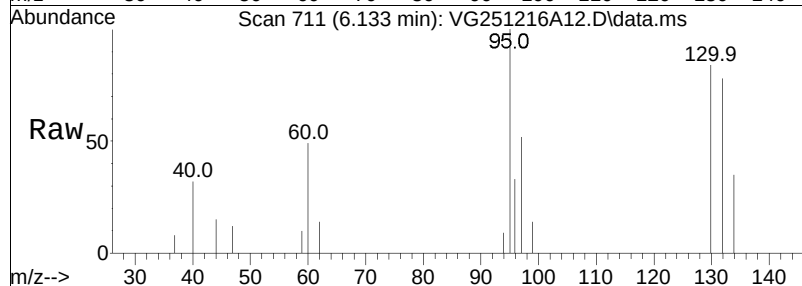
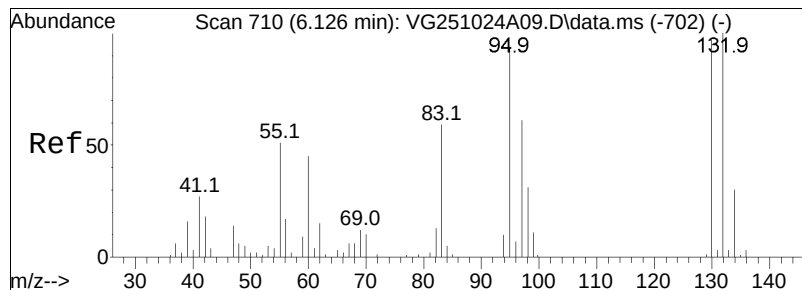




#32
 Chloroform
 Concen: 5.77 ug/L
 RT: 4.972 min Scan# 547
 Delta R.T. -0.000 min
 Lab File: VG251216A12.D
 Acq: 16 Dec 2025 12:02 pm

Tgt	Ion: 83	Resp:	71936
Ion	Ratio	Lower	Upper
83	100		
85	65.8	42.1	87.3
47	32.4	17.2	35.8
48	15.3	9.6	20.0





#48

Trichloroethene

Concen: 0.57 ug/L

RT: 6.133 min Scan# 711

Delta R.T. 0.007 min

Lab File: VG251216A12.D

Acq: 16 Dec 2025 12:02 pm

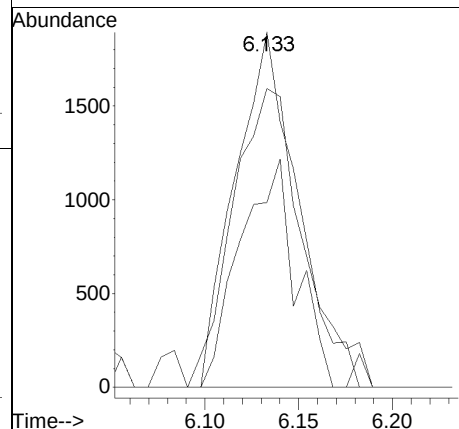
Tgt Ion: 95 Resp: 4396

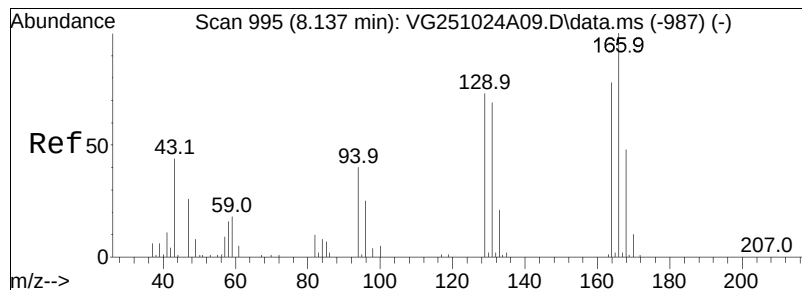
Ion Ratio Lower Upper

95 100

97 57.9 54.1 81.1

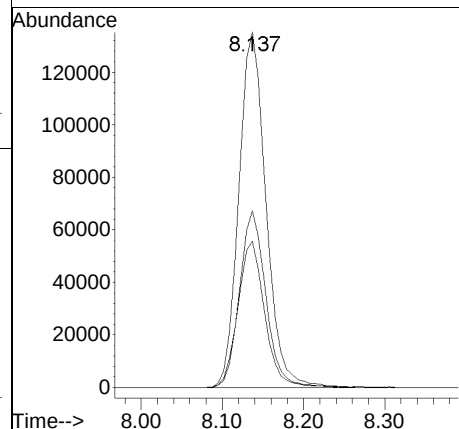
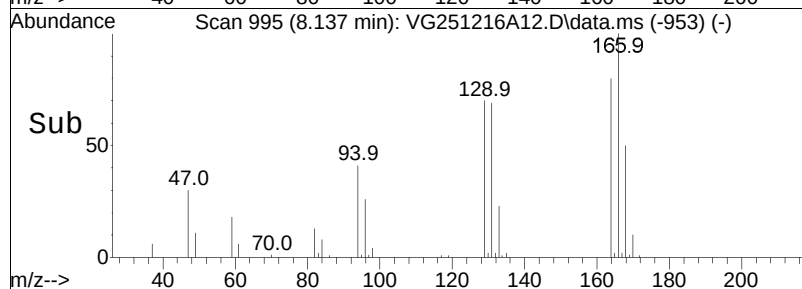
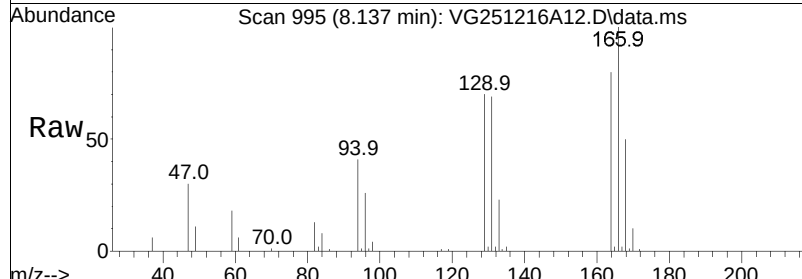
130 95.5 87.6 131.4





#63
Tetrachloroethene
Concen: 37.86 ug/L
RT: 8.137 min Scan# 995
Delta R.T. -0.000 min
Lab File: VG251216A12.D
Acq: 16 Dec 2025 12:02 pm

Tgt	Ion	Ratio	Resp	Lower	Upper
166	100		314805		
168	48.1	26.8	66.8		
94	40.4	18.2	58.2		



Manual Integration Report

Data Path	: K:\Gonzo\2025\251216A\	QMethod	: G_251024A_8260.m
Data File	: VG251216A12.D	Operator	: GONZO:MJV
Date Inj'd	: 12/16/2025 12:02 pm	Instrument	: Gonzo
Sample	: l2578603-04,31,10,10,,a	Quant Date	: 12/17/2025 6:45 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A13.D
 Acq On : 16 Dec 2025 12:28 pm
 Operator : GONZO:MJV
 Sample : l2578603-05,31,10,10,,a
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 17 10:40:52 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251216A\VG251216A04.D
 Sub List : 8260-NYTCL - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.950	96	277327	10.000	ug/L	0.00
Standard Area 1 = 334860			Recovery	=	82.82%	
59) Chlorobenzene-d5	9.478	117	222618	10.000	ug/L	0.00
Standard Area 1 = 268101			Recovery	=	83.04%	
79) 1,4-Dichlorobenzene-d4	12.198	152	118922	10.000	ug/L	0.00
Standard Area 1 = 158798			Recovery	=	74.89%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	74017	10.112	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.12%	
43) 1,2-Dichloroethane-d4	5.667	65	81662	10.344	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.44%	
60) Toluene-d8	7.636	98	261337	9.128	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	91.28%	
83) 4-Bromofluorobenzene	10.981	95	90988	9.782	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.82%	
Target Compounds						
						Qvalue
4) Vinyl chloride	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
15) Methylene chloride	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	4.716	96	1184	0.155	ug/L #	80
32) Chloroform	4.972	83	26979	2.134	ug/L	97
34) Carbon tetrachloride	5.093	117	76		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.126	95	5033	0.649	ug/L	99
63) Tetrachloroethene	8.137	166	400702	46.858	ug/L	98

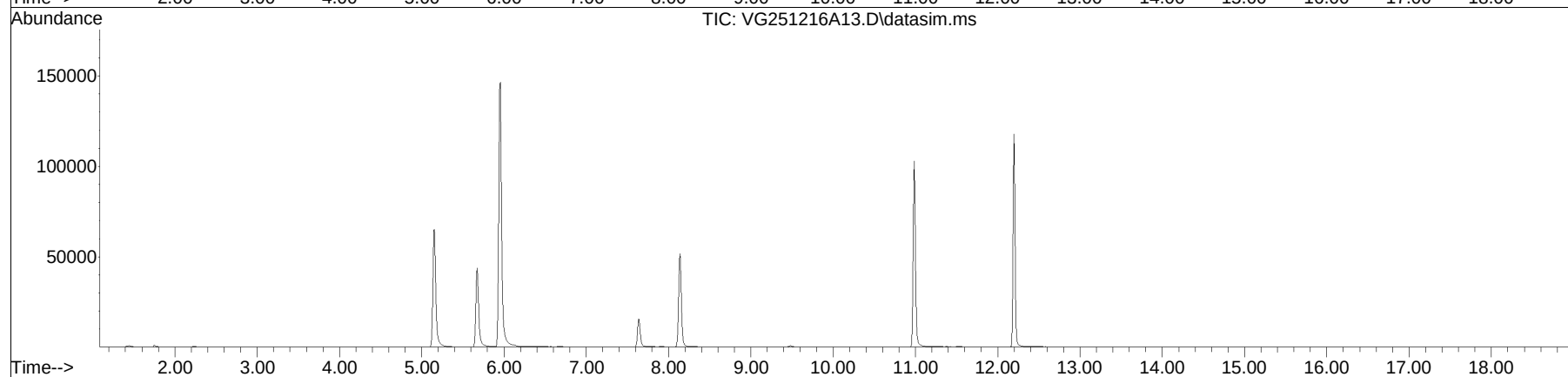
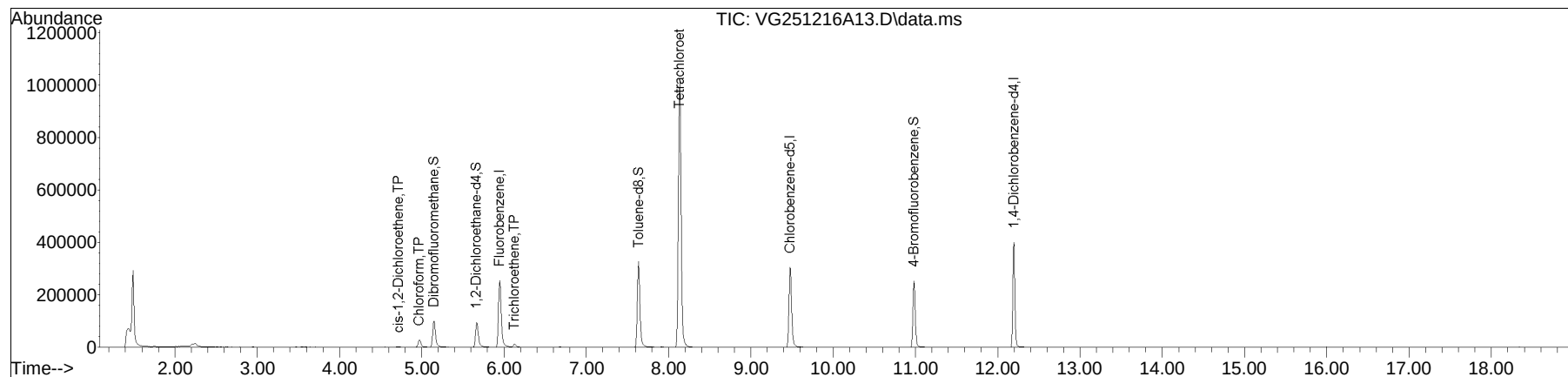
(#) = qualifier out of range (m) = manual integration (+) = signals summed

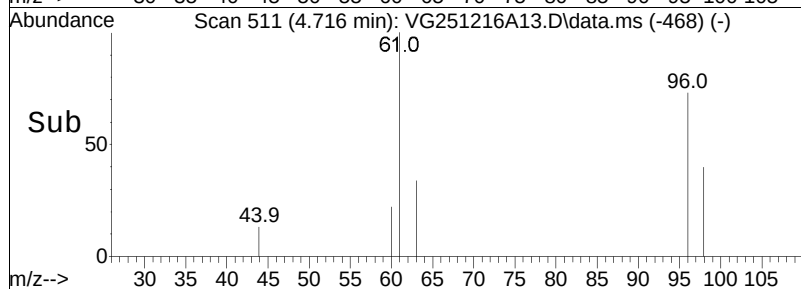
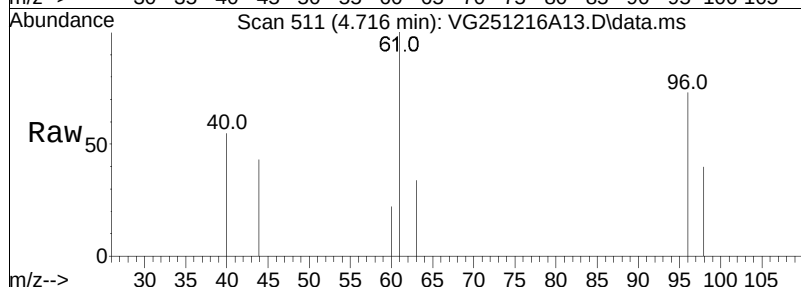
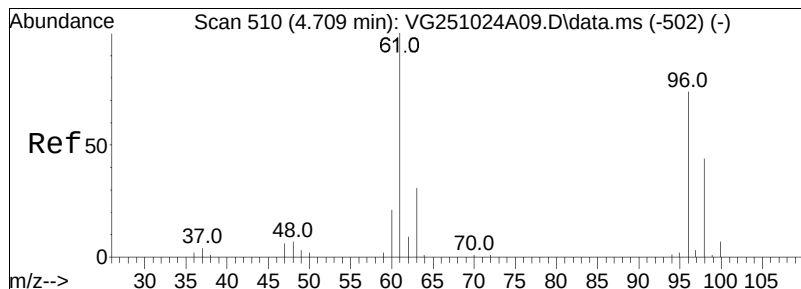
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A13.D
 Acq On : 16 Dec 2025 12:28 pm
 Operator : GONZO:MJV
 Sample : l2578603-05,31,10,10,,a
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 17 10:40:52 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

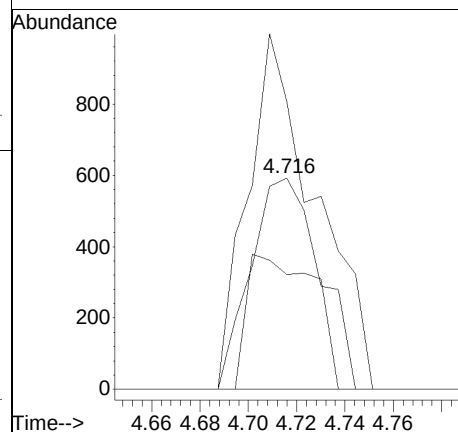
Sub List : 8260-NYTCL - Megamix plus Diox1216A04.D•

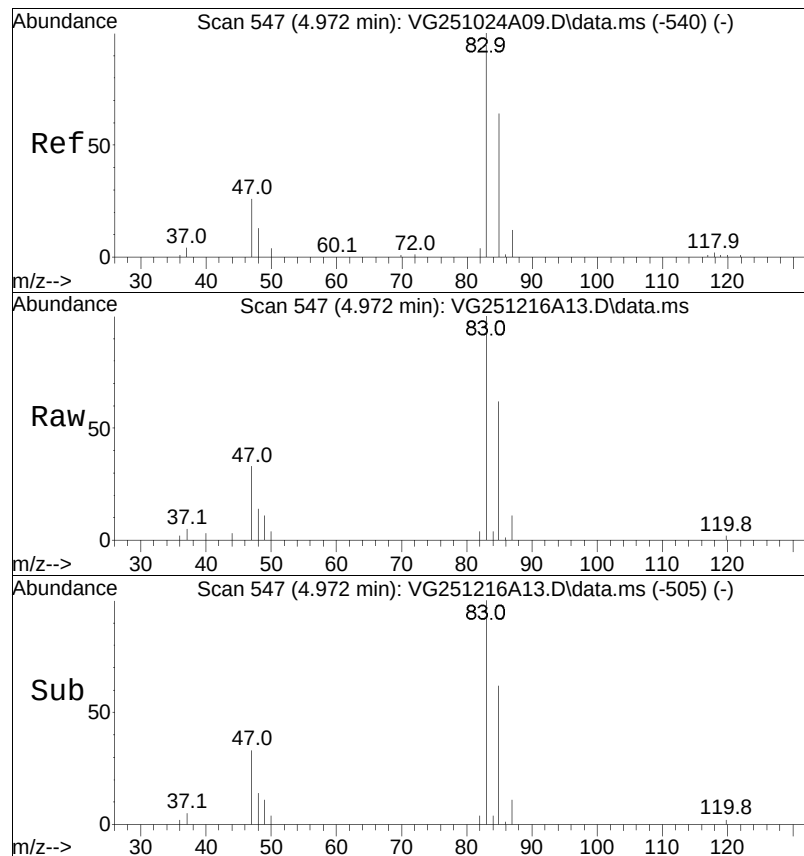




#28
 cis-1,2-Dichloroethene
 Concen: 0.15 ug/L
 RT: 4.716 min Scan# 511
 Delta R.T. 0.007 min
 Lab File: VG251216A13.D
 Acq: 16 Dec 2025 12:28 pm

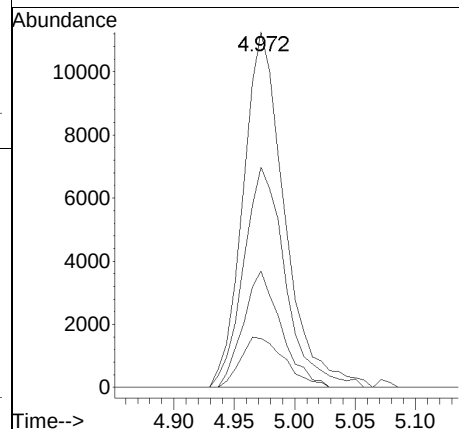
Tgt Ion: 96 Resp: 1184
 Ion Ratio Lower Upper
 96 100
 61 165.3 104.9 157.3#
 98 61.2 48.6 72.8

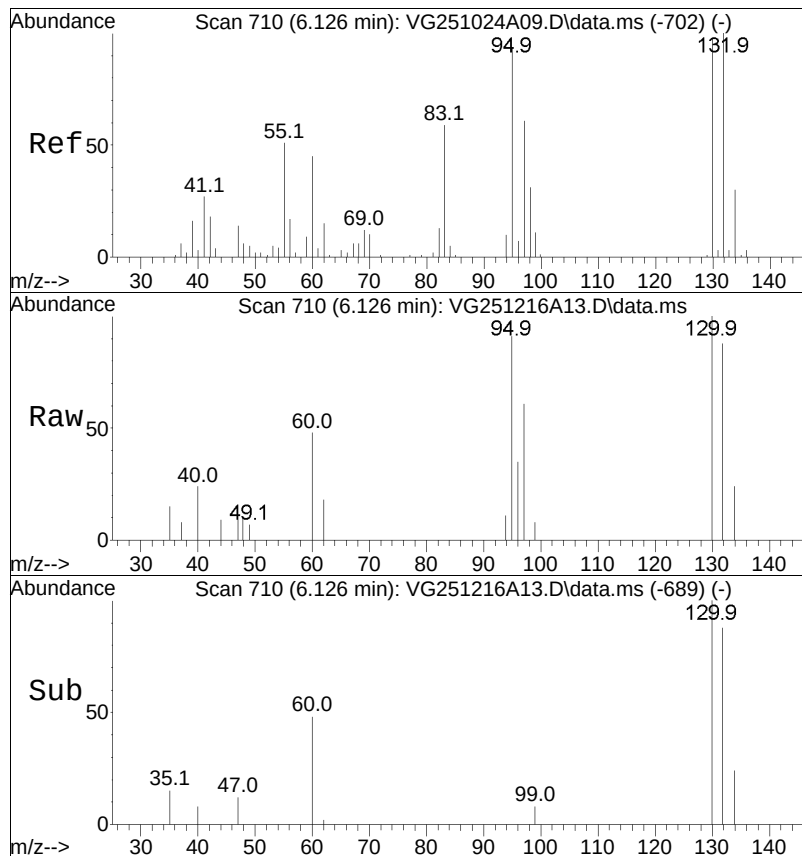




#32
 Chloroform
 Concen: 2.13 ug/L
 RT: 4.972 min Scan# 547
 Delta R.T. -0.000 min
 Lab File: VG251216A13.D
 Acq: 16 Dec 2025 12:28 pm

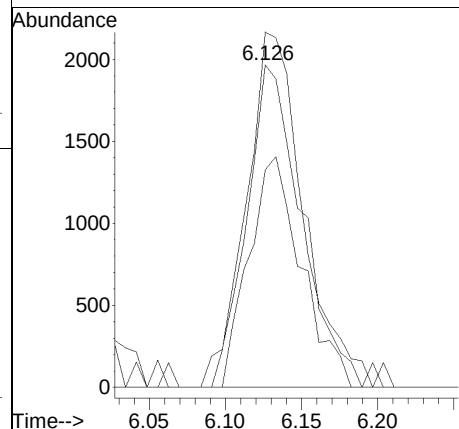
Tgt	Ion: 83	Resp:	26979
Ion	Ratio	Lower	Upper
83	100		
85	63.1	42.1	87.3
47	30.0	17.2	35.8
48	14.9	9.6	20.0

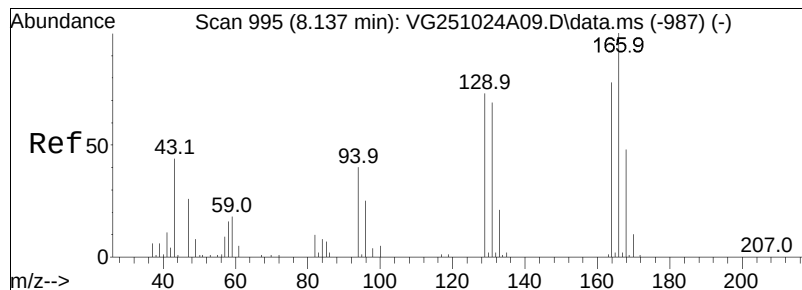




#48
 Trichloroethene
 Concen: 0.65 ug/L
 RT: 6.126 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VG251216A13.D
 Acq: 16 Dec 2025 12:28 pm

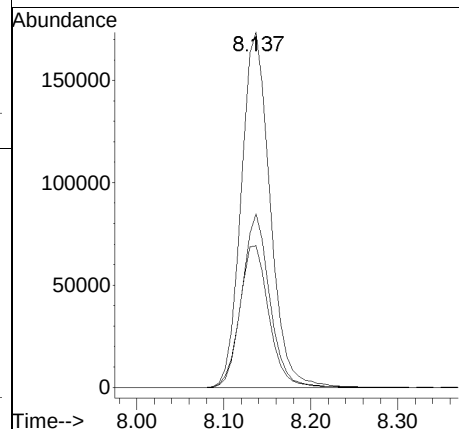
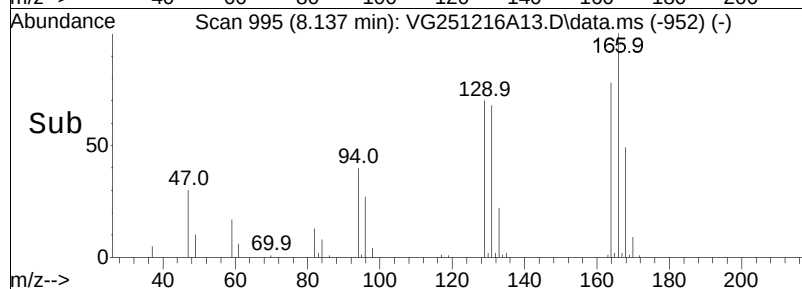
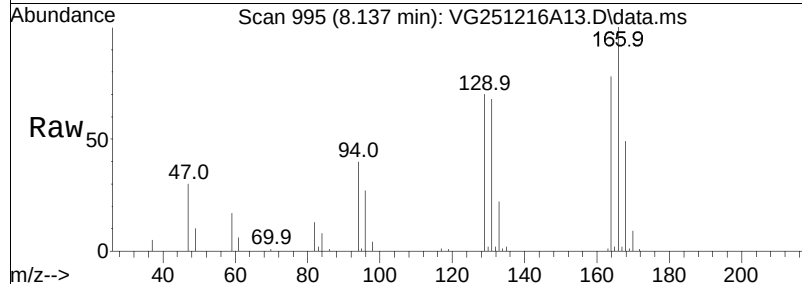
Tgt Ion:	95	Resp:	5033
Ion Ratio	Lower	Upper	
95	100		
97	67.5	54.1	81.1
130	110.7	87.6	131.4





#63
Tetrachloroethene
Concen: 46.86 ug/L
RT: 8.137 min Scan# 995
Delta R.T. -0.000 min
Lab File: VG251216A13.D
Acq: 16 Dec 2025 12:28 pm

Tgt	Ion:166	Resp:	400702
Ion	Ratio	Lower	Upper
166	100		
168	47.1	26.8	66.8
94	40.6	18.2	58.2



Manual Integration Report

Data Path	: K:\Gonzo\2025\251216A\	QMethod	: G_251024A_8260.m
Data File	: VG251216A13.D	Operator	: GONZO:MJV
Date Inj'd	: 12/16/2025 12:28 pm	Instrument	: Gonzo
Sample	: l2578603-05,31,10,10,,a	Quant Date	: 12/17/2025 6:45 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A14.D
 Acq On : 16 Dec 2025 12:55 pm
 Operator : GONZO:MJV
 Sample : l2578603-06,31,10,10,,a
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 17 10:41:00 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251216A\VG251216A04.D
 Sub List : 8260-NYTCL - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.950	96	266152	10.000	ug/L	0.00
Standard Area 1 = 334860			Recovery	=	79.48%	
59) Chlorobenzene-d5	9.477	117	215518	10.000	ug/L	0.00
Standard Area 1 = 268101			Recovery	=	80.39%	
79) 1,4-Dichlorobenzene-d4	12.198	152	118091	10.000	ug/L	0.00
Standard Area 1 = 158798			Recovery	=	74.37%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	74260	10.571	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	105.71%	
43) 1,2-Dichloroethane-d4	5.667	65	81222	10.720	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	107.20%	
60) Toluene-d8	7.636	98	258689	9.333	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	93.33%	
83) 4-Bromofluorobenzene	10.981	95	90008	9.744	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.44%	
Target Compounds						Qvalue
4) Vinyl chloride	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
15) Methylene chloride	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D.	
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.069	95	158		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	

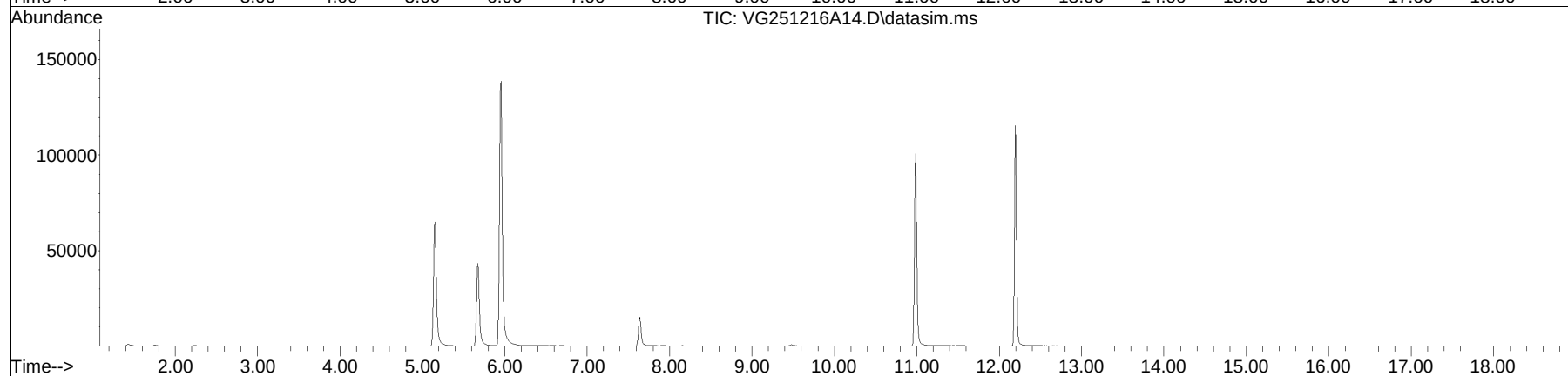
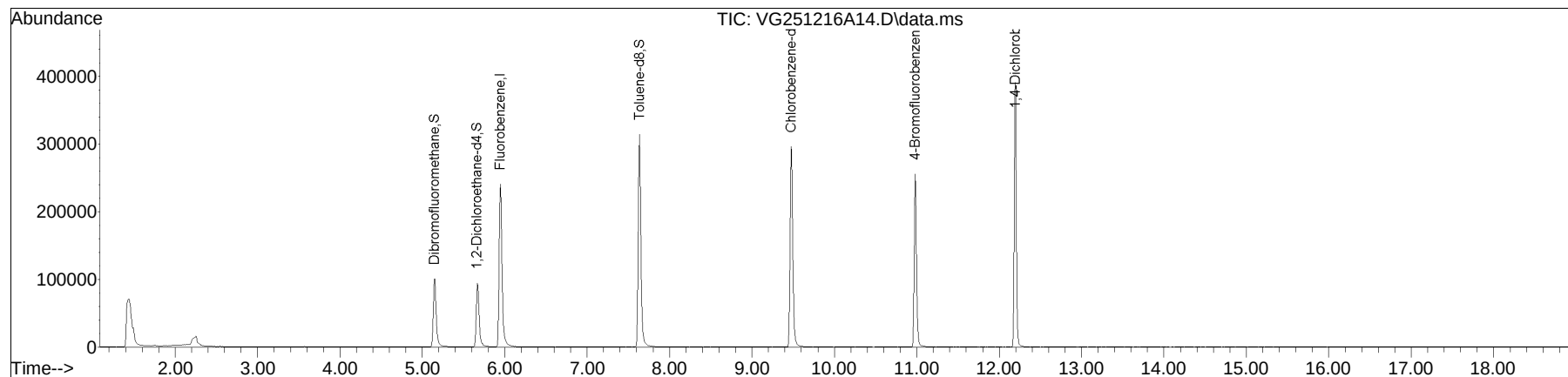
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A14.D
 Acq On : 16 Dec 2025 12:55 pm
 Operator : GONZO:MJV
 Sample : l2578603-06,31,10,10,,a
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 17 10:41:00 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox1216A04.D•



Manual Integration Report

Data Path	: K:\Gonzo\2025\251216A\	QMethod	: G_251024A_8260.m
Data File	: VG251216A14.D	Operator	: GONZO:MJV
Date Inj'd	: 12/16/2025 12:55 pm	Instrument	: Gonzo
Sample	: l2578603-06,31,10,10,,a	Quant Date	: 12/17/2025 6:45 am

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

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary

Form 6

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : GONZO
 Calibration dates : 10/24/25 13:08 10/24/25 17:34

Lab Number : L2578603
 Project Number : 0210873-001-001-07
 Ical Ref : ICAL22763

Calibration Files

L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D
 L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.199	0.265	0.231	0.278	0.252	0.270	0.264	0.251	11.00
3) TP Chloromethane		0.359	0.380	0.360	0.350	0.336	0.343	0.341	0.352	4.26
4) TP Vinyl chloride	0.252	0.276	0.326	0.305	0.325	0.305	0.317	0.314	0.303	8.49
5) TP Bromomethane		0.239	0.232	0.222	0.204	0.195	0.209	0.212	0.216	7.18
6) TP Chloroethane		0.203	0.217	0.209	0.182	0.151		0.192		13.85
7) TP Trichlorofluor		0.304	0.365	0.336	0.390	0.365	0.393	0.303	0.351	10.66
8) TP Ethyl ether		0.098	0.105	0.115	0.122	0.124	0.126	0.125	0.116	9.30
10) TP 1,1-Dichloroet		0.185	0.217	0.205	0.229	0.222	0.235	0.236	0.219	8.44
11) TP Carbon disulfide		0.652	0.739	0.704	0.733	0.720	0.750	0.753	0.722	4.87
12) TP Freon-113		0.180	0.233	0.196	0.247	0.221	0.240	0.240	0.222	11.38
13) TP Iodomethane			0.137	0.156	0.238	0.288	0.280	0.266	*L	0.9956
14) TP Acrolein			0.021	0.025	0.027	0.029	0.030	0.030	0.027	13.17
15) TP Methylene chlo		0.287	0.266	0.262	0.253	0.254	0.256	0.253	0.262	4.68
17) TP Acetone			0.040	0.044	0.049	0.053	0.055	0.055	0.049	12.75
18) TP trans-1,2-Dich		0.228	0.249	0.251	0.254	0.250	0.258	0.257	0.250	4.11
19) TP Methyl acetate			0.097	0.107	0.115	0.122	0.126	0.125	0.115	9.85
20) TP Methyl tert butyl ether		0.403	0.498	0.553	0.586	0.615	0.632	0.627	0.559	14.96
21) TP tert-Butyl alc		0.010	0.011	0.013	0.014	0.015	0.016	0.016	0.014	18.77
22) TP Diisopropyl ether		0.687	0.784	0.902	0.957	0.982	0.996	0.985	0.899	13.25
23) TP 1,1-Dichloroet		0.468	0.515	0.521	0.510	0.505	0.513	0.492	0.504	3.59
24) TP Halothane		0.177	0.202	0.190	0.209	0.200	0.209	0.208	0.199	5.96
25) TP Acrylonitrile			0.052	0.057	0.062	0.065	0.066	0.066	0.061	9.16
26) TP Ethyl tert-but		0.490	0.589	0.695	0.766	0.804	0.823	0.831	0.714	18.28
27) TP Vinyl acetate			0.459	0.508	0.569	0.541	0.558	0.539	0.529	7.58
28) TP cis-1,2-Dichlo		0.234	0.275	0.288	0.280	0.283	0.286	0.287	0.276	6.95
29) TP 2,2-Dichloropr		0.307	0.341	0.350	0.366	0.344	0.358	0.351	0.345	5.50
30) TP Bromochloromet		0.119	0.130	0.131	0.123	0.115	0.116	0.115	0.121	5.73
31) TP Cyclohexane			0.429	0.423	0.537	0.487	0.537	0.540	0.492	11.17
32) TP Chloroform		0.454	0.463	0.448	0.454	0.451	0.458	0.462	0.456	1.27
33) TP Ethyl acetate			0.157	0.171	0.187	0.193	0.197	0.193	0.183	8.71
34) TP Carbon tetrachloride	0.309	0.315	0.358	0.351	0.385	0.364	0.386	0.385	0.357	8.59
35) TP Tetrahydrofuran			0.057	0.056	0.059	0.059	0.059	0.056	0.058	2.50
36) S Dibromofluoromethane	0.267	0.281	0.271	0.259	0.261	0.257	0.255	0.260	0.264	3.29
37) TP 1,1,1-Trichlor		0.335	0.392	0.381	0.408	0.389	0.411	0.412	0.390	6.91
39) TP 2-Butanone			0.058	0.073	0.077	0.084	0.085	0.083	0.076	13.48



Initial Calibration Summary

Form 6

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : GONZO
 Calibration dates : 10/24/25 13:08 10/24/25 17:34

Lab Number : L2578603
 Project Number : 0210873-001-001-07
 Ical Ref : ICAL22763

Calibration Files

L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D
 L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP 1,1-Dichloropr		0.231	0.293	0.306	0.341	0.327	0.345	0.346	0.313	13.18
41) TP Benzene	0.884	0.827	0.959	1.026	1.045	1.034	1.061	1.062	0.987	9.00
42) TP Tertiary-Amyl Methyl Ether		0.399	0.437	0.544	0.598	0.629	0.647	0.654	0.558	18.46
43) S 1,2-Dichloroethane-d4	0.285	0.292	0.296	0.294	0.272	0.272	0.278	0.287	0.285	3.37
44) TP 1,2-Dichloroethane	0.319	0.313	0.319	0.321	0.323	0.321	0.323	0.323	0.320	1.02
47) TP Methyl cyclohe			0.372	0.374	0.490	0.444	0.495	0.506	0.447	13.68
48) TP Trichloroethene	0.313	0.231	0.281	0.276	0.282	0.275	0.288	0.293	0.280	8.36
50) TP Dibromomethane		0.124	0.124	0.131	0.134	0.136	0.138	0.135	0.132	4.37
51) TP 1,2-Dichloropr		0.256	0.282	0.286	0.288	0.289	0.291	0.290	0.283	4.35
53) TP 2-Chloroethyl			0.061	0.060	0.074	0.056	0.057	0.051	0.060	12.63
54) TP Bromodichlorom		0.303	0.330	0.347	0.350	0.356	0.363	0.364	0.345	6.25
57) TP 1,4-Dioxane		0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001#	17.98
58) TP cis-1,3-Dichloropropene	0.293	0.302	0.357	0.387	0.411	0.418	0.422	0.422	0.376	14.21
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.302	1.258	1.284	1.289	1.294	1.288	1.277	1.297	1.286	1.07
61) TP Toluene		0.756	0.799	0.837	0.848	0.851	0.869	0.891	0.836	5.41
62) TP 4-Methyl-2-pen			0.052	0.067	0.078	0.085	0.087	0.088	0.076	18.62
63) TP Tetrachloroethene	0.333	0.310	0.385	0.386	0.413	0.396	0.420	0.431	0.384	11.05
65) TP trans-1,3-Dichloropropene	0.292	0.305	0.365	0.406	0.434	0.443	0.447	0.454	0.393	16.50
67) TP Ethyl methacry			0.210	0.257	0.295	0.317	0.322	0.330	0.289	16.16
68) TP 1,1,2-Trichlor		0.175	0.200	0.201	0.206	0.213	0.213	0.216	0.203	6.92
69) TP Chlorodibromom		0.284	0.293	0.318	0.333	0.350	0.356	0.363	0.328	9.46
70) TP 1,3-Dichloropr		0.341	0.384	0.412	0.419	0.429	0.430	0.432	0.407	8.20
71) TP 1,2-Dibromoethane		0.216	0.218	0.232	0.245	0.250	0.252	0.252	0.238	6.64
72) TP 2-Hexanone			0.083	0.126	0.143	0.157	0.159	0.158	*L	0.9994
73) TP Chlorobenzene		0.843	0.955	1.000	1.002	1.002	1.013	1.031	0.978	6.52
74) TP Ethylbenzene		1.181	1.495	1.633	1.695	1.680	1.752	1.807	1.606	13.18
75) TP 1,1,1,2-Tetrac		0.293	0.330	0.353	0.368	0.375	0.382	0.390	0.356	9.55
76) TP p/m Xylene		0.454	0.574	0.652	0.669	0.670	0.704	0.721	0.635	14.57
77) TP o Xylene		0.455	0.559	0.643	0.656	0.662	0.685	0.697	0.623	13.89
78) TP Styrene		0.676	0.899	1.071	1.110	1.140	1.186		1.014	18.97
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) TP Bromoform		0.282	0.296	0.329	0.307	0.371	0.380	0.379	0.335	12.41
82) TP Isopropylbenzene		1.998	2.480	2.690	2.508	2.837	3.013		2.588	13.60
83) S 4-Bromofluorobenzene	0.817	0.813	0.824	0.780	0.676	0.791	0.781	0.776	0.782	5.97
84) TP Bromobenzene		0.672	0.711	0.731	0.623	0.718	0.739	0.722	0.702	5.84



Initial Calibration Summary

Form 6

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : GONZO
 Calibration dates : 10/24/25 13:08 10/24/25 17:34

Lab Number : L2578603
 Project Number : 0210873-001-001-07
 Ical Ref : ICAL22763

Calibration Files

L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D
 L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP n-Propylbenzene	2.468	3.161	3.253	2.981	3.304	3.525			3.115	11.67
86) TP 1,4-Dichlorobu	0.702	0.770	0.790	0.700	0.823	0.839	0.823	0.778		7.38
87) TP 1,1,2,2-Tetrachloroethane	0.422	0.462	0.479	0.475	0.465	0.481	0.494	0.483	0.470	4.68
88) TP 4-Ethyltoluene	1.926	2.521	2.710	2.735	2.759	2.939			2.598	13.67
89) TP 2-Chlorotoluene	1.605	1.940	1.991	1.921	1.948	2.062	2.023	1.927		7.82
90) TP 1,3,5-Trimethy	1.666	2.144	2.315	2.394	2.371	2.531	2.505	2.275		13.07
91) TP 1,2,3-Trichlor	0.399	0.392	0.366	0.382	0.395	0.402	0.398	0.391		3.22
92) TP trans-1,4-Dich	0.108	0.128	0.136	0.141	0.151	0.154	0.152	0.138		11.99
93) TP 4-Chlorotoluene	1.617	1.820	2.001	2.064	2.048	2.131	2.123	1.972		9.54
94) TP tert-Butylbenzene	1.338	1.835	1.957	2.150	2.029	2.184	2.162	1.951		15.29
97) TP 1,2,4-Trimethy	1.390	1.823	2.166	2.282	2.298	2.440	2.411	2.116		17.98
98) TP sec-Butylbenzene	1.861	2.608	2.886	3.153	3.009	3.260			2.796	18.28
99) TP p-Isopropyltol	1.458	2.136	2.466	2.701	2.598	2.800			*L	0.9986
100) TP 1,3-Dichlorobe	1.150	1.343	1.417	1.432	1.433	1.477	1.484	1.391		8.33
101) TP 1,4-Dichlorobe	1.236	1.385	1.403	1.408	1.423	1.466	1.472	1.399		5.63
102) TP p-Diethylbenzene		1.140	1.372	1.527	1.491	1.622	1.636	1.464		12.69
103) TP n-Butylbenzene	1.107	1.714	1.930	2.119	2.080	2.295	2.223	*L		0.9986
104) TP 1,2-Dichlorobe	1.028	1.181	1.270	1.278	1.273	1.316	1.304	1.236		8.18
105) TP 1,2,4,5-Tetram		1.099	1.350	1.592	1.719	1.910	1.967	*L		0.9957
106) TP 1,2-Dibromo-3-	0.049	0.062	0.070	0.065	0.081	0.083	0.081	0.070		17.66
107) TP 1,3,5-Trichlor	0.588	0.704	0.782	0.732	0.821	0.851	0.827	0.758		12.08
108) TP Hexachlorobuta	0.256	0.322	0.308	0.304	0.329	0.353	0.343	0.316		10.11
109) TP 1,2,4-Trichlor	0.372	0.442	0.517	0.506	0.599	0.619	0.600	0.522		17.58
110) TP Naphthalene	0.425	0.488	0.653	0.711	0.925	0.993			*Q	0.9991
111) TP 1,2,3-Trichlor	0.256	0.297	0.361	0.353	0.434	0.435	0.401	0.362#		18.68



Response Factor Report Gonzo

Method Path : K:\Gonzo\2025\251024AICAL\
 Method File : G_251024A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sun Oct 26 12:35:39 2025
 Response Via : Initial Calibration

Calibration Files

L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D
 L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

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

1) I	Fluorobenzene	-----ISTD-----									
2) TP	Dichlorodifluo...	0.199	0.265	0.231	0.278	0.252	0.270	0.264	0.251	11.00	
3) TP	Chloromethane	0.359	0.380	0.360	0.350	0.336	0.343	0.341	0.352	4.26	
4) TP	Vinyl chloride	0.252	0.276	0.326	0.305	0.325	0.305	0.317	0.314	0.303	8.49
5) TP	Bromomethane	0.239	0.232	0.222	0.204	0.195	0.209	0.212	0.216	7.18	
6) TP	Chloroethane	0.203	0.217	0.209	0.182	0.151			0.192	13.85	
7) TP	Trichlorofluor...	0.304	0.365	0.336	0.390	0.365	0.393	0.303	0.351	10.66	
8) TP	Ethyl ether	0.098	0.105	0.115	0.122	0.124	0.126	0.125	0.116	9.30	
10) TP	1,1-Dichloroet...	0.185	0.217	0.205	0.229	0.222	0.235	0.236	0.219	8.44	
11) TP	Carbon disulfide	0.652	0.739	0.704	0.733	0.720	0.750	0.753	0.722	4.87	
12) TP	Freon-113	0.180	0.233	0.196	0.247	0.221	0.240	0.240	0.222	11.38	
13) TP	Iodomethane		0.137	0.156	0.238	0.288	0.280	0.266	*L	0.9956	
14) TP	Acrolein		0.021	0.025	0.027	0.029	0.030	0.030	0.027	13.17	
15) TP	Methylene chlo...	0.287	0.266	0.262	0.253	0.254	0.256	0.253	0.262	4.68	
17) TP	Acetone		0.040	0.044	0.049	0.053	0.055	0.055	0.049	12.75	
18) TP	trans-1,2-Dich...	0.228	0.249	0.251	0.254	0.250	0.258	0.257	0.250	4.11	
19) TP	Methyl acetate		0.097	0.107	0.115	0.122	0.126	0.125	0.115	9.85	
20) TP	Methyl tert-bu...	0.403	0.498	0.553	0.586	0.615	0.632	0.627	0.559	14.96	
21) TP	tert-Butyl alc...	0.010	0.011	0.013	0.014	0.015	0.016	0.016	0.014	18.77	
22) TP	Diisopropyl ether	0.687	0.784	0.902	0.957	0.982	0.996	0.985	0.899	13.25	
23) TP	1,1-Dichloroet...	0.468	0.515	0.521	0.510	0.505	0.513	0.492	0.504	3.59	
24) TP	Halothane	0.177	0.202	0.190	0.209	0.200	0.209	0.208	0.199	5.96	
25) TP	Acrylonitrile		0.052	0.057	0.062	0.065	0.066	0.066	0.061	9.16	
26) TP	Ethyl tert-but...	0.490	0.589	0.695	0.766	0.804	0.823	0.831	0.714	18.28	
27) TP	Vinyl acetate		0.459	0.508	0.569	0.541	0.558	0.539	0.529	7.58	
28) TP	cis-1,2-Dichlo...	0.234	0.275	0.288	0.280	0.283	0.286	0.287	0.276	6.95	
29) TP	2,2-Dichloropr...	0.307	0.341	0.350	0.366	0.344	0.358	0.351	0.345	5.50	
30) TP	Bromochloromet...	0.119	0.130	0.131	0.123	0.115	0.116	0.115	0.121	5.73	
31) TP	Cyclohexane		0.429	0.423	0.537	0.487	0.537	0.540	0.492	11.17	
32) TP	Chloroform	0.454	0.463	0.448	0.454	0.451	0.458	0.462	0.456	1.27	
33) TP	Ethyl acetate		0.157	0.171	0.187	0.193	0.197	0.193	0.183	8.71	

Response Factor Report Gonzo

Method Path : K:\Gonzo\2025\251024AICAL\
 Method File : G_251024A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sun Oct 26 12:35:39 2025
 Response Via : Initial Calibration

Calibration Files

L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D
 L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
34)	TP Carbon tetrach...	0.309	0.315	0.358	0.351	0.385	0.364	0.386	0.385	0.357	8.59
35)	TP Tetrahydrofuran			0.057	0.056	0.059	0.059	0.059	0.056	0.058	2.50
36)	S Dibromofluorom...	0.267	0.281	0.271	0.259	0.261	0.257	0.255	0.260	0.264	3.29
37)	TP 1,1,1-Trichlor...		0.335	0.392	0.381	0.408	0.389	0.411	0.412	0.390	6.91
39)	TP 2-Butanone			0.058	0.073	0.077	0.084	0.085	0.083	0.076	13.48
40)	TP 1,1-Dichloropr...		0.231	0.293	0.306	0.341	0.327	0.345	0.346	0.313	13.18
41)	TP Benzene	0.884	0.827	0.959	1.026	1.045	1.034	1.061	1.062	0.987	9.00
42)	TP tert-Amyl meth...		0.399	0.437	0.544	0.598	0.629	0.647	0.654	0.558	18.46
43)	S 1,2-Dichloroet...	0.285	0.292	0.296	0.294	0.272	0.272	0.278	0.287	0.285	3.37
44)	TP 1,2-Dichloroet...	0.319	0.313	0.319	0.321	0.323	0.321	0.323	0.323	0.320	1.02
47)	TP Methyl cyclohe...			0.372	0.374	0.490	0.444	0.495	0.506	0.447	13.68
48)	TP Trichloroethene	0.313	0.231	0.281	0.276	0.282	0.275	0.288	0.293	0.280	8.36
50)	TP Dibromomethane		0.124	0.124	0.131	0.134	0.136	0.138	0.135	0.132	4.37
51)	TP 1,2-Dichloropr...		0.256	0.282	0.286	0.288	0.289	0.291	0.290	0.283	4.35
53)	TP 2-Chloroethyl ...			0.061	0.060	0.074	0.056	0.057	0.051	0.060	12.63
54)	TP Bromodichlorom...		0.303	0.330	0.347	0.350	0.356	0.363	0.364	0.345	6.25
57)	TP 1,4-Dioxane		0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001#	17.98
58)	TP cis-1,3-Dichlo...	0.293	0.302	0.357	0.387	0.411	0.418	0.422	0.422	0.376	14.21
59)	I Chlorobenzene-d5	-----ISTD-----									
60)	S Toluene-d8	1.302	1.258	1.284	1.289	1.294	1.288	1.277	1.297	1.286	1.07
61)	TP Toluene		0.756	0.799	0.837	0.848	0.851	0.869	0.891	0.836	5.41
62)	TP 4-Methyl-2-pen...			0.052	0.067	0.078	0.085	0.087	0.088	0.076	18.62
63)	TP Tetrachloroethene	0.333	0.310	0.385	0.386	0.413	0.396	0.420	0.431	0.384	11.05
65)	TP trans-1,3-Dich...	0.292	0.305	0.365	0.406	0.434	0.443	0.447	0.454	0.393	16.50
67)	TP Ethyl methacry...			0.210	0.257	0.295	0.317	0.322	0.330	0.289	16.16
68)	TP 1,1,2-Trichlor...		0.175	0.200	0.201	0.206	0.213	0.213	0.216	0.203	6.92
69)	TP Chlorodibromom...		0.284	0.293	0.318	0.333	0.350	0.356	0.363	0.328	9.46
70)	TP 1,3-Dichloropr...		0.341	0.384	0.412	0.419	0.429	0.430	0.432	0.407	8.20
71)	TP 1,2-Dibromoethane		0.216	0.218	0.232	0.245	0.250	0.252	0.252	0.238	6.64
72)	TP 2-Hexanone			0.083	0.126	0.143	0.157	0.159	0.158	*L	0.9994
73)	TP Chlorobenzene		0.843	0.955	1.000	1.002	1.002	1.013	1.031	0.978	6.52

Response Factor Report Gonzo

Method Path : K:\Gonzo\2025\251024AICAL\
Method File : G_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Sun Oct 26 12:35:39 2025
Response Via : Initial Calibration

Calibration Files

L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D
L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

Compound			L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
74)	TP	Ethylbenzene	1.181	1.495	1.633	1.695	1.680	1.752	1.807	1.606	13.18	
75)	TP	1,1,1,2-Tetrac...	0.293	0.330	0.353	0.368	0.375	0.382	0.390	0.356	9.55	
76)	TP	p/m Xylene	0.454	0.574	0.652	0.669	0.670	0.704	0.721	0.635	14.57	
77)	TP	o Xylene	0.455	0.559	0.643	0.656	0.662	0.685	0.697	0.623	13.89	
78)	TP	Styrene	0.676	0.899	1.071	1.110	1.140	1.186		1.014	18.97	
79)	I	1,4-Dichlorobenzene-d4	-----ISTD-----									
80)	TP	Bromoform	0.282	0.296	0.329	0.307	0.371	0.380	0.379	0.335	12.41	
82)	TP	Isopropylbenzene	1.998	2.480	2.690	2.508	2.837	3.013		2.588	13.60	
83)	S	4-Bromofluorob...	0.817	0.813	0.824	0.780	0.676	0.791	0.781	0.776	5.97	
84)	TP	Bromobenzene	0.672	0.711	0.731	0.623	0.718	0.739	0.722	0.702	5.84	
85)	TP	n-Propylbenzene	2.468	3.161	3.253	2.981	3.304	3.525		3.115	11.67	
86)	TP	1,4-Dichlorobu...	0.702	0.770	0.790	0.700	0.823	0.839	0.823	0.778	7.38	
87)	TP	1,1,2,2-Tetrac...	0.422	0.462	0.479	0.475	0.465	0.481	0.494	0.483	4.68	
88)	TP	4-Ethyltoluene	1.926	2.521	2.710	2.735	2.759	2.939		2.598	13.67	
89)	TP	2-Chlorotoluene	1.605	1.940	1.991	1.921	1.948	2.062	2.023	1.927	7.82	
90)	TP	1,3,5-Trimethy...	1.666	2.144	2.315	2.394	2.371	2.531	2.505	2.275	13.07	
91)	TP	1,2,3-Trichlor...	0.399	0.392	0.366	0.382	0.395	0.402	0.398	0.391	3.22	
92)	TP	trans-1,4-Dich...	0.108	0.128	0.136	0.141	0.151	0.154	0.152	0.138	11.99	
93)	TP	4-Chlorotoluene	1.617	1.820	2.001	2.064	2.048	2.131	2.123	1.972	9.54	
94)	TP	tert-Butylbenzene	1.338	1.835	1.957	2.150	2.029	2.184	2.162	1.951	15.29	
97)	TP	1,2,4-Trimethy...	1.390	1.823	2.166	2.282	2.298	2.440	2.411	2.116	17.98	
98)	TP	sec-Butylbenzene	1.861	2.608	2.886	3.153	3.009	3.260		2.796	18.28	
99)	TP	p-Isopropyltol...	1.458	2.136	2.466	2.701	2.598	2.800		*L	0.9986	
100)	TP	1,3-Dichlorobe...	1.150	1.343	1.417	1.432	1.433	1.477	1.484	1.391	8.33	
101)	TP	1,4-Dichlorobe...	1.236	1.385	1.403	1.408	1.423	1.466	1.472	1.399	5.63	
102)	TP	p-Diethylbenzene		1.140	1.372	1.527	1.491	1.622	1.636	1.464	12.69	
103)	TP	n-Butylbenzene	1.107	1.714	1.930	2.119	2.080	2.295	2.223	*L	0.9986	
104)	TP	1,2-Dichlorobe...	1.028	1.181	1.270	1.278	1.273	1.316	1.304	1.236	8.18	
105)	TP	1,2,4,5-Tetram...		1.099	1.350	1.592	1.719	1.910	1.967	*L	0.9957	
106)	TP	1,2-Dibromo-3-...	0.049	0.062	0.070	0.065	0.081	0.083	0.081	0.070	17.66	
107)	TP	1,3,5-Trichlor...	0.588	0.704	0.782	0.732	0.821	0.851	0.827	0.758	12.08	

Response Factor Report Gonzo

Method Path : K:\Gonzo\2025\251024AICAL\
 Method File : G_251024A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sun Oct 26 12:35:39 2025
 Response Via : Initial Calibration

Calibration Files

L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D
 L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

Compound		L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
108)	TP Hexachlorobuta...	0.256	0.322	0.308	0.304	0.329	0.353	0.343	0.316	10.11	
109)	TP 1,2,4-Trichlor...	0.372	0.442	0.517	0.506	0.599	0.619	0.600	0.522	17.58	
110)	TP Naphthalene	0.425	0.488	0.653	0.711	0.925	0.993		*Q	0.9991	
111)	TP 1,2,3-Trichlor...	0.256	0.297	0.361	0.353	0.434	0.435	0.401	0.362#	18.68	

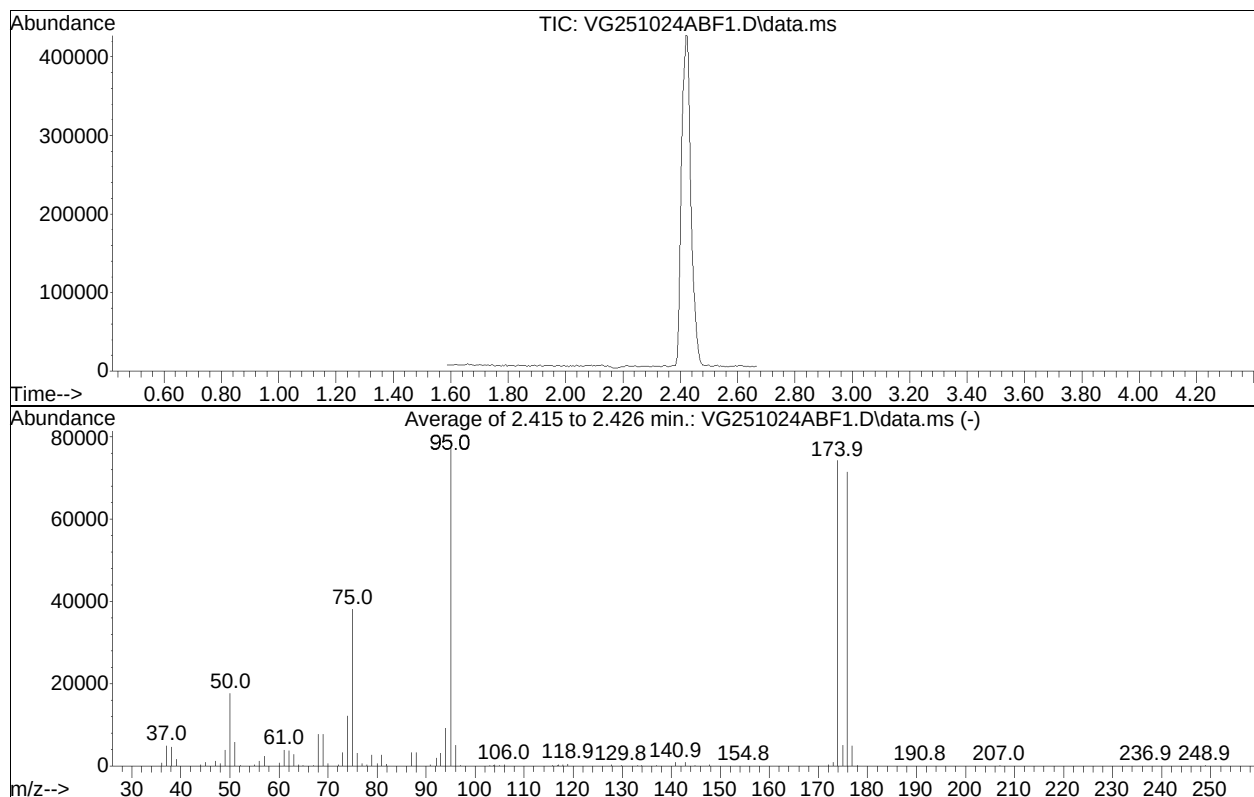
(#) = Out of Range

BFB

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024ABF1.D
Acq On : 24 Oct 2025 12:01 pm
Operator : GONZO:PID
Sample : WG2132896-1
Misc : WG2132896
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Sun Oct 26 12:35:39 2025



AutoFind: Scans 159, 160, 161; Background Corrected with Scan 150

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.7	17641	PASS
75	95	30	60	49.2	38163	PASS
95	95	100	100	100.0	77579	PASS
96	95	5	9	6.6	5135	PASS
173	174	0.00	2	1.2	909	PASS
174	95	50	100	95.7	74235	PASS
175	174	5	9	6.9	5097	PASS
176	174	95	101	96.3	71504	PASS
177	176	5	9	7.0	5031	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A03.D
 Acq On : 24 Oct 2025 1:08 pm
 Operator : GONZO:PID
 Sample : I8260STD0.19PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 26 12:23:17 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-L11_NJnew - L11 new NJ

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

Internal Standards						
1) Fluorobenzene	5.949	96	467832	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery	=	92.22%	
59) Chlorobenzene-d5	9.477	117	362945	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery	=	90.66%	
79) 1,4-Dichlorobenzene-d4	12.198	152	213482	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery	=	86.77%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	125097	10.323	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.23%	
43) 1,2-Dichloroethane-d4	5.667	65	133473	9.693	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.93%	
60) Toluene-d8	7.636	98	472408	10.097	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.97%	
83) 4-Bromofluorobenzene	10.981	95	174430	10.469	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	104.69%	
Target Compounds						
						Qvalue
4) Vinyl chloride	1.870	62	2244	0.157	ug/L	97
34) Carbon tetrachloride	5.093	117	2750	0.168	ug/L	95
41) Benzene	5.540	78	7854	0.164	ug/L #	82
44) 1,2-Dichloroethane	5.745	62	2839	0.189	ug/L #	94
48) Trichloroethene	6.126	95	2783	0.216	ug/L #	83
58) cis-1,3-Dichloropropene	7.438	75	2600	0.143	ug/L	96
63) Tetrachloroethene	8.144	166	2293	0.164	ug/L	94
65) trans-1,3-Dichloropropene	8.207	75	2017	0.137	ug/L	80
87) 1,1,2,2-Tetrachloroethane	11.236	83	1710	0.169	ug/L #	91

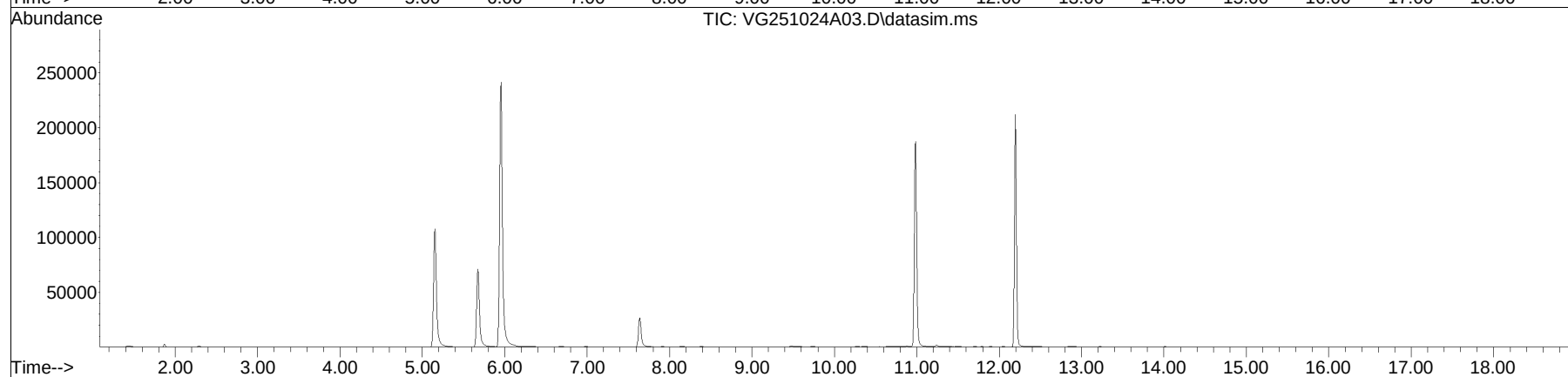
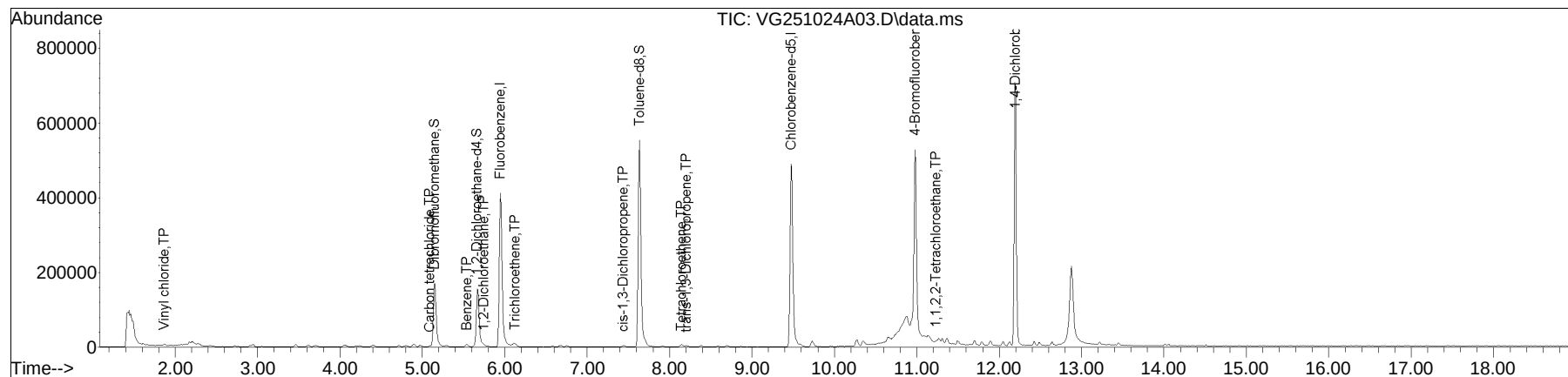
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A03.D
 Acq On : 24 Oct 2025 1:08 pm
 Operator : GONZO:PID
 Sample : I8260STD0.19PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 26 12:23:17 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

Sub List : 8260-L11_NJnew - L11 new NJAL\VG251024A09.D•



G_251024A_8260.m Sun Oct 26 12:44:27 2025

Page: 2

Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A03.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 1:08 pm Instrument : Gonzo
Sample : I8260STD0.19PPB Quant Date : 10/26/2025 12:21 pm

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A05.D
 Acq On : 24 Oct 2025 2:01 pm
 Operator : GONZO:PID
 Sample : I8260STD0.5PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 12:24:49 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.949	96	455382	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery	=	89.76%	
59) Chlorobenzene-d5	9.477	117	367807	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery	=	91.87%	
79) 1,4-Dichlorobenzene-d4	12.198	152	216210	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery	=	87.88%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	128051	10.856	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	108.56%	
43) 1,2-Dichloroethane-d4	5.674	65	133035	9.926	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.26%	
60) Toluene-d8	7.636	98	462551	9.756	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.56%	
83) 4-Bromofluorobenzene	10.981	95	175710	10.413	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	104.13%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.614	85	4529	0.430	ug/L	95
3) Chloromethane	1.820	50	8168M6	0.499	ug/L	
4) Vinyl chloride	1.870	62	6290	0.453	ug/L	100
5) Bromomethane	2.176	94	5431	0.538	ug/L	98
6) Chloroethane	2.283	64	4627	0.486	ug/L	98
7) Trichlorofluoromethane	2.425	101	6926M6	0.453	ug/L	
8) Ethyl ether	2.724	74	2240	0.429	ug/L #	88
10) 1,1-Dichloroethene	2.916	96	4207	0.450	ug/L	94
11) Carbon disulfide	2.951	76	14842	0.463	ug/L	98
12) Freon-113	2.951	101	4092	0.459	ug/L	95
13) Iodomethane	3.058	142	3435	0.485	ug/L #	84
14) Acrolein	0.000		0	N.D.	d	
15) Methylene chloride	3.464	84	6534	0.549	ug/L	97
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	3.620	96	5182	0.453	ug/L	94
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	3.705	73	9167	0.364	ug/L #	80
21) tert-Butyl alcohol	3.812	59	1095	1.835	ug/L #	80
22) Diisopropyl ether	4.054	45	15646	0.381	ug/L #	87
23) 1,1-Dichloroethane	4.196	63	10656	0.449	ug/L	97
24) Halothane	4.253	117	4027	0.465	ug/L	93

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A05.D
 Acq On : 24 Oct 2025 2:01 pm
 Operator : GONZO:PID
 Sample : I8260STD0.5PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 12:24:49 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

25) Acrylonitrile	0.000		0	N.D.	d	
26) Ethyl tert-butyl ether	4.403	59	11167	0.353	ug/L #	61
27) Vinyl acetate	0.000		0	N.D.	d	
28) cis-1,2-Dichloroethene	4.709	96	5327	0.406	ug/L	93
29) 2,2-Dichloropropane	4.801	77	6980	0.437	ug/L	96
30) Bromochloromethane	4.908	128	2704	0.452	ug/L	93
31) Cyclohexane	4.901	56	6231	0.324	ug/L	91
32) Chloroform	4.979	83	10334	0.507	ug/L	97
33) Ethyl acetate	0.000		0	N.D.	d	
34) Carbon tetrachloride	5.100	117	7167	0.449	ug/L	93
35) Tetrahydrofuran	0.000		0	N.D.	d	
37) 1,1,1-Trichloroethane	5.164	97	7626	0.439	ug/L	95
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	5.292	75	5269	0.378	ug/L	91
41) Benzene	5.533	78	18826	0.403	ug/L	98
42) tert-Amyl methyl ether	5.639	73	9084	0.367	ug/L	85
44) 1,2-Dichloroethane	5.745	62	7132	0.487	ug/L	94
47) Methyl cyclohexane	6.112	83	4670	0.274	ug/L	86
48) Trichloroethene	6.126	95	5249	0.418	ug/L	98
50) Dibromomethane	6.577	93	2819	0.474	ug/L	97
51) 1,2-Dichloropropane	6.676	63	5828	0.448	ug/L	94
53) 2-Chloroethyl vinyl ether	7.389	63	817	0.299	ug/L #	65
54) Bromodichloromethane	6.754	83	6904	0.437	ug/L #	98
57) 1,4-Dioxane	6.973	88	4667	74.168	ug/L	99
58) cis-1,3-Dichloropropene	7.445	75	6879	0.390	ug/L	90
61) Toluene	7.699	92	13911	0.452	ug/L	88
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	8.137	166	5702	0.402	ug/L	96
65) trans-1,3-Dichloropropene	8.200	75	5613	0.376	ug/L	83
67) Ethyl methacrylate	8.391	69	2840M2	0.301	ug/L	
68) 1,1,2-Trichloroethane	8.377	83	3214	0.435	ug/L	97
69) Chlorodibromomethane	8.588	129	5222	0.447	ug/L	89
70) 1,3-Dichloropropane	8.694	76	6272	0.414	ug/L	100
71) 1,2-Dibromoethane	8.871	107	3965	0.464	ug/L #	100
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	9.499	112	15502	0.422	ug/L #	77
74) Ethylbenzene	9.541	91	21712	0.361	ug/L	97
75) 1,1,1,2-Tetrachloroethane	9.583	131	5396	0.415	ug/L	87
76) p/m Xylene	9.731	106	16698	0.696	ug/L	98
77) o Xylene	10.268	106	16724	0.707	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A05.D
 Acq On : 24 Oct 2025 2:01 pm
 Operator : GONZO:PID
 Sample : I8260STD0.5PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 12:24:49 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78)	Styrene	10.345	104	24878	0.631	ug/L	99
80)	Bromoform	10.373	173	3051	0.429	ug/L	97
82)	Isopropylbenzene	10.649	105	21604	0.371	ug/L	99
84)	Bromobenzene	11.094	156	7267	0.460	ug/L	96
85)	n-Propylbenzene	11.144	91	26685	0.379	ug/L	98
86)	1,4-Dichlorobutane	11.165	55	7590	0.444	ug/L	95
87)	1,1,2,2-Tetrachloroethane	11.229	83	4997	0.486	ug/L	95
88)	4-Ethyltoluene	11.264	105	20824	0.355	ug/L	96
89)	2-Chlorotoluene	11.307	91	17346M6	0.403	ug/L	
90)	1,3,5-Trimethylbenzene	11.363	105	18014	0.360	ug/L	99
91)	1,2,3-Trichloropropane	11.370	75	4314	0.545	ug/L	94
92)	trans-1,4-Dichloro-2-b...	11.434	53	1165	0.397	ug/L #	75
93)	4-Chlorotoluene	11.498	91	17478	0.404	ug/L	96
94)	tert-Butylbenzene	11.703	119	14464	0.342	ug/L	96
97)	1,2,4-Trimethylbenzene	11.788	105	15023	0.321	ug/L	100
98)	sec-Butylbenzene	11.894	105	20120	0.322	ug/L	95
99)	p-Isopropyltoluene	12.049	119	15763	0.296	ug/L	96
100)	1,3-Dichlorobenzene	12.120	146	12429	0.406	ug/L	97
101)	1,4-Dichlorobenzene	12.212	146	13364	0.441	ug/L #	86
102)	p-Diethylbenzene	12.424	119	9331	0.315	ug/L	97
103)	n-Butylbenzene	12.481	91	11964	0.287	ug/L	99
104)	1,2-Dichlorobenzene	12.644	146	11116	0.405	ug/L	96
105)	1,2,4,5-Tetramethylben...	13.216	119	9550	0.327	ug/L	98
106)	1,2-Dibromo-3-chloropr...	13.415	155	535	0.353	ug/L #	74
107)	1,3,5-Trichlorobenzene	13.450	180	6361	0.376	ug/L #	95
108)	Hexachlorobutadiene	14.009	225	2764	0.416	ug/L #	87
109)	1,2,4-Trichlorobenzene	14.051	180	4017	0.359	ug/L	96
110)	Naphthalene	14.348	128	4590	0.325	ug/L	100
111)	1,2,3-Trichlorobenzene	14.511	180	2767	0.354	ug/L	94

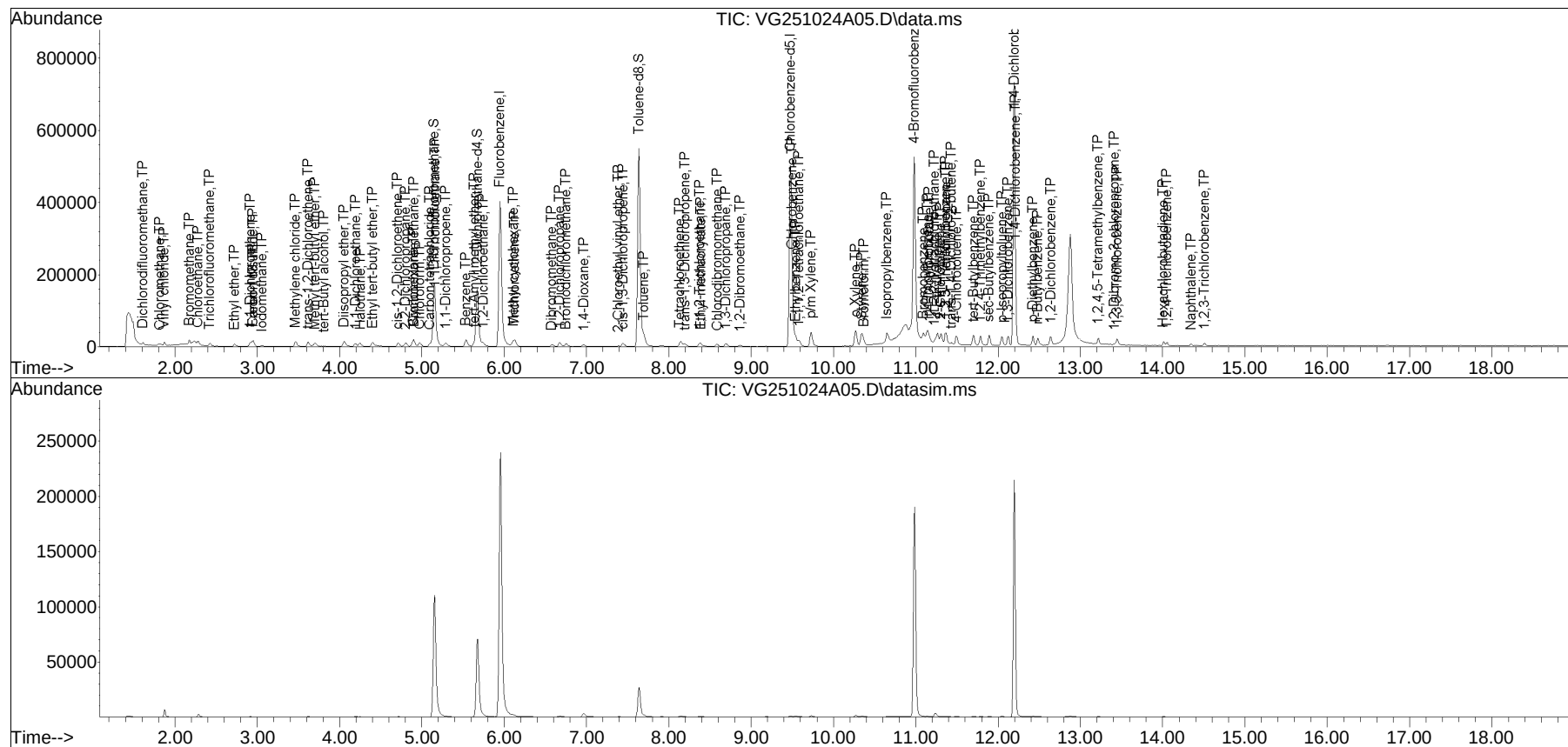
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A05.D
 Acq On : 24 Oct 2025 2:01 pm
 Operator : GONZO:PID
 Sample : I8260STD0.5PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 12:24:49 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

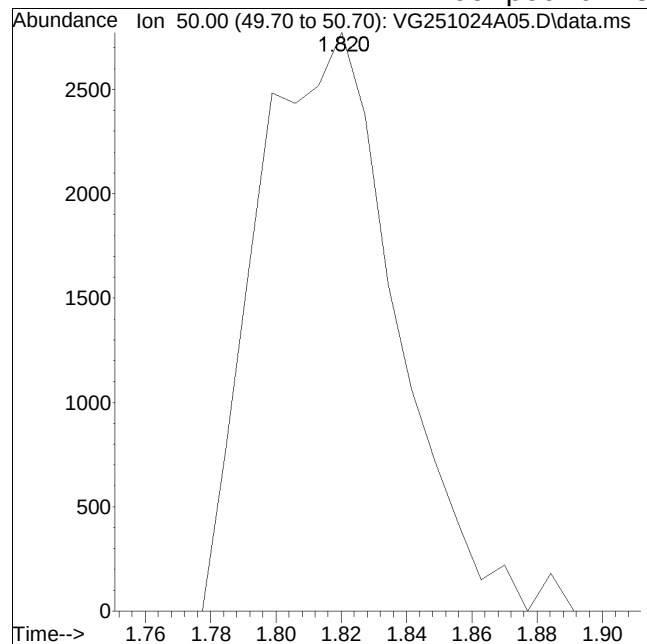
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



Manual Integration Report

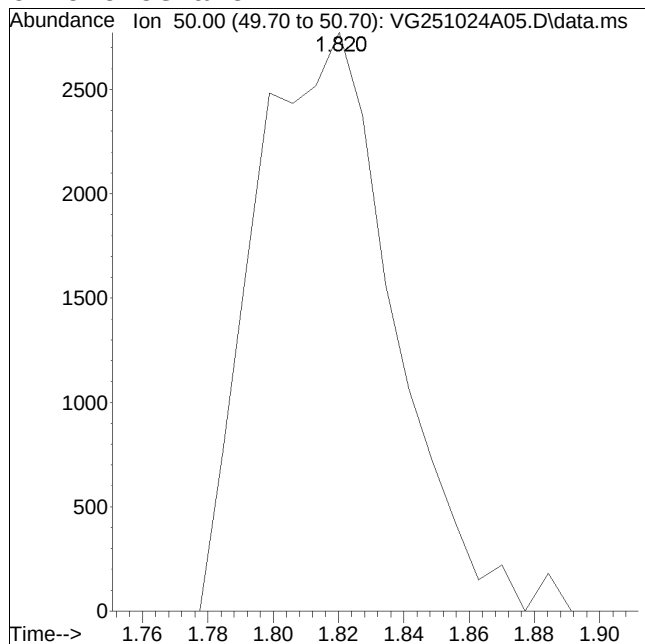
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A05.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:01 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 10/26/2025 12:21 pm

Compound #3: Chloromethane



Original Peak Response = 8245

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

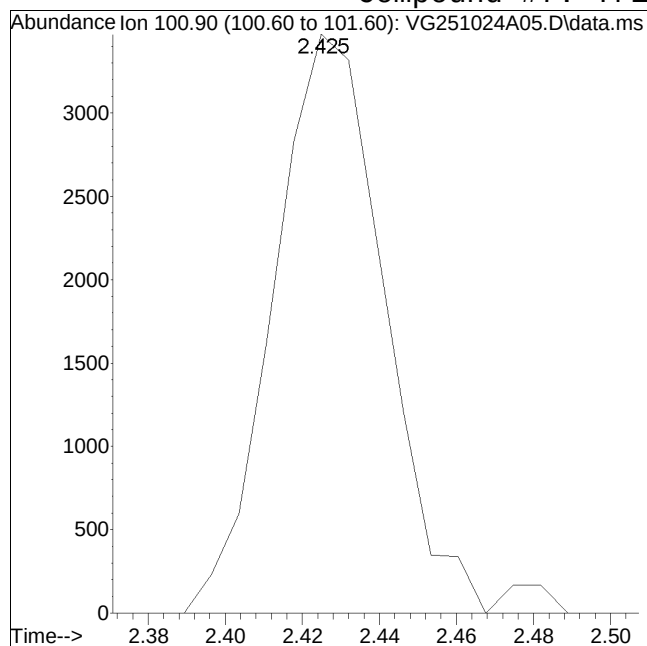


Manual Peak Response = 8168 M6

Manual Integration Report

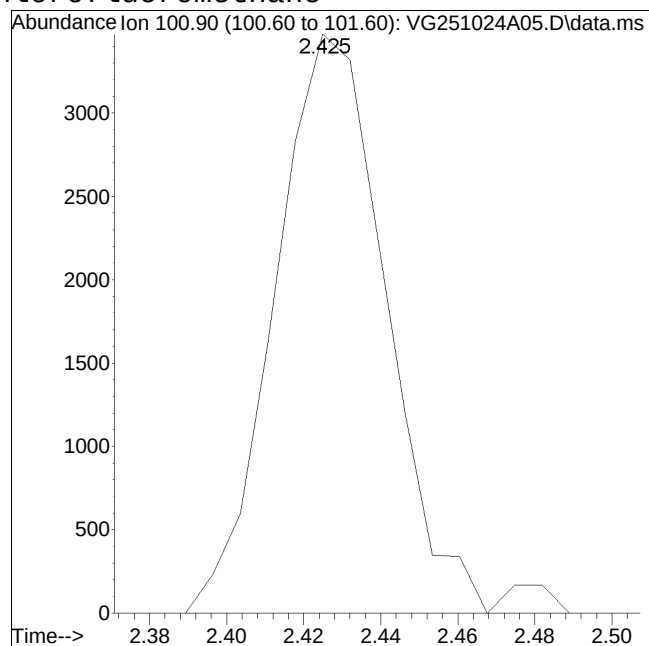
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A05.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:01 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 10/26/2025 12:21 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 7069

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

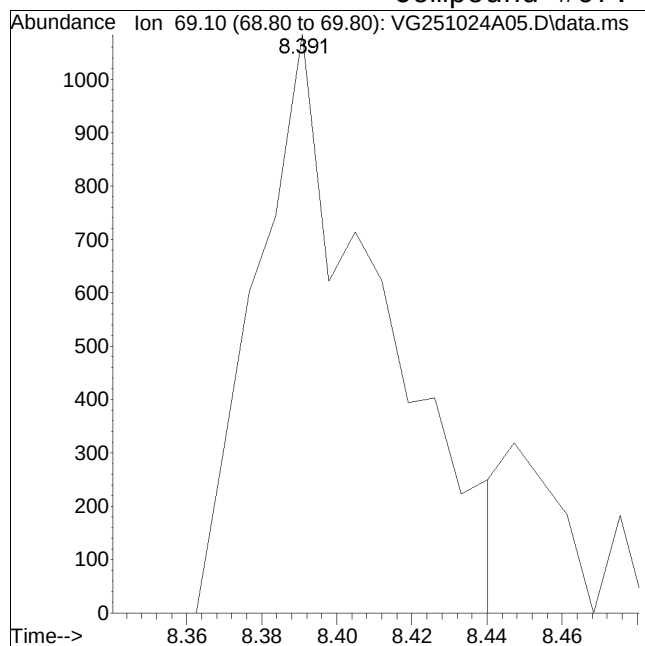


Manual Peak Response = 6926 M6

Manual Integration Report

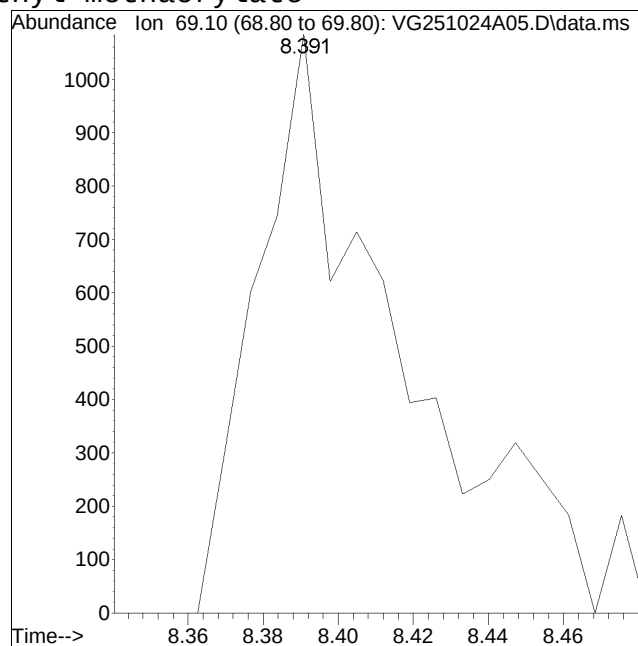
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Data File : VG251024A05.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:01 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 10/26/2025 12:21 pm

Compound #67: Ethyl methacrylate



Original Peak Response = 2521

M2 = Peak not found by automatic integration algorithm.

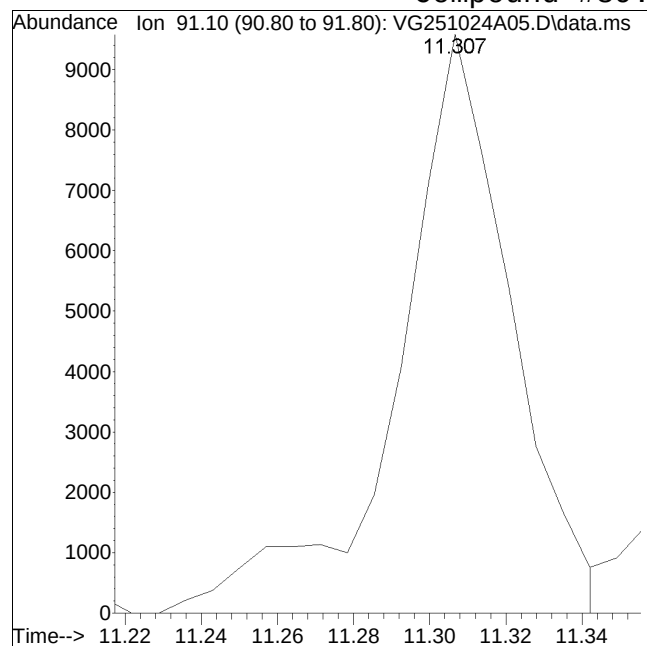


Manual Peak Response = 2840 M2

Manual Integration Report

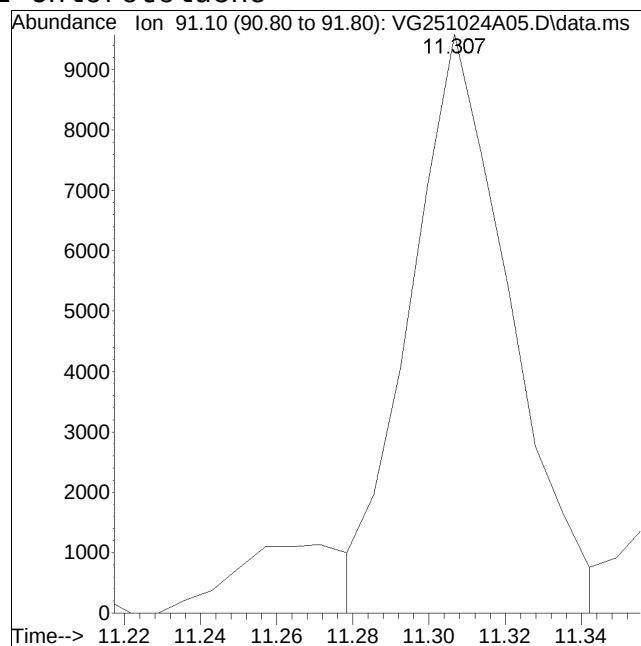
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A05.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:01 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 10/26/2025 12:21 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 19757

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



Manual Peak Response = 17346 M6

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A07.D
 Acq On : 24 Oct 2025 2:55 pm
 Operator : GONZO:PID
 Sample : I8260STD2PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 12:26:11 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.950	96	471579	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery	=	92.96%	
59) Chlorobenzene-d5	9.477	117	377125	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery	=	94.20%	
79) 1,4-Dichlorobenzene-d4	12.198	152	223985	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery	=	91.04%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	127720	10.456	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	104.56%	
43) 1,2-Dichloroethane-d4	5.667	65	139623	10.059	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.59%	
60) Toluene-d8	7.636	98	484326	9.963	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.63%	
83) 4-Bromofluorobenzene	10.981	95	184463	10.552	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	105.52%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.614	85	25009	2.295	ug/L	100
3) Chloromethane	1.813	50	35809	2.111	ug/L	97
4) Vinyl chloride	1.870	62	30771	2.139	ug/L	99
5) Bromomethane	2.176	94	21917	2.097	ug/L	98
6) Chloroethane	2.283	64	20445	2.074	ug/L	97
7) Trichlorofluoromethane	2.425	101	34457	2.178	ug/L	100
8) Ethyl ether	2.724	74	9947	1.840	ug/L #	93
10) 1,1-Dichloroethene	2.916	96	20474	2.114	ug/L	96
11) Carbon disulfide	2.944	76	69702	2.098	ug/L	100
12) Freon-113	2.951	101	21944	2.378	ug/L	83
13) Iodomethane	3.051	142	12949	1.766	ug/L	100
14) Acrolein	3.243	56	1937M6	1.627	ug/L	
15) Methylene chloride	3.464	84	25091	2.035	ug/L	98
17) Acetone	3.528	43	3730M6	1.807	ug/L	
18) trans-1,2-Dichloroethene	3.613	96	23477	1.983	ug/L	98
19) Methyl acetate	3.627	43	9158	1.810	ug/L	95
20) Methyl tert-butyl ether	3.705	73	46959	1.800	ug/L	93
21) tert-Butyl alcohol	3.805	59	5289	8.559	ug/L #	72
22) Diisopropyl ether	4.054	45	73955	1.739	ug/L	97
23) 1,1-Dichloroethane	4.189	63	48548	1.976	ug/L	99
24) Halothane	4.246	117	19007	2.118	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A07.D
 Acq On : 24 Oct 2025 2:55 pm
 Operator : GONZO:PID
 Sample : I8260STD2PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 12:26:11 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	4.268	53	4915	1.817	ug/L	99
26) Ethyl tert-butyl ether	4.403	59	55554	1.695	ug/L	96
27) Vinyl acetate	4.438	43	43273	1.805	ug/L	99
28) cis-1,2-Dichloroethene	4.709	96	25925	1.910	ug/L	95
29) 2,2-Dichloropropane	4.801	77	32158	1.946	ug/L	89
30) Bromochloromethane	4.908	128	12252	1.977	ug/L	96
31) Cyclohexane	4.894	56	40491	2.030	ug/L	96
32) Chloroform	4.972	83	43693	2.069	ug/L	99
33) Ethyl acetate	5.093	43	14801	1.839	ug/L	95
34) Carbon tetrachloride	5.100	117	33744	2.040	ug/L	96
35) Tetrahydrofuran	5.128	42	5336M6	2.003	ug/L	
37) 1,1,1-Trichloroethane	5.164	97	36946	2.054	ug/L	97
39) 2-Butanone	5.285	43	5449M1	1.589	ug/L	
40) 1,1-Dichloropropene	5.292	75	27591	1.911	ug/L	97
41) Benzene	5.533	78	90493	1.870	ug/L	98
42) tert-Amyl methyl ether	5.639	73	41236	1.608	ug/L	92
44) 1,2-Dichloroethane	5.745	62	30097	1.986	ug/L	94
47) Methyl cyclohexane	6.105	83	35049	1.987	ug/L	98
48) Trichloroethene	6.133	95	26488	2.038	ug/L	97
50) Dibromomethane	6.577	93	11699	1.899	ug/L	95
51) 1,2-Dichloropropane	6.676	63	26564	1.970	ug/L	98
53) 2-Chloroethyl vinyl ether	7.368	63	5707	2.020	ug/L	92
54) Bromodichloromethane	6.747	83	31112	1.902	ug/L	100
57) 1,4-Dioxane	6.958	88	23441	359.728	ug/L	99
58) cis-1,3-Dichloropropene	7.438	75	33694	1.845	ug/L	99
61) Toluene	7.699	92	60239	1.909	ug/L	99
62) 4-Methyl-2-pentanone	8.144	58	3927	1.556	ug/L	82
63) Tetrachloroethene	8.137	166	29036	1.997	ug/L	100
65) trans-1,3-Dichloropropene	8.193	75	27538	1.800	ug/L	91
67) Ethyl methacrylate	8.370	69	15836	1.634	ug/L	94
68) 1,1,2-Trichloroethane	8.377	83	15119	1.998	ug/L	95
69) Chlorodibromomethane	8.574	129	22079	1.842	ug/L	98
70) 1,3-Dichloropropane	8.687	76	28962	1.862	ug/L	99
71) 1,2-Dibromoethane	8.856	107	16472	1.881	ug/L #	100
72) 2-Hexanone	9.160	43	6240	1.314	ug/L	94
73) Chlorobenzene	9.499	112	72058	1.911	ug/L	97
74) Ethylbenzene	9.534	91	112779	1.831	ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.583	131	24908	1.870	ug/L	97
76) p/m Xylene	9.724	106	86576	3.522	ug/L	99
77) o Xylene	10.268	106	84354	3.480	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A07.D
 Acq On : 24 Oct 2025 2:55 pm
 Operator : GONZO:PID
 Sample : I8260STD2PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 12:26:11 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78)	Styrene	10.338	104	135671	3.359	ug/L	99
80)	Bromoform	10.366	173	13256	1.800	ug/L	96
82)	Isopropylbenzene	10.649	105	111101	1.844	ug/L	100
84)	Bromobenzene	11.095	156	31847	1.945	ug/L	99
85)	n-Propylbenzene	11.137	91	141599	1.944	ug/L	97
86)	1,4-Dichlorobutane	11.158	55	34482	1.949	ug/L	98
87)	1,1,2,2-Tetrachloroethane	11.236	83	21442	2.014	ug/L	96
88)	4-Ethyltoluene	11.264	105	112936	1.861	ug/L	100
89)	2-Chlorotoluene	11.307	91	86927M6	1.949	ug/L	
90)	1,3,5-Trimethylbenzene	11.356	105	96044	1.852	ug/L	98
91)	1,2,3-Trichloropropane	11.370	75	17545M1	2.140	ug/L	
92)	trans-1,4-Dichloro-2-b...	11.427	53	5737	1.889	ug/L	95
93)	4-Chlorotoluene	11.491	91	81552	1.819	ug/L	99
94)	tert-Butylbenzene	11.703	119	82208	1.875	ug/L	100
97)	1,2,4-Trimethylbenzene	11.781	105	81644	1.683	ug/L	99
98)	sec-Butylbenzene	11.894	105	116810	1.807	ug/L	100
99)	p-Isopropyltoluene	12.042	119	95671	1.732	ug/L	99
100)	1,3-Dichlorobenzene	12.120	146	60158	1.896	ug/L	99
101)	1,4-Dichlorobenzene	12.212	146	62046	1.975	ug/L	97
102)	p-Diethylbenzene	12.424	119	51060	1.662	ug/L	99
103)	n-Butylbenzene	12.481	91	76796	1.776	ug/L	98
104)	1,2-Dichlorobenzene	12.636	146	52923	1.861	ug/L	99
105)	1,2,4,5-Tetramethylben...	13.217	119	49219	1.628	ug/L	98
106)	1,2-Dibromo-3-chloropr...	13.422	155	2769	1.765	ug/L	95
107)	1,3,5-Trichlorobenzene	13.443	180	31548	1.802	ug/L	100
108)	Hexachlorobutadiene	14.016	225	14417	2.093	ug/L	95
109)	1,2,4-Trichlorobenzene	14.044	180	19821	1.711	ug/L	97
110)	Naphthalene	14.341	128	21882	1.496	ug/L	100
111)	1,2,3-Trichlorobenzene	14.504	180	13300	1.644	ug/L	98

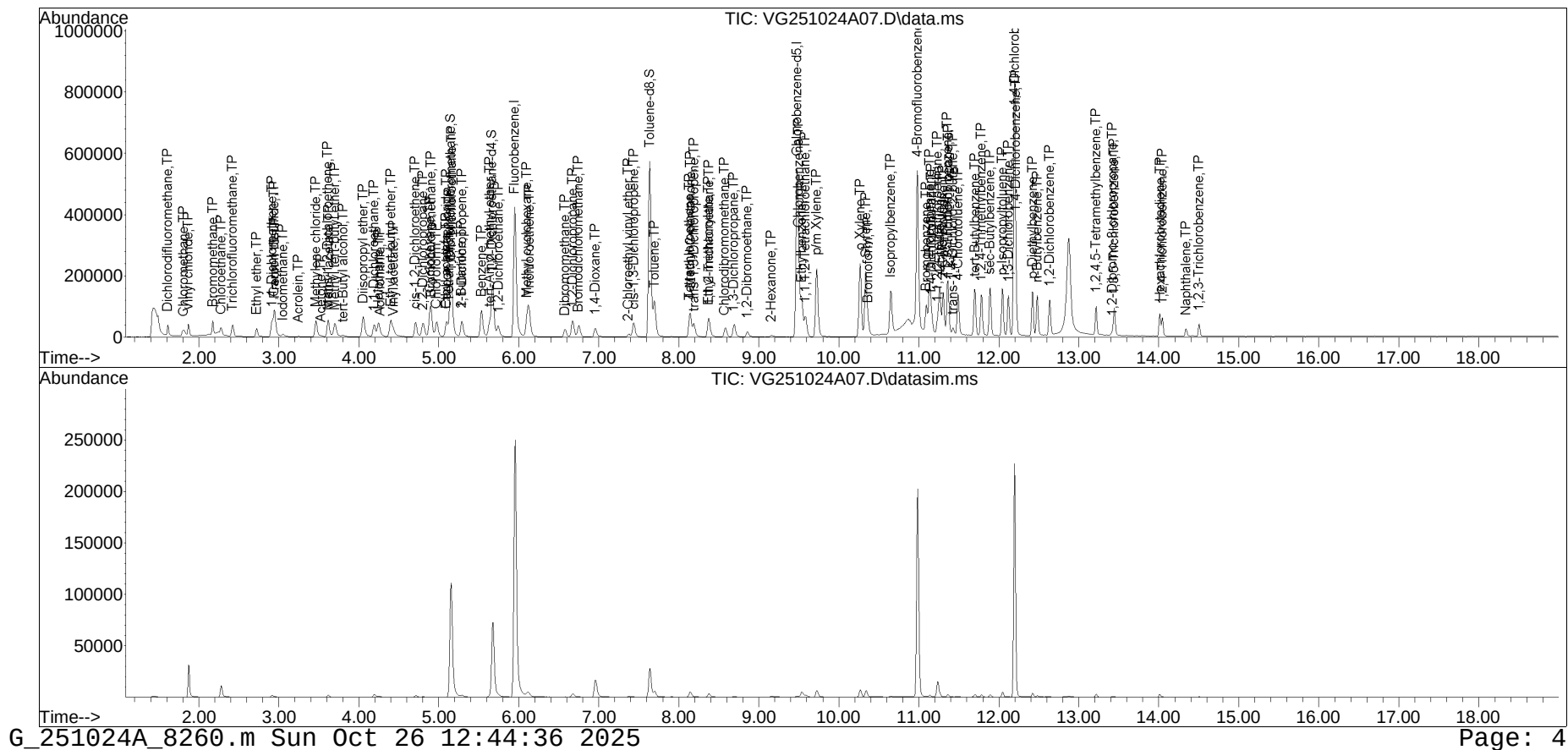
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

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Data File  : VG251024A07.D
Acq On     : 24 Oct 2025    2:55 pm
Operator   : GONZO:PID
Sample     : I8260STD2PPB
Misc       : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial   : 7      Sample Multiplier: 1
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Quant Time: Oct 26 12:26:11 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

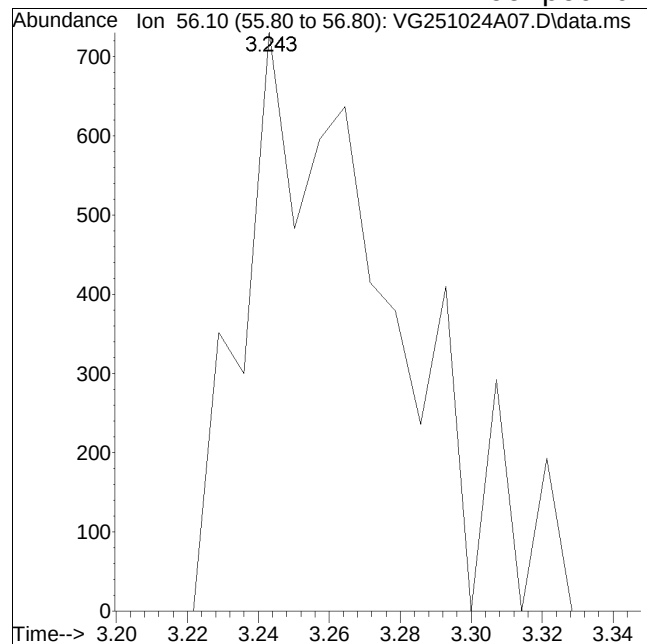
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



Manual Integration Report

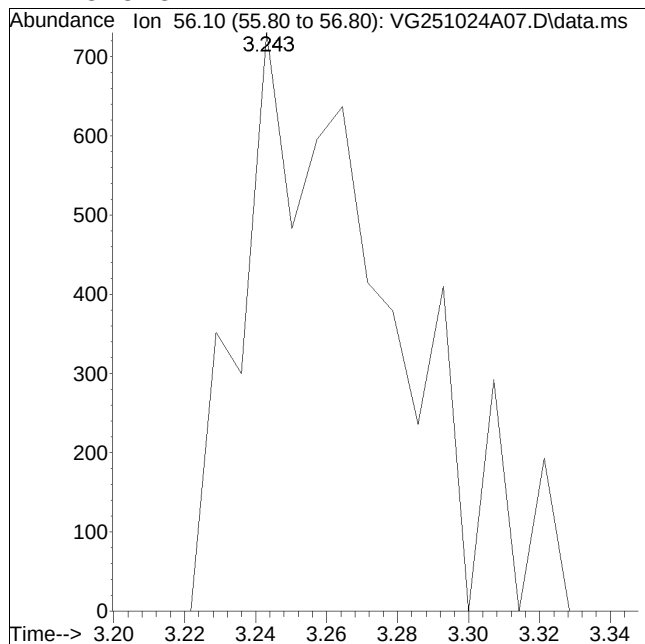
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Data File : VG251024A07.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:55 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 10/26/2025 12:22 pm

Compound #14: Acrolein



Original Peak Response = 2144

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

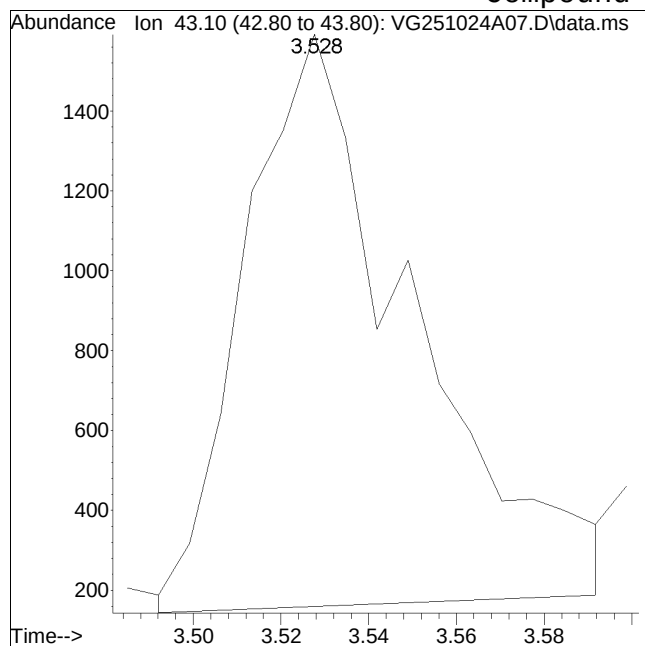


Manual Peak Response = 1937 M6

Manual Integration Report

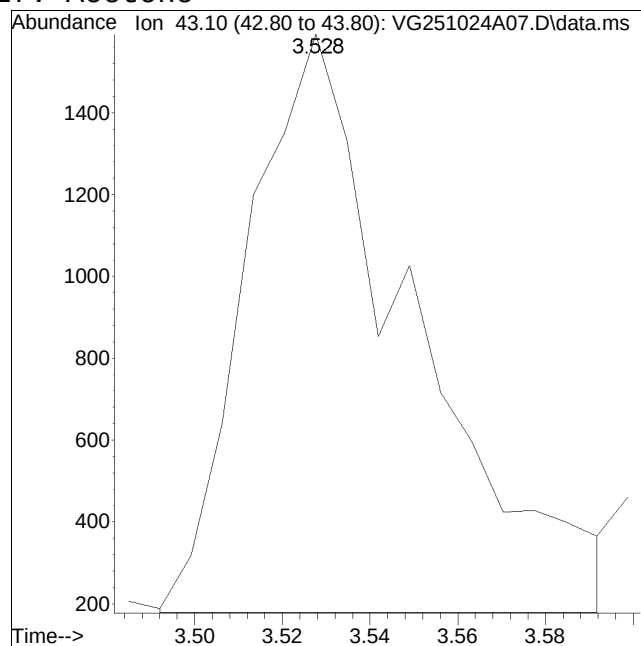
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Date Inj'd : 10/24/2025 2:55 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 10/26/2025 12:22 pm

Compound #17: Acetone



Original Peak Response = 3808

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

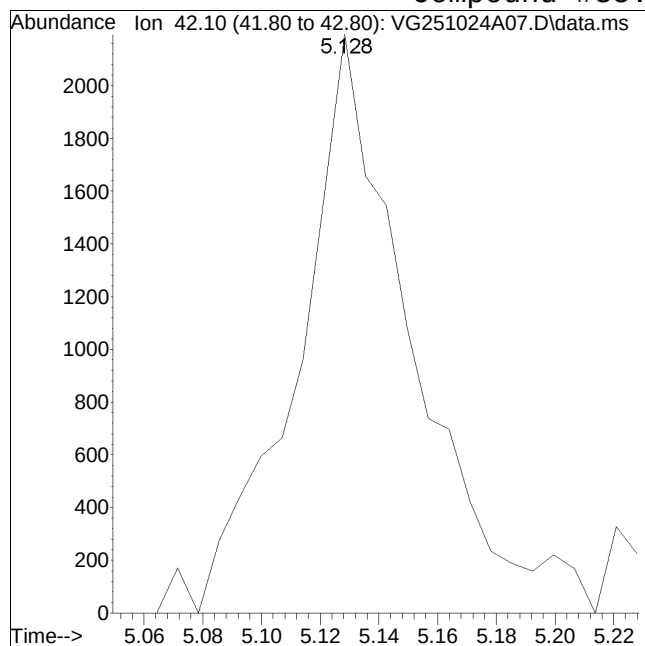


Manual Peak Response = 3730 M6

Manual Integration Report

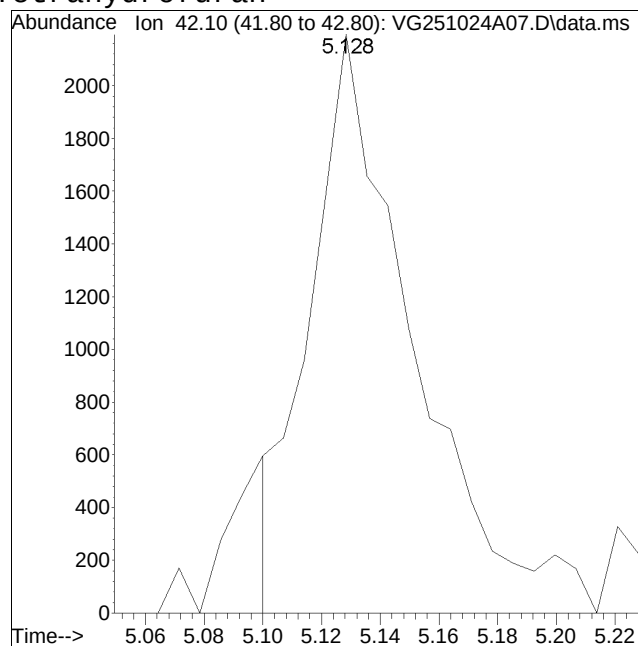
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Data File : VG251024A07.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:55 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 10/26/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 5971

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

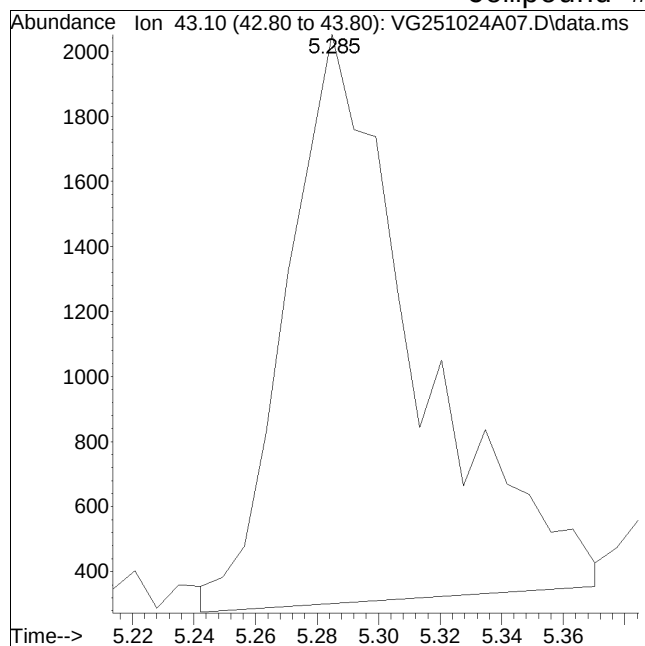


Manual Peak Response = 5336 M6

Manual Integration Report

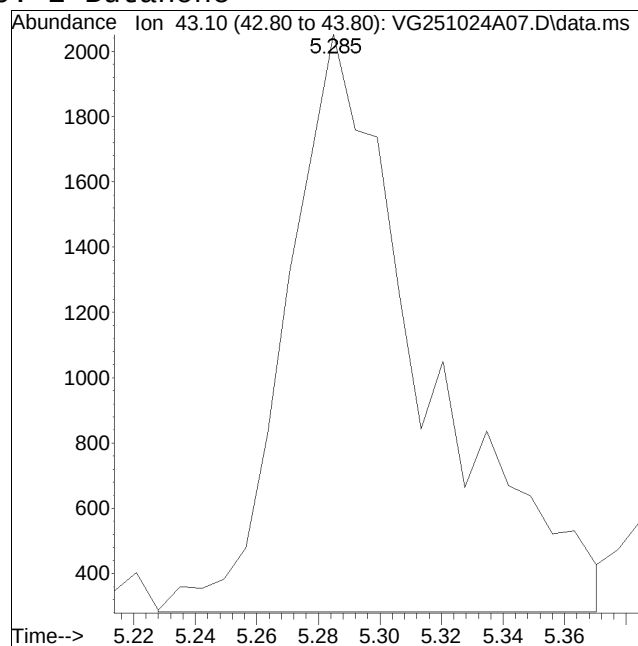
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Data File : VG251024A07.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:55 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 10/26/2025 12:22 pm

Compound #39: 2-Butanone



Original Peak Response = 5127

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

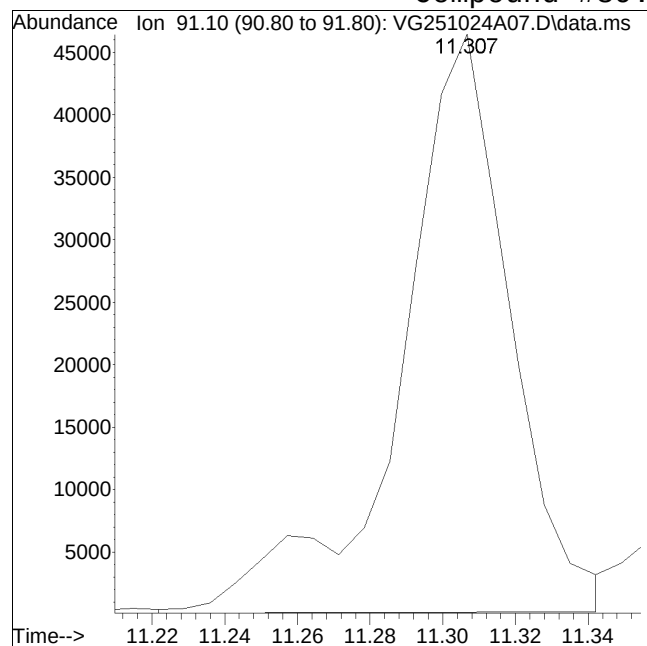


Manual Peak Response = 5449 M1

Manual Integration Report

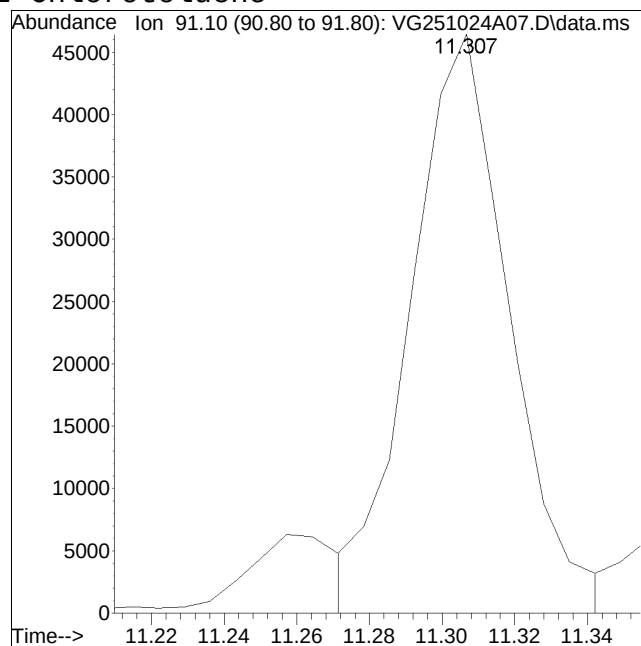
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Data File : VG251024A07.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:55 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 10/26/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 96589

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

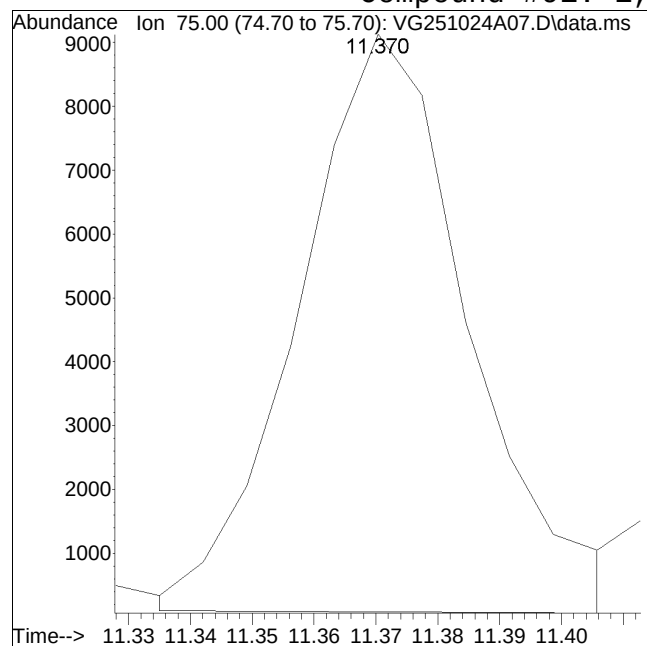


Manual Peak Response = 86927 M6

Manual Integration Report

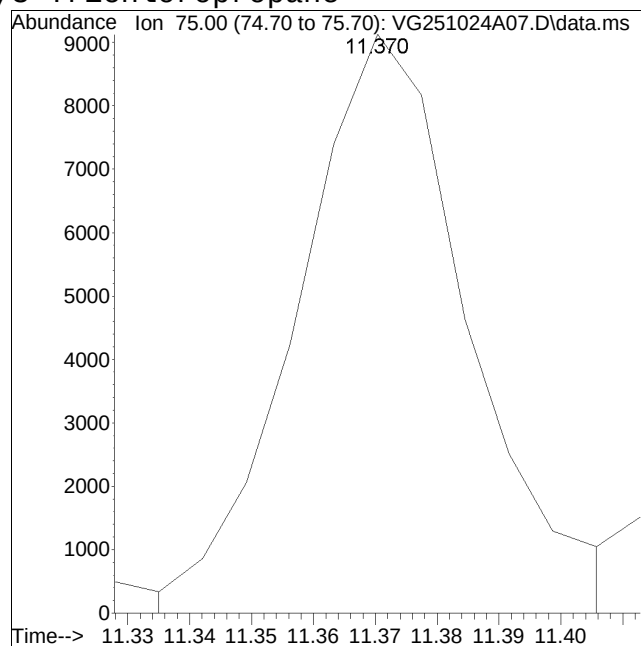
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Data File : VG251024A07.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:55 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 10/26/2025 12:22 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 17199

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



Manual Peak Response = 17545 M1

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A09.D
 Acq On : 24 Oct 2025 3:48 pm
 Operator : GONZO:PID
 Sample : I8260STD10PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 26 12:20:43 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:11:31 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.949	96	507307	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery	=	100.00%	
59) Chlorobenzene-d5	9.477	117	400345	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery	=	100.00%	
79) 1,4-Dichlorobenzene-d4	12.198	152	246040	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery	=	100.00%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	131403	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.00%	
43) 1,2-Dichloroethane-d4	5.674	65	149314	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.00%	
60) Toluene-d8	7.636	98	516062	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.00%	
83) 4-Bromofluorobenzene	10.981	95	192027	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.614	85	117221	10.000	ug/L	100
3) Chloromethane	1.813	50	182525	10.000	ug/L	100
4) Vinyl chloride	1.877	62	154738	10.000	ug/L	100
5) Bromomethane	2.176	94	112419	10.000	ug/L	100
6) Chloroethane	2.276	64	106041	10.000	ug/L	100
7) Trichlorofluoromethane	2.425	101	170208	10.000	ug/L	100
8) Ethyl ether	2.724	74	58140	10.000	ug/L	100
10) 1,1-Dichloroethene	2.916	96	104207	10.000	ug/L	100
11) Carbon disulfide	2.944	76	357377	10.000	ug/L	100
12) Freon-113	2.951	101	99254	10.000	ug/L	100
13) Iodomethane	3.058	142	78893	10.000	ug/L	100
14) Acrolein	3.243	56	12807	10.000	ug/L	100
15) Methylene chloride	3.464	84	132670	10.000	ug/L	100
17) Acetone	3.513	43	22203	10.000	ug/L	100
18) trans-1,2-Dichloroethene	3.613	96	127360	10.000	ug/L	100
19) Methyl acetate	3.627	43	54442	10.000	ug/L	100
20) Methyl tert-butyl ether	3.698	73	280654	10.000	ug/L	100
21) tert-Butyl alcohol	3.805	59	33239	50.000	ug/L	100
22) Diisopropyl ether	4.054	45	457409	10.000	ug/L	100
23) 1,1-Dichloroethane	4.189	63	264244	10.000	ug/L	100
24) Halothane	4.246	117	96544	10.000	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A09.D
 Acq On : 24 Oct 2025 3:48 pm
 Operator : GONZO:PID
 Sample : I8260STD10PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 26 12:20:43 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:11:31 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	4.246	53	29099	10.000	ug/L	100
26) Ethyl tert-butyl ether	4.403	59	352586	10.000	ug/L	100
27) Vinyl acetate	4.424	43	257936	10.000	ug/L	100
28) cis-1,2-Dichloroethene	4.709	96	146004	10.000	ug/L	100
29) 2,2-Dichloropropane	4.801	77	177791	10.000	ug/L	100
30) Bromochloromethane	4.901	128	66680	10.000	ug/L	100
31) Cyclohexane	4.894	56	214549	10.000	ug/L	100
32) Chloroform	4.972	83	227153	10.000	ug/L	100
33) Ethyl acetate	5.079	43	86581	10.000	ug/L	100
34) Carbon tetrachloride	5.100	117	177977	10.000	ug/L	100
35) Tetrahydrofuran	5.121	42	28661M6	10.000	ug/L	
37) 1,1,1-Trichloroethane	5.164	97	193516	10.000	ug/L	100
39) 2-Butanone	5.271	43	36889	10.000	ug/L	100
40) 1,1-Dichloropropene	5.285	75	155299	10.000	ug/L	100
41) Benzene	5.533	78	520445	10.000	ug/L	100
42) tert-Amyl methyl ether	5.632	73	275860	10.000	ug/L	100
44) 1,2-Dichloroethane	5.745	62	163027	10.011	ug/L	100
47) Methyl cyclohexane	6.112	83	189711	10.000	ug/L	100
48) Trichloroethene	6.126	95	139797	10.000	ug/L	100
50) Dibromomethane	6.577	93	66290	10.000	ug/L	100
51) 1,2-Dichloropropane	6.669	63	145055	10.000	ug/L	100
53) 2-Chloroethyl vinyl ether	7.368	63	30398M6	10.000	ug/L	
54) Bromodichloromethane	6.747	83	175930	10.000	ug/L	100
57) 1,4-Dioxane	6.958	88	35050	500.000	ug/L	100
58) cis-1,3-Dichloropropene	7.431	75	196480	10.000	ug/L	100
61) Toluene	7.692	92	335016	10.000	ug/L	100
62) 4-Methyl-2-pentanone	8.130	58	26797	10.000	ug/L	100
63) Tetrachloroethene	8.137	166	154377	10.000	ug/L	100
65) trans-1,3-Dichloropropene	8.179	75	162417	10.000	ug/L	100
67) Ethyl methacrylate	8.370	69	102859	10.000	ug/L	100
68) 1,1,2-Trichloroethane	8.370	83	80337	10.000	ug/L	100
69) Chlorodibromomethane	8.581	129	127256	10.000	ug/L	100
70) 1,3-Dichloropropane	8.687	76	165096	10.000	ug/L	100
71) 1,2-Dibromoethane	8.856	107	92965	10.000	ug/L	# 100
72) 2-Hexanone	9.139	43	50429	10.000	ug/L	100
73) Chlorobenzene	9.499	112	400317	10.000	ug/L	100
74) Ethylbenzene	9.534	91	653931	10.000	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.583	131	141395	10.000	ug/L	100
76) p/m Xylene	9.724	106	521915	20.000	ug/L	100
77) o Xylene	10.261	106	514654	20.000	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A09.D
 Acq On : 24 Oct 2025 3:48 pm
 Operator : GONZO:PID
 Sample : I8260STD10PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 26 12:20:43 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:11:31 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78)	Styrene	10.331	104	857636	20.000	ug/L	100
80)	Bromoform	10.366	173	80884	10.000	ug/L	100
82)	Isopropylbenzene	10.649	105	661928	10.000	ug/L	100
84)	Bromobenzene	11.094	156	179849	10.000	ug/L	100
85)	n-Propylbenzene	11.130	91	800286	10.000	ug/L	100
86)	1,4-Dichlorobutane	11.158	55	194389	10.000	ug/L	100
87)	1,1,2,2-Tetrachloroethane	11.236	83	116928	10.000	ug/L	100
88)	4-Ethyltoluene	11.257	105	666685	10.000	ug/L	100
89)	2-Chlorotoluene	11.300	91	489862M6	10.000	ug/L	
90)	1,3,5-Trimethylbenzene	11.356	105	569686	10.000	ug/L	100
91)	1,2,3-Trichloropropane	11.370	75	90079	10.000	ug/L	100
92)	trans-1,4-Dichloro-2-b...	11.420	53	33369M1	10.000	ug/L	
93)	4-Chlorotoluene	11.491	91	492352	10.000	ug/L	100
94)	tert-Butylbenzene	11.696	119	481495	10.000	ug/L	100
97)	1,2,4-Trimethylbenzene	11.781	105	532986	10.000	ug/L	100
98)	sec-Butylbenzene	11.887	105	709987	10.000	ug/L	100
99)	p-Isopropyltoluene	12.042	119	606635	10.000	ug/L	100
100)	1,3-Dichlorobenzene	12.113	146	348561	10.000	ug/L	100
101)	1,4-Dichlorobenzene	12.212	146	345087	10.000	ug/L	100
102)	p-Diethylbenzene	12.417	119	337550	10.000	ug/L	100
103)	n-Butylbenzene	12.481	91	474902	10.000	ug/L	100
104)	1,2-Dichlorobenzene	12.636	146	312365	10.000	ug/L	100
105)	1,2,4,5-Tetramethylben...	13.216	119	332127	10.000	ug/L	100
106)	1,2-Dibromo-3-chloropr...	13.415	155	17235	10.000	ug/L	100
107)	1,3,5-Trichlorobenzene	13.443	180	192355	10.000	ug/L	100
108)	Hexachlorobutadiene	14.016	225	75660	10.000	ug/L	100
109)	1,2,4-Trichlorobenzene	14.044	180	127231	10.000	ug/L	100
110)	Naphthalene	14.334	128	160632	10.000	ug/L	100
111)	1,2,3-Trichlorobenzene	14.504	180	88891	10.000	ug/L	100

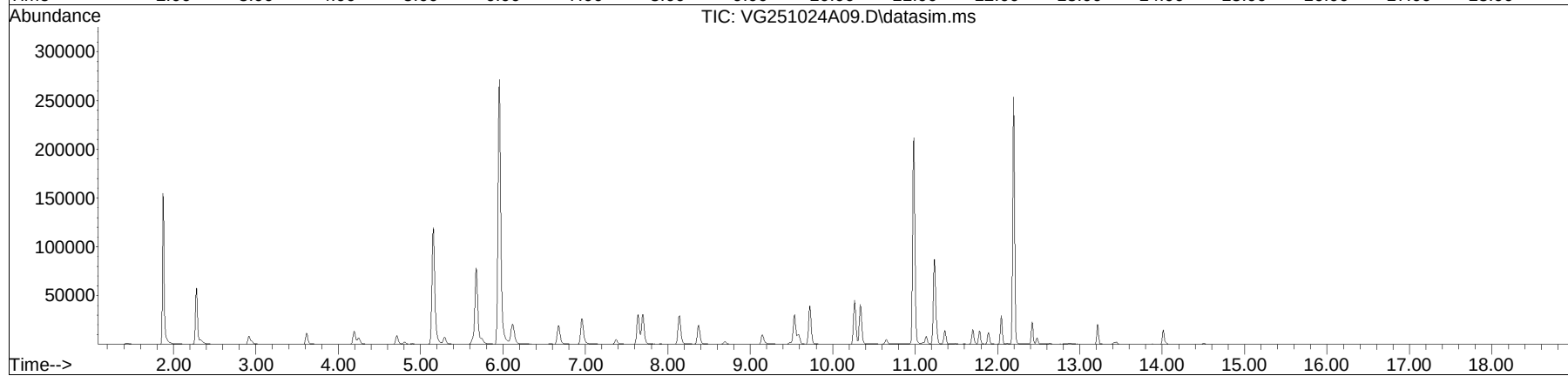
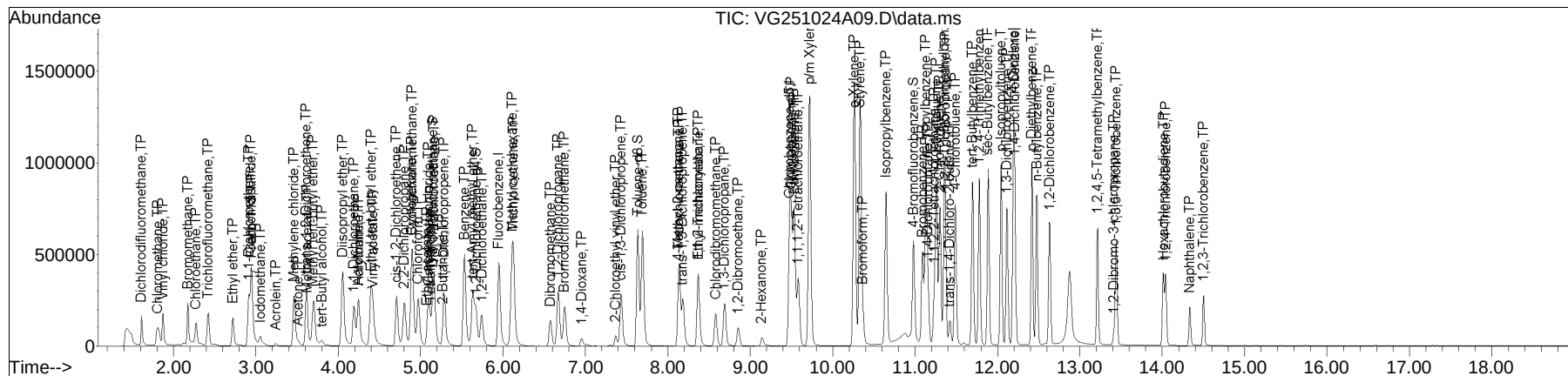
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A09.D
Acq On : 24 Oct 2025 3:48 pm
Operator : GONZO:PID
Sample : I8260STD10PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 26 12:20:43 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:11:31 2025
Response via : Initial Calibration

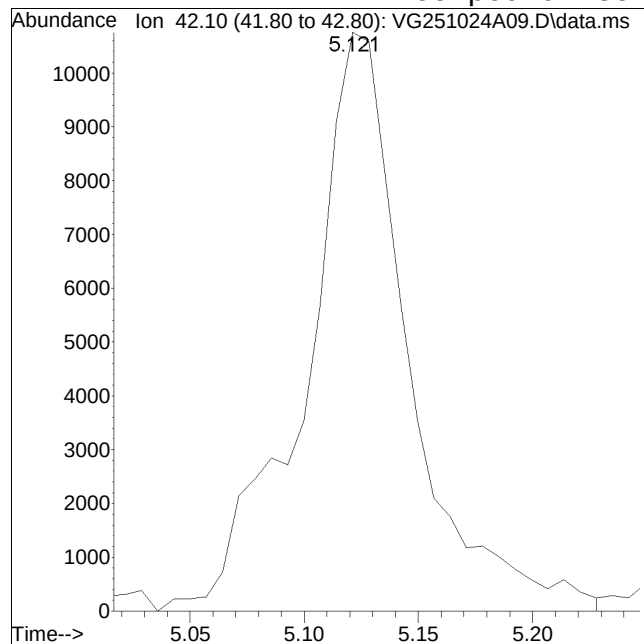
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



Manual Integration Report

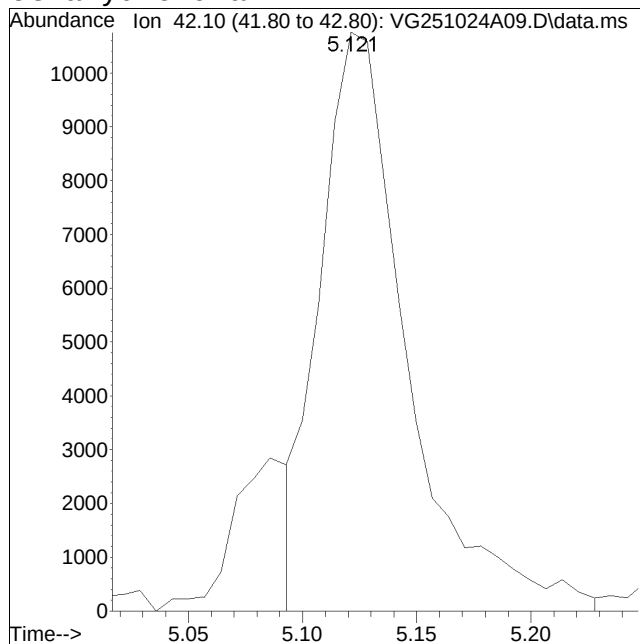
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Data File : VG251024A09.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 3:48 pm Instrument : Gonzo
Sample : I8260STD10PPB Quant Date : 10/26/2025 12:20 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 33618

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

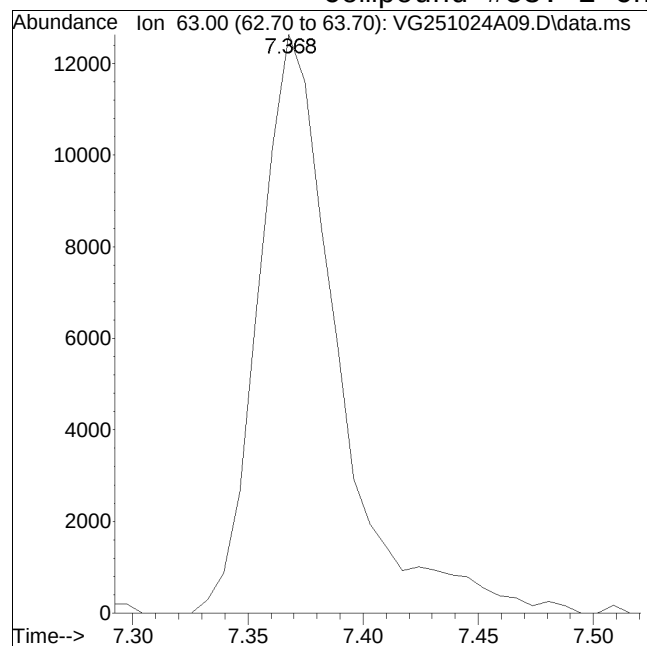


Manual Peak Response = 28661 M6

Manual Integration Report

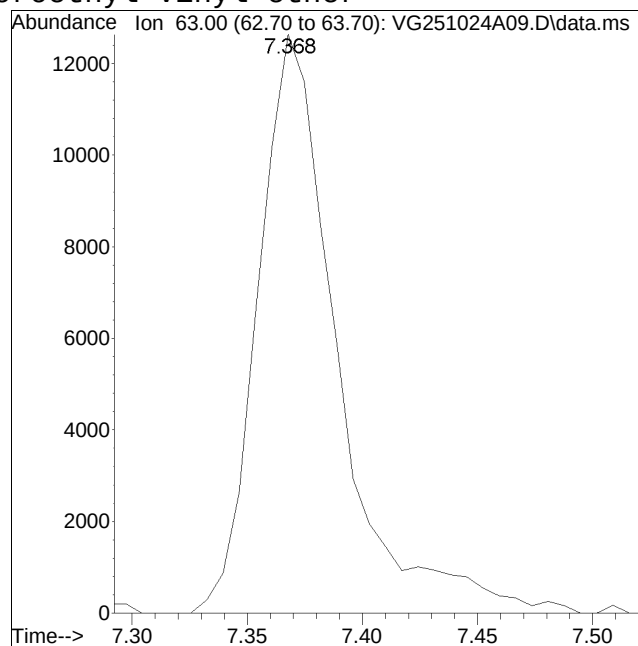
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Data File : VG251024A09.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 3:48 pm Instrument : Gonzo
Sample : I8260STD10PPB Quant Date : 10/26/2025 12:20 pm

Compound #53: 2-Chloroethyl vinyl ether



Original Peak Response = 30399

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

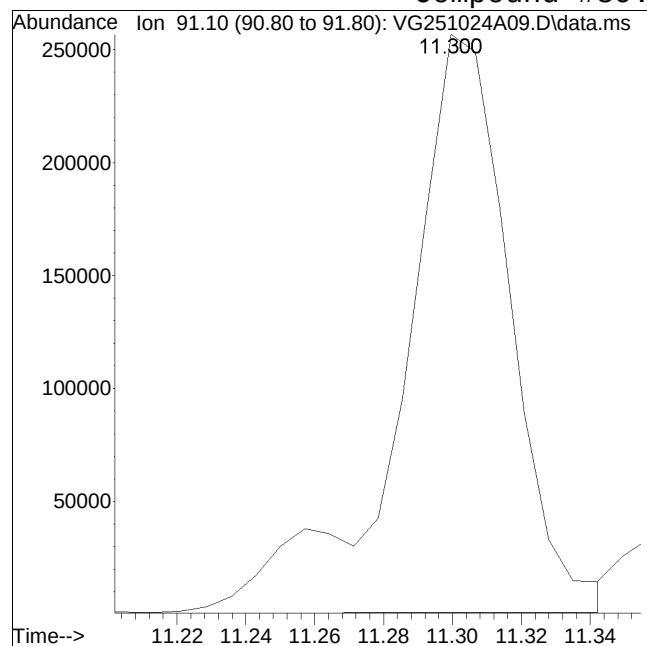


Manual Peak Response = 30398 M6

Manual Integration Report

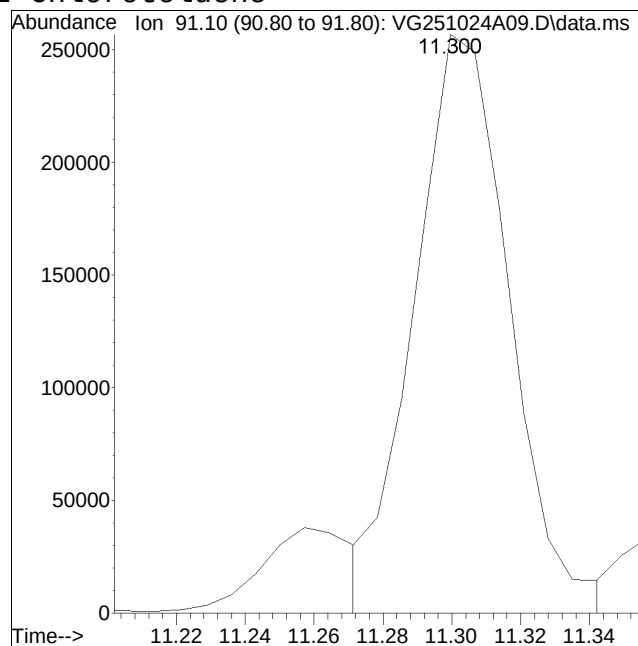
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Data File : VG251024A09.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 3:48 pm Instrument : Gonzo
Sample : I8260STD10PPB Quant Date : 10/26/2025 12:20 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 554074

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

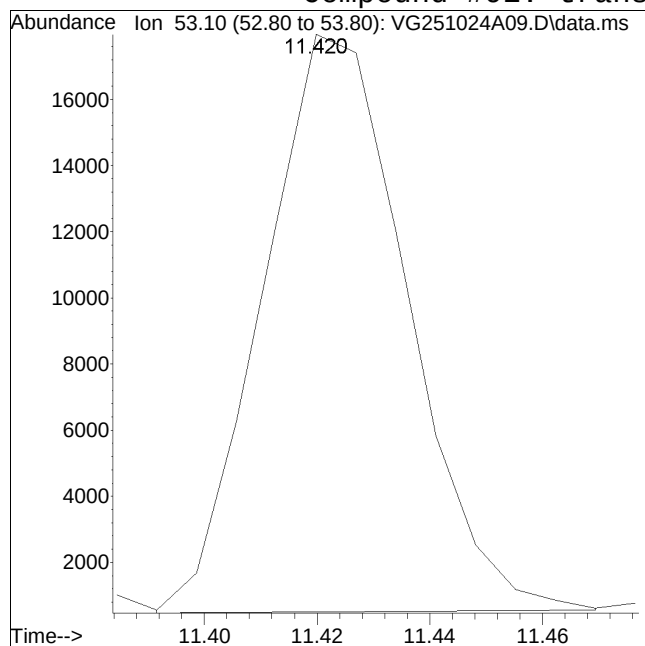


Manual Peak Response = 489862 M6

Manual Integration Report

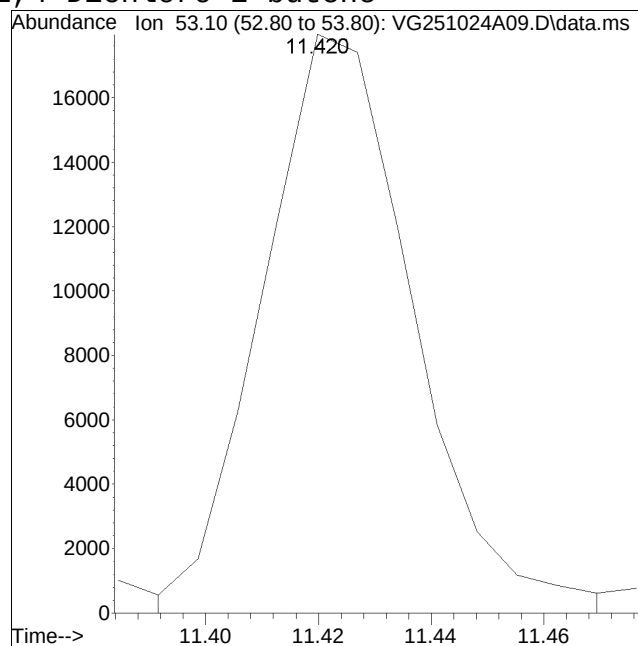
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A09.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 3:48 pm Instrument : Gonzo
Sample : I8260STD10PPB Quant Date : 10/26/2025 12:20 pm

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 30948

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



Manual Peak Response = 33369 M1

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A10.D
 Acq On : 24 Oct 2025 4:14 pm
 Operator : GONZO:PID
 Sample : I8260STD30PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 26 12:26:57 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.950	96	544738	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery	=	107.38%	
59) Chlorobenzene-d5	9.477	117	432986	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery	=	108.15%	
79) 1,4-Dichlorobenzene-d4	12.198	152	309043	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery	=	125.61%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	142204	10.078	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.78%	
43) 1,2-Dichloroethane-d4	5.674	65	148148	9.240	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	92.40%	
60) Toluene-d8	7.636	98	560257	10.038	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.38%	
83) 4-Bromofluorobenzene	10.981	95	208865	8.659	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	86.59%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.614	85	454437	36.104	ug/L	99
3) Chloromethane	1.806	50	571672	29.168	ug/L	99
4) Vinyl chloride	1.870	62	531113	31.965	ug/L	99
5) Bromomethane	2.176	94	333897	27.660	ug/L	98
6) Chloroethane	2.269	64	297076	26.090	ug/L	100
7) Trichlorofluoromethane	2.418	101	636996	34.853	ug/L	100
8) Ethyl ether	2.717	74	199555	31.965	ug/L	97
10) 1,1-Dichloroethene	2.916	96	374458	33.465	ug/L	98
11) Carbon disulfide	2.944	76	1197472	31.205	ug/L	99
12) Freon-113	2.944	101	403116	37.824	ug/L	76
13) Iodomethane	3.051	142	389482	45.976	ug/L	100
14) Acrolein	3.236	56	43989	31.987	ug/L	# 80
15) Methylene chloride	3.464	84	413923	29.056	ug/L	99
17) Acetone	3.506	43	80790	33.887	ug/L	99
18) trans-1,2-Dichloroethene	3.613	96	415368	30.373	ug/L	99
19) Methyl acetate	3.620	43	187288	32.038	ug/L	99
20) Methyl tert-butyl ether	3.698	73	957034	31.757	ug/L	98
21) tert-Butyl alcohol	3.798	59	113918	159.587	ug/L	93
22) Diisopropyl ether	4.054	45	1563516	31.833	ug/L	99
23) 1,1-Dichloroethane	4.189	63	833741	29.384	ug/L	99
24) Halothane	4.246	117	341845	32.975	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A10.D
 Acq On : 24 Oct 2025 4:14 pm
 Operator : GONZO:PID
 Sample : I8260STD30PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 26 12:26:57 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	4.239	53	101210	32.391	ug/L	98
26) Ethyl tert-butyl ether	4.396	59	1252147	33.073	ug/L	99
27) Vinyl acetate	4.424	43	930119	33.582	ug/L	99
28) cis-1,2-Dichloroethene	4.709	96	456978	29.148	ug/L	95
29) 2,2-Dichloropropane	4.801	77	597534	31.299	ug/L	99
30) Bromochloromethane	4.901	128	200497	28.002	ug/L	99
31) Cyclohexane	4.894	56	877772	38.101	ug/L	98
32) Chloroform	4.972	83	742734	30.451	ug/L	98
33) Ethyl acetate	5.079	43	305982	32.912	ug/L	97
34) Carbon tetrachloride	5.100	117	629835	32.957	ug/L	99
35) Tetrahydrofuran	5.121	42	96186M6	31.254	ug/L	
37) 1,1,1-Trichloroethane	5.164	97	667356	32.116	ug/L	98
39) 2-Butanone	5.264	43	125056	31.571	ug/L	99
40) 1,1-Dichloropropene	5.285	75	557468	33.430	ug/L	100
41) Benzene	5.533	78	1708434	30.571	ug/L	99
42) tert-Amyl methyl ether	5.632	73	976915	32.980	ug/L	98
44) 1,2-Dichloroethane	5.738	62	527942	30.159	ug/L	99
47) Methyl cyclohexane	6.105	83	801243	39.333	ug/L	99
48) Trichloroethene	6.126	95	460380	30.669	ug/L	99
50) Dibromomethane	6.571	93	219586	30.849	ug/L	100
51) 1,2-Dichloropropane	6.669	63	471079	30.244	ug/L	99
53) 2-Chloroethyl vinyl ether	7.368	63	120277	36.849	ug/L	93
54) Bromodichloromethane	6.747	83	572198	30.289	ug/L	99
57) 1,4-Dioxane	6.952	88	50987	677.368	ug/L	97
58) cis-1,3-Dichloropropene	7.431	75	671718	31.838	ug/L	98
61) Toluene	7.692	92	1101551	30.402	ug/L	100
62) 4-Methyl-2-pentanone	8.130	58	101474	35.013	ug/L	98
63) Tetrachloroethene	8.137	166	536814	32.152	ug/L	99
65) trans-1,3-Dichloropropene	8.186	75	563615	32.086	ug/L	99
67) Ethyl methacrylate	8.363	69	383599	34.482	ug/L	94
68) 1,1,2-Trichloroethane	8.370	83	268120	30.858	ug/L	99
69) Chlorodibromomethane	8.581	129	432279	31.408	ug/L	99
70) 1,3-Dichloropropane	8.687	76	543826	30.457	ug/L	100
71) 1,2-Dibromoethane	8.850	107	318314	31.659	ug/L #	100
72) 2-Hexanone	9.139	43	185245	33.965	ug/L	98
73) Chlorobenzene	9.499	112	1301103	30.052	ug/L	100
74) Ethylbenzene	9.534	91	2202216	31.138	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.583	131	478061	31.262	ug/L	98
76) p/m Xylene	9.717	106	1739281	61.626	ug/L	99
77) o Xylene	10.261	106	1703605	61.213	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A10.D
 Acq On : 24 Oct 2025 4:14 pm
 Operator : GONZO:PID
 Sample : I8260STD30PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 26 12:26:57 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78)	Styrene	10.331	104	2884077	62.186	ug/L	99
80)	Bromoform	10.367	173	285008	28.053	ug/L	99
82)	Isopropylbenzene	10.649	105	2325082	27.965	ug/L	100
84)	Bromobenzene	11.088	156	577445	25.562	ug/L	98
85)	n-Propylbenzene	11.130	91	2763424	27.491	ug/L	99
86)	1,4-Dichlorobutane	11.158	55	648948	26.578	ug/L	100
87)	1,1,2,2-Tetrachloroethane	11.236	83	430931	29.341	ug/L	100
88)	4-Ethyltoluene	11.257	105	2535390	30.277	ug/L	100
89)	2-Chlorotoluene	11.300	91	1781467M1	28.953	ug/L	
90)	1,3,5-Trimethylbenzene	11.356	105	2219445	31.017	ug/L	99
91)	1,2,3-Trichloropropane	11.370	75	354536	31.335	ug/L	99
92)	trans-1,4-Dichloro-2-b...	11.420	53	130392	31.110	ug/L	91
93)	4-Chlorotoluene	11.491	91	1913853	30.947	ug/L	98
94)	tert-Butylbenzene	11.696	119	1993122	32.956	ug/L	99
97)	1,2,4-Trimethylbenzene	11.781	105	2115318	31.597	ug/L	100
98)	sec-Butylbenzene	11.887	105	2923172	32.779	ug/L	100
99)	p-Isopropyltoluene	12.042	119	2504233	32.865	ug/L	100
100)	1,3-Dichlorobenzene	12.113	146	1327793	30.328	ug/L	99
101)	1,4-Dichlorobenzene	12.212	146	1305443	30.117	ug/L	99
102)	p-Diethylbenzene	12.417	119	1415545	33.387	ug/L	100
103)	n-Butylbenzene	12.474	91	1964543	32.934	ug/L	98
104)	1,2-Dichlorobenzene	12.630	146	1184843	30.198	ug/L	99
105)	1,2,4,5-Tetramethylben...	13.217	119	1475700	35.374	ug/L	100
106)	1,2-Dibromo-3-chloropr...	13.415	155	60335	27.871	ug/L	95
107)	1,3,5-Trichlorobenzene	13.443	180	678651	28.089	ug/L	99
108)	Hexachlorobutadiene	14.009	225	281425	29.613	ug/L	98
109)	1,2,4-Trichlorobenzene	14.044	180	468809	29.335	ug/L	100
110)	Naphthalene	14.334	128	659618	32.692	ug/L	100
111)	1,2,3-Trichlorobenzene	14.504	180	327294	29.313	ug/L	99

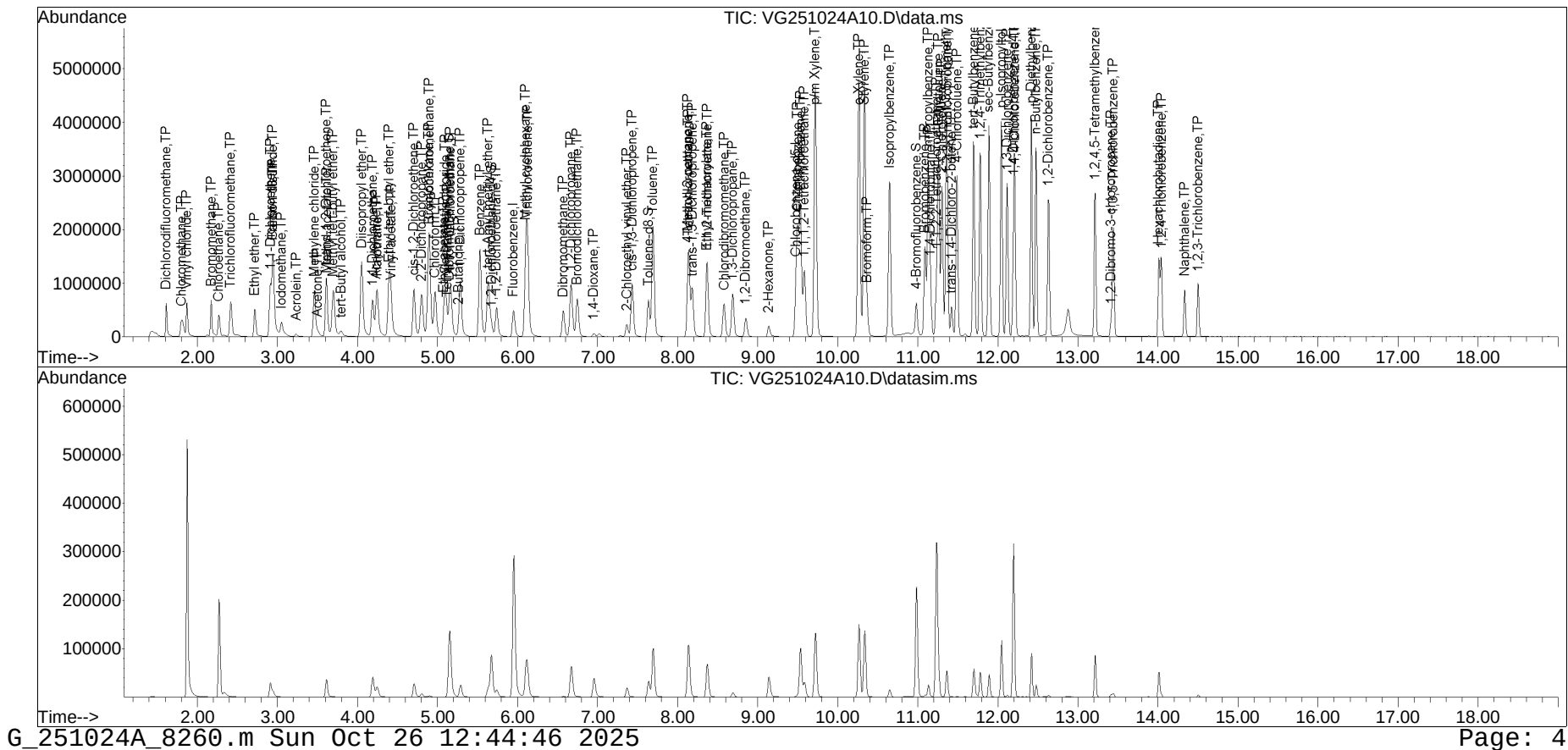
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

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Data Path   : K:\Gonzo\2025\251024ICAL\
Data File   : VG251024A10.D
Acq On      : 24 Oct 2025    4:14 pm
Operator    : GONZO:PID
Sample      : I8260STD30PPB
Misc        : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial    : 10    Sample Multiplier: 1
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Quant Time: Oct 26 12:26:57 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

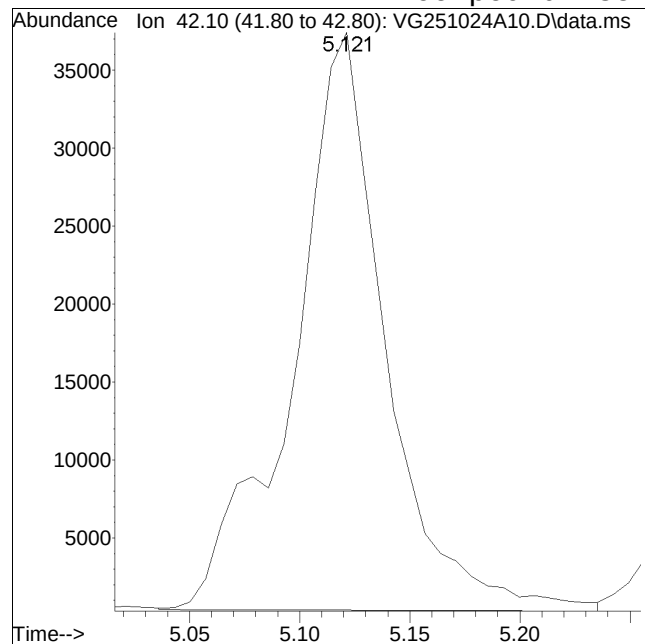
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



Manual Integration Report

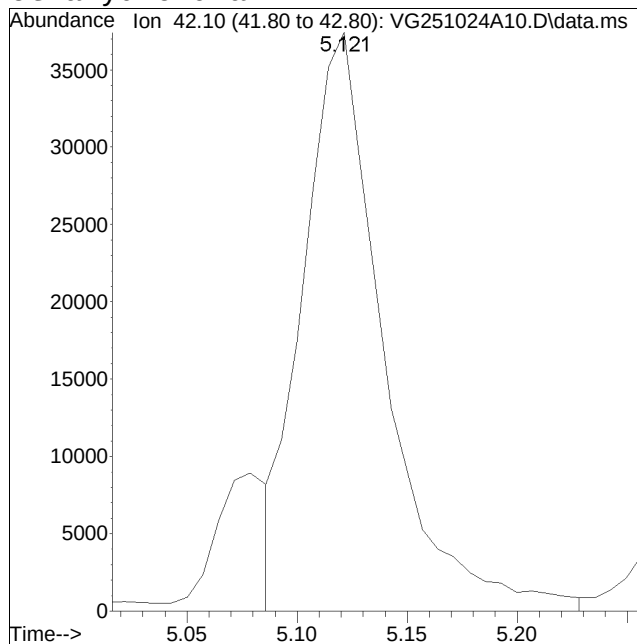
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A10.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 4:14 pm Instrument : Gonzo
Sample : I8260STD30PPB Quant Date : 10/26/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 107289

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

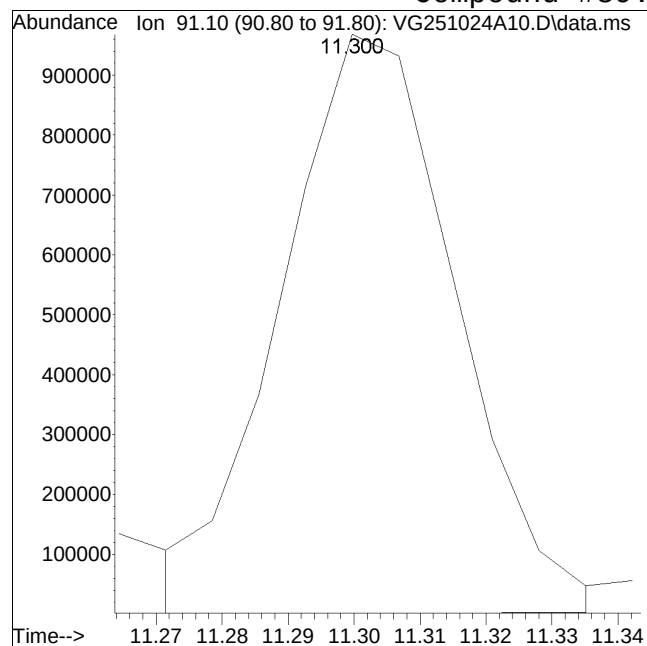


Manual Peak Response = 96186 M6

Manual Integration Report

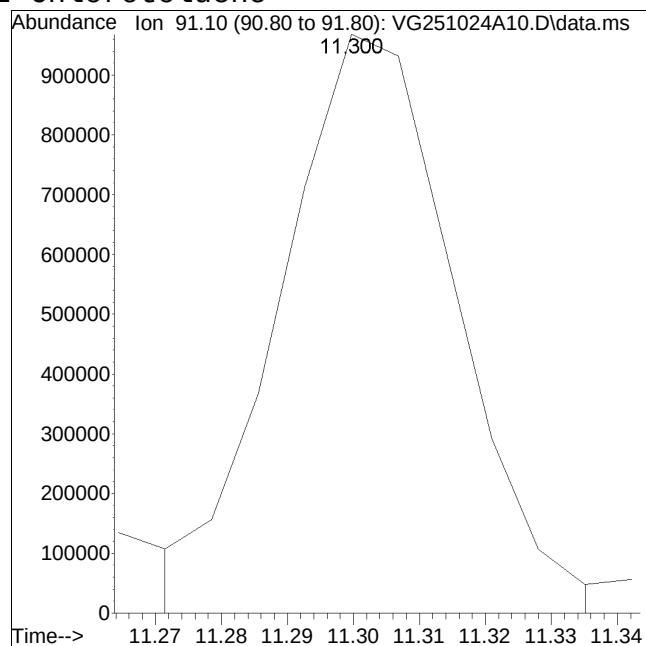
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A10.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 4:14 pm Instrument : Gonzo
Sample : I8260STD30PPB Quant Date : 10/26/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 1771856

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



Manual Peak Response = 1781467 M1

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A11.D
 Acq On : 24 Oct 2025 4:41 pm
 Operator : GONZO:PID
 Sample : I8260STD80PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 26 12:28:04 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.950	96	565757	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery	=	111.52%	
59) Chlorobenzene-d5	9.477	117	445851	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery	=	111.37%	
79) 1,4-Dichlorobenzene-d4	12.198	152	274121	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery	=	111.41%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	145590	9.935	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	99.35%	
43) 1,2-Dichloroethane-d4	5.667	65	154055	9.252	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	92.52%	
60) Toluene-d8	7.636	98	574295	9.993	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	99.93%	
83) 4-Bromofluorobenzene	10.981	95	216828	10.135	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	101.35%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.614	85	1138876	87.119	ug/L	99
3) Chloromethane	1.813	50	1518708	74.609	ug/L	100
4) Vinyl chloride	1.877	62	1378478	79.881	ug/L	100
5) Bromomethane	2.176	94	881978	70.349	ug/L	99
6) Chloroethane	2.269	64	682078	57.677	ug/L	99
7) Trichlorofluoromethane	2.418	101	1653688	87.119	ug/L	100
8) Ethyl ether	2.724	74	560735	86.482	ug/L	97
10) 1,1-Dichloroethene	2.916	96	1005292	86.504	ug/L	99
11) Carbon disulfide	2.944	76	3259272	81.778	ug/L	99
12) Freon-113	2.951	101	1000297	90.369	ug/L	87
13) Iodomethane	3.051	142	1304439	148.261	ug/L	98
14) Acrolein	3.236	56	130531	91.392	ug/L	# 84
15) Methylene chloride	3.464	84	1148828	77.647	ug/L	98
17) Acetone	3.506	43	241088	97.365	ug/L	98
18) trans-1,2-Dichloroethene	3.613	96	1131948	79.696	ug/L	99
19) Methyl acetate	3.620	43	552331	90.972	ug/L	98
20) Methyl tert-butyl ether	3.699	73	2782244	88.892	ug/L	97
21) tert-Butyl alcohol	3.798	59	350674	473.006	ug/L	95
22) Diisopropyl ether	4.054	45	4444117	87.121	ug/L	98
23) 1,1-Dichloroethane	4.189	63	2287400	77.621	ug/L	99
24) Halothane	4.246	117	903507	83.916	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A11.D
 Acq On : 24 Oct 2025 4:41 pm
 Operator : GONZO:PID
 Sample : I8260STD80PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 26 12:28:04 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	4.239	53	296135	91.254	ug/L	97
26) Ethyl tert-butyl ether	4.403	59	3639048	92.547	ug/L	96
27) Vinyl acetate	4.417	43	2449403	85.151	ug/L	100
28) cis-1,2-Dichloroethene	4.709	96	1281628	78.711	ug/L	95
29) 2,2-Dichloropropane	4.801	77	1555098	78.431	ug/L	99
30) Bromochloromethane	4.901	128	519493	69.859	ug/L	97
31) Cyclohexane	4.894	56	2204127	92.119	ug/L	99
32) Chloroform	4.972	83	2040349	80.543	ug/L	98
33) Ethyl acetate	5.072	43	874676	90.587	ug/L	99
34) Carbon tetrachloride	5.100	117	1648397	83.050	ug/L	97
35) Tetrahydrofuran	5.121	42	265200M6	82.970	ug/L	
37) 1,1,1-Trichloroethane	5.164	97	1760525	81.577	ug/L	98
39) 2-Butanone	5.257	43	378793	92.076	ug/L	97
40) 1,1-Dichloropropene	5.285	75	1480468	85.481	ug/L	99
41) Benzene	5.533	78	4680366	80.639	ug/L	99
42) tert-Amyl methyl ether	5.632	73	2844649	92.466	ug/L	95
44) 1,2-Dichloroethane	5.738	62	1451329	79.827	ug/L	100
47) Methyl cyclohexane	6.105	83	2009200	94.967	ug/L	98
48) Trichloroethene	6.126	95	1243583	79.766	ug/L	99
50) Dibromomethane	6.571	93	615968	83.320	ug/L	99
51) 1,2-Dichloropropane	6.669	63	1305823	80.722	ug/L	99
53) 2-Chloroethyl vinyl ether	7.368	63	254355	75.030	ug/L	93
54) Bromodichloromethane	6.747	83	1609556	82.036	ug/L	99
57) 1,4-Dioxane	6.952	88	73511	940.319	ug/L	97
58) cis-1,3-Dichloropropene	7.431	75	1889704	86.242	ug/L	97
61) Toluene	7.692	92	3035392	81.357	ug/L	99
62) 4-Methyl-2-pentanone	8.130	58	304344	101.982	ug/L	95
63) Tetrachloroethene	8.137	166	1411649	82.109	ug/L	98
65) trans-1,3-Dichloropropene	8.179	75	1580276	87.367	ug/L	99
67) Ethyl methacrylate	8.363	69	1131227	98.753	ug/L	92
68) 1,1,2-Trichloroethane	8.370	83	758206	84.745	ug/L	99
69) Chlorodibromomethane	8.581	129	1248658	88.107	ug/L	98
70) 1,3-Dichloropropane	8.687	76	1530359	83.234	ug/L	99
71) 1,2-Dibromoethane	8.850	107	892882	86.242	ug/L #	100
72) 2-Hexanone	9.132	43	561336	99.951	ug/L	95
73) Chlorobenzene	9.499	112	3575170	80.193	ug/L	100
74) Ethylbenzene	9.534	91	5991832	82.276	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.583	131	1337341	84.928	ug/L	99
76) p/m Xylene	9.724	106	4776834	164.367	ug/L	98
77) o Xylene	10.268	106	4726016	164.913	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A11.D
 Acq On : 24 Oct 2025 4:41 pm
 Operator : GONZO:PID
 Sample : I8260STD80PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 26 12:28:04 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78)	Styrene	10.338	104	8132300	170.288	ug/L	97
80)	Bromoform	10.367	173	812696	90.184	ug/L	99
82)	Isopropylbenzene	10.649	105	6220385	84.347	ug/L	100
84)	Bromobenzene	11.095	156	1575641	78.634	ug/L	99
85)	n-Propylbenzene	11.130	91	7245809	81.265	ug/L	99
86)	1,4-Dichlorobutane	11.158	55	1804541	83.322	ug/L	100
87)	1,1,2,2-Tetrachloroethane	11.236	83	1055797	81.045	ug/L	99
88)	4-Ethyltoluene	11.257	105	6051039	81.465	ug/L	100
89)	2-Chlorotoluene	11.307	91	4271655M6	78.268	ug/L	
90)	1,3,5-Trimethylbenzene	11.356	105	5198611	81.906	ug/L	99
91)	1,2,3-Trichloropropane	11.370	75	866588M1	86.348	ug/L	
92)	trans-1,4-Dichloro-2-b...	11.420	53	331033	89.041	ug/L	92
93)	4-Chlorotoluene	11.491	91	4490462	81.861	ug/L	99
94)	tert-Butylbenzene	11.703	119	4448452	82.924	ug/L	100
97)	1,2,4-Trimethylbenzene	11.781	105	5038884	84.856	ug/L	100
98)	sec-Butylbenzene	11.887	105	6598573	83.419	ug/L	99
99)	p-Isopropyltoluene	12.042	119	5696576	84.285	ug/L	100
100)	1,3-Dichlorobenzene	12.113	146	3141530	80.896	ug/L	100
101)	1,4-Dichlorobenzene	12.212	146	3120532	81.164	ug/L	98
102)	p-Diethylbenzene	12.417	119	3268840	86.920	ug/L	100
103)	n-Butylbenzene	12.474	91	4560829	86.199	ug/L	99
104)	1,2-Dichlorobenzene	12.637	146	2791867	80.222	ug/L	98
105)	1,2,4,5-Tetramethylben...	13.217	119	3769461	101.868	ug/L	100
106)	1,2-Dibromo-3-chloropr...	13.415	155	178271	92.840	ug/L	98
107)	1,3,5-Trichlorobenzene	13.443	180	1800696	84.023	ug/L	99
108)	Hexachlorobutadiene	14.009	225	720841	85.514	ug/L	98
109)	1,2,4-Trichlorobenzene	14.037	180	1312706	92.606	ug/L	100
110)	Naphthalene	14.334	128	2027782	113.306	ug/L	100
111)	1,2,3-Trichlorobenzene	14.504	180	950850	96.010	ug/L	100

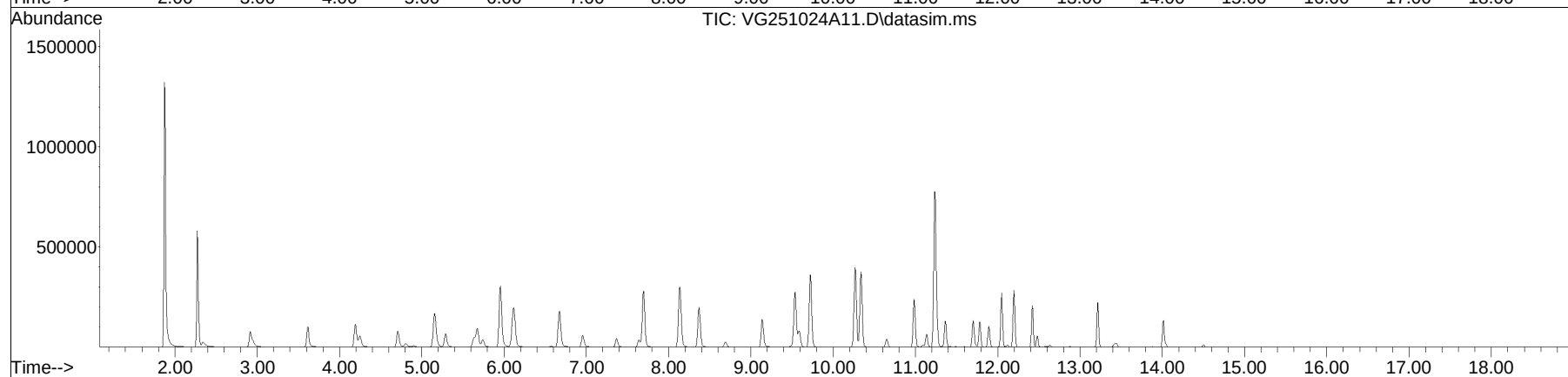
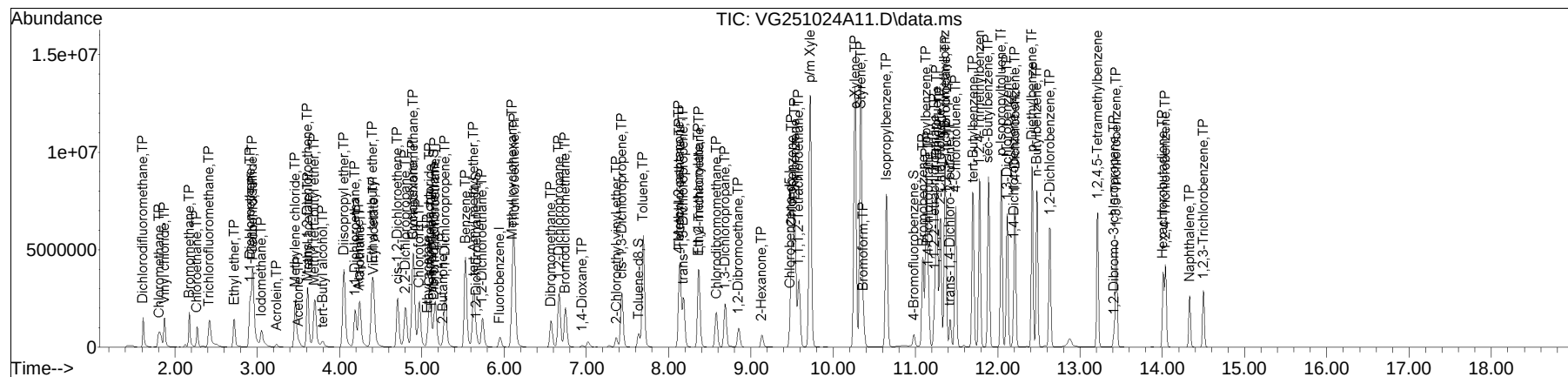
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A11.D
 Acq On : 24 Oct 2025 4:41 pm
 Operator : GONZO:PID
 Sample : I8260STD80PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 26 12:28:04 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

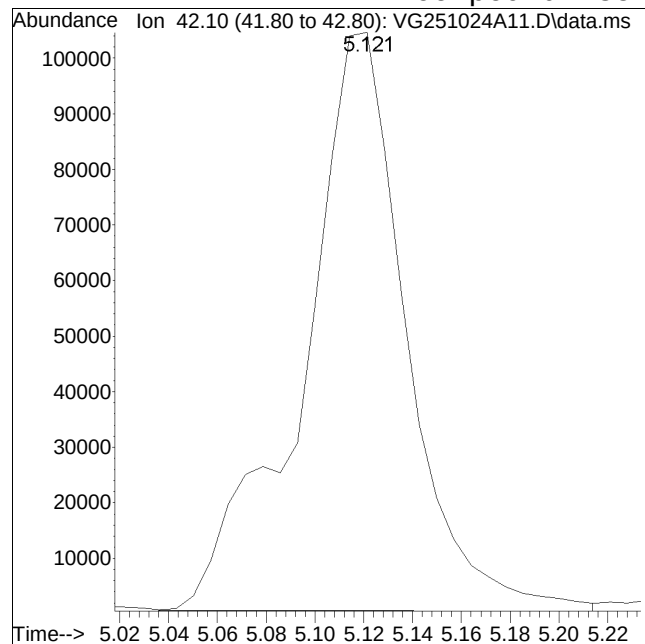
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



Manual Integration Report

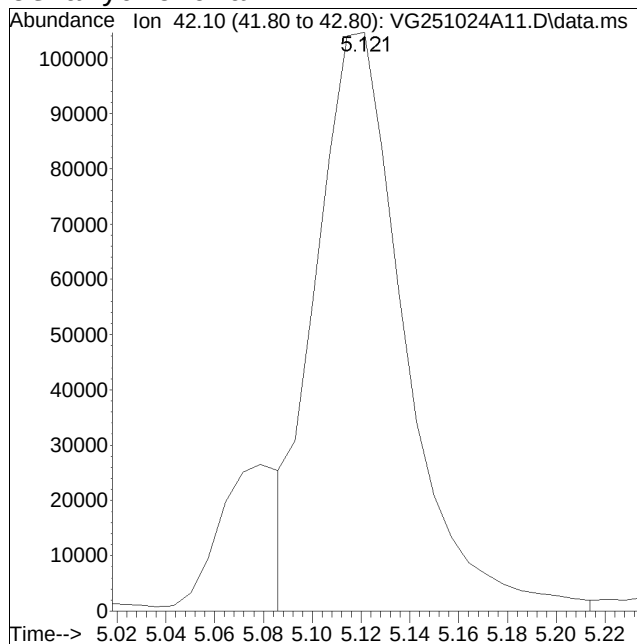
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A11.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 4:41 pm Instrument : Gonzo
Sample : I8260STD80PPB Quant Date : 10/26/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 306075

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

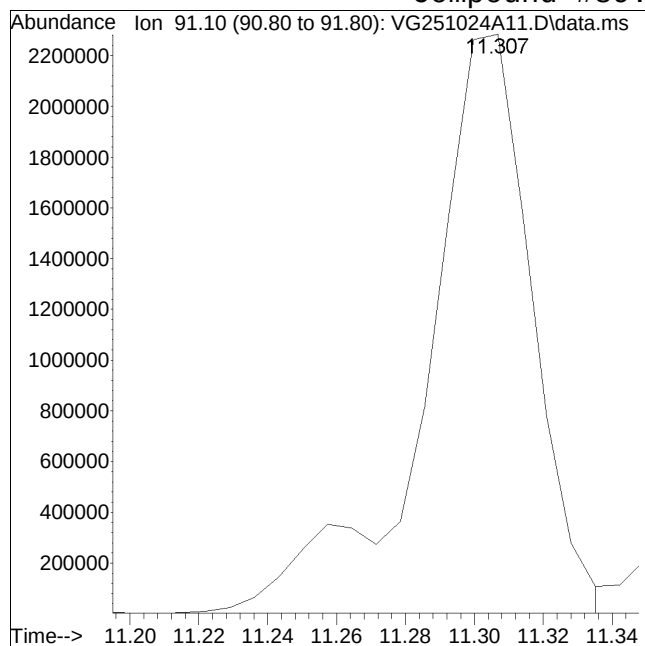


Manual Peak Response = 265200 M6

Manual Integration Report

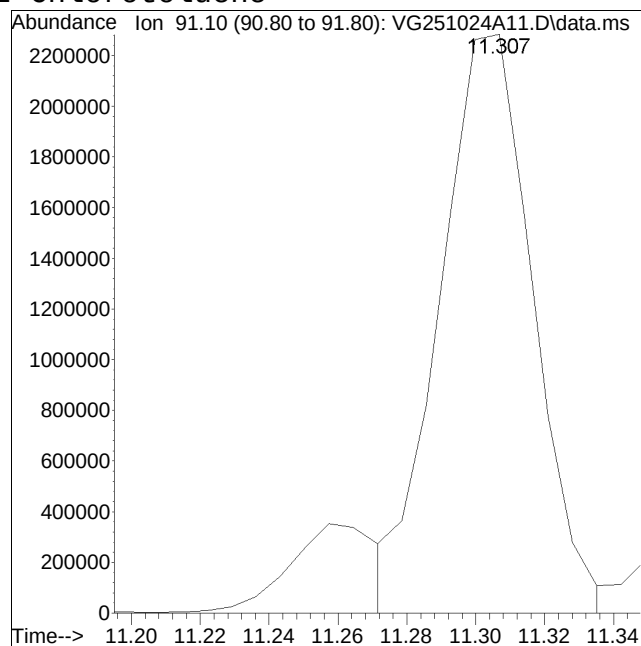
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A11.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 4:41 pm Instrument : Gonzo
Sample : I8260STD80PPB Quant Date : 10/26/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 4872829

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

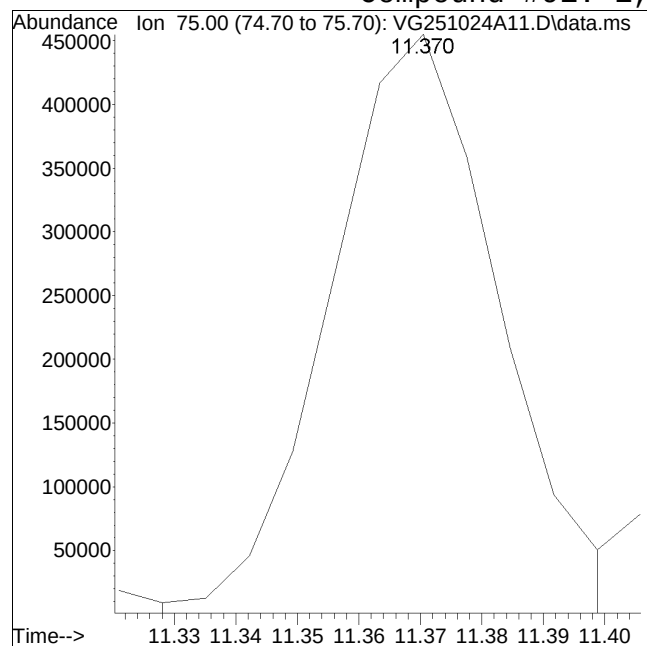


Manual Peak Response = 4271655 M6

Manual Integration Report

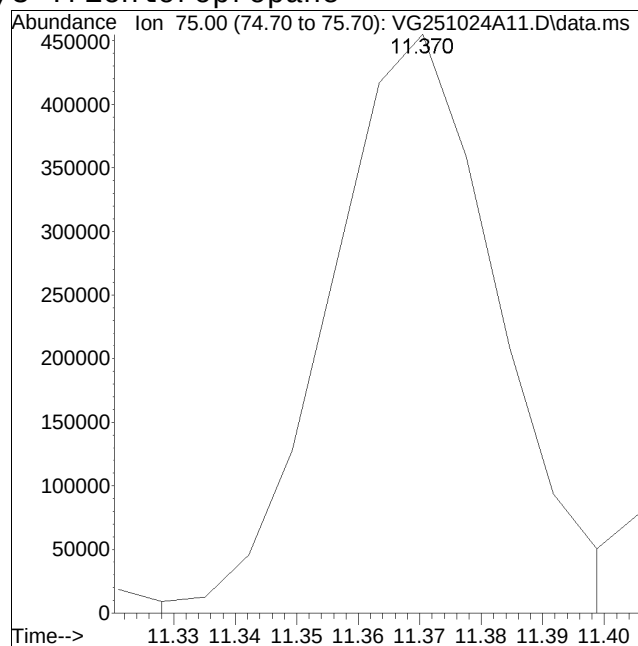
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A11.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 4:41 pm Instrument : Gonzo
Sample : I8260STD80PPB Quant Date : 10/26/2025 12:22 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 862083

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



Manual Peak Response = 866588 M1

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A12.D
 Acq On : 24 Oct 2025 5:08 pm
 Operator : GONZO:PID
 Sample : I8260STD120PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 26 12:29:54 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.949	96	578063	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery	=	113.95%	
59) Chlorobenzene-d5	9.477	117	460941	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery	=	115.14%	
79) 1,4-Dichlorobenzene-d4	12.198	152	283388	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery	=	115.18%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.149	113	147511	9.852	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	98.52%	
43) 1,2-Dichloroethane-d4	5.674	65	160761	9.449	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	94.49%	
60) Toluene-d8	7.636	98	588642	9.907	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	99.07%	
83) 4-Bromofluorobenzene	10.981	95	221242	10.003	ug/L	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	100.03%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.614	85	1875084	140.382	ug/L	99
3) Chloromethane	1.813	50	2379577	114.412	ug/L	100
4) Vinyl chloride	1.870	62	2201994	124.886	ug/L	100
5) Bromomethane	2.176	94	1452757	113.409	ug/L	99
6) Chloroethane	2.268	64	758815	62.800	ug/L	99
7) Trichlorofluoromethane	2.418	101	2725974	140.552	ug/L	100
8) Ethyl ether	2.723	74	876964	132.374	ug/L	97
10) 1,1-Dichloroethene	2.916	96	1631879	137.432	ug/L	99
11) Carbon disulfide	2.944	76	5204713	127.810	ug/L	99
12) Freon-113	2.944	101	1662630	147.009	ug/L	82
13) Iodomethane	3.051	142	1943970	216.245	ug/L	100
14) Acrolein	3.236	56	205935	141.117	ug/L	# 82
15) Methylene chloride	3.463	84	1776110	117.488	ug/L	97
17) Acetone	3.506	43	378531	149.619	ug/L	98
18) trans-1,2-Dichloroethene	3.613	96	1788559	123.244	ug/L	99
19) Methyl acetate	3.620	43	873177	140.755	ug/L	99
20) Methyl tert-butyl ether	3.698	73	4384293	137.096	ug/L	97
21) tert-Butyl alcohol	3.798	59	561845	741.710	ug/L	96
22) Diisopropyl ether	4.054	45	6908010	132.539	ug/L	98
23) 1,1-Dichloroethane	4.189	63	3561229	118.274	ug/L	99
24) Halothane	4.246	117	1447518	131.581	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A12.D
 Acq On : 24 Oct 2025 5:08 pm
 Operator : GONZO:PID
 Sample : I8260STD120PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 26 12:29:54 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	4.239	53	457296	137.916	ug/L	97
26) Ethyl tert-butyl ether	4.402	59	5705916	142.022	ug/L	96
27) Vinyl acetate	4.417	43	3869056	131.640	ug/L	99
28) cis-1,2-Dichloroethene	4.708	96	1987180	119.445	ug/L	95
29) 2,2-Dichloropropane	4.801	77	2483478	122.588	ug/L	99
30) Bromochloromethane	4.900	128	805768	106.050	ug/L	96
31) Cyclohexane	4.893	56	3725055	152.371	ug/L	99
32) Chloroform	4.972	83	3177955	122.779	ug/L	98
33) Ethyl acetate	5.071	43	1369820	138.847	ug/L	99
34) Carbon tetrachloride	5.100	117	2678710	132.086	ug/L	98
35) Tetrahydrofuran	5.114	42	411017M6	125.853	ug/L	
37) 1,1,1-Trichloroethane	5.164	97	2850997	129.293	ug/L	98
39) 2-Butanone	5.256	43	590963	140.592	ug/L	99
40) 1,1-Dichloropropene	5.285	75	2393089	135.234	ug/L	99
41) Benzene	5.533	78	7357910	124.072	ug/L	99
42) tert-Amyl methyl ether	5.632	73	4485402	142.695	ug/L	94
44) 1,2-Dichloroethane	5.738	62	2240888	120.630	ug/L	100
47) Methyl cyclohexane	6.112	83	3434984	158.901	ug/L	98
48) Trichloroethene	6.126	95	1996484	125.332	ug/L	100
50) Dibromomethane	6.570	93	957332	126.739	ug/L	99
51) 1,2-Dichloropropane	6.669	63	2019784	122.199	ug/L	99
53) 2-Chloroethyl vinyl ether	7.367	63	398211	114.965	ug/L	95
54) Bromodichloromethane	6.747	83	2515127	125.463	ug/L	99
57) 1,4-Dioxane	6.951	88	121126	1516.404	ug/L	94
58) cis-1,3-Dichloropropene	7.431	75	2926112	130.698	ug/L	98
61) Toluene	7.692	92	4809345	124.684	ug/L	99
62) 4-Methyl-2-pentanone	8.129	58	480464	155.727	ug/L	94
63) Tetrachloroethene	8.137	166	2322101	130.643	ug/L	98
65) trans-1,3-Dichloropropene	8.186	75	2470012	132.086	ug/L	99
67) Ethyl methacrylate	8.362	69	1782019	150.473	ug/L	92
68) 1,1,2-Trichloroethane	8.369	83	1178583	127.419	ug/L	99
69) Chlorodibromomethane	8.581	129	1968501	134.353	ug/L	98
70) 1,3-Dichloropropane	8.687	76	2377382	125.070	ug/L	100
71) 1,2-Dibromoethane	8.849	107	1392729	130.118	ug/L #	100
72) 2-Hexanone	9.131	43	877885	151.198	ug/L	94
73) Chlorobenzene	9.498	112	5602082	121.544	ug/L	99
74) Ethylbenzene	9.534	91	9691729	128.724	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.583	131	2112028	129.734	ug/L	99
76) p/m Xylene	9.724	106	7790920	259.303	ug/L	98
77) o Xylene	10.267	106	7581784	255.903	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A12.D
 Acq On : 24 Oct 2025 5:08 pm
 Operator : GONZO:PID
 Sample : I8260STD120PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 26 12:29:54 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78)	Styrene	10.338	104	13115181	265.638	ug/L	97
80)	Bromoform	10.366	173	1293674	138.863	ug/L	99
82)	Isopropylbenzene	10.649	105	10247814	134.414	ug/L	99
84)	Bromobenzene	11.094	156	2512077	121.269	ug/L	100
85)	n-Propylbenzene	11.137	91	11988119	130.056	ug/L	99
86)	1,4-Dichlorobutane	11.158	55	2851578	127.361	ug/L	100
87)	1,1,2,2-Tetrachloroethane	11.236	83	1678355	124.621	ug/L	100
88)	4-Ethyltoluene	11.264	105	9994431	130.155	ug/L	100
89)	2-Chlorotoluene	11.306	91	7012245M6	124.282	ug/L	
90)	1,3,5-Trimethylbenzene	11.363	105	8605944	131.156	ug/L	99
91)	1,2,3-Trichloropropane	11.370	75	1367682	131.821	ug/L	100
92)	trans-1,4-Dichloro-2-b...	11.427	53	525245	136.660	ug/L	90
93)	4-Chlorotoluene	11.490	91	7246615	127.786	ug/L	98
94)	tert-Butylbenzene	11.703	119	7426316	133.908	ug/L	99
97)	1,2,4-Trimethylbenzene	11.780	105	8296766	135.150	ug/L	99
98)	sec-Butylbenzene	11.894	105	11087439	135.583	ug/L	100
99)	p-Isopropyltoluene	12.049	119	9523381	136.298	ug/L	99
100)	1,3-Dichlorobenzene	12.120	146	5021359	125.074	ug/L	99
101)	1,4-Dichlorobenzene	12.212	146	4986329	125.452	ug/L	99
102)	p-Diethylbenzene	12.417	119	5515863	141.873	ug/L	99
103)	n-Butylbenzene	12.481	91	7805589	142.701	ug/L	99
104)	1,2-Dichlorobenzene	12.636	146	4474964	124.380	ug/L	99
105)	1,2,4,5-Tetramethylben...	13.216	119	6495133	169.788	ug/L	100
106)	1,2-Dibromo-3-chloropr...	13.414	155	280696	141.400	ug/L	97
107)	1,3,5-Trichlorobenzene	13.443	180	2895266	130.680	ug/L	99
108)	Hexachlorobutadiene	14.016	225	1198880	137.573	ug/L	98
109)	1,2,4-Trichlorobenzene	14.044	180	2103547	143.544	ug/L	99
110)	Naphthalene	14.334	128	3375750	182.458	ug/L	100
111)	1,2,3-Trichlorobenzene	14.504	180	1478462	144.403	ug/L	99

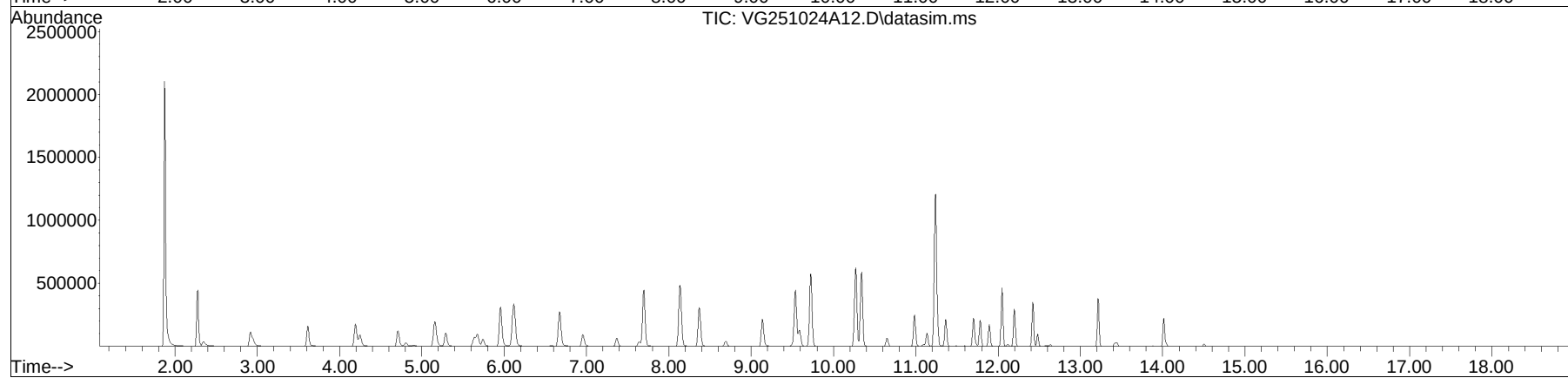
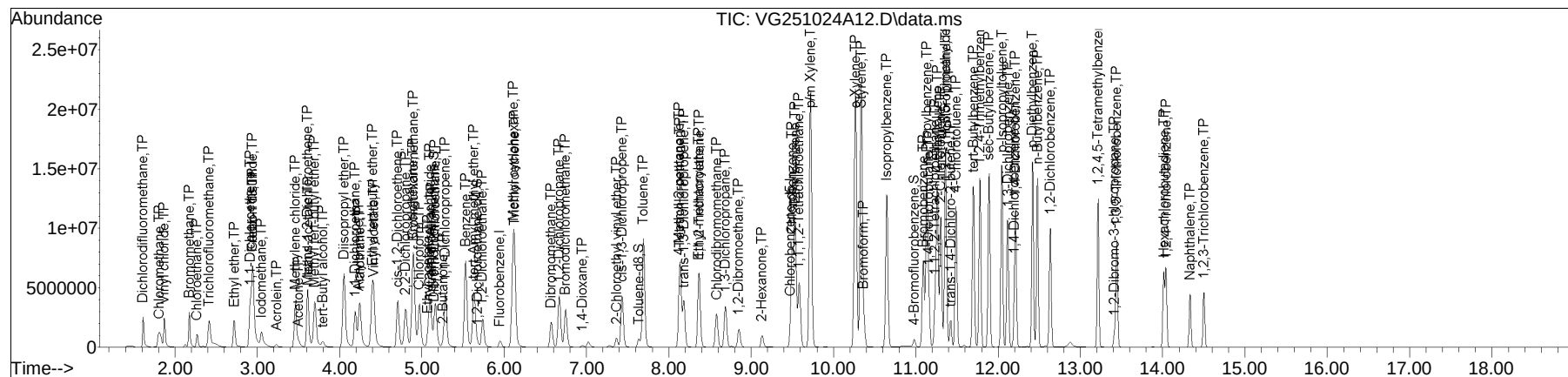
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A12.D
 Acq On : 24 Oct 2025 5:08 pm
 Operator : GONZO:PID
 Sample : I8260STD120PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 26 12:29:54 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

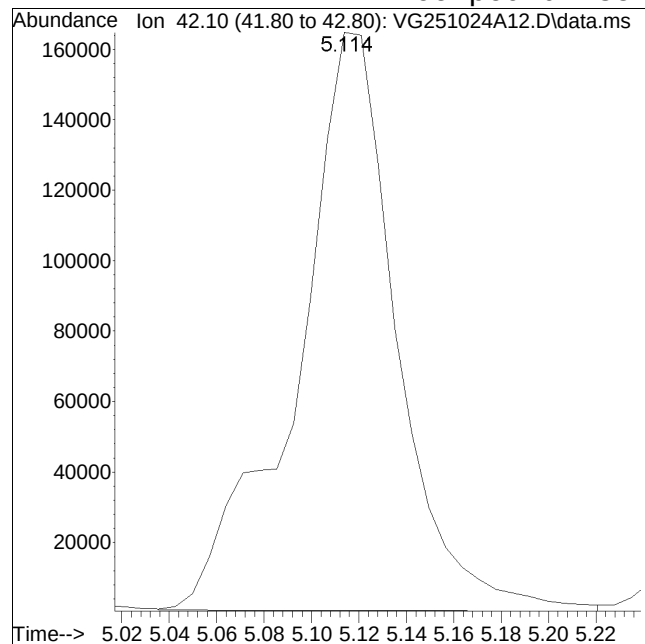
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



Manual Integration Report

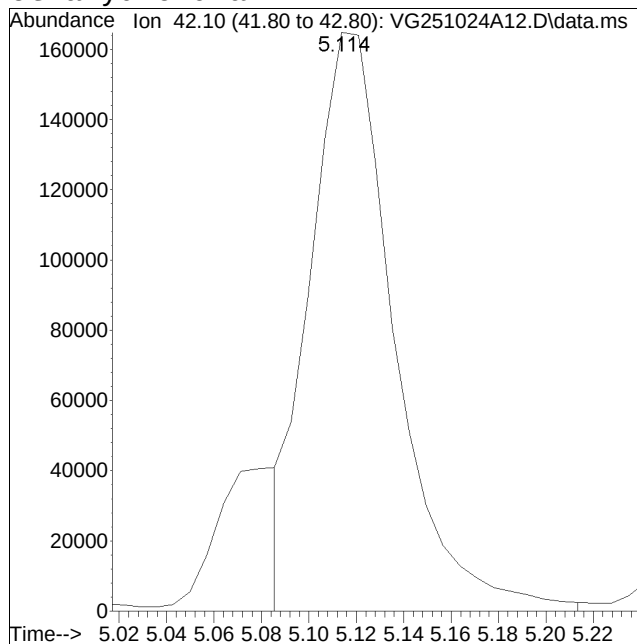
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A12.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 5:08 pm Instrument : Gonzo
Sample : I8260STD120PPB Quant Date : 10/26/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 479006

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

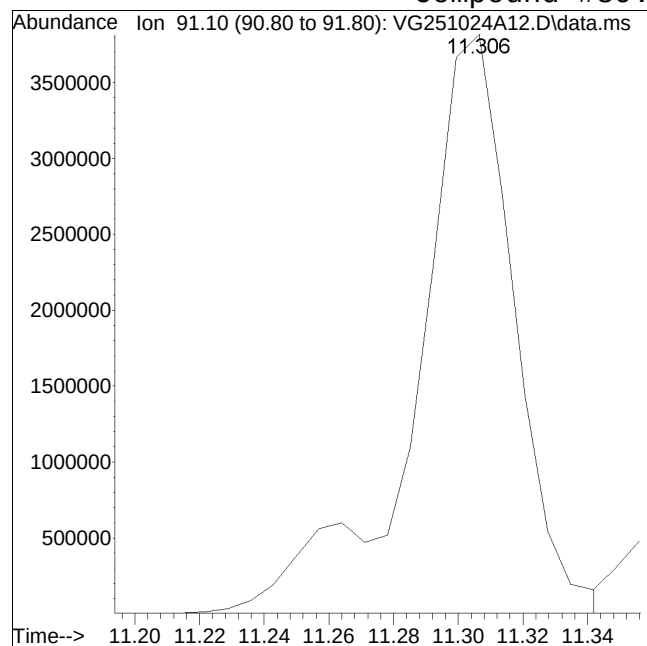


Manual Peak Response = 411017 M6

Manual Integration Report

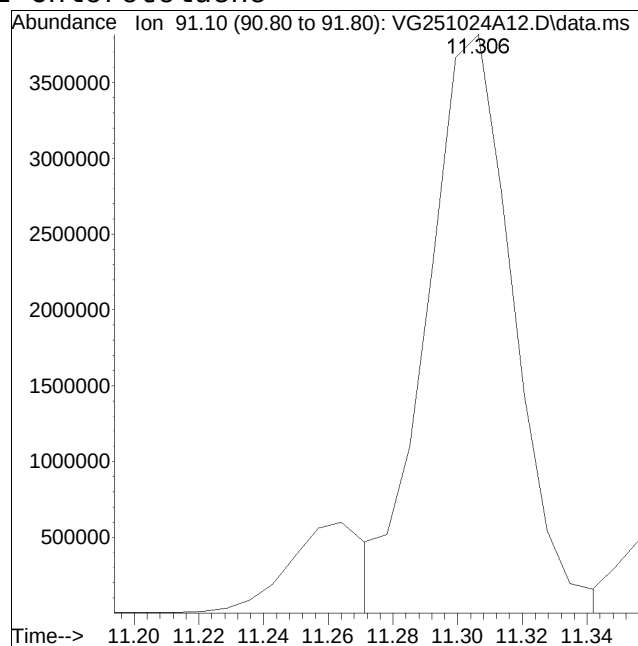
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A12.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 5:08 pm Instrument : Gonzo
Sample : I8260STD120PPB Quant Date : 10/26/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 7968481

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



Manual Peak Response = 7012245 M6

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A13.D
 Acq On : 24 Oct 2025 5:34 pm
 Operator : GONZO:PID
 Sample : I8260STD200PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 26 12:31:51 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.950	96	602914	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery	=	118.85%	
59) Chlorobenzene-d5	9.477	117	474607	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery	=	118.55%	
79) 1,4-Dichlorobenzene-d4	12.198	152	299537	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery	=	121.74%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	156490	10.021	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.21%	
43) 1,2-Dichloroethane-d4	5.674	65	173138	9.757	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	97.57%	
60) Toluene-d8	7.636	98	615705	10.064	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	100.64%	
83) 4-Bromofluorobenzene	10.981	95	232496	9.945	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.45%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.614	85	3182463	228.441	ug/L	98
3) Chloromethane	1.813	50	4107953	189.373	ug/L	100
4) Vinyl chloride	1.870	62	3780613	205.580	ug/L	100
5) Bromomethane	2.176	94	2561013	191.685	ug/L	99
6) Chloroethane	2.268	64	959642	76.147	ug/L	97
7) Trichlorofluoromethane	2.411	101	3655504	180.710	ug/L	100
8) Ethyl ether	2.717	74	1502715	217.479	ug/L	96
10) 1,1-Dichloroethene	2.916	96	2851323	230.232	ug/L	98
11) Carbon disulfide	2.944	76	9081105	213.810	ug/L	99
12) Freon-113	2.944	101	2890429	245.036	ug/L	83
13) Iodomethane	3.051	142	3212963	342.675	ug/L	100
14) Acrolein	3.229	56	357699	235.010	ug/L	# 83
15) Methylene chloride	3.464	84	3048970	193.373	ug/L	97
17) Acetone	3.499	43	657725	249.257	ug/L	97
18) trans-1,2-Dichloroethene	3.613	96	3099970	204.805	ug/L	99
19) Methyl acetate	3.620	43	1506203	232.790	ug/L	98
20) Methyl tert-butyl ether	3.698	73	7555797	226.529	ug/L	96
21) tert-Butyl alcohol	3.798	59	985309	1247.125	ug/L	93
22) Diisopropyl ether	4.054	45	11879284	218.525	ug/L	98
23) 1,1-Dichloroethane	4.196	63	5936216	189.025	ug/L	99
24) Halothane	4.246	117	2504722	218.298	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A13.D
 Acq On : 24 Oct 2025 5:34 pm
 Operator : GONZO:PID
 Sample : I8260STD200PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 26 12:31:51 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	4.239	53	792246	229.085	ug/L	96
26) Ethyl tert-butyl ether	4.403	59	10015441	239.012	ug/L	94
27) Vinyl acetate	4.417	43	6505266	212.211	ug/L	100
28) cis-1,2-Dichloroethene	4.709	96	3465589	199.723	ug/L	94
29) 2,2-Dichloropropane	4.801	77	4236556	200.502	ug/L	99
30) Bromochloromethane	4.901	128	1390598	175.478	ug/L	95
31) Cyclohexane	4.894	56	6514495	255.488	ug/L	98
32) Chloroform	4.972	83	5576550	206.568	ug/L	98
33) Ethyl acetate	5.072	43	2331295	226.564	ug/L	99
34) Carbon tetrachloride	5.100	117	4641159	219.421	ug/L	98
35) Tetrahydrofuran	5.114	42	674425M6	197.997	ug/L	
37) 1,1,1-Trichloroethane	5.164	97	4962280	215.764	ug/L	98
39) 2-Butanone	5.256	43	997364	227.495	ug/L	98
40) 1,1-Dichloropropene	5.285	75	4166166	225.727	ug/L	99
41) Benzene	5.533	78	12806837	207.053	ug/L	99
42) tert-Amyl methyl ether	5.632	73	7884047	240.478	ug/L	93
44) 1,2-Dichloroethane	5.738	62	3891557	200.853	ug/L	100
47) Methyl cyclohexane	6.112	83	6099945	270.551	ug/L	97
48) Trichloroethene	6.126	95	3534481	212.737	ug/L	99
50) Dibromomethane	6.570	93	1626718	206.481	ug/L	98
51) 1,2-Dichloropropane	6.669	63	3491939	202.558	ug/L	99
53) 2-Chloroethyl vinyl ether	7.368	63	616443	170.633	ug/L	92
54) Bromodichloromethane	6.747	83	4386881	209.813	ug/L	99
57) 1,4-Dioxane	6.952	88	204878	2459.194	ug/L	95
58) cis-1,3-Dichloropropene	7.431	75	5083495	217.701	ug/L	98
61) Toluene	7.692	92	8458238	212.968	ug/L	99
62) 4-Methyl-2-pentanone	8.130	58	834851	262.799	ug/L	93
63) Tetrachloroethene	8.137	166	4091552	223.566	ug/L	98
65) trans-1,3-Dichloropropene	8.186	75	4306576	223.666	ug/L	99
67) Ethyl methacrylate	8.363	69	3131278	256.791	ug/L	91
68) 1,1,2-Trichloroethane	8.370	83	2052676	215.529	ug/L	99
69) Chlorodibromomethane	8.581	129	3442879	228.215	ug/L	98
70) 1,3-Dichloropropane	8.687	76	4098981	209.430	ug/L	99
71) 1,2-Dibromoethane	8.850	107	2388677	216.740	ug/L #	100
72) 2-Hexanone	9.132	43	1503148	251.433	ug/L	93
73) Chlorobenzene	9.499	112	9784453	206.173	ug/L	98
74) Ethylbenzene	9.534	91	17147877	221.197	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.590	131	3705638	221.070	ug/L	99
76) p/m Xylene	9.724	106	13685489	442.375	ug/L	78
77) o Xylene	10.268	106	13239201	433.987	ug/L	77

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A13.D
 Acq On : 24 Oct 2025 5:34 pm
 Operator : GONZO:PID
 Sample : I8260STD200PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 26 12:31:51 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

78) Styrene	0.000		0	N.D.	d	
80) Bromoform	10.374	173	2269283	230.452	ug/L	99
82) Isopropylbenzene	0.000		0	N.D.	d	
84) Bromobenzene	11.095	156	4325882	197.570	ug/L	100
85) n-Propylbenzene	0.000		0	N.D.	d	
86) 1,4-Dichlorobutane	11.158	55	4929787	208.311	ug/L	100
87) 1,1,2,2-Tetrachloroethane	11.236	83	2893296	203.250	ug/L	100
88) 4-Ethyltoluene	0.000		0	N.D.	d	
89) 2-Chlorotoluene	11.307	91	12120902M6	203.243	ug/L	
90) 1,3,5-Trimethylbenzene	11.363	105	15008264	216.396	ug/L	100
91) 1,2,3-Trichloropropane	11.370	75	2383750	217.366	ug/L	100
92) trans-1,4-Dichloro-2-b...	11.427	53	909505	223.881	ug/L	89
93) 4-Chlorotoluene	11.491	91	12720963	212.226	ug/L	97
94) tert-Butylbenzene	11.703	119	12951624	220.947	ug/L	98
97) 1,2,4-Trimethylbenzene	11.781	105	14444478	222.608	ug/L	100
98) sec-Butylbenzene	0.000		0	N.D.	d	
99) p-Isopropyltoluene	0.000		0	N.D.	d	
100) 1,3-Dichlorobenzene	12.120	146	8888805	209.469	ug/L	99
101) 1,4-Dichlorobenzene	12.212	146	8820464	209.951	ug/L	98
102) p-Diethylbenzene	12.424	119	9798199	238.431	ug/L	98
103) n-Butylbenzene	12.481	91	13318713	230.363	ug/L	96
104) 1,2-Dichlorobenzene	12.637	146	7810147	205.377	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.217	119	11785202	291.466	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.415	155	486507	231.864	ug/L	98
107) 1,3,5-Trichlorobenzene	13.443	180	4951829	211.455	ug/L	98
108) Hexachlorobutadiene	14.016	225	2055141	223.116	ug/L	98
109) 1,2,4-Trichlorobenzene	14.044	180	3596050	232.160	ug/L	98
110) Naphthalene	14.334	128	5931335	303.302	ug/L	100
111) 1,2,3-Trichlorobenzene	14.504	180	2402055	221.963	ug/L	99

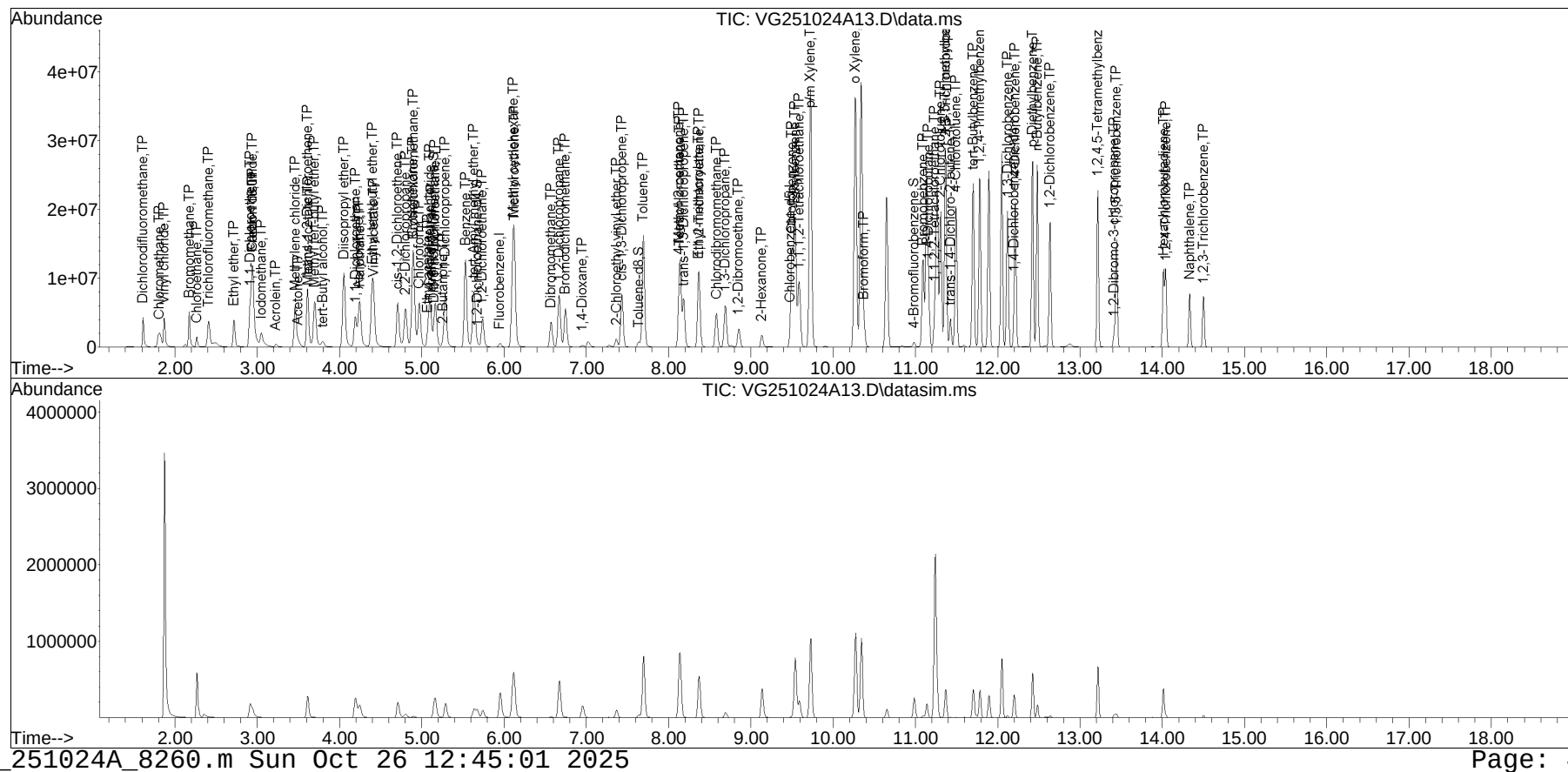
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A13.D
 Acq On : 24 Oct 2025 5:34 pm
 Operator : GONZO:PID
 Sample : I8260STD200PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 26 12:31:51 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:20:56 2025
 Response via : Initial Calibration

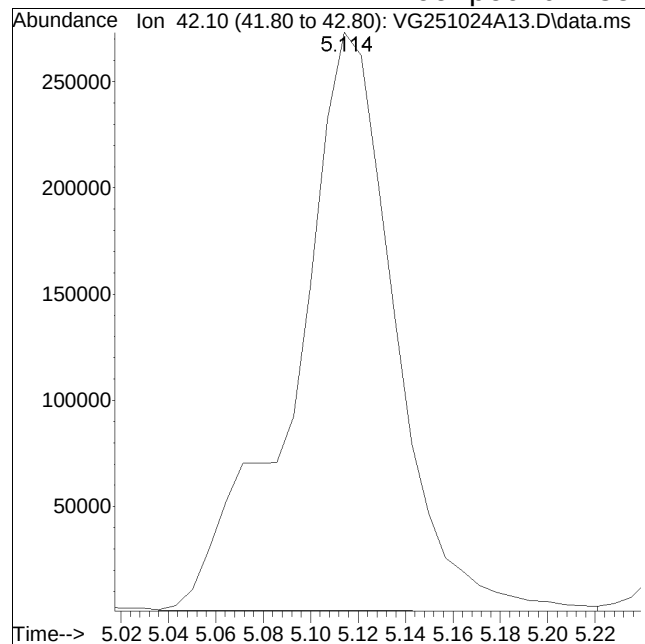
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



Manual Integration Report

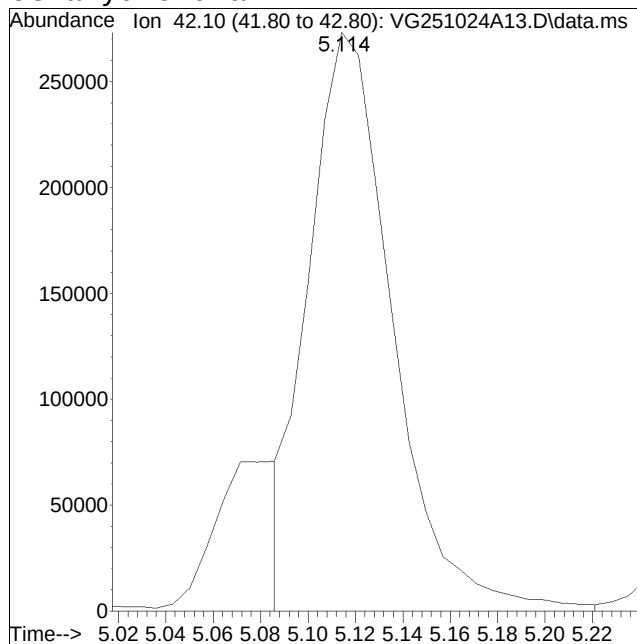
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A13.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 5:34 pm Instrument : Gonzo
Sample : I8260STD200PPB Quant Date : 10/26/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 796151

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

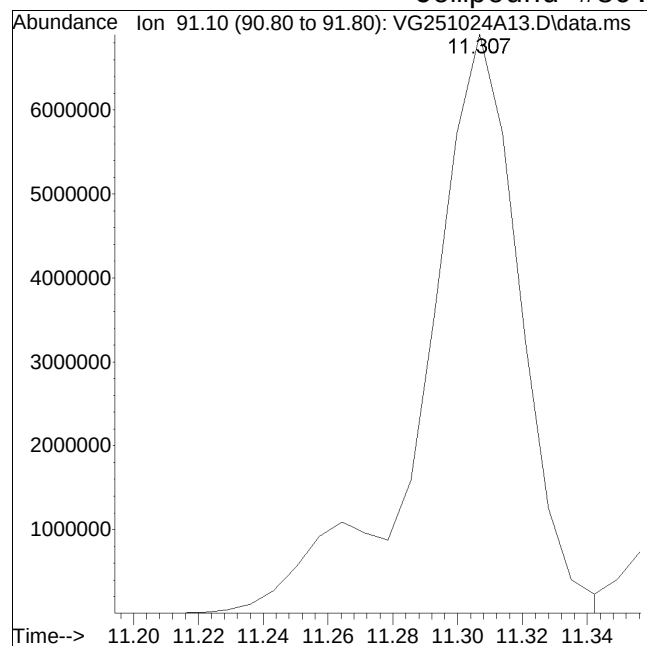


Manual Peak Response = 674425 M6

Manual Integration Report

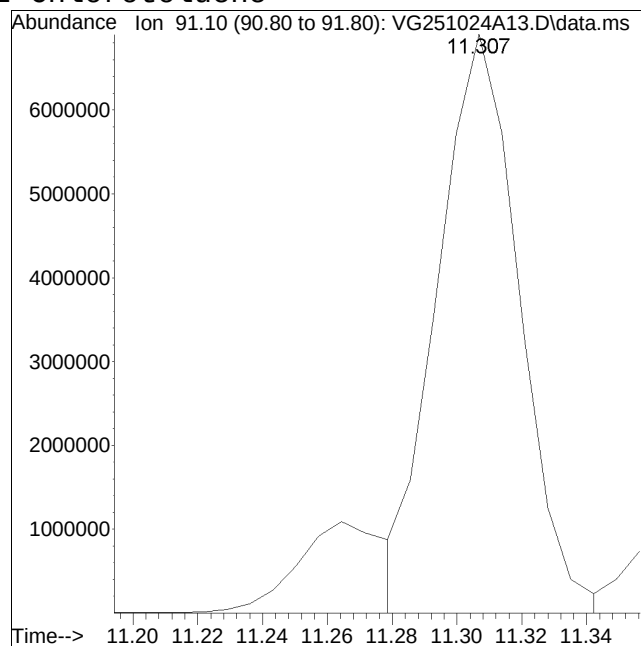
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A13.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 5:34 pm Instrument : Gonzo
Sample : I8260STD200PPB Quant Date : 10/26/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 14137133

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



Manual Peak Response = 12120902 M6

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A18.D
 Acq On : 24 Oct 2025 7:47 pm
 Operator : GONZO:PID
 Sample : C8260STD10PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 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	100	0.00
2 TP	Dichlorodifluoromethane	0.251	0.203	19.1	88	0.00
3 TP	Chloromethane	0.352	0.362	-2.8	100	0.00
4 TP	Vinyl chloride	0.303	0.281	7.3	92	0.00
5 TP	Bromomethane	0.216	0.201	6.9	91	0.00
6 TP	Chloroethane	0.192	0.147	23.4#	70	0.00
7 TP	Trichlorofluoromethane	0.351	0.373	-6.3	111	0.00
8 TP	Ethyl ether	0.116	0.111	4.3	96	0.00
10 TP	1,1-Dichloroethene	0.219	0.197	10.0	96	0.00
11 TP	Carbon disulfide	0.722	0.646	10.5	92	0.00
12 TP	Freon-113	0.222	0.245	-10.4	125	0.00
13 TP	Iodomethane	* 10.000	4.113	58.9#	45#	0.00
14 TP	Acrolein	0.027	0.027	0.0	106	0.00
15 TP	Methylene chloride	0.262	0.249	5.0	95	0.00
17 TP	Acetone	0.049	0.051	-4.1	117	0.00
18 TP	trans-1,2-Dichloroethene	0.250	0.234	6.4	93	0.00
19 TP	Methyl acetate	0.115	0.115	0.0	107	0.00
20 TP	Methyl tert-butyl ether	0.559	0.520	7.0	94	0.00
21 TP	tert-Butyl alcohol	0.014	0.016	-14.3	120	0.00
22 TP	Diisopropyl ether	0.899	0.877	2.4	97	0.00
23 TP	1,1-Dichloroethane	0.504	0.490	2.8	94	0.00
24 TP	Halothane	0.199	0.201	-1.0	105	0.00
25 TP	Acrylonitrile	0.061	0.061	0.0	105	0.00
26 TP	Ethyl tert-butyl ether	0.714	0.695	2.7	100	0.00
27 TP	Vinyl acetate	0.529	0.443	16.3	87	0.00
28 TP	cis-1,2-Dichloroethene	0.276	0.258	6.5	89	0.00
29 TP	2,2-Dichloropropane	0.345	0.294	14.8	84	0.00
30 TP	Bromochloromethane	0.121	0.128	-5.8	97	0.00
31 TP	Cyclohexane	0.492	0.513	-4.3	121	0.00
32 TP	Chloroform	0.456	0.447	2.0	100	0.00
33 TP	Ethyl acetate	0.183	0.186	-1.6	109	0.00
34 TP	Carbon tetrachloride	0.357	0.331	7.3	94	0.00
35 TP	Tetrahydrofuran	0.058	0.057	1.7	101	0.00
36 S	Dibromofluoromethane	0.264	0.260	1.5	100	0.00
37 TP	1,1,1-Trichloroethane	0.390	0.366	6.2	96	0.00
39 TP	2-Butanone	0.076	0.078	-2.6	107	0.00
40 TP	1,1-Dichloropropene	0.313	0.315	-0.6	103	0.00
41 TP	Benzene	0.987	0.964	2.3	94	0.00
42 TP	tert-Amyl methyl ether	0.558	0.524	6.1	96	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A18.D
 Acq On : 24 Oct 2025 7:47 pm
 Operator : GONZO:PID
 Sample : C8260STD10PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 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)
43 S	1,2-Dichloroethane-d4	0.285	0.299	-4.9	101	0.00
44 TP	1,2-Dichloroethane	0.320	0.313	2.2	97	0.00
47 TP	Methyl cyclohexane	0.447	0.444	0.7	118	0.00
48 TP	Trichloroethene	0.280	0.266	5.0	96	0.00
50 TP	Dibromomethane	0.132	0.128	3.0	98	0.00
51 TP	1,2-Dichloropropane	0.283	0.272	3.9	95	0.00
53 TP	2-Chloroethyl vinyl ether	0.060	0.046	23.3#	76	0.00
54 TP	Bromodichloromethane	0.345	0.321	7.0	92	0.00
57 TP	1,4-Dioxane	0.00147	0.00157#	-6.8	113	0.00
58 TP	cis-1,3-Dichloropropene	0.376	0.376	0.0	97	0.00
59 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
60 S	Toluene-d8	1.286	1.265	1.6	100	0.00
61 TP	Toluene	0.836	0.786	6.0	96	0.00
62 TP	4-Methyl-2-pentanone	0.076	0.072	5.3	110	0.00
63 TP	Tetrachloroethene	0.384	0.363	5.5	96	0.00
65 TP	trans-1,3-Dichloropropene	0.393	0.389	1.0	98	0.00
67 TP	Ethyl methacrylate	0.289	0.261	9.7	103	0.00
68 TP	1,1,2-Trichloroethane	0.203	0.191#	5.9	97	0.00
69 TP	Chlorodibromomethane	0.328	0.313	4.6	100	0.00
70 TP	1,3-Dichloropropane	0.407	0.391	3.9	97	0.00
71 TP	1,2-Dibromoethane	0.238	0.221	7.1	97	0.00
72 TP	2-Hexanone	* 10.000	9.595	4.0	108	0.00
73 TP	Chlorobenzene	0.978	0.937	4.2	95	0.00
74 TP	Ethylbenzene	1.606	1.532	4.6	96	0.00
75 TP	1,1,1,2-Tetrachloroethane	0.356	0.334	6.2	96	0.00
76 TP	p/m Xylene	0.635	0.612	3.6	96	0.00
77 TP	o Xylene	0.623	0.607	2.6	96	0.00
78 TP	Styrene	1.014	1.013	0.1	96	0.00
79 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
80 TP	Bromoform	0.335	0.332	0.9	100	0.00
82 TP	Isopropylbenzene	2.588	2.564	0.9	95	0.00
83 S	4-Bromofluorobenzene	0.782	0.797	-1.9	102	0.00
84 TP	Bromobenzene	0.702	0.696	0.9	95	0.00
85 TP	n-Propylbenzene	3.115	3.108	0.2	95	0.00
86 TP	1,4-Dichlorobutane	0.778	0.821	-5.5	103	0.00
87 TP	1,1,2,2-Tetrachloroethane	0.470	0.456	3.0	95	0.00
88 TP	4-Ethyltoluene	2.598	2.771	-6.7	102	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A18.D
 Acq On : 24 Oct 2025 7:47 pm
 Operator : GONZO:PID
 Sample : C8260STD10PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 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)
89 TP	2-Chlorotoluene	1.927	1.876	2.6	94	0.00
90 TP	1,3,5-Trimethylbenzene	2.275	2.179	4.2	94	0.00
91 TP	1,2,3-Trichloropropane	0.391	0.377	3.6	102	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.138	0.146	-5.8	107	0.00
93 TP	4-Chlorotoluene	1.972	1.918	2.7	95	0.00
94 TP	tert-Butylbenzene	1.951	1.879	3.7	95	0.00
97 TP	1,2,4-Trimethylbenzene	2.116	2.145	-1.4	98	0.00
98 TP	sec-Butylbenzene	2.796	2.770	0.9	95	0.00
99 TP	p-Isopropyltoluene	* 10.000	8.945	10.5	95	0.00
100 TP	1,3-Dichlorobenzene	1.391	1.370	1.5	96	0.00
101 TP	1,4-Dichlorobenzene	1.399	1.346	3.8	95	0.00
102 TP	p-Diethylbenzene	1.464	1.364	6.8	99	0.00
103 TP	n-Butylbenzene	* 10.000	8.796	12.0	96	0.00
104 TP	1,2-Dichlorobenzene	1.236	1.233	0.2	96	0.00
105 TP	1,2,4,5-Tetramethylbenzene	* 10.000	8.719	12.8	102	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.070	0.070	0.0	100	0.00
107 TP	1,3,5-Trichlorobenzene	0.758	0.747	1.5	95	0.00
108 TP	Hexachlorobutadiene	0.316	0.300	5.1	97	0.00
109 TP	1,2,4-Trichlorobenzene	0.522	0.494	5.4	95	0.00
110 TP	Naphthalene	* 10.000	10.177	-1.8	104	0.00
111 TP	1,2,3-Trichlorobenzene	0.362	0.349#	3.6	96	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 3 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A18.D
 Acq On : 24 Oct 2025 7:47 pm
 Operator : GONZO:PID
 Sample : C8260STD10PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

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

Internal Standards						
1) Fluorobenzene	5.949	96	505915	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery	=	99.73%	
59) Chlorobenzene-d5	9.477	117	407662	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery	=	101.83%	
79) 1,4-Dichlorobenzene-d4	12.198	152	244557	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery	=	99.40%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	131337	9.835	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.35%	
43) 1,2-Dichloroethane-d4	5.674	65	151049	10.488	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	104.88%	
60) Toluene-d8	7.636	98	515874	9.839	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.39%	
83) 4-Bromofluorobenzene	10.981	95	194999	10.194	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	101.94%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.614	85	102636	8.073	ug/L	99
3) Chloromethane	1.806	50	182933	10.259	ug/L	100
4) Vinyl chloride	1.870	62	141920	9.272	ug/L	98
5) Bromomethane	2.176	94	101876	9.313	ug/L	100
6) Chloroethane	2.268	64	74588	7.667	ug/L	98
7) Trichlorofluoromethane	2.418	101	188459	10.616	ug/L	99
8) Ethyl ether	2.724	74	56036	9.508	ug/L	99
10) 1,1-Dichloroethene	2.909	96	99836	9.027	ug/L	99
11) Carbon disulfide	2.944	76	327037	8.958	ug/L	98
12) Freon-113	2.944	101	124117	11.043	ug/L	# 65
13) Iodomethane	3.051	142	35435	4.113	ug/L	99
14) Acrolein	3.243	56	13581	10.011	ug/L	91
15) Methylene chloride	3.464	84	125893	9.516	ug/L	99
17) Acetone	3.513	43	26014	10.454	ug/L	98
18) trans-1,2-Dichloroethene	3.613	96	118264	9.368	ug/L	98
19) Methyl acetate	3.620	43	58262	9.987	ug/L	100
20) Methyl tert-butyl ether	3.698	73	263038	9.302	ug/L	98
21) tert-Butyl alcohol	3.798	59	39887	57.538	ug/L	95
22) Diisopropyl ether	4.054	45	443642	9.755	ug/L	99
23) 1,1-Dichloroethane	4.189	63	247855	9.729	ug/L	99
24) Halothane	4.246	117	101559	10.081	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A18.D
 Acq On : 24 Oct 2025 7:47 pm
 Operator : GONZO:PID
 Sample : C8260STD10PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	4.246	53	30695	9.880	ug/L	98
26) Ethyl tert-butyl ether	4.395	59	351454	9.730	ug/L	94
27) Vinyl acetate	4.424	43	224104	8.371	ug/L	99
28) cis-1,2-Dichloroethene	4.709	96	130299	9.325	ug/L	93
29) 2,2-Dichloropropane	4.801	77	148984	8.530	ug/L	100
30) Bromochloromethane	4.901	128	65009	10.594	ug/L	95
31) Cyclohexane	4.893	56	259539	10.421	ug/L	98
32) Chloroform	4.972	83	226358	9.816	ug/L	98
33) Ethyl acetate	5.078	43	94038	10.149	ug/L	99
34) Carbon tetrachloride	5.100	117	167463	9.280	ug/L	99
35) Tetrahydrofuran	5.121	42	28985M6	9.944	ug/L	
37) 1,1,1-Trichloroethane	5.164	97	185079	9.387	ug/L	99
39) 2-Butanone	5.271	43	39637	10.250	ug/L	100
40) 1,1-Dichloropropene	5.285	75	159448	10.079	ug/L	99
41) Benzene	5.533	78	487892	9.768	ug/L	99
42) tert-Amyl methyl ether	5.632	73	265321	9.397	ug/L	98
44) 1,2-Dichloroethane	5.738	62	158422	9.776	ug/L	100
47) Methyl cyclohexane	6.105	83	224410	9.928	ug/L	98
48) Trichloroethene	6.126	95	134411	9.499	ug/L	99
50) Dibromomethane	6.570	93	64929	9.745	ug/L	99
51) 1,2-Dichloropropane	6.669	63	137411	9.597	ug/L	99
53) 2-Chloroethyl vinyl ether	7.375	63	23137	7.649	ug/L	98
54) Bromodichloromethane	6.747	83	162550	9.325	ug/L	98
57) 1,4-Dioxane	6.951	88	39691	534.286	ug/L	97
58) cis-1,3-Dichloropropene	7.431	75	190228	9.990	ug/L	99
61) Toluene	7.692	92	320258	9.398	ug/L	99
62) 4-Methyl-2-pentanone	8.137	58	29466	9.484	ug/L	99
63) Tetrachloroethene	8.137	166	147863	9.442	ug/L	99
65) trans-1,3-Dichloropropene	8.186	75	158408	9.882	ug/L	99
67) Ethyl methacrylate	8.370	69	106291	9.035	ug/L	96
68) 1,1,2-Trichloroethane	8.370	83	77720	9.370	ug/L	99
69) Chlorodibromomethane	8.581	129	127439	9.531	ug/L	98
70) 1,3-Dichloropropane	8.687	76	159352	9.612	ug/L	99
71) 1,2-Dibromoethane	8.856	107	90147	9.297	ug/L #	100
72) 2-Hexanone	9.146	43	54256	9.595	ug/L	97
73) Chlorobenzene	9.498	112	381793	9.576	ug/L	99
74) Ethylbenzene	9.534	91	624713	9.541	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.583	131	135972	9.369	ug/L	98
76) p/m Xylene	9.717	106	498955	19.279	ug/L	99
77) o Xylene	10.268	106	495115	19.510	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A18.D
 Acq On : 24 Oct 2025 7:47 pm
 Operator : GONZO:PID
 Sample : C8260STD10PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
 Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78)	Styrene	10.338	104	826054	19.988	ug/L	99
80)	Bromoform	10.366	173	81167	9.911	ug/L	98
82)	Isopropylbenzene	10.649	105	627109	9.909	ug/L	100
84)	Bromobenzene	11.094	156	170277	9.914	ug/L	99
85)	n-Propylbenzene	11.130	91	760166	9.978	ug/L	100
86)	1,4-Dichlorobutane	11.158	55	200854	10.556	ug/L	99
87)	1,1,2,2-Tetrachloroethane	11.236	83	111409	9.691	ug/L	100
88)	4-Ethyltoluene	11.257	105	677775	10.666	ug/L	99
89)	2-Chlorotoluene	11.300	91	458734M6	9.733	ug/L	
90)	1,3,5-Trimethylbenzene	11.356	105	532801	9.576	ug/L	99
91)	1,2,3-Trichloropropane	11.370	75	92283M1	9.660	ug/L	
92)	trans-1,4-Dichloro-2-b...	11.427	53	35647	10.526	ug/L	96
93)	4-Chlorotoluene	11.491	91	469152	9.728	ug/L	99
94)	tert-Butylbenzene	11.696	119	459580	9.634	ug/L	99
97)	1,2,4-Trimethylbenzene	11.781	105	524521	10.138	ug/L	99
98)	sec-Butylbenzene	11.887	105	677410	9.906	ug/L	100
99)	p-Isopropyltoluene	12.042	119	574968	8.945	ug/L	100
100)	1,3-Dichlorobenzene	12.120	146	334996	9.850	ug/L	99
101)	1,4-Dichlorobenzene	12.212	146	329125	9.619	ug/L	100
102)	p-Diethylbenzene	12.417	119	333494	9.312	ug/L	99
103)	n-Butylbenzene	12.481	91	457234	8.796	ug/L	100
104)	1,2-Dichlorobenzene	12.636	146	301420	9.974	ug/L	100
105)	1,2,4,5-Tetramethylben...	13.216	119	339714	8.719	ug/L	100
106)	1,2-Dibromo-3-chloropr...	13.414	155	17164	9.996	ug/L	95
107)	1,3,5-Trichlorobenzene	13.443	180	182708	9.857	ug/L	100
108)	Hexachlorobutadiene	14.016	225	73421	9.497	ug/L	97
109)	1,2,4-Trichlorobenzene	14.044	180	120815	9.463	ug/L	100
110)	Naphthalene	14.334	128	167175	10.177	ug/L	100
111)	1,2,3-Trichlorobenzene	14.504	180	85439	9.642	ug/L	98

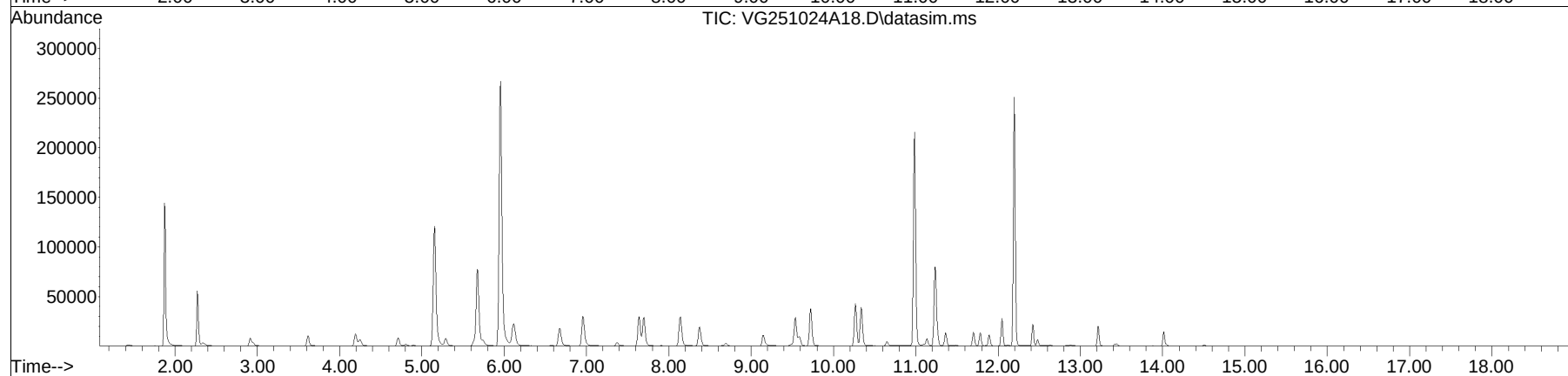
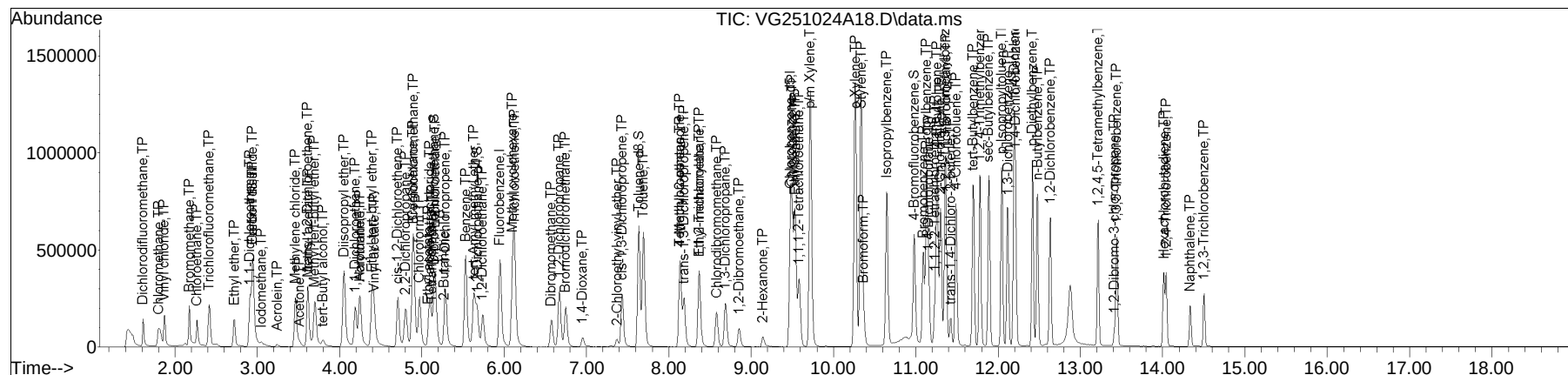
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
 Data File : VG251024A18.D
 Acq On : 24 Oct 2025 7:47 pm
 Operator : GONZO:PID
 Sample : C8260STD10PPB
 Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
 Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

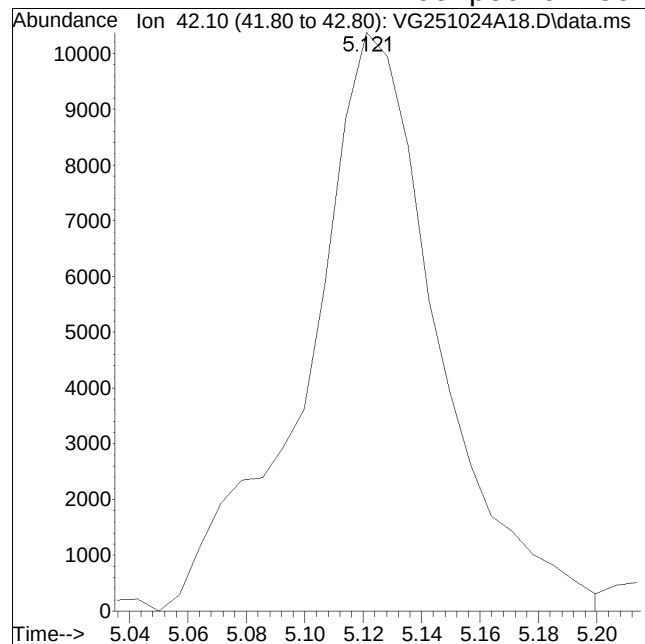
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



Manual Integration Report

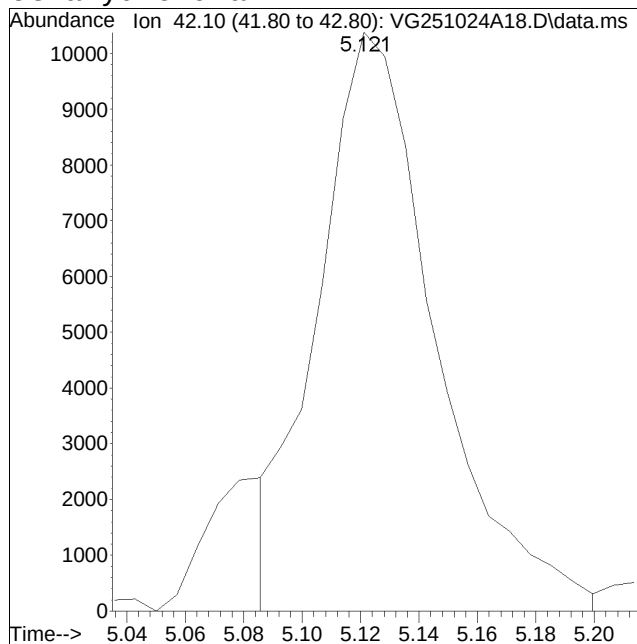
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A18.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 7:47 pm Instrument : Gonzo
Sample : C8260STD10PPB Quant Date : 10/26/2025 12:36 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 32464

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

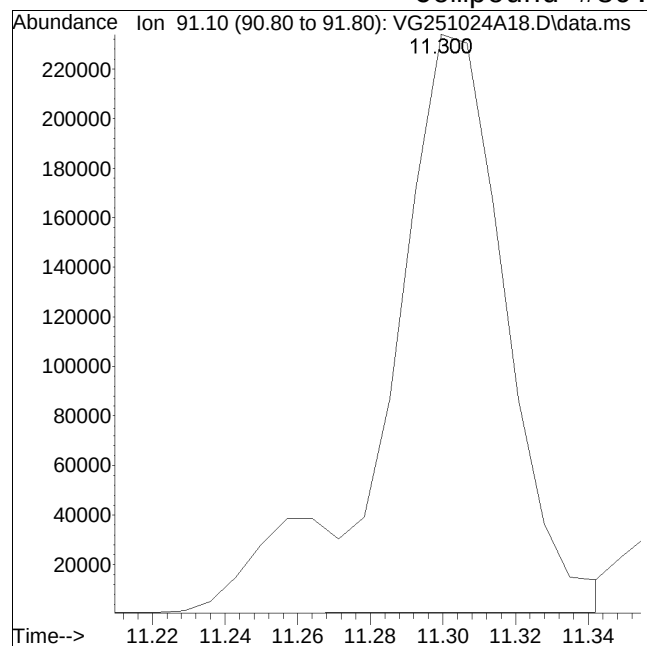


Manual Peak Response = 28985 M6

Manual Integration Report

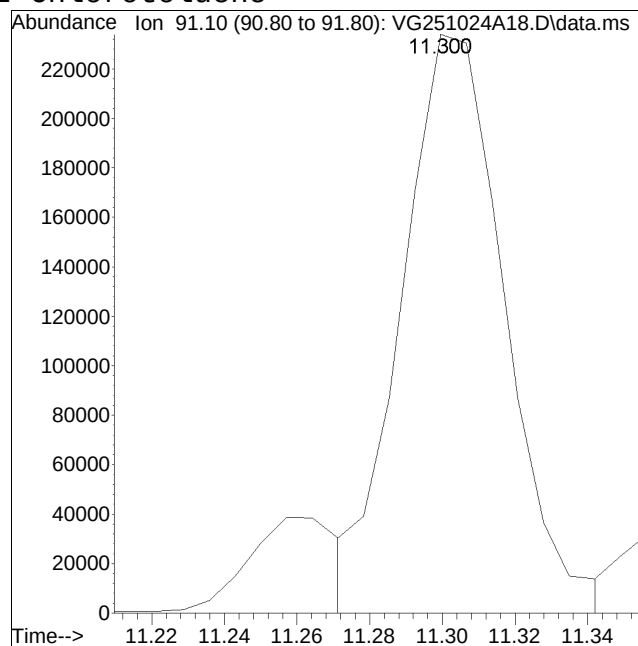
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A18.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 7:47 pm Instrument : Gonzo
Sample : C8260STD10PPB Quant Date : 10/26/2025 12:36 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 520926

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

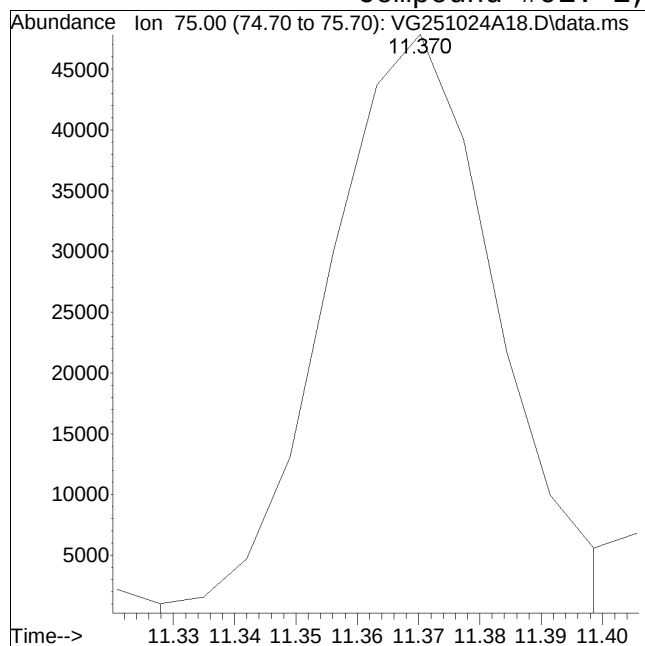


Manual Peak Response = 458734 M6

Manual Integration Report

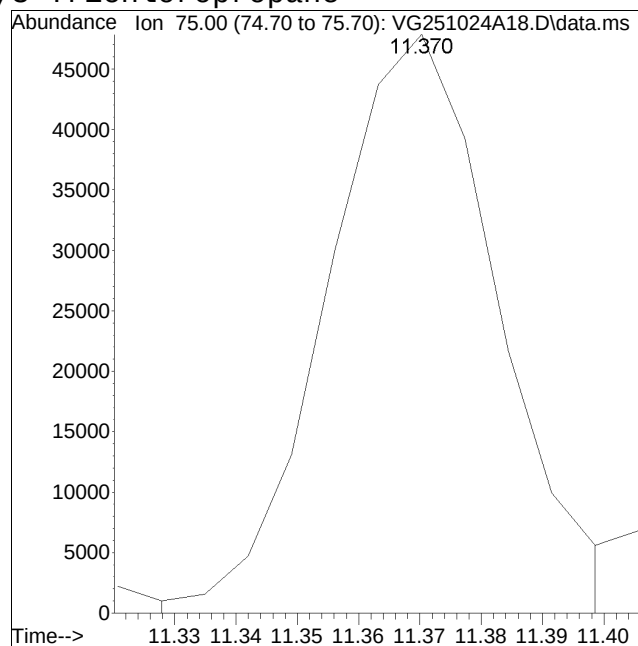
Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A18.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 7:47 pm Instrument : Gonzo
Sample : C8260STD10PPB Quant Date : 10/26/2025 12:36 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 91193

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



Manual Peak Response = 92283 M1

Method Path : K:\Gonzo\2025\251024AICAL\
 Method File : G_251024A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sun Oct 26 12:35:39 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
13	TP Iodomethane	L	ug/L	10.0	7.221	-27.8	2.00	2.564	28.2
72	TP 2-Hexanone	L	ug/L	10.0	9.146	-8.5	2.00	2.253	12.7
99	TP p-Isopropyltoluene	L	ug/L	10.0	9.366	-6.3	0.50	0.567	13.4
103	TP n-Butylbenzene	L	ug/L	10.0	9.070	-9.3	0.50	0.592	18.4
105	TP 1,2,4,5-Tetramethylbenzene	L	ug/L	10.0	8.513	-14.9	2.00	2.563	28.2
110	TP Naphthalene	Q	ug/L	10.0	9.749	-2.5	0.50	0.586	17.2

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
13	TP Iodomethane	Linear	0.995562	0.000000	0.274975	-0.0430565
72	TP 2-Hexanone	Linear	0.999393	0.000000	0.158742	-0.0192208
99	TP p-Isopropyltoluene	Linear	0.998613	0.000000	2.71931	-0.0812797
103	TP n-Butylbenzene	Linear	0.998609	0.000000	2.21155	-0.0756788
105	TP 1,2,4,5-Tetramethylbenzene	Linear	0.995738	0.000000	1.89962	-0.267211
110	TP Naphthalene	Quadratic	0.999136	0.029039	0.659353	-0.0175407

Continuing Calibration

Calibration Verification Summary

Form 7

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : GONZO
 Lab File ID : VG251216A04
 Sample No : WG2155134-2
 Channel :

Lab Number : L2578603
 Project Number : 0210873-001-001-07
 Calibration Date : 12/16/25 08:30
 Init. Calib. Date(s) : 10/24/25 10/24/25
 Init. Calib. Times : 13:08 17:34

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	66	0
Dichlorodifluoromethane	0.251	0.26	-	-3.6	20	74	0
Chloromethane	0.352	0.359	-	-2	20	66	0
Vinyl chloride	0.303	0.289	-	4.6	20	63	0
Bromomethane	0.216	0.06	-	72.2*	20	18	0
Chloroethane	0.192	0.147	-	23.4*	20	46	0
Trichlorofluoromethane	0.351	0.339	-	3.4	20	67	0
Ethyl ether	0.116	0.118	-	-1.7	20	68	0
1,1-Dichloroethene	0.219	0.219	-	0	20	70	0
Carbon disulfide	0.722	0.731	-	-1.2	20	69	0
Freon-113	0.222	0.228	-	-2.7	20	77	0
Acrolein	0.027	0.024	-	11.1	20	63	0
Methylene chloride	0.262	0.247	-	5.7	20	62	0
Acetone	0.049	0.055	-	-12.2	20	83	0
trans-1,2-Dichloroethene	0.25	0.241	-	3.6	20	63	0
Methyl acetate	0.115	0.133	-	-15.7	20	82	0
Methyl tert-butyl ether	0.559	0.543	-	2.9	20	65	0
tert-Butyl alcohol	0.014	0.015	-	-7.1	20	77	0
Diisopropyl ether	0.899	1.023	-	-13.8	20	75	0
1,1-Dichloroethane	0.504	0.494	-	2	20	63	0
Halothane	0.199	0.201	-	-1	20	70	0
Acrylonitrile	0.061	0.062	-	-1.6	20	71	0
Ethyl tert-butyl ether	0.714	0.725	-	-1.5	20	69	0
Vinyl acetate	0.529	0.613	-	-15.9	20	80	0
cis-1,2-Dichloroethene	0.276	0.279	-	-1.1	20	64	0
2,2-Dichloropropane	0.345	0.363	-	-5.2	20	68	0
Bromochloromethane	0.121	0.126	-	-4.1	20	63	0
Cyclohexane	0.492	0.518	-	-5.3	20	81	0
Chloroform	0.456	0.456	-	0	20	67	0
Ethyl acetate	0.183	0.205	-	-12	20	79	0
Carbon tetrachloride	0.357	0.356	-	0.3	20	67	0
Tetrahydrofuran	0.058	0.072	-	-24.1*	20	84	0
Dibromofluoromethane	0.264	0.259	-	1.9	20	66	0
1,1,1-Trichloroethane	0.39	0.385	-	1.3	20	67	0
2-Butanone	0.076	0.085	-	-11.8	20	78	0
1,1-Dichloropropene	0.313	0.332	-	-6.1	20	72	0
Benzene	0.987	1.021	-	-3.4	20	66	0
tert-Amyl methyl ether	0.558	0.535	-	4.1	20	65	0
1,2-Dichloroethane-d4	0.285	0.294	-	-3.2	20	66	0
1,2-Dichloroethane	0.32	0.325	-	-1.6	20	67	0
Methyl cyclohexane	0.447	0.435	-	2.7	20	77	0
Trichloroethene	0.28	0.268	-	4.3	20	64	0
Dibromomethane	0.132	0.135	-	-2.3	20	68	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Haley & Aldrich
 Project Name : 340 MYRTLE AVE
 Instrument ID : GONZO
 Lab File ID : VG251216A04
 Sample No : WG2155134-2
 Channel :

Lab Number : L2578603
 Project Number : 0210873-001-001-07
 Calibration Date : 12/16/25 08:30
 Init. Calib. Date(s) : 10/24/25 10/24/25
 Init. Calib. Times : 13:08 17:34

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.283	0.271	-	4.2	20	62	0
Bromodichloromethane	0.345	0.337	-	2.3	20	64	0
1,4-Dioxane	0.00147	0.0016*	-	-8.8	20	76	0
cis-1,3-Dichloropropene	0.376	0.368	-	2.1	20	63	0
Chlorobenzene-d5	1	1	-	0	20	67	0
Toluene-d8	1.286	1.239	-	3.7	20	64	0
Toluene	0.836	0.807	-	3.5	20	65	0
4-Methyl-2-pentanone	0.076	0.071	-	6.6	20	71	0
Tetrachloroethene	0.384	0.392	-	-2.1	20	68	0
trans-1,3-Dichloropropene	0.393	0.395	-	-0.5	20	65	0
Ethyl methacrylate	0.289	0.266	-	8	20	69	0
1,1,2-Trichloroethane	0.203	0.203	-	0	20	68	0
Chlorodibromomethane	0.328	0.317	-	3.4	20	67	0
1,3-Dichloropropane	0.407	0.4	-	1.7	20	65	0
1,2-Dibromoethane	0.238	0.227	-	4.6	20	65	0
2-Hexanone	10	10.347	-	-3.5	20	77	0
Chlorobenzene	0.978	0.973	-	0.5	20	65	0
Ethylbenzene	1.606	1.581	-	1.6	20	65	0
1,1,1,2-Tetrachloroethane	0.356	0.348	-	2.2	20	66	0
p/m Xylene	0.635	0.639	-	-0.6	20	66	0
o Xylene	0.623	0.627	-	-0.6	20	65	0
Styrene	1.014	1.038	-	-2.4	20	65	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	65	0
Bromoform	0.335	0.34	-	-1.5	20	67	0
Isopropylbenzene	2.588	2.75	-	-6.3	20	66	0
4-Bromofluorobenzene	0.782	0.78	-	0.3	20	65	0
Bromobenzene	0.702	0.724	-	-3.1	20	64	0
n-Propylbenzene	3.115	3.342	-	-7.3	20	66	0
1,4-Dichlorobutane	0.778	0.886	-	-13.9	20	72	0
1,1,2,2-Tetrachloroethane	0.47	0.51	-	-8.5	20	69	0
4-Ethyltoluene	2.598	2.826	-	-8.8	20	67	0
2-Chlorotoluene	1.927	1.95	-	-1.2	20	63	0
1,3,5-Trimethylbenzene	2.275	2.343	-	-3	20	65	0
1,2,3-Trichloropropane	0.391	0.39	-	0.3	20	69	0
trans-1,4-Dichloro-2-buten	0.138	0.132	-	4.3	20	63	0
4-Chlorotoluene	1.972	1.98	-	-0.4	20	64	0
tert-Butylbenzene	1.951	2.047	-	-4.9	20	68	0
1,2,4-Trimethylbenzene	2.116	2.203	-	-4.1	20	66	0
sec-Butylbenzene	2.796	3.072	-	-9.9	20	69	0
p-Isopropyltoluene	10	9.642	-	3.6	20	67	0
1,3-Dichlorobenzene	1.391	1.429	-	-2.7	20	65	0
1,4-Dichlorobenzene	1.399	1.444	-	-3.2	20	66	0
p-Diethylbenzene	1.464	1.427	-	2.5	20	67	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Haley & Aldrich
Project Name : 340 MYRTLE AVE
Instrument ID : GONZO
Lab File ID : VG251216A04
Sample No : WG2155134-2
Channel :

Lab Number : L2578603
Project Number : 0210873-001-001-07
Calibration Date : 12/16/25 08:30
Init. Calib. Date(s) : 10/24/25 10/24/25
Init. Calib. Times : 13:08 17:34

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	10	9.88	-	1.2	20	71	0
1,2-Dichlorobenzene	1.236	1.273	-	-3	20	65	0
1,2,4,5-Tetramethylbenzene	10	8.354	-	16.5	20	63	0
1,2-Dibromo-3-chloropropan	0.07	0.07	-	0	20	65	0
1,3,5-Trichlorobenzene	0.758	0.827	-	-9.1	20	68	0
Hexachlorobutadiene	0.316	0.33	-	-4.4	20	69	0
1,2,4-Trichlorobenzene	0.522	0.528	-	-1.1	20	66	0
Naphthalene	10	9.88	-	1.2	20	65	0
1,2,3-Trichlorobenzene	0.362	0.365*	-	-0.8	20	65	0

* Value outside of QC limits.



Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A04.D
 Acq On : 16 Dec 2025 8:30 am
 Operator : GONZO:PID
 Sample : WG2155134-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 09:20:18 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 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	66	0.00
2 TP	Dichlorodifluoromethane	0.251	0.260	-3.6	74	0.00
3 TP	Chloromethane	0.352	0.359	-2.0	66	0.00
4 TP	Vinyl chloride	0.303	0.289	4.6	63	0.00
5 TP	Bromomethane	0.216	0.060	72.2#	18#	0.00
6 TP	Chloroethane	0.192	0.147	23.4#	46#	0.00
7 TP	Trichlorofluoromethane	0.351	0.339	3.4	67	0.00
8 TP	Ethyl ether	0.116	0.118	-1.7	68	0.00
10 TP	1,1-Dichloroethene	0.219	0.219	0.0	70	0.00
11 TP	Carbon disulfide	0.722	0.731	-1.2	69	0.00
12 TP	Freon-113	0.222	0.228	-2.7	77	0.00
14 TP	Acrolein	0.027	0.024	11.1	63	0.00
15 TP	Methylene chloride	0.262	0.247	5.7	62	0.00
17 TP	Acetone	0.049	0.055	-12.2	83	0.00
18 TP	trans-1,2-Dichloroethene	0.250	0.241	3.6	63	0.00
19 TP	Methyl acetate	0.115	0.133	-15.7	82	0.00
20 TP	Methyl tert-butyl ether	0.559	0.543	2.9	65	0.00
21 TP	tert-Butyl alcohol	0.014	0.015	-7.1	77	0.00
22 TP	Diisopropyl ether	0.899	1.023	-13.8	75	0.00
23 TP	1,1-Dichloroethane	0.504	0.494	2.0	63	0.00
24 TP	Halothane	0.199	0.201	-1.0	70	0.00
25 TP	Acrylonitrile	0.061	0.062	-1.6	71	0.00
26 TP	Ethyl tert-butyl ether	0.714	0.725	-1.5	69	0.00
27 TP	Vinyl acetate	0.529	0.613	-15.9	80	0.00
28 TP	cis-1,2-Dichloroethene	0.276	0.279	-1.1	64	0.00
29 TP	2,2-Dichloropropane	0.345	0.363	-5.2	68	0.00
30 TP	Bromochloromethane	0.121	0.126	-4.1	63	0.00
31 TP	Cyclohexane	0.492	0.518	-5.3	81	0.00
32 TP	Chloroform	0.456	0.456	0.0	67	0.00
33 TP	Ethyl acetate	0.183	0.205	-12.0	79	0.00
34 TP	Carbon tetrachloride	0.357	0.356	0.3	67	0.00
35 TP	Tetrahydrofuran	0.058	0.072	-24.1#	84	0.00
36 S	Dibromofluoromethane	0.264	0.259	1.9	66	0.00
37 TP	1,1,1-Trichloroethane	0.390	0.385	1.3	67	0.00
39 TP	2-Butanone	0.076	0.085	-11.8	78	0.00
40 TP	1,1-Dichloropropene	0.313	0.332	-6.1	72	0.00
41 TP	Benzene	0.987	1.021	-3.4	66	0.00
42 TP	tert-Amyl methyl ether	0.558	0.535	4.1	65	0.00
43 S	1,2-Dichloroethane-d4	0.285	0.294	-3.2	66	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A04.D
 Acq On : 16 Dec 2025 8:30 am
 Operator : GONZO:PID
 Sample : WG2155134-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2155134, ICAL22763 (Sig #1); WG, ICAL22763 (Sig #2)
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 09:20:18 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 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)
44 TP	1,2-Dichloroethane	0.320	0.325	-1.6	67	0.00
47 TP	Methyl cyclohexane	0.447	0.435	2.7	77	0.00
48 TP	Trichloroethene	0.280	0.268	4.3	64	0.00
50 TP	Dibromomethane	0.132	0.135	-2.3	68	0.00
51 TP	1,2-Dichloropropane	0.283	0.271	4.2	62	0.00
54 TP	Bromodichloromethane	0.345	0.337	2.3	64	0.00
57 TP	1,4-Dioxane	0.00147	0.00160#	-8.8	76	0.00
58 TP	cis-1,3-Dichloropropene	0.376	0.368	2.1	63	0.00
59 I	Chlorobenzene-d5	1.000	1.000	0.0	67	0.00
60 S	Toluene-d8	1.286	1.239	3.7	64	0.00
61 TP	Toluene	0.836	0.807	3.5	65	0.00
62 TP	4-Methyl-2-pentanone	0.076	0.071	6.6	71	0.00
63 TP	Tetrachloroethene	0.384	0.392	-2.1	68	0.00
65 TP	trans-1,3-Dichloropropene	0.393	0.395	-0.5	65	0.00
67 TP	Ethyl methacrylate	0.289	0.266	8.0	69	0.00
68 TP	1,1,2-Trichloroethane	0.203	0.203	0.0	68	0.00
69 TP	Chlorodibromomethane	0.328	0.317	3.4	67	0.00
70 TP	1,3-Dichloropropane	0.407	0.400	1.7	65	0.00
71 TP	1,2-Dibromoethane	0.238	0.227	4.6	65	0.00
72 TP	2-Hexanone	* 10.000	10.347	-3.5	77	0.00
73 TP	Chlorobenzene	0.978	0.973	0.5	65	0.00
74 TP	Ethylbenzene	1.606	1.581	1.6	65	0.00
75 TP	1,1,1,2-Tetrachloroethane	0.356	0.348	2.2	66	0.00
76 TP	p/m Xylene	0.635	0.639	-0.6	66	0.00
77 TP	o Xylene	0.623	0.627	-0.6	65	0.00
78 TP	Styrene	1.014	1.038	-2.4	65	0.00
79 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	65	0.00
80 TP	Bromoform	0.335	0.340	-1.5	67	0.00
82 TP	Isopropylbenzene	2.588	2.750	-6.3	66	0.00
83 S	4-Bromofluorobenzene	0.782	0.780	0.3	65	0.00
84 TP	Bromobenzene	0.702	0.724	-3.1	64	0.00
85 TP	n-Propylbenzene	3.115	3.342	-7.3	66	0.00
86 TP	1,4-Dichlorobutane	0.778	0.886	-13.9	72	0.00
87 TP	1,1,2,2-Tetrachloroethane	0.470	0.510	-8.5	69	0.00
88 TP	4-Ethyltoluene	2.598	2.826	-8.8	67	0.00
89 TP	2-Chlorotoluene	1.927	1.950	-1.2	63	0.00
90 TP	1,3,5-Trimethylbenzene	2.275	2.343	-3.0	65	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A04.D
 Acq On : 16 Dec 2025 8:30 am
 Operator : GONZO:PID
 Sample : WG2155134-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2155134, ICAL22763 (Sig #1); WG, ICAL22763 (Sig #2)
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 09:20:18 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 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)
91 TP	1,2,3-Trichloropropane	0.391	0.390	0.3	69	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.138	0.132	4.3	63	0.00
93 TP	4-Chlorotoluene	1.972	1.980	-0.4	64	0.00
94 TP	tert-Butylbenzene	1.951	2.047	-4.9	68	0.00
97 TP	1,2,4-Trimethylbenzene	2.116	2.203	-4.1	66	0.00
98 TP	sec-Butylbenzene	2.796	3.072	-9.9	69	0.00
99 TP	p-Isopropyltoluene	* 10.000	9.642	3.6	67	0.00
100 TP	1,3-Dichlorobenzene	1.391	1.429	-2.7	65	0.00
101 TP	1,4-Dichlorobenzene	1.399	1.444	-3.2	66	0.00
102 TP	p-Diethylbenzene	1.464	1.427	2.5	67	0.00
103 TP	n-Butylbenzene	* 10.000	9.880	1.2	71	0.00
104 TP	1,2-Dichlorobenzene	1.236	1.273	-3.0	65	0.00
105 TP	1,2,4,5-Tetramethylbenzene	* 10.000	8.354	16.5	63	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.070	0.070	0.0	65	0.00
107 TP	1,3,5-Trichlorobenzene	0.758	0.827	-9.1	68	0.00
108 TP	Hexachlorobutadiene	0.316	0.330	-4.4	69	0.00
109 TP	1,2,4-Trichlorobenzene	0.522	0.528	-1.1	66	0.00
110 TP	Naphthalene	* 10.000	9.880	1.2	65	0.00
111 TP	1,2,3-Trichlorobenzene	0.362	0.365#	-0.8	65	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 2 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A04.D
 Acq On : 16 Dec 2025 8:30 am
 Operator : GONZO:PID
 Sample : WG2155134-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2155134, ICAL22763 (Sig #1); WG, ICAL22763 (Sig #2)
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 09:20:18 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

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

Internal Standards						
1) Fluorobenzene	5.949	96	334860	10.000	ug/L	0.00
59) Chlorobenzene-d5	9.477	117	268101	10.000	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	12.191	152	158798	10.000	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	86851	9.826	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.26%		
43) 1,2-Dichloroethane-d4	5.667	65	98440	10.327	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.27%		
60) Toluene-d8	7.629	98	332100	9.631	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.31%		
83) 4-Bromofluorobenzene	10.981	95	123902	9.975	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.75%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.614	85	86953	10.333	ug/L	97
3) Chloromethane	1.820	50	120089	10.175	ug/L	99
4) Vinyl chloride	1.870	62	96752	9.550	ug/L	98
5) Bromomethane	2.176	94	20226	2.794	ug/L	99
6) Chloroethane	2.275	64	49253	7.649	ug/L	97
7) Trichlorofluoromethane	2.418	101	113437	9.654	ug/L	95
8) Ethyl ether	2.716	74	39634	10.160	ug/L	92
10) 1,1-Dichloroethene	2.909	96	73351	10.020	ug/L	100
11) Carbon disulfide	2.944	76	244943	10.136	ug/L	99
12) Freon-113	2.944	101	76480	10.281	ug/L	85
14) Acrolein	3.243	56	8042	8.956	ug/L	85
15) Methylene chloride	3.463	84	82829	9.459	ug/L	88
17) Acetone	3.513	43	18320	11.122	ug/L	# 89
18) trans-1,2-Dichloroethene	3.613	96	80749	9.664	ug/L	96
19) Methyl acetate	3.620	43	44448	11.512	ug/L	# 93
20) Methyl tert-butyl ether	3.698	73	181777	9.712	ug/L	94
21) tert-Butyl alcohol	3.798	59	25507	55.590	ug/L	# 87
22) Diisopropyl ether	4.054	45	342545	11.380	ug/L	98
23) 1,1-Dichloroethane	4.189	63	165339	9.805	ug/L	98
24) Halothane	4.246	117	67175	10.074	ug/L	100
25) Acrylonitrile	4.246	53	20700	10.066	ug/L	96
26) Ethyl tert-butyl ether	4.395	59	242665	10.150	ug/L	92
27) Vinyl acetate	4.424	43	205360	11.590	ug/L	98
28) cis-1,2-Dichloroethene	4.708	96	93393	10.098	ug/L	96
29) 2,2-Dichloropropane	4.801	77	121554	10.515	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216\
 Data File : VG251216A04.D
 Acq On : 16 Dec 2025 8:30 am
 Operator : GONZO:PID
 Sample : WG2155134-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2155134, ICAL22763 (Sig #1); WG, ICAL22763 (Sig #2)
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 09:20:18 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30)	Bromochloromethane	4.901	128	42338	10.424	ug/L	90
31)	Cyclohexane	4.893	56	173532	10.527	ug/L	95
32)	Chloroform	4.972	83	152772	10.009	ug/L	96
33)	Ethyl acetate	5.078	43	68546	11.177	ug/L	97
34)	Carbon tetrachloride	5.093	117	119326	9.991	ug/L	97
35)	Tetrahydrofuran	5.121	42	24145M6	12.514	ug/L	
37)	1,1,1-Trichloroethane	5.164	97	128872	9.875	ug/L	98
39)	2-Butanone	5.271	43	28598	11.173	ug/L	92
40)	1,1-Dichloropropene	5.285	75	111272	10.627	ug/L	100
41)	Benzene	5.526	78	341928	10.343	ug/L	98
42)	tert-Amyl methyl ether	5.632	73	179109	9.584	ug/L	97
44)	1,2-Dichloroethane	5.738	62	108680	10.132	ug/L	98
47)	Methyl cyclohexane	6.105	83	145638	9.734	ug/L	94
48)	Trichloroethene	6.126	95	89888	9.598	ug/L	99
50)	Dibromomethane	6.570	93	45099	10.226	ug/L	98
51)	1,2-Dichloropropane	6.662	63	90650	9.565	ug/L	96
54)	Bromodichloromethane	6.747	83	113014	9.795	ug/L	98
57)	1,4-Dioxane	6.951	88	26726	543.538	ug/L	98
58)	cis-1,3-Dichloropropene	7.431	75	123371	9.788	ug/L	93
61)	Toluene	7.692	92	216305	9.652	ug/L	98
62)	4-Methyl-2-pentanone	8.130	58	18914	9.257	ug/L	78
63)	Tetrachloroethene	8.137	166	105060	10.201	ug/L	100
65)	trans-1,3-Dichloropropene	8.179	75	105960	10.051	ug/L	93
67)	Ethyl methacrylate	8.362	69	71382	9.227	ug/L	97
68)	1,1,2-Trichloroethane	8.370	83	54307	9.956	ug/L	100
69)	Chlorodibromomethane	8.574	129	85088	9.676	ug/L	99
70)	1,3-Dichloropropane	8.687	76	107366	9.847	ug/L	97
71)	1,2-Dibromoethane	8.849	107	60809	9.536	ug/L #	100
72)	2-Hexanone	9.139	43	38881	10.347	ug/L	95
73)	Chlorobenzene	9.498	112	260797	9.947	ug/L	98
74)	Ethylbenzene	9.534	91	423785	9.841	ug/L	100
75)	1,1,1,2-Tetrachloroethane	9.583	131	93338	9.779	ug/L	99
76)	p/m Xylene	9.717	106	342684	20.134	ug/L	98
77)	o Xylene	10.260	106	336050	20.135	ug/L	99
78)	Styrene	10.331	104	556373	20.471	ug/L	97
80)	Bromoform	10.366	173	53996	10.154	ug/L	97
82)	Isopropylbenzene	10.649	105	436684	10.627	ug/L	100
84)	Bromobenzene	11.087	156	114903	10.303	ug/L	98
85)	n-Propylbenzene	11.130	91	530644	10.726	ug/L	100
86)	1,4-Dichlorobutane	11.151	55	140715	11.389	ug/L	100
87)	1,1,2,2-Tetrachloroethane	11.229	83	80977	10.848	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216\
 Data File : VG251216A04.D
 Acq On : 16 Dec 2025 8:30 am
 Operator : GONZO:PID
 Sample : WG2155134-2 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2155134, ICAL22763 (Sig #1); WG, ICAL22763 (Sig #2)
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 09:20:18 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

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

88)	4-Ethyltoluene	11.257	105	448815	10.878	ug/L	100
89)	2-Chlorotoluene	11.300	91	309635M6	10.117	ug/L	
90)	1,3,5-Trimethylbenzene	11.356	105	371985	10.296	ug/L	100
91)	1,2,3-Trichloropropane	11.363	75	61916	9.981	ug/L	98
92)	trans-1,4-Dichloro-2-b...	11.420	53	20934	9.520	ug/L	93
93)	4-Chlorotoluene	11.483	91	314460	10.041	ug/L	99
94)	tert-Butylbenzene	11.696	119	325101	10.496	ug/L	98
97)	1,2,4-Trimethylbenzene	11.781	105	349897	10.415	ug/L	100
98)	sec-Butylbenzene	11.887	105	487767	10.985	ug/L	98
99)	p-Isopropyltoluene	12.042	119	403472	9.642	ug/L	98
100)	1,3-Dichlorobenzene	12.113	146	226959	10.278	ug/L	99
101)	1,4-Dichlorobenzene	12.205	146	229260	10.319	ug/L	97
102)	p-Diethylbenzene	12.417	119	226544	9.742	ug/L	99
103)	n-Butylbenzene	12.474	91	334967	9.880	ug/L	99
104)	1,2-Dichlorobenzene	12.629	146	202141	10.301	ug/L	99
105)	1,2,4,5-Tetramethylben...	13.216	119	209571	8.354	ug/L	99
106)	1,2-Dibromo-3-chloropr...	13.414	155	11123	9.976	ug/L	96
107)	1,3,5-Trichlorobenzene	13.443	180	131287	10.908	ug/L	99
108)	Hexachlorobutadiene	14.009	225	52468	10.452	ug/L	99
109)	1,2,4-Trichlorobenzene	14.044	180	83899	10.121	ug/L	99
110)	Naphthalene	14.334	128	105165	9.880	ug/L	100
111)	1,2,3-Trichlorobenzene	14.504	180	57968	10.074	ug/L	99

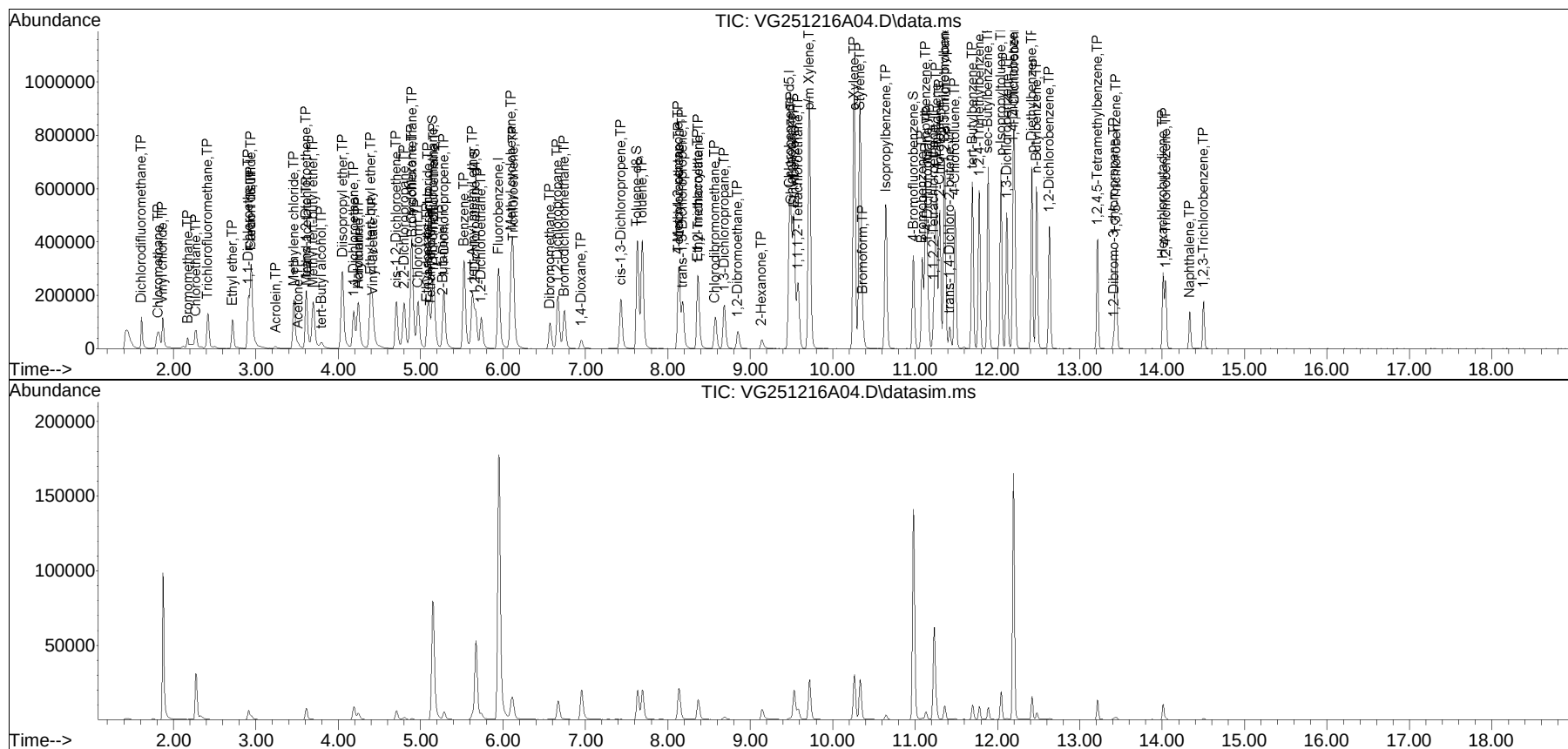
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path   : K:\Gonzo\2025\251216A\  
Data File  : VG251216A04.D  
Acq On     : 16 Dec 2025    8:30 am  
Operator   : GONZO:PID  
Sample     : WG2155134-2 (Sig #1); 8260 CCAL (Sig #2)  
Misc       : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)  
ALS Vial   : 4    Sample Multiplier: 1
```

Quant Time: Dec 16 09:20:18 2025
Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

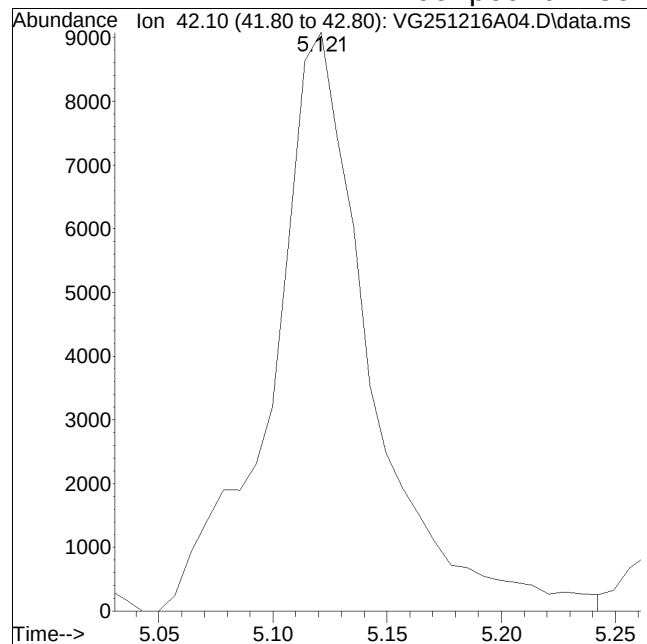


Manual Integration Report

Data Path : K:\Gonzo\2025\251216A\
Data File : VG251216A04.D
Date Inj'd : 12/16/2025 8:30 am
Sample : WG2155134-2

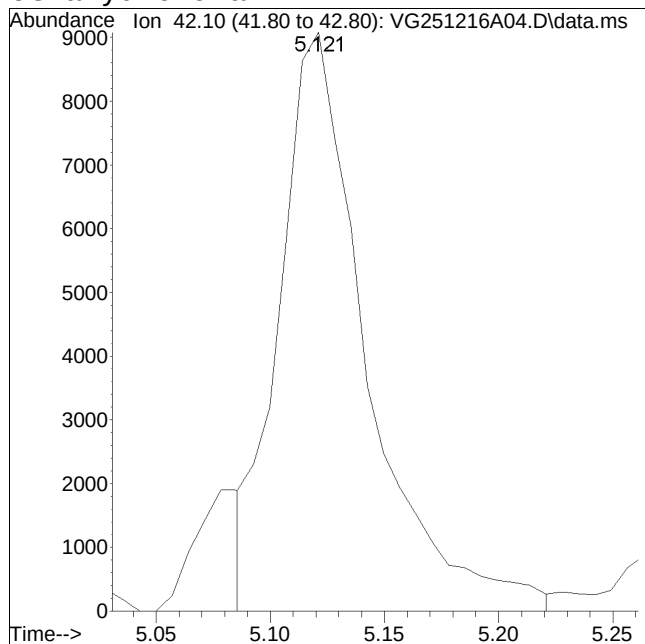
QMethod : G_251024A_8260.m
Operator : GONZO:PID
Instrument : Gonzo
Quant Date : 12/16/2025 9:19 am

Compound #35: Tetrahydrofuran



Original Peak Response = 27234

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



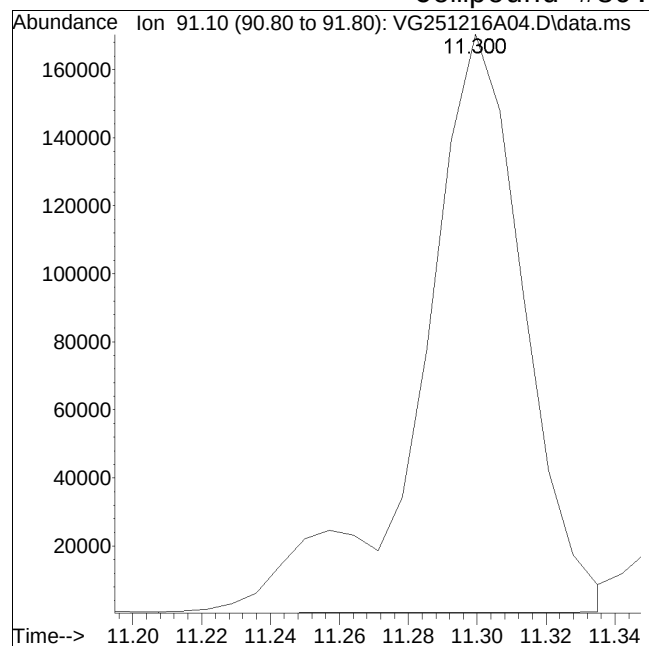
Manual Peak Response = 24145 M6

Manual Integration Report

Data Path : K:\Gonzo\2025\251216A\
Data File : VG251216A04.D
Date Inj'd : 12/16/2025 8:30 am
Sample : WG2155134-2

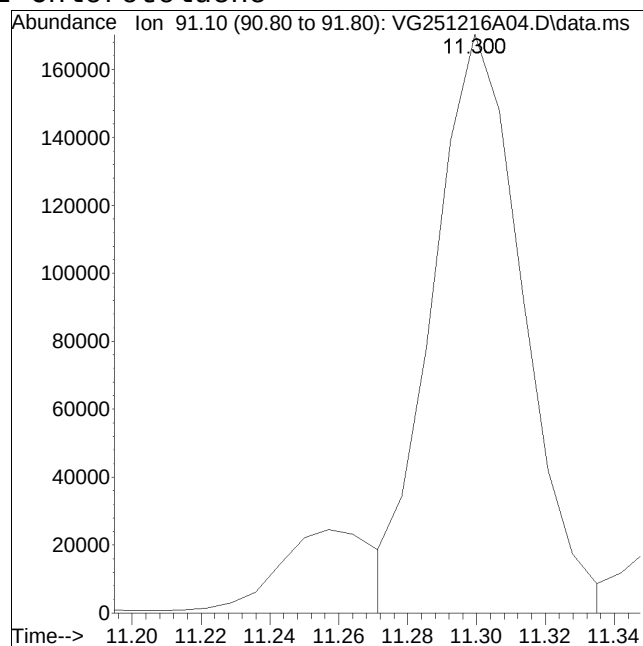
QMethod : G_251024A_8260.m
Operator : GONZO:PID
Instrument : Gonzo
Quant Date : 12/16/2025 9:19 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 354979

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



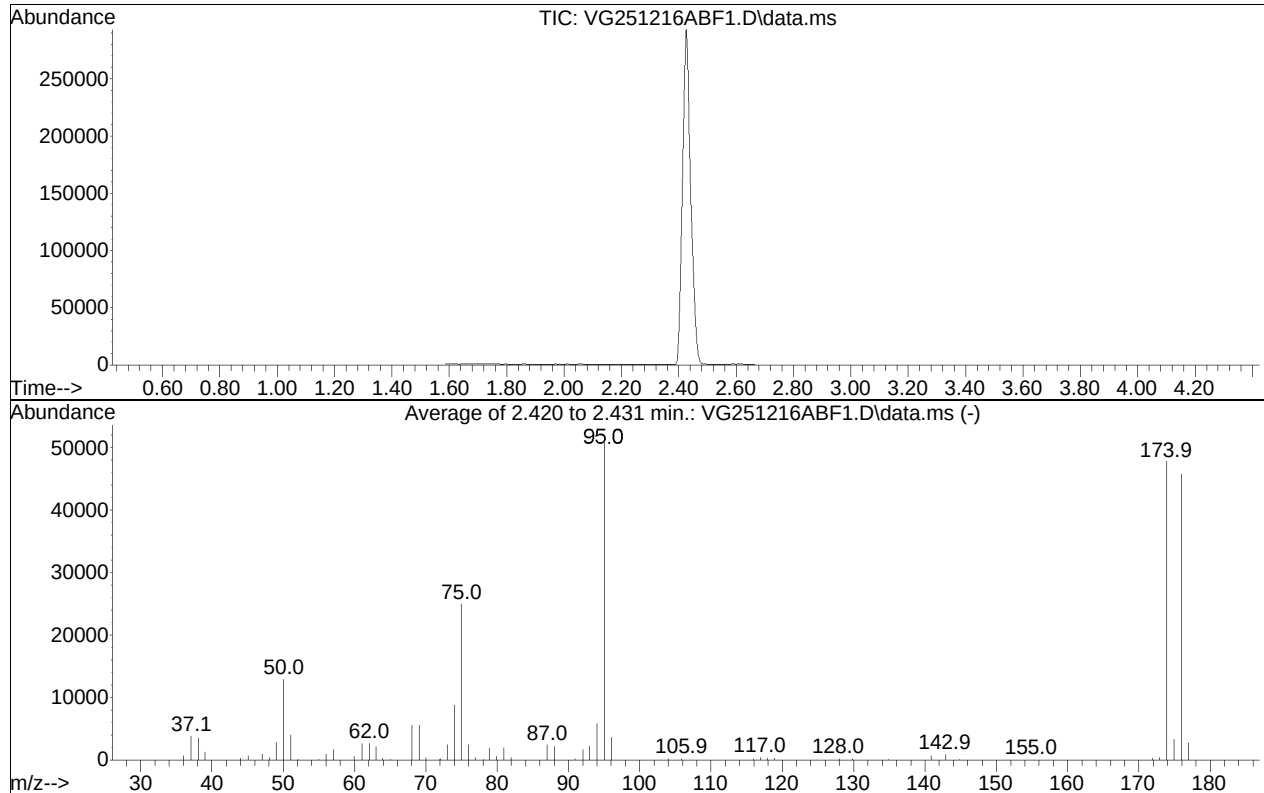
Manual Peak Response = 309635 M6

BFB

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216ABF1.D
 Acq On : 16 Dec 2025 6:55 am
 Operator : GONZO:PID
 Sample : WG2155134-1
 Misc : WG2155134,ICAL22763
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Title : VOLATILES BY GC/MS
 Last Update : Sun Oct 26 12:35:39 2025



AutoFind: Scans 160, 161, 162; Background Corrected with Scan 152

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.2	12885	PASS
75	95	30	60	49.0	25024	PASS
95	95	100	100	100.0	51096	PASS
96	95	5	9	7.1	3625	PASS
173	174	0.00	2	0.8	383	PASS
174	95	50	100	93.5	47784	PASS
175	174	5	9	7.1	3379	PASS
176	174	95	101	95.8	45800	PASS
177	176	5	9	6.0	2740	PASS

Volatiles Raw QC Data

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A07.D
 Acq On : 16 Dec 2025 9:49 am
 Operator : GONZO:PID
 Sample : WG2155134-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 16 10:43:21 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251216A\VG251216A04.D
 Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

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

Internal Standards						
1) Fluorobenzene	5.950	96	302468	10.000	ug/L	0.00
Standard Area 1 = 334860			Recovery	=	90.33%	
59) Chlorobenzene-d5	9.477	117	244221	10.000	ug/L	0.00
Standard Area 1 = 268101			Recovery	=	91.09%	
79) 1,4-Dichlorobenzene-d4	12.198	152	139037	10.000	ug/L	0.00
Standard Area 1 = 158798			Recovery	=	87.56%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	83414	10.448	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	104.48%	
43) 1,2-Dichloroethane-d4	5.667	65	88897	10.324	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.24%	
60) Toluene-d8	7.636	98	295950	9.422	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	94.22%	
83) 4-Bromofluorobenzene	10.981	95	107709	9.904	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	99.04%	
Target Compounds						Qvalue
4) Vinyl chloride	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
15) Methylene chloride	0.000		0		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D.	
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	

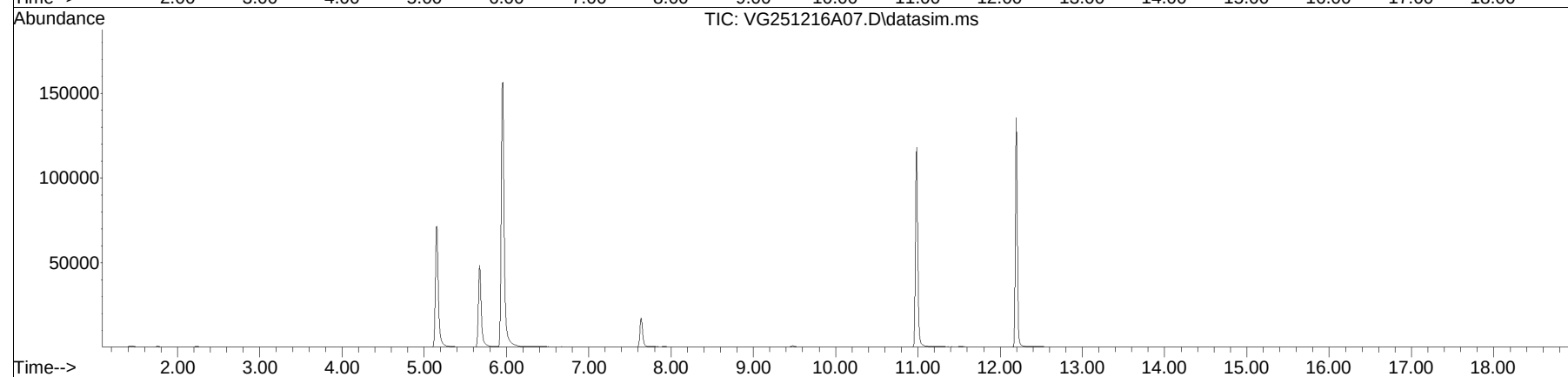
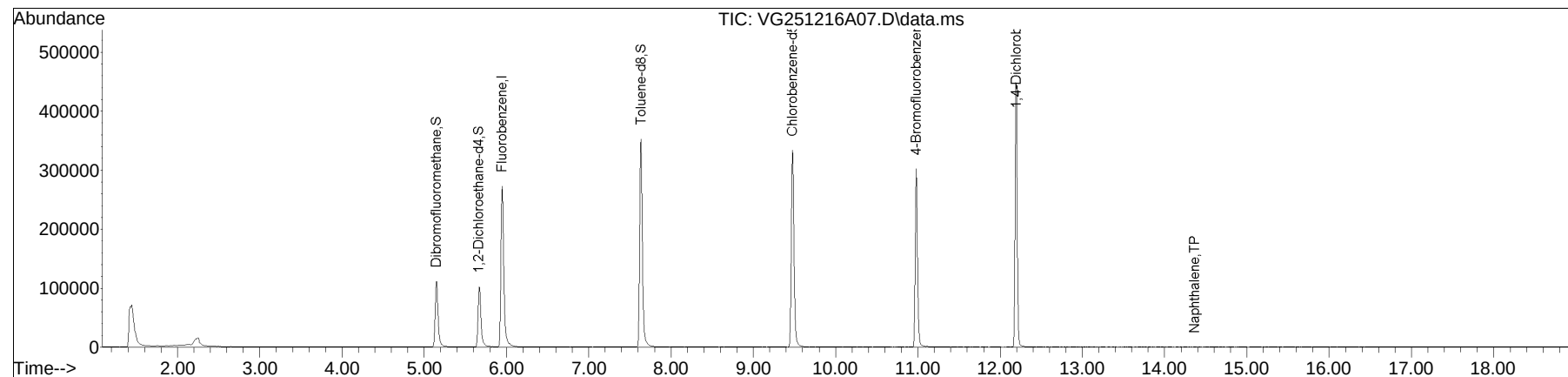
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A07.D
 Acq On : 16 Dec 2025 9:49 am
 Operator : GONZO:PID
 Sample : WG2155134-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 16 10:43:21 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane



Manual Integration Report

Data Path	: K:\Gonzo\2025\251216A\	QMethod	: G_251024A_8260.m
Data File	: VG251216A07.D	Operator	: GONZO:PID
Date Inj'd	: 12/16/2025 9:49 am	Instrument	: Gonzo
Sample	: WG2155134-5,31,10,10	Quant Date	: 12/16/2025 10:43 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A04.D
 Acq On : 16 Dec 2025 8:30 am
 Operator : GONZO:PID
 Sample : WG2155134-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 09:20:18 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

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

Internal Standards						
1) Fluorobenzene	5.949	96	334860	10.000	ug/L	0.00
59) Chlorobenzene-d5	9.477	117	268101	10.000	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	12.191	152	158798	10.000	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	86851	9.826	ug/L	0.00
Spiked Amount	10.000	Range 70 - 130	Recovery	=	98.26%	
43) 1,2-Dichloroethane-d4	5.667	65	98440	10.327	ug/L	0.00
Spiked Amount	10.000	Range 70 - 130	Recovery	=	103.27%	
60) Toluene-d8	7.629	98	332100	9.631	ug/L	0.00
Spiked Amount	10.000	Range 70 - 130	Recovery	=	96.31%	
83) 4-Bromofluorobenzene	10.981	95	123902	9.975	ug/L	0.00
Spiked Amount	10.000	Range 70 - 130	Recovery	=	99.75%	
Target Compounds						
						Qvalue
4) Vinyl chloride	1.870	62	96752	9.550	ug/L	98
10) 1,1-Dichloroethene	2.909	96	73351	10.020	ug/L	100
15) Methylene chloride	3.463	84	82829	9.459	ug/L	88
28) cis-1,2-Dichloroethene	4.708	96	93393	10.098	ug/L	96
32) Chloroform	4.972	83	152772	10.009	ug/L	96
34) Carbon tetrachloride	5.093	117	119326	9.991	ug/L	97
37) 1,1,1-Trichloroethane	5.164	97	128872	9.875	ug/L	98
48) Trichloroethene	6.126	95	89888	9.598	ug/L	99
63) Tetrachloroethene	8.137	166	105060	10.201	ug/L	100

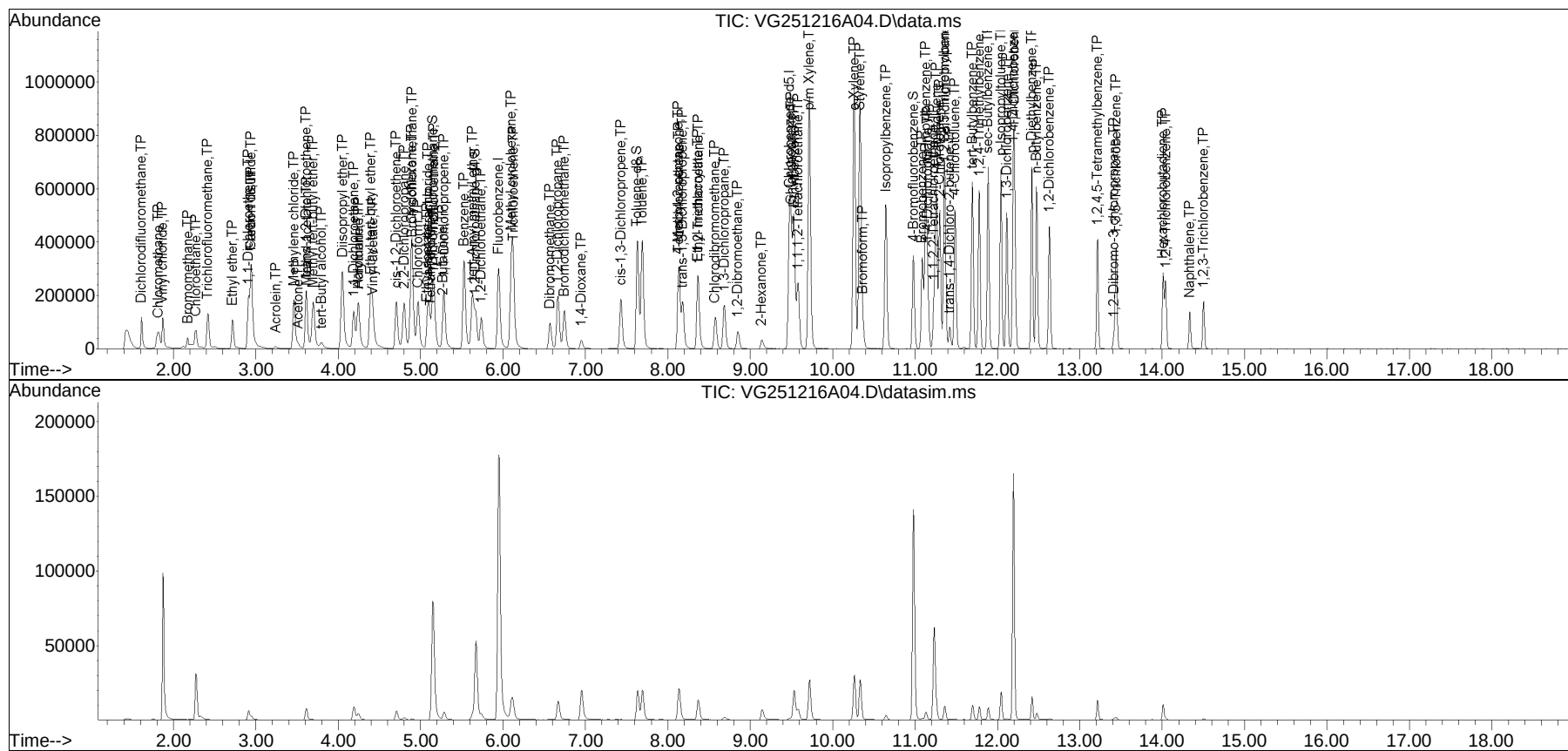
(#) = qualifier out of range (m) = manual integration (+) = signals summed

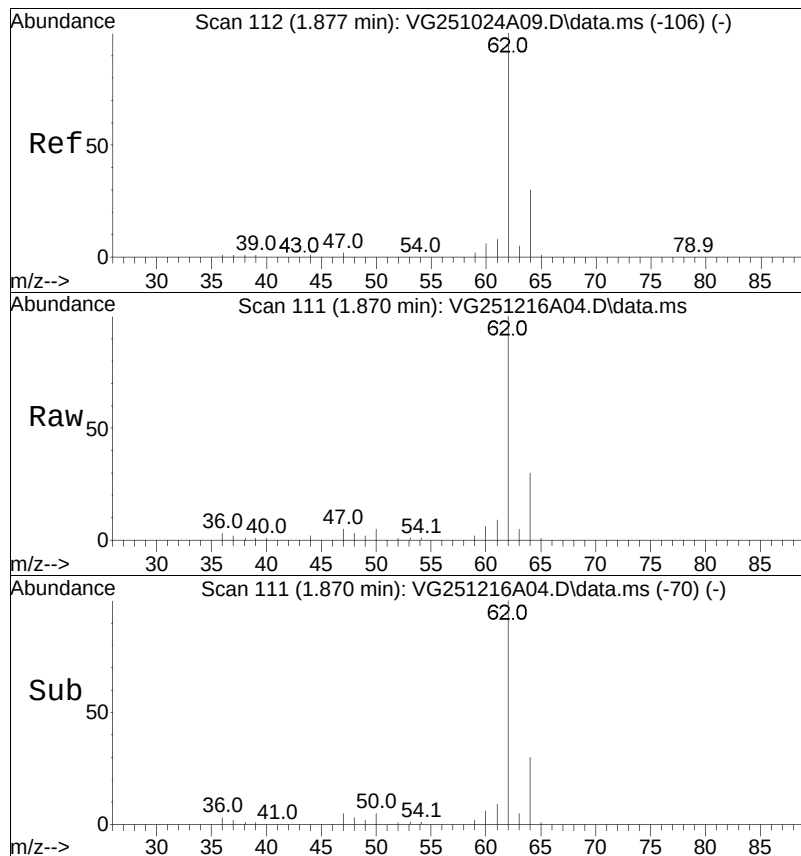
(QT Reviewed)

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Data Path   : K:\Gonzo\2025\251216A\  
Data File  : VG251216A04.D  
Acq On     : 16 Dec 2025    8:30 am  
Operator   : GONZO:PID  
Sample     : WG2155134-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)  
Misc       : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)  
ALS Vial   : 4    Sample Multiplier: 1
```

Quant Time: Dec 16 09:20:18 2025
Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

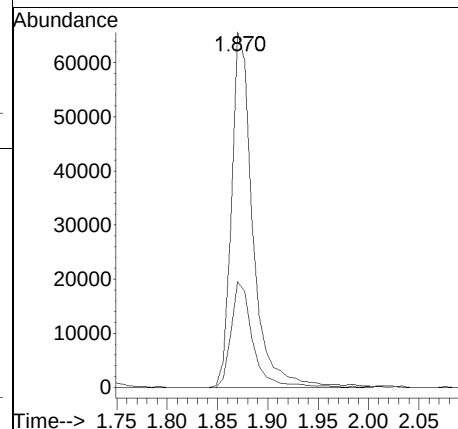
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

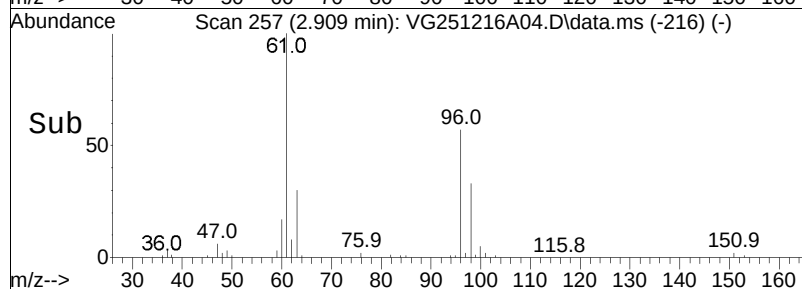
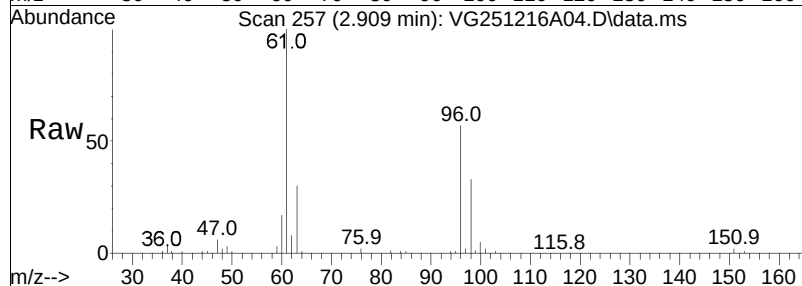
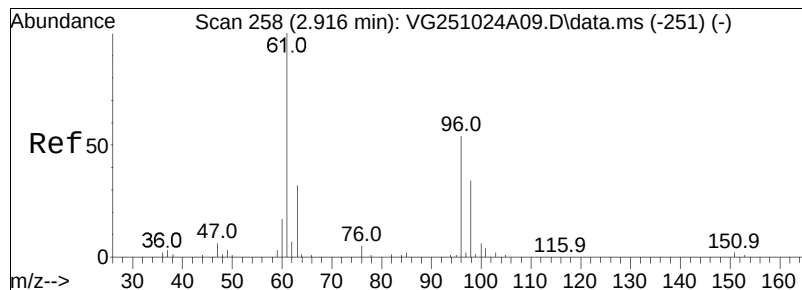




#4
 Vinyl chloride
 Concen: 9.55 ug/L
 RT: 1.870 min Scan# 111
 Delta R.T. -0.007 min
 Lab File: VG251216A04.D
 Acq: 16 Dec 2025 8:30 am

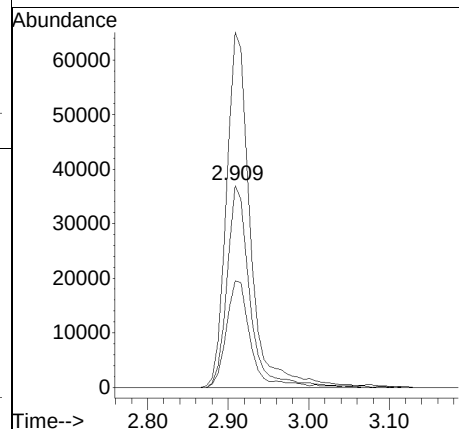
Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.2	11.1	51.1

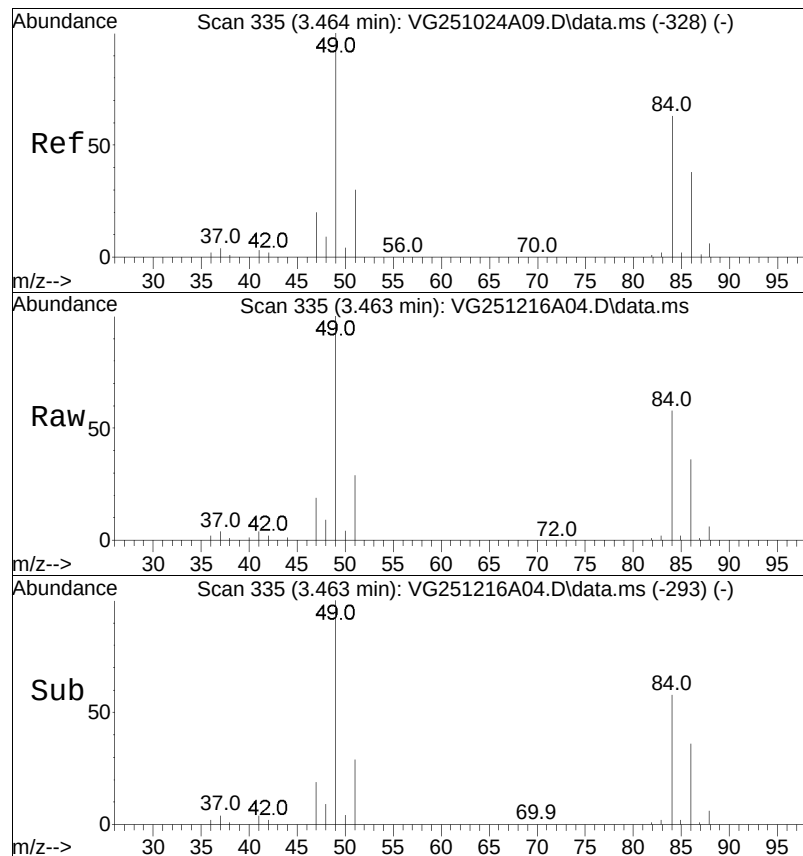




#10
 1,1-Dichloroethene
 Concen: 10.02 ug/L
 RT: 2.909 min Scan# 257
 Delta R.T. -0.007 min
 Lab File: VG251216A04.D
 Acq: 16 Dec 2025 8:30 am

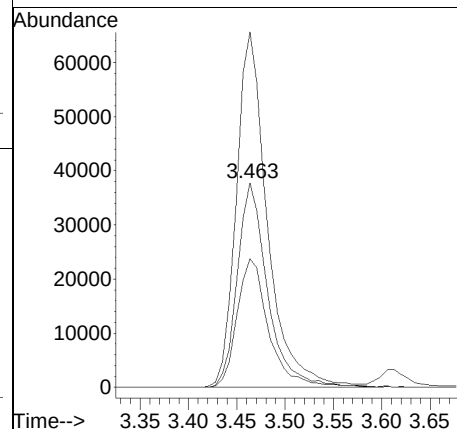
Tgt Ion:	96	Resp:	73351
Ion Ratio	Lower	Upper	
96	100		
61	183.3	146.3	219.5
63	56.3	45.8	68.6

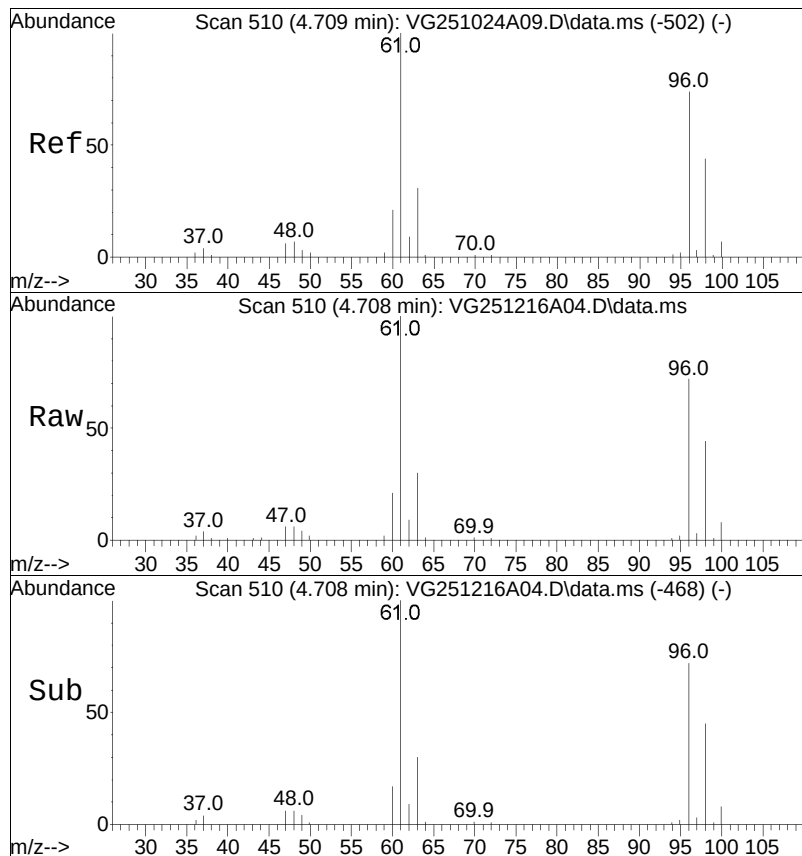




#15
 Methylene chloride
 Concen: 9.46 ug/L
 RT: 3.463 min Scan# 335
 Delta R.T. -0.001 min
 Lab File: VG251216A04.D
 Acq: 16 Dec 2025 8:30 am

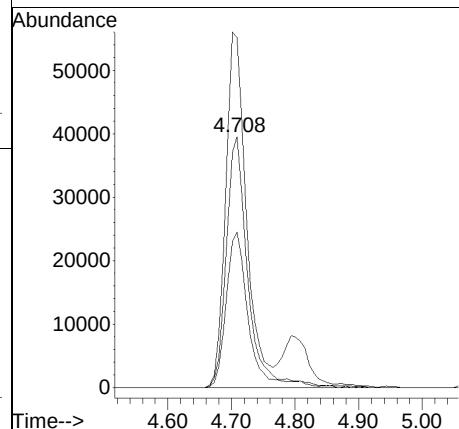
Tgt Ion	Ratio	Lower	Upper
84	100		
86	65.8	40.3	83.7
49	176.9	102.6	213.0

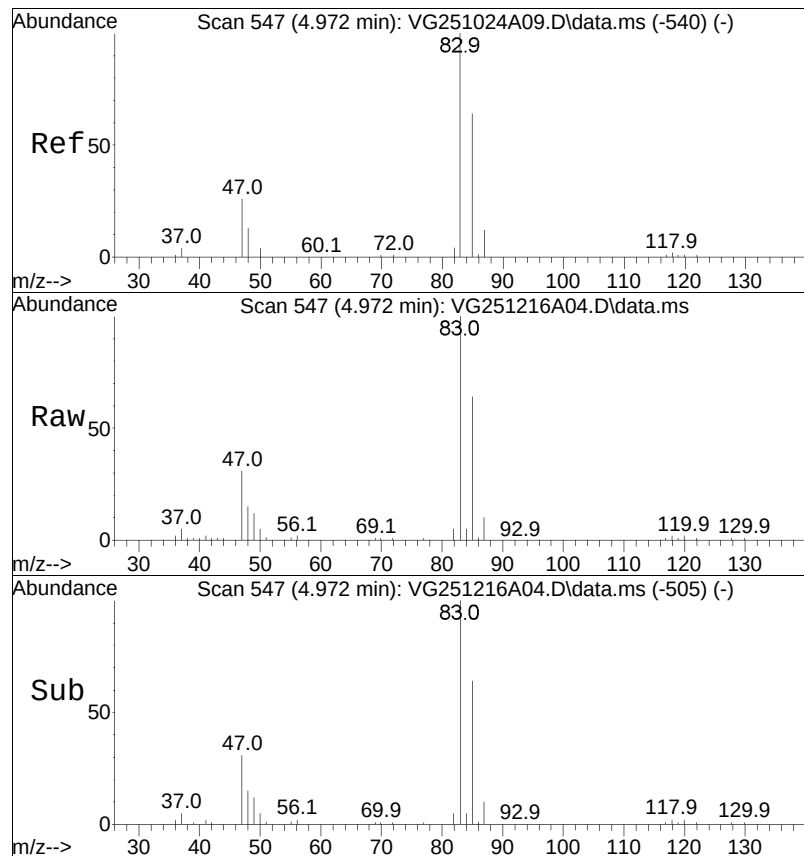




#28
 cis-1,2-Dichloroethene
 Concen: 10.10 ug/L
 RT: 4.708 min Scan# 510
 Delta R.T. -0.000 min
 Lab File: VG251216A04.D
 Acq: 16 Dec 2025 8:30 am

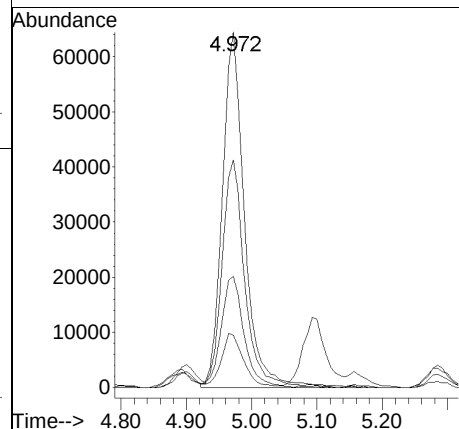
Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.0	104.9	157.3
98	63.7	48.6	72.8

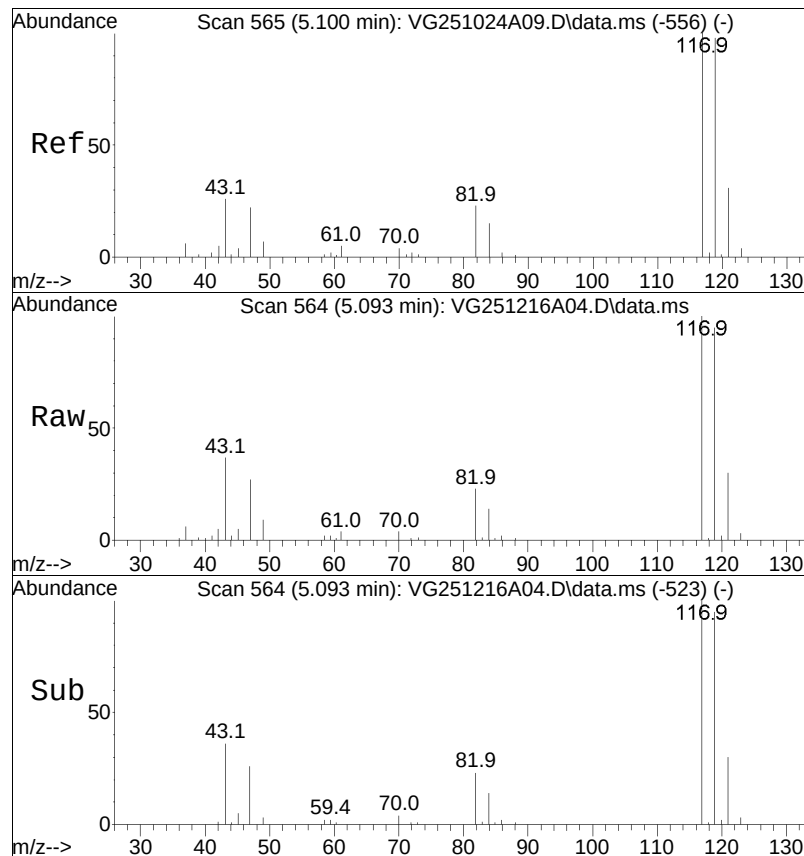




#32
 Chloroform
 Concen: 10.01 ug/L
 RT: 4.972 min Scan# 547
 Delta R.T. -0.000 min
 Lab File: VG251216A04.D
 Acq: 16 Dec 2025 8:30 am

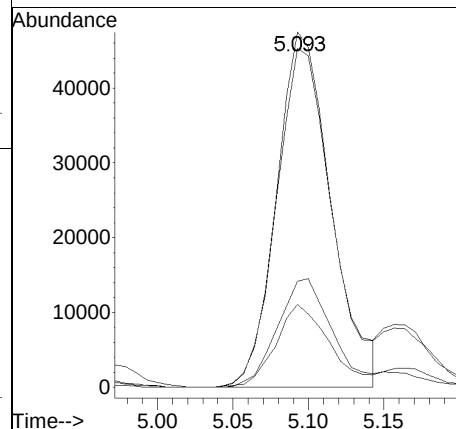
Tgt	Ion: 83	Resp:	152772
Ion	Ratio	Lower	Upper
83	100		
85	63.2	42.1	87.3
47	31.5	17.2	35.8
48	15.5	9.6	20.0

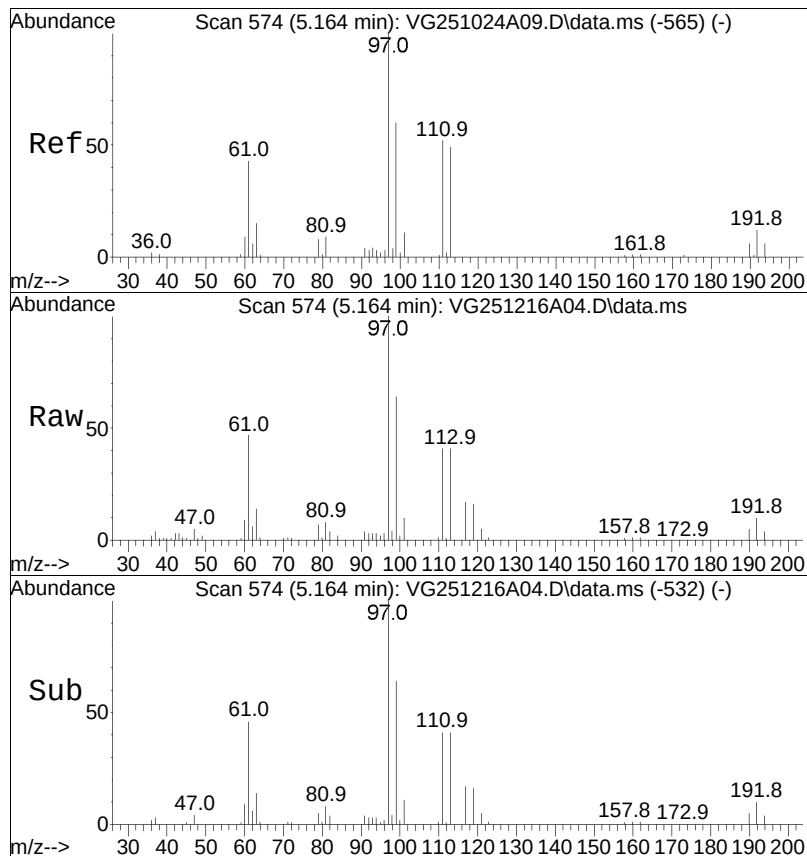




#34
Carbon tetrachloride
Concen: 9.99 ug/L
RT: 5.093 min Scan# 564
Delta R.T. -0.007 min
Lab File: VG251216A04.D
Acq: 16 Dec 2025 8:30 am

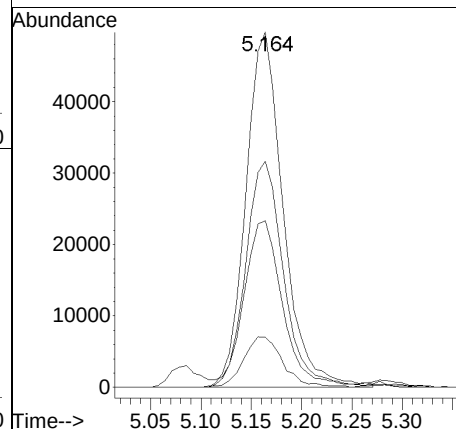
Tgt	Ion:117	Resp:	119326
Ion	Ratio	Lower	Upper
117	100		
119	96.8	61.9	128.5
121	30.7	19.5	40.5
82	23.3	17.7	36.9

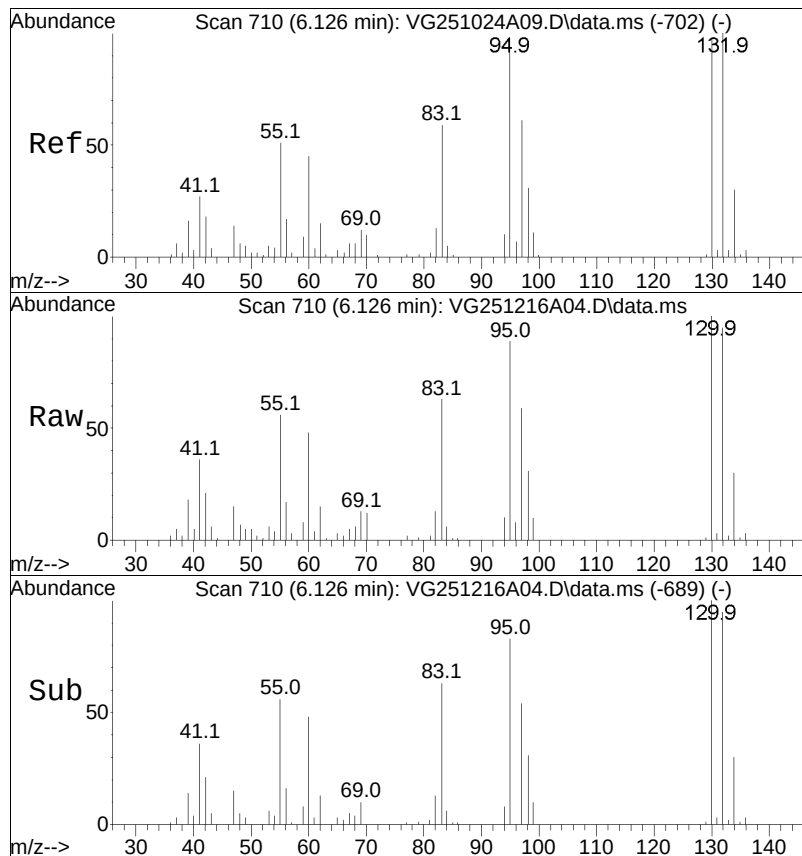




#37
 1,1,1-Trichloroethane
 Concen: 9.88 ug/L
 RT: 5.164 min Scan# 574
 Delta R.T. -0.000 min
 Lab File: VG251216A04.D
 Acq: 16 Dec 2025 8:30 am

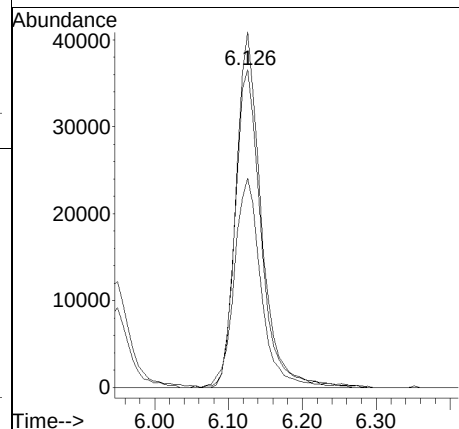
Tgt Ion:	97	Resp:	128872
Ion Ratio	Lower	Upper	
97	100		
99	64.4	40.5	84.1
61	48.4	31.2	64.8
63	15.0	9.6	20.0

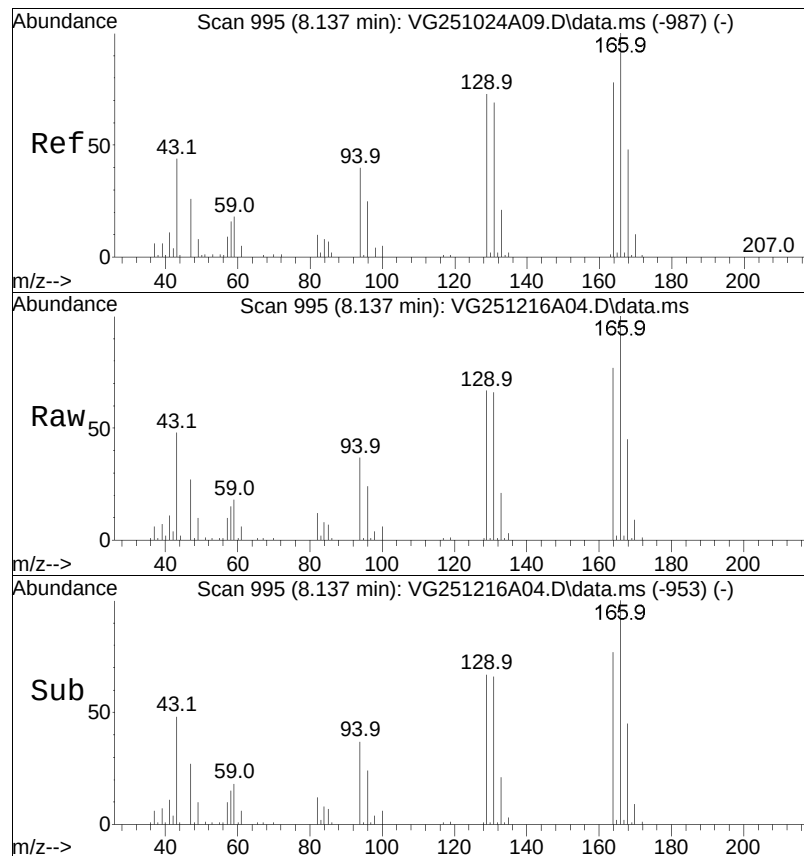




#48
 Trichloroethene
 Concen: 9.60 ug/L
 RT: 6.126 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VG251216A04.D
 Acq: 16 Dec 2025 8:30 am

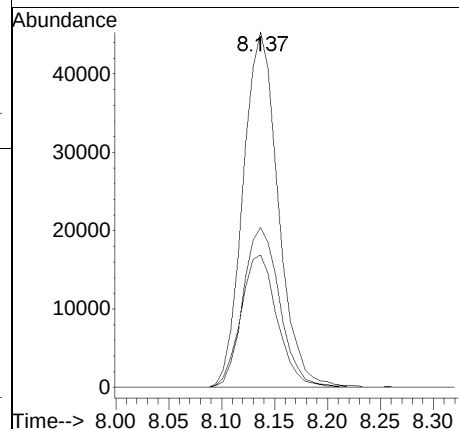
Tgt Ion:	95	Resp:	89888
Ion Ratio	Lower	Upper	
95	100		
97	68.2	54.1	81.1
130	108.3	87.6	131.4





#63
Tetrachloroethene
Concen: 10.20 ug/L
RT: 8.137 min Scan# 995
Delta R.T. -0.000 min
Lab File: VG251216A04.D
Acq: 16 Dec 2025 8:30 am

Tgt	Ion:166	Resp:	105060
Ion	Ratio	Lower	Upper
166	100		
168	46.6	26.8	66.8
94	38.5	18.2	58.2



Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A05.D
 Acq On : 16 Dec 2025 8:56 am
 Operator : GONZO:PID
 Sample : WG2155134-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 16 09:21:24 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251216A\VG251216A04.D
 Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

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

Internal Standards						
1) Fluorobenzene	5.949	96	342485	10.000	ug/L	0.00
Standard Area 1 = 334860			Recovery	=	102.28%	
59) Chlorobenzene-d5	9.477	117	273582	10.000	ug/L	0.00
Standard Area 1 = 268101			Recovery	=	102.04%	
79) 1,4-Dichlorobenzene-d4	12.191	152	165689	10.000	ug/L	0.00
Standard Area 1 = 158798			Recovery	=	104.34%	
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	87637	9.695	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.95%	
43) 1,2-Dichloroethane-d4	5.667	65	101136	10.373	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	103.73%	
60) Toluene-d8	7.636	98	337880	9.603	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	96.03%	
83) 4-Bromofluorobenzene	10.981	95	127790	9.860	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	98.60%	
Target Compounds						
						Qvalue
4) Vinyl chloride	1.870	62	92879	8.963	ug/L	100
10) 1,1-Dichloroethene	2.909	96	69992	9.349	ug/L	96
15) Methylene chloride	3.463	84	82227	9.181	ug/L	88
28) cis-1,2-Dichloroethene	4.708	96	91366	9.659	ug/L	95
32) Chloroform	4.972	83	142678	9.139	ug/L	93
34) Carbon tetrachloride	5.093	117	115683	9.470	ug/L	97
37) 1,1,1-Trichloroethane	5.164	97	127726	9.570	ug/L	99
48) Trichloroethene	6.126	95	87218	9.106	ug/L	99
63) Tetrachloroethene	8.137	166	99055	9.426	ug/L	97

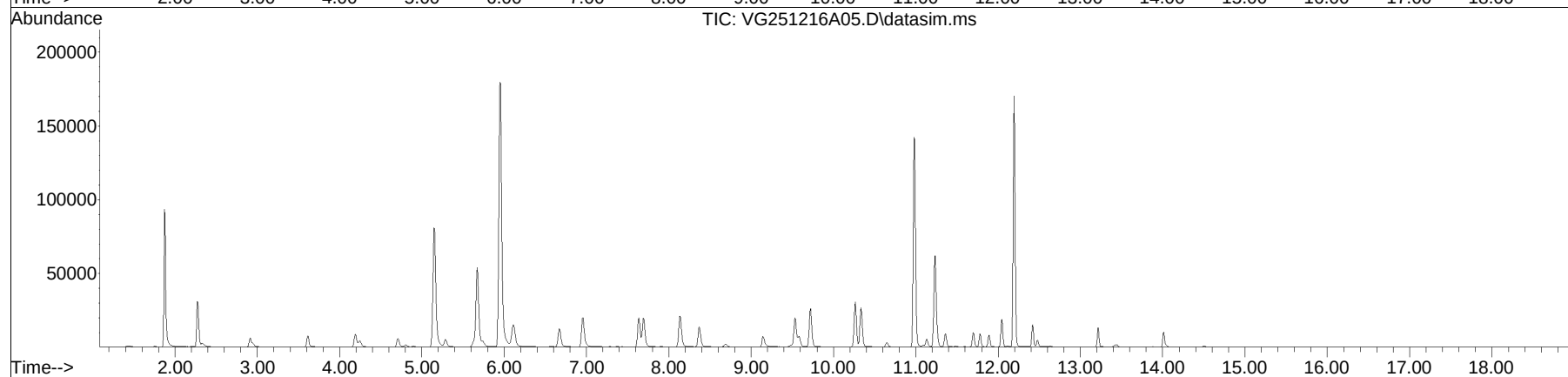
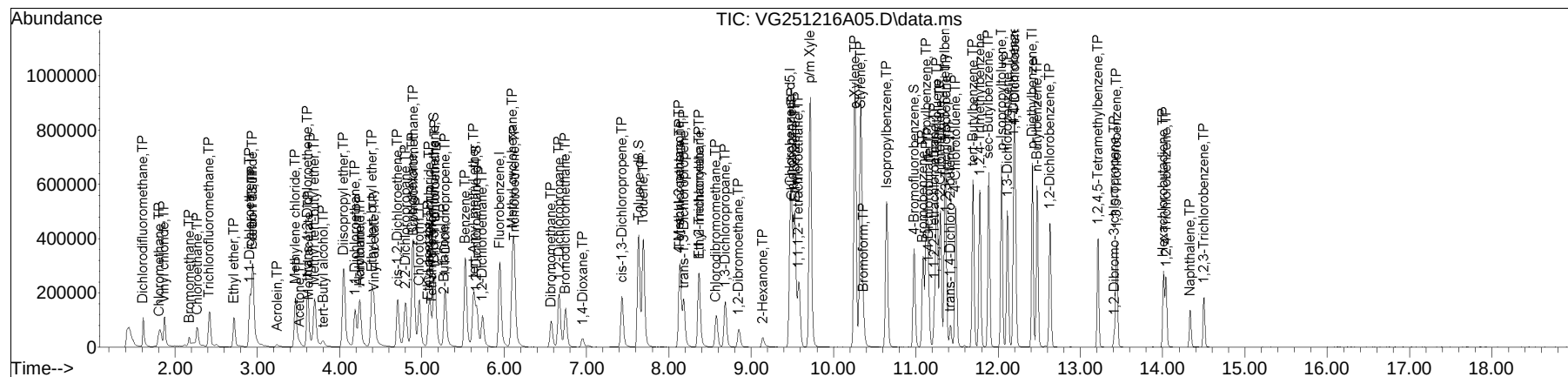
(#) = qualifier out of range (m) = manual integration (+) = signals summed

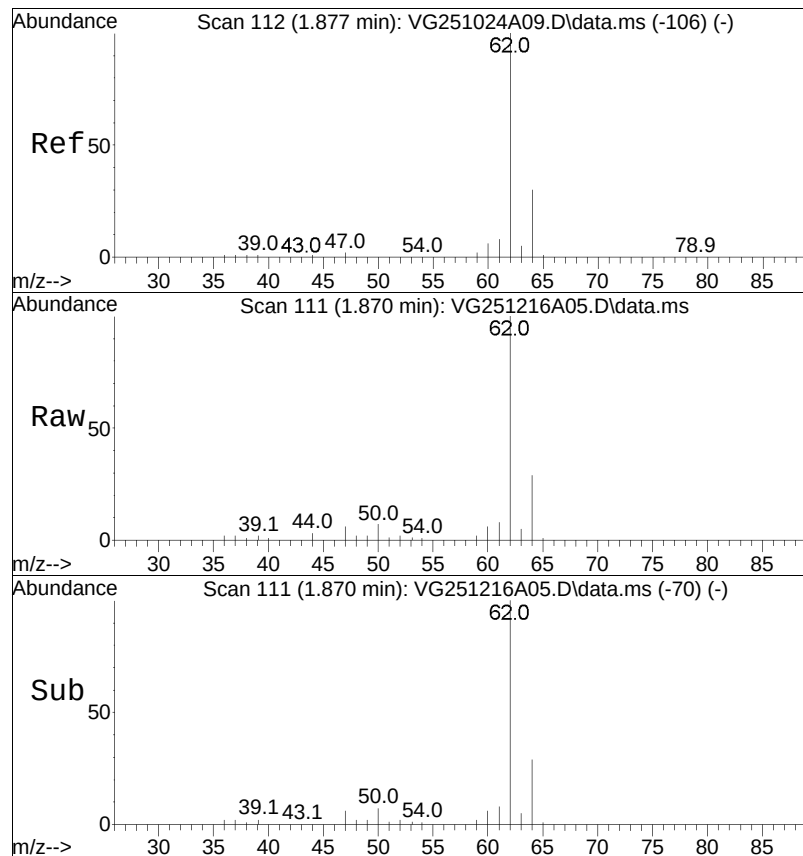
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251216A\
 Data File : VG251216A05.D
 Acq On : 16 Dec 2025 8:56 am
 Operator : GONZO:PID
 Sample : WG2155134-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
 Misc : WG2155134,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 16 09:21:24 2025
 Quant Method : K:\Gonzo\2025\251216A\G_251024A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Oct 26 12:35:39 2025
 Response via : Initial Calibration

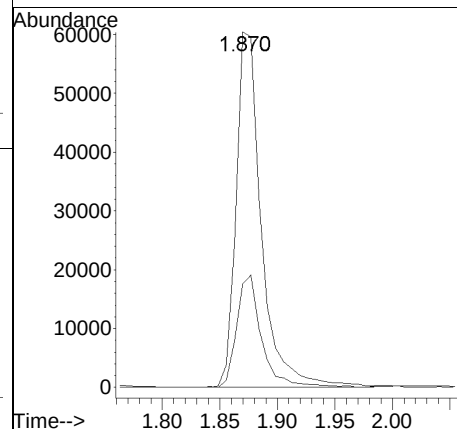
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

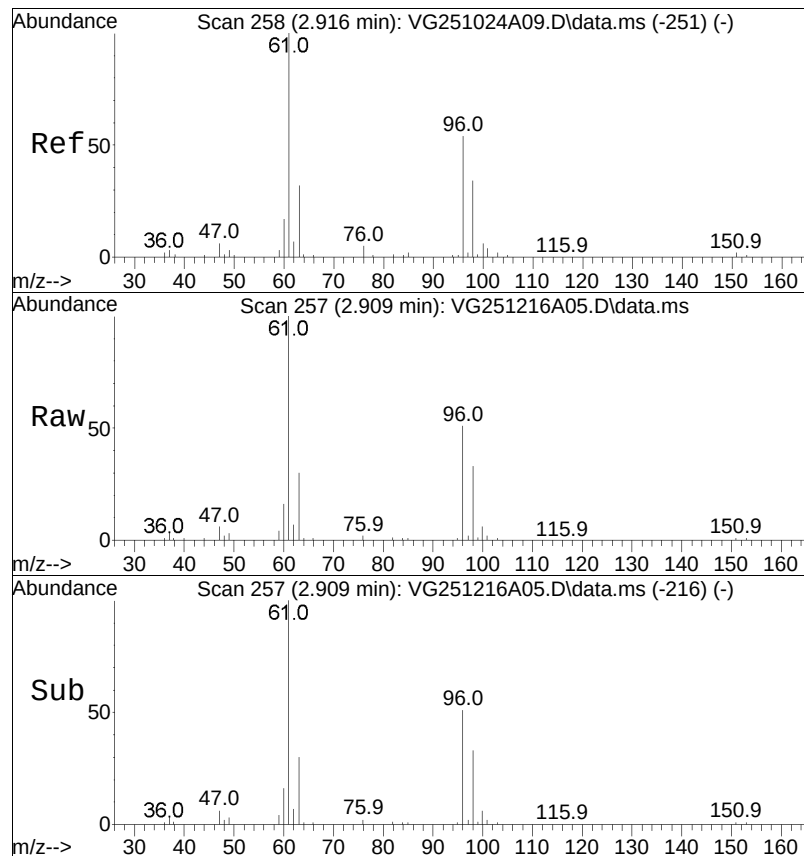




#4
 Vinyl chloride
 Concen: 8.96 ug/L
 RT: 1.870 min Scan# 111
 Delta R.T. -0.007 min
 Lab File: VG251216A05.D
 Acq: 16 Dec 2025 8:56 am

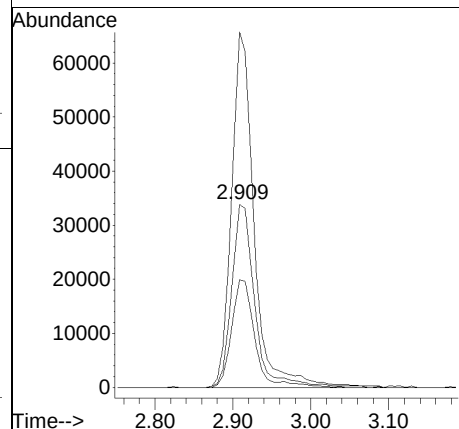
Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.0	11.1	51.1

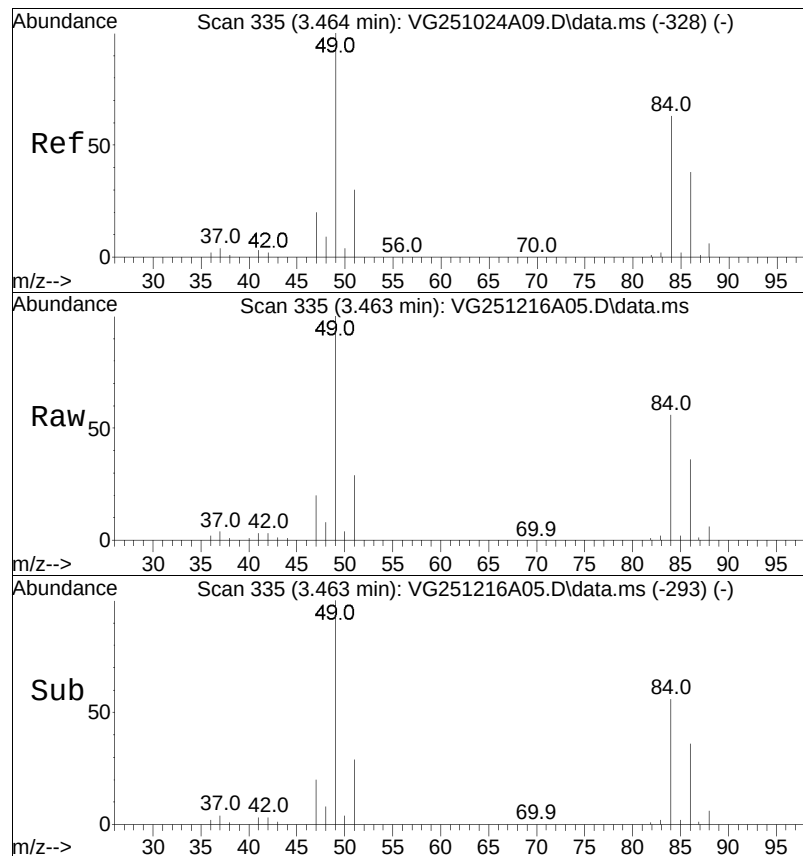




#10
 1,1-Dichloroethene
 Concen: 9.35 ug/L
 RT: 2.909 min Scan# 257
 Delta R.T. -0.007 min
 Lab File: VG251216A05.D
 Acq: 16 Dec 2025 8:56 am

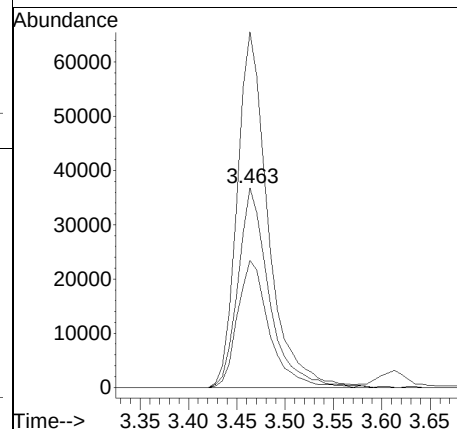
Tgt Ion:	96	Resp:	69992
Ion Ratio	Lower	Upper	
96	100		
61	189.1	146.3	219.5
63	58.8	45.8	68.6

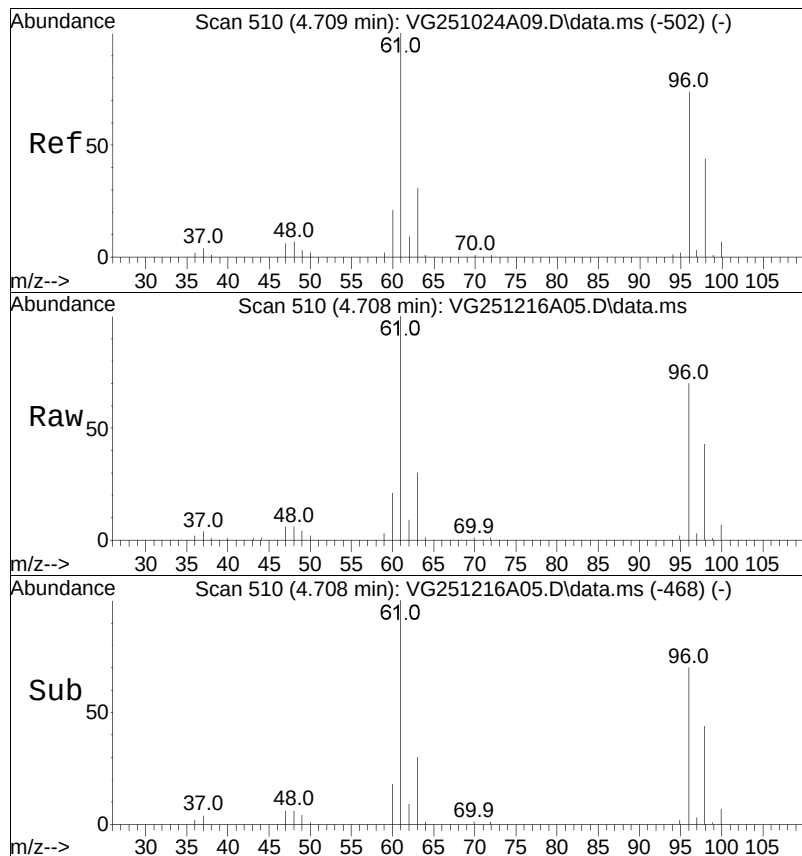




#15
 Methylene chloride
 Concen: 9.18 ug/L
 RT: 3.463 min Scan# 335
 Delta R.T. -0.001 min
 Lab File: VG251216A05.D
 Acq: 16 Dec 2025 8:56 am

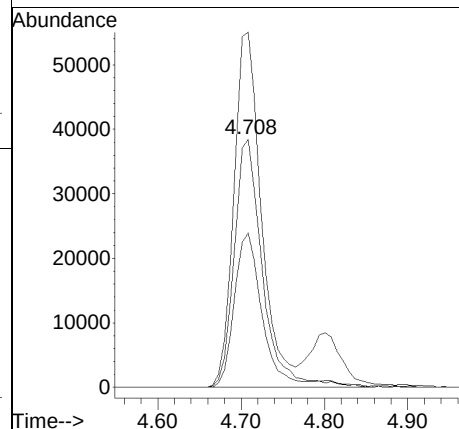
Tgt Ion	Ratio	Lower	Upper
84	100		
86	65.0	40.3	83.7
49	177.1	102.6	213.0

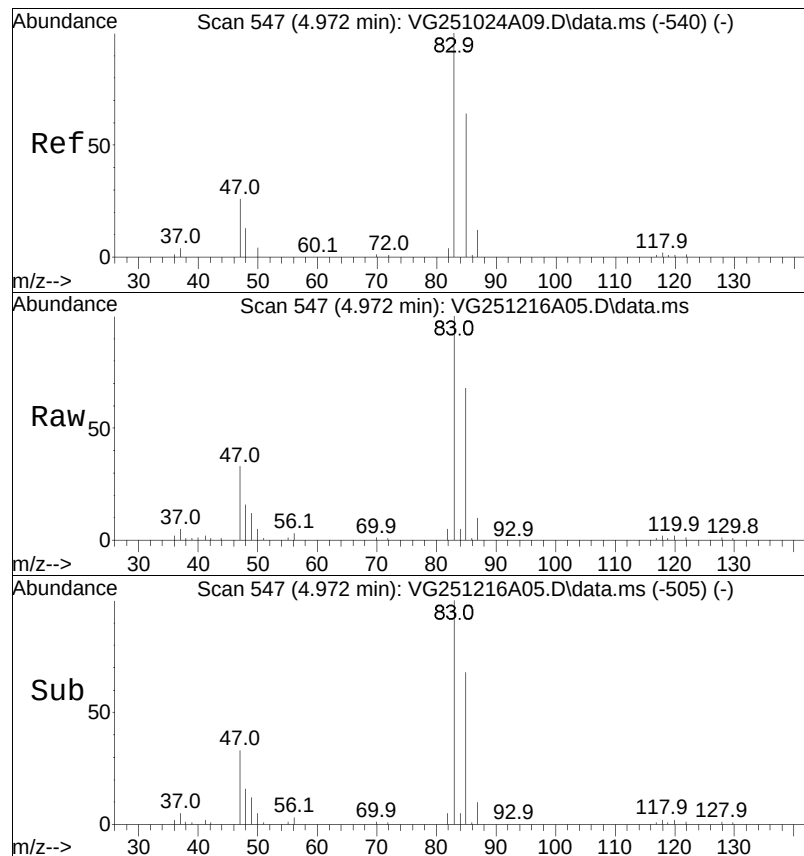




#28
 cis-1,2-Dichloroethene
 Concen: 9.66 ug/L
 RT: 4.708 min Scan# 510
 Delta R.T. -0.001 min
 Lab File: VG251216A05.D
 Acq: 16 Dec 2025 8:56 am

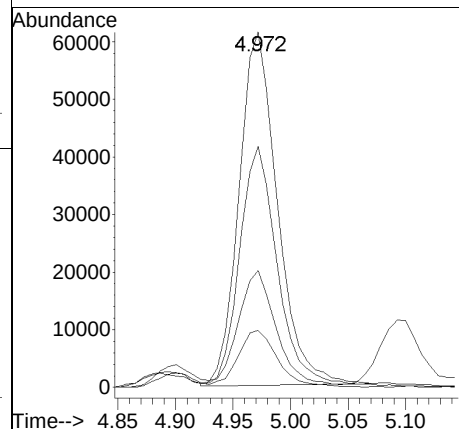
Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.0	104.9	157.3
98	63.0	48.6	72.8

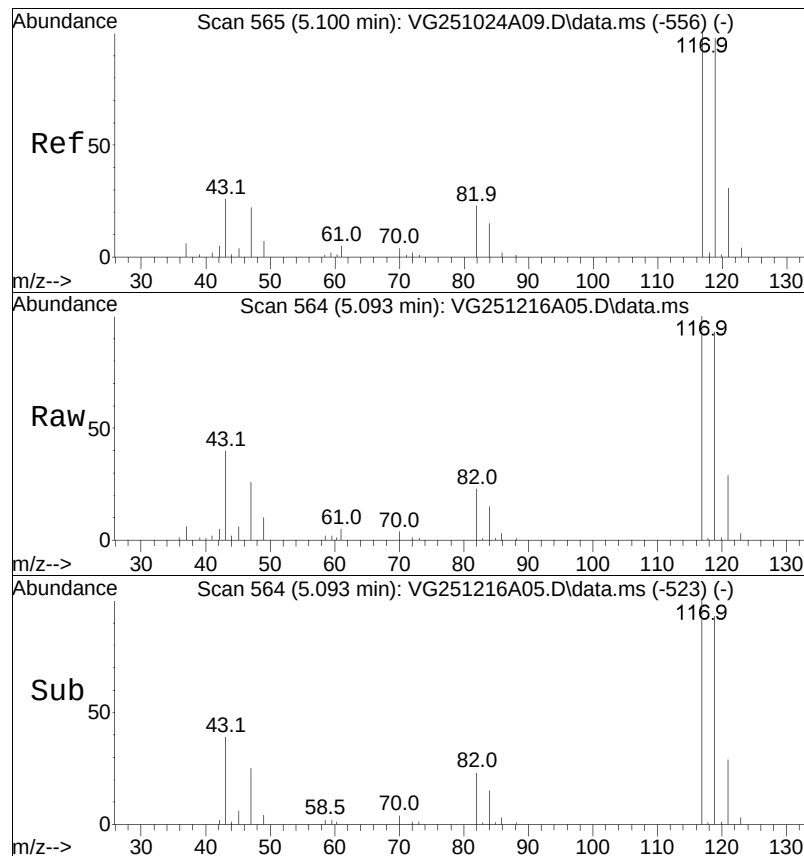




#32
 Chloroform
 Concen: 9.14 ug/L
 RT: 4.972 min Scan# 547
 Delta R.T. -0.000 min
 Lab File: VG251216A05.D
 Acq: 16 Dec 2025 8:56 am

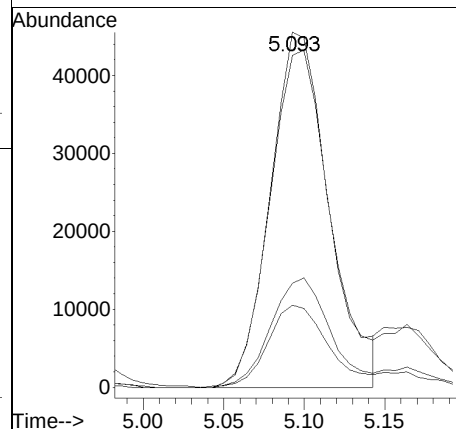
Tgt	Ion: 83	Resp:	142678
Ion	Ratio	Lower	Upper
83	100		
85	69.0	42.1	87.3
47	33.2	17.2	35.8
48	16.9	9.6	20.0

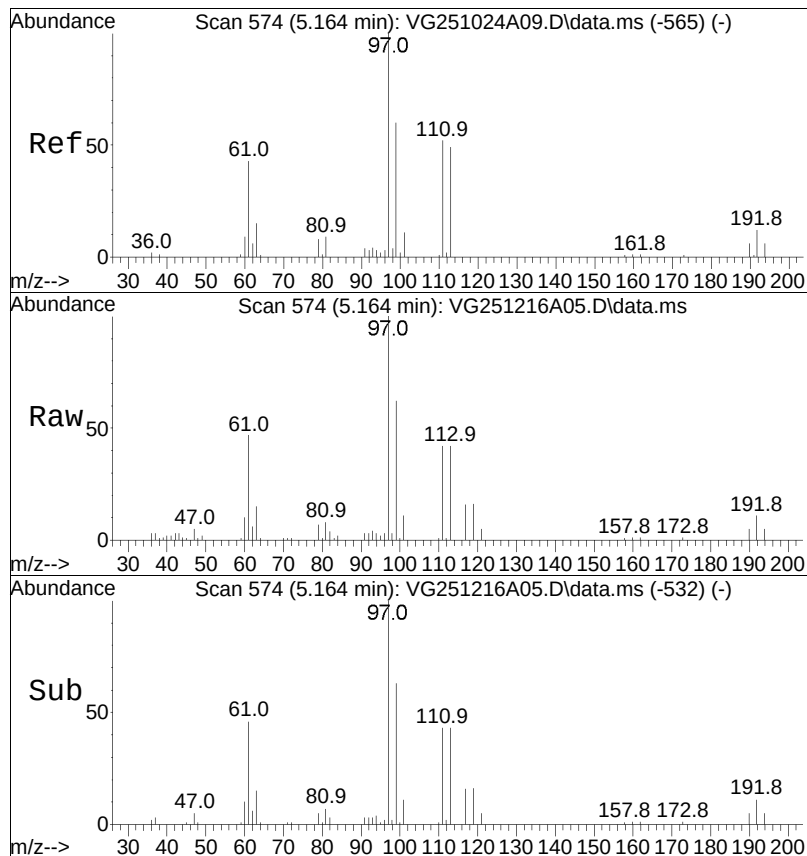




#34
 Carbon tetrachloride
 Concen: 9.47 ug/L
 RT: 5.093 min Scan# 564
 Delta R.T. -0.007 min
 Lab File: VG251216A05.D
 Acq: 16 Dec 2025 8:56 am

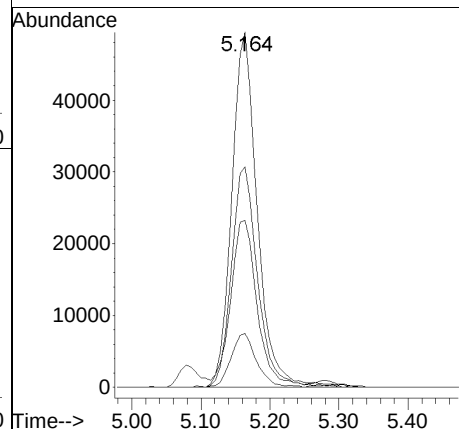
Tgt	Ion:117	Resp:	115683
Ion	Ratio	Lower	Upper
117	100		
119	97.0	61.9	128.5
121	31.2	19.5	40.5
82	23.9	17.7	36.9

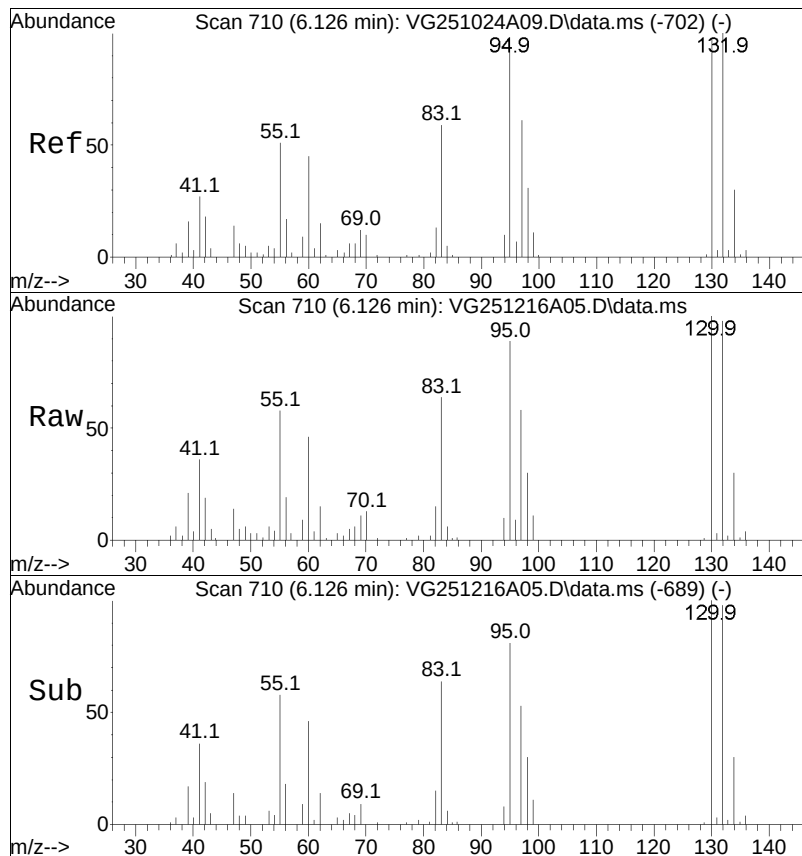




#37
 1,1,1-Trichloroethane
 Concen: 9.57 ug/L
 RT: 5.164 min Scan# 574
 Delta R.T. -0.000 min
 Lab File: VG251216A05.D
 Acq: 16 Dec 2025 8:56 am

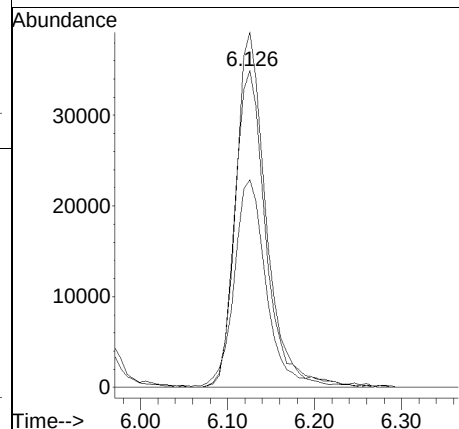
Tgt Ion: 97	Resp: 127726
Ion Ratio	Lower Upper
97 100	
99 63.1	40.5 84.1
61 48.6	31.2 64.8
63 15.2	9.6 20.0

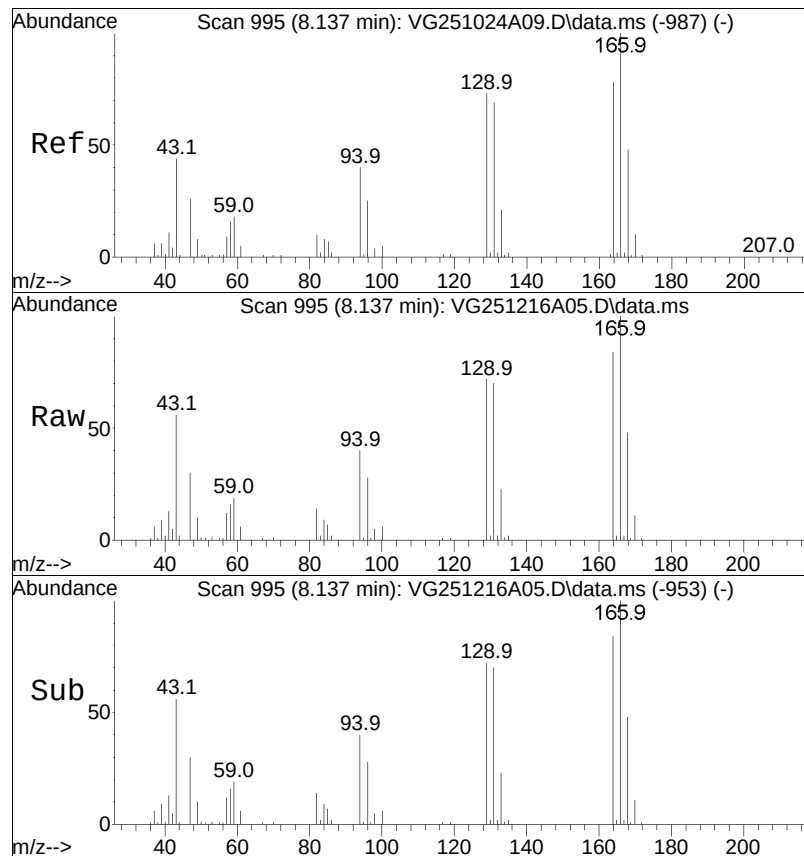




#48
 Trichloroethene
 Concen: 9.11 ug/L
 RT: 6.126 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VG251216A05.D
 Acq: 16 Dec 2025 8:56 am

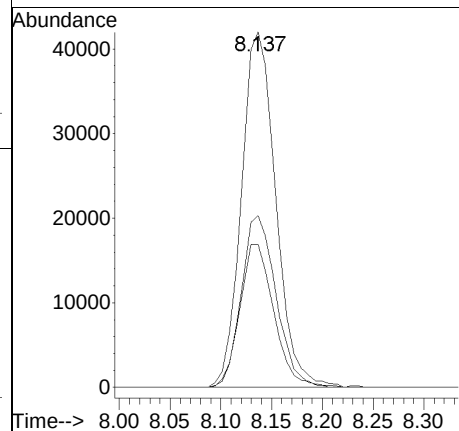
Tgt	Ion	Resp	Lower	Upper
95	100			
97	68.1	54.1	81.1	
130	108.6	87.6	131.4	





#63
 Tetrachloroethene
 Concen: 9.43 ug/L
 RT: 8.137 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VG251216A05.D
 Acq: 16 Dec 2025 8:56 am

Tgt	Ion:166	Resp:	99055
Ion	Ratio	Lower	Upper
166	100		
168	49.0	26.8	66.8
94	39.8	18.2	58.2



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)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 17 2025, 05:07 pm

Work Group: WG2155134 for Department: 31 GC/MS - Volatiles

Created: 17-DEC-25 Due: Operator: mjb

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2577438-01	IW-1	S NYTCL-8260	WATER	SEC	U	1218	1219	S0	Vial-B
L2578558-01	MW-6D	S NYTCL-8260	WATER	SEC	U	1224	1219	S0	Vial-B
L2578558-02	DUP_121025	S NYTCL-8260	WATER	SEC	U	1224	1219	S0	Vial-B
L2578558-03	PZ-6	S NYTCL-8260	WATER	SEC	U	1224	1219	S0	Vial-B
L2578558-04	MW-8S	S NYTCL-8260	WATER	SEC	U	1224	1219	S0	Vial-B
L2578558-05	MW-8D	S NYTCL-8260	WATER	SEC	U	1224	1219	S0	Vial-B
L2578558-06	PZ-5	S NYTCL-8260	WATER	SEC	U	1224	1219	S0	Vial-B
L2578558-07	MW-5D	S NYTCL-8260	WATER	SEC	U	1224	1219	S0	Vial-B
L2578558-08	MW-11D	S NYTCL-8260	WATER	SEC	U	1224	1219	S0	Vial-B
L2578558-09	MW-11S	S NYTCL-8260	WATER	SEC	U	1224	1219	S0	Vial-B
L2578603-01	MW-4_20251210	S NYTCL-8260	WATER	DONE	U	1224	1219	S0	Vial-B
L2578603-02	MW-5_20251210	S NYTCL-8260	WATER	DONE	U	1224	1219	S0	Vial-B
L2578603-03	MW-7_20251210	S NYTCL-8260	WATER	DONE	U	1224	1219	S0	Vial-B
L2578603-04	MW-3I_20251210	S NYTCL-8260	WATER	DONE	U	1224	1219	S0	Vial-B
L2578603-05	DUP-01_20251210	S NYTCL-8260	WATER	DONE	U	1224	1219	S0	Vial-B
L2578603-06	TB-02_20251210	S NYTCL-8260	WATER	DONE	U	1224	1219	S0	Vial-B
WG2155134-1	MS BFB Tune Standard	S NYTCL-8260	WATER	DONE	U				
WG2155134-2	Continuing Calibrati	S NYTCL-8260	WATER	DONE	U				
WG2155134-3	Laboratory Control S	S NYTCL-8260	WATER	DONE	U				
WG2155134-4	LCS Duplicate	S NYTCL-8260	WATER	DONE	U				
WG2155134-5	Laboratory Method Bl	S NYTCL-8260	WATER	DONE	U				
WG2155134-6	Matrix Spike	S NYTCL-8260	WATER	SEC	U				
WG2155134-7	Matrix Spike Duplica	S NYTCL-8260	WATER	SEC	U				
Comments:									
WG2155134-4	WG2155134-3								
WG2155134-6	L2578558-05								
WG2155134-7	L2578558-05								

Inst: Gonzo

Initials: PID

Date: 10/24/25

Run: A

BFB: V11498

IS/SS: V11489

ICAL: V11492B,V11499

ICV: V11470,V11469,V11490,V11491,V11455,V11454

Method

GC: 8260_RTX_VMS

Autosampler: 8260water

Concentrator: 8260AA

QC: _____ Seq: _____



Vial	Data File	Sample	Comments	SIM WG	WG	obs	pH
1	VG251024ABF1	BFB TUNE					
1	VG251024A01	BLK					
2	VG251024A02	BLK					
3	VG251024A03	I8260STD0.19PPB					
4	VG251024A04	I8260STD0.19PPB					
5	VG251024A05	I8260STD0.5PPB					
6	VG251024A06	I8260STD0.5PPB					
7	VG251024A07	I8260STD2PPB					
8	VG251024A08	I8260STD2PPB					
9	VG251024A09	I8260STD10PPB					
10	VG251024A10	I8260STD30PPB					
11	VG251024A11	I8260STD80PPB					
12	VG251024A12	I8260STD120PPB					
13	VG251024A13	I8260STD200PPB					
14	VG251024A14	BLK					
15	VG251024A15	BLK					
16	VG251024A16	BLK					
17	VG251024A17	BLK					
18	VG251024A18	C8260STD10PPB					
19	VG251024A19	C8260STD10PPB					
20	VG251024A20	BLK					
21	VG251024A21	BLK					
22	VG251024A22	MDL METHOD BLK					
23	VG251024A23	MDL L1					
24	VG251024A24	MDL L1					
25	VG251024A25	MDL L2					
26	VG251024A26	MDL L2					
27	VG251024A27	BLK					

Inst: Gonzo
 Initials: MJV/ODD
 Date: 12/16/25
 Run: A

BFB: V11593
 IS/SS: V11562
 ICAL: V11554C,V11594

Method
 GC: 8260_RTX_VMS
 Autosampler: 8260water
 Concentrator: 8260AA



QC: _____ Seq: _____

Vial	Data File	Sample	Comments	SIM WG	WG	obs	pH
1	VG251216ABF1	BFB TUNE	06:55				
1	VG251216A01	L6 CCAL					
2	VG251216A02	BLK					
3	VG251216A03	8260 CCAL	QC FAILS				
4	VG251216A04	8260 CCAL	LCS				
5	VG251216A05	8260 CCAL	LCSD				
6	VG251216A06	BLK					
7	VG251216A07	METHOD BLK					
8	VG251216A08	L2577223-03d,31,0.4,10,,C	DOW-NY/AC				pH<2
9	VG251216A09	I2578603-01,31,10,10,,a	NYTCL				pH<2
10	VG251216A10	I2578603-02,31,10,10,,a	NYTCL				pH<2
11	VG251216A11	I2578603-03,31,10,10,,a	NYTCL				pH<2
12	VG251216A12	I2578603-04,31,10,10,,a	NYTCL				pH<2
13	VG251216A13	I2578603-05,31,10,10,,a	NYTCL				pH<2
14	VG251216A14	I2578603-06,31,10,10,,a	NYTCL			TB	pH<2
15	VG251216A15	L2577438-01d,31,0.2,10,,C	NY/BTEX, MTBE, NAPH				pH<2
16	VG251216A16	L2577213-14d2,31,0.025,10,,C	NJ/VC				pH<2
17	VG251216A17	I2578558-01,31,10,10,,a	NYTCL/R2				pH<2
18	VG251216A18	I2578558-02,31,10,10,,a	NYTCL/R2				pH<2
19	VG251216A19	I2578558-03,31,10,10,,a	NYTCL/R2				pH<2
20	VG251216A20	I2578558-04,31,10,10,,a	NYTCL/R2				pH<2
21	VG251216A21	I2578558-05,31,10,10,,a	NYTCL/R2				pH<2
22	VG251216A22	I2578558-06,31,10,10,,a	NYTCL/R2				pH<2
23	VG251216A23	I2578558-07,31,10,10,,a	NYTCL/R2				pH<2
24	VG251216A24	I2578558-08,31,10,10,,a	NYTCL/R2				pH<2
25	VG251216A25	I2578558-09,31,10,10,,a	NYTCL/R2				pH<2
26	VG251216A26	I2578558-05MS,31,10,10,,a1	NYTCL/R2				pH<2
27	VG251216A27	I2578558-05MSD,31,10,10,,a2	NYTCL/R2				pH<2
28	VG251216A28	HBM					
29	VG251216A29	BLK					
30	VG251216A30	BLK					

APPENDIX B
Groundwater Monitoring Purge Logs



GROUNDWATER SAMPLING INFORMATION

GROUNDWATER QUALITY PARAMETERS

Notes:



GROUNDWATER SAMPLING INFORMATION						
Well ID:	MW-5		Well Volume:	1.25	Start Time:	11:35
Well Depth:	60.39	ft	Equipment:	Monsoon Pump Hurricane Pro Horiba	Sample Time:	12:00
Depth to Water:	52.6	ft				

[illegible]

Notes:



GROUNDWATER SAMPLING INFORMATION

GROUNDWATER QUALITY PARAMETERS

Notes: MS/MSD



LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	340 Myrtle Ave	H&A FILE NO.	0210873
LOCATION	340 Myrtle Ave, Brooklyn NY	PROJECT MGR.	Matt Levy
CLIENT	Brooklyn Builders	FIELD REP	Z. Richards
CONTRACTOR	H&A	DATE	12/10/2025

GROUNDWATER SAMPLING INFORMATION

Well ID:	MW-7	Well Volume:	0.99	Start Time:	13:55	
Well Depth:	58.5	ft	Equipment:	Monsoon Pump Hurricane Pro Horiba	Sample Time:	14:15
Depth to Water:	52.3	ft				

GROUNDWATER QUALITY PARAMETERS

Time	Volume purged, gallons or liters (circle one)	Temp, C (+/-3%)	Conductivity, us/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
13:55	0	15.67	1.69	11.29	6.99	197	577	52.12
14:00	0.25	16.77	1.72	7.64	6.93	195	311	52.07
14:05	0.5	17.37	1.73	7.44	6.91	189	172	52.07
14:10	0.75	17.48	1.74	7.31	6.9	187	86.6	52.07
14:15	1	17.2	1.75	7.31	6.9	186	47.5	52.07

Notes: